

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092823\
 Data File : VN079363.D
 Acq On : 28 Sep 2023 09:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 29 04:25:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/29/2023
 Supervised By : Semsettin Yesilyurt 09/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	176112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	303382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	284175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146125	61.466	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.940%			
35) Dibromofluoromethane	8.171	113	115900	57.432	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.860%			
50) Toluene-d8	10.571	98	426633	57.576	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.160%#			
62) 4-Bromofluorobenzene	12.853	95	145202	61.432	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	92877	53.300	ug/l	95
3) Chloromethane	2.365	50	116850	51.082	ug/l	98
4) Vinyl Chloride	2.518	62	137675	55.236	ug/l	94
5) Bromomethane	2.948	94	77418	54.037	ug/l	99
6) Chloroethane	3.118	64	98550	62.054	ug/l	99
7) Trichlorofluoromethane	3.500	101	177114	48.527	ug/l	98
8) Diethyl Ether	3.965	74	65202	51.469	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.377	101	104542	53.860	ug/l	98
10) Methyl Iodide	4.589	142	111724	70.366	ug/l	100
11) Tert butyl alcohol	5.530	59	90283	205.699	ug/l	100
12) 1,1-Dichloroethene	4.342	96	93078	49.554	ug/l #	83
13) Acrolein	4.183	56	92973	222.067	ug/l	97
14) Allyl chloride	5.030	41	149968	50.051	ug/l	90
15) Acrylonitrile	5.724	53	312206	274.328	ug/l	98
16) Acetone	4.430	43	346086	342.771	ug/l	94
17) Carbon Disulfide	4.718	76	236401	40.269	ug/l	97
18) Methyl Acetate	5.030	43	235603	56.777	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	353529	54.880	ug/l	92
20) Methylene Chloride	5.277	84	122435	49.830	ug/l #	85
21) trans-1,2-Dichloroethene	5.789	96	108197	49.656	ug/l #	82
22) Diisopropyl ether	6.677	45	399842	60.819	ug/l #	90
23) Vinyl Acetate	6.606	43	1154603	285.528	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	227715	56.187	ug/l	97
25) 2-Butanone	7.488	43	449470	306.814	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	185019	55.632	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	135413	54.351	ug/l	87
28) Bromochloromethane	7.818	49	130734	71.346	ug/l #	72
29) Tetrahydrofuran	7.841	42	271793	291.540	ug/l #	75
30) Chloroform	7.971	83	241119	57.142	ug/l	93
31) Cyclohexane	8.259	56	173222	49.902	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	197437	54.891	ug/l	94
36) 1,1-Dichloropropene	8.371	75	164778	52.974	ug/l	96
37) Ethyl Acetate	7.565	43	170549	54.971	ug/l #	89
38) Carbon Tetrachloride	8.365	117	168112	52.226	ug/l	96
39) Methylcyclohexane	9.606	83	160646	52.357	ug/l #	86
40) Benzene	8.612	78	503341	52.860	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092823\
 Data File : VN079363.D
 Acq On : 28 Sep 2023 09:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023

Quant Time: Sep 29 04:25:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	89677	57.327	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	182752	55.749	ug/l	99
43) Isopropyl Acetate	8.694	43	279245	55.161	ug/l #	89
44) Trichloroethene	9.353	130	116574	49.697	ug/l	96
45) 1,2-Dichloropropane	9.624	63	139071	58.849	ug/l	97
46) Dibromomethane	9.712	93	90811	56.606	ug/l	96
47) Bromodichloromethane	9.888	83	192721	58.652	ug/l	99
48) Methyl methacrylate	9.682	41	134473	59.303	ug/l #	80
49) 1,4-Dioxane	9.700	88	46413	995.149	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	889442	302.667	ug/l	90
52) Toluene	10.635	92	312915	53.472	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	193493	55.847	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	210477	56.797	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	127659	55.596	ug/l	97
56) Ethyl methacrylate	10.876	69	188141	58.044	ug/l #	82
57) 1,3-Dichloropropane	11.171	76	226199	56.986	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	377878	274.202	ug/l	89
59) 2-Hexanone	11.200	43	654887	307.682	ug/l	88
60) Dibromochloromethane	11.359	129	137396	56.223	ug/l	99
61) 1,2-Dibromoethane	11.471	107	123204	53.765	ug/l	98
64) Tetrachloroethene	11.106	164	100136	48.326	ug/l	99
65) Chlorobenzene	11.894	112	324945	50.476	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	125774	52.101	ug/l	97
67) Ethyl Benzene	11.965	91	606527	55.082	ug/l	95
68) m/p-Xylenes	12.076	106	455610	111.006	ug/l	94
69) o-Xylene	12.400	106	216950	55.114	ug/l	93
70) Styrene	12.412	104	376440	59.460	ug/l	99
71) Bromoform	12.582	173	91534	51.362	ug/l #	100
73) Isopropylbenzene	12.700	105	571563	48.762	ug/l	99
74) N-amyl acetate	12.500	43	226517	50.936	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	195717	44.839	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	167644m	48.281	ug/l	
77) Bromobenzene	12.982	156	130472	43.959	ug/l	94
78) n-propylbenzene	13.041	91	698091	53.016	ug/l	97
79) 2-Chlorotoluene	13.129	91	412514	47.899	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	481117	49.259	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	57867	45.817	ug/l #	83
82) 4-Chlorotoluene	13.223	91	404257	49.956	ug/l	98
83) tert-Butylbenzene	13.441	119	390314	48.307	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	478607	51.454	ug/l	99
85) sec-Butylbenzene	13.617	105	572079	51.430	ug/l	99
86) p-Isopropyltoluene	13.735	119	460256	51.791	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	238878	49.070	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	232482	47.261	ug/l	98
89) n-Butylbenzene	14.059	91	387028	55.382	ug/l	97
90) Hexachloroethane	14.335	117	88740	49.172	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	233991	48.690	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30269	45.618	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	83816	48.533	ug/l	98
94) Hexachlorobutadiene	15.506	225	53927	39.695	ug/l	100
95) Naphthalene	15.647	128	216377	42.185	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	88237	43.314	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092823\
Data File : VN079363.D
Acq On : 28 Sep 2023 09:53
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

Quant Time: Sep 29 04:25:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

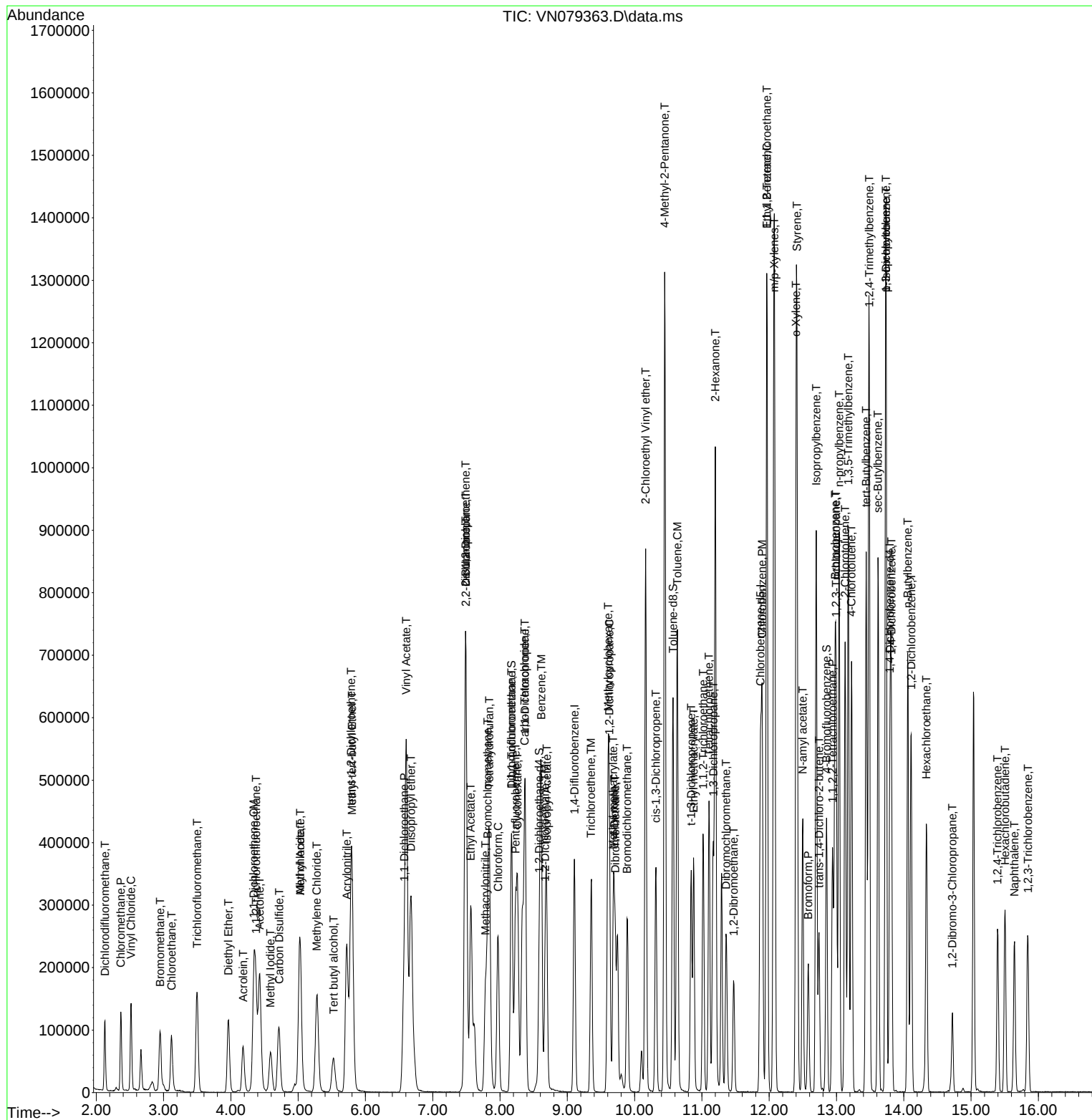
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092823\
 Data File : VN079363.D
 Acq On : 28 Sep 2023 09:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

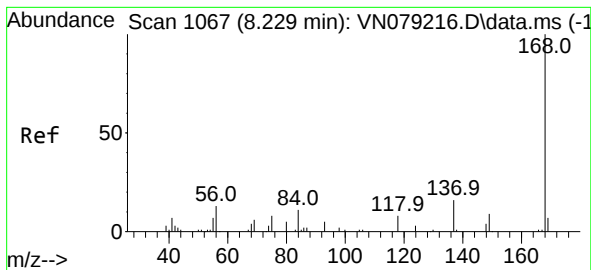
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations APPROVED

Reviewed By : John Carlone 09/29/2023
 Supervised By : Semsettin Yesilyurt 09/29/2023

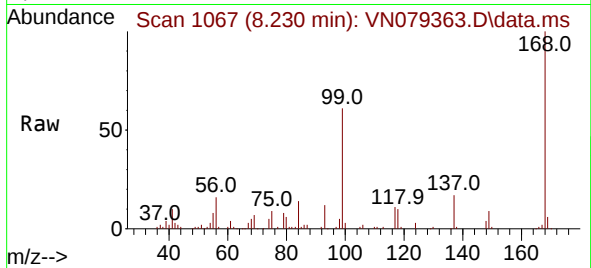
Quant Time: Sep 29 04:25:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

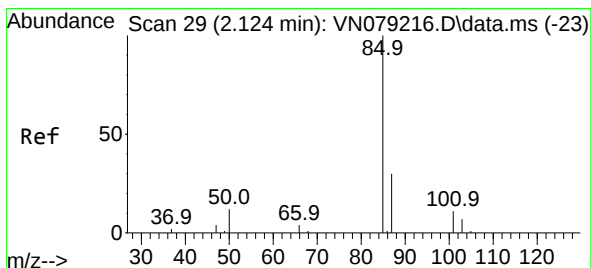
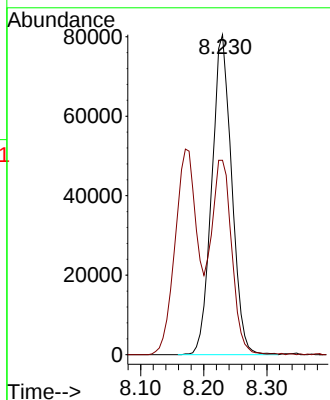
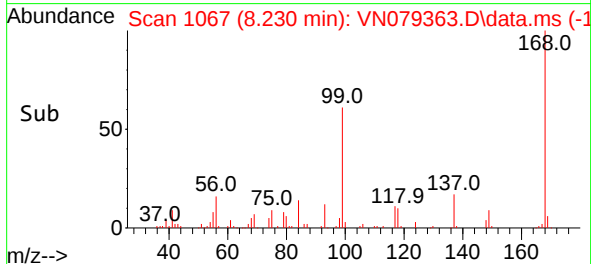
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 17611
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6

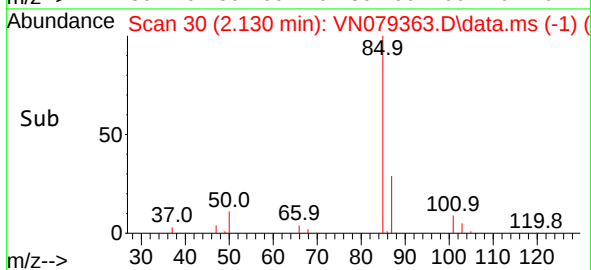
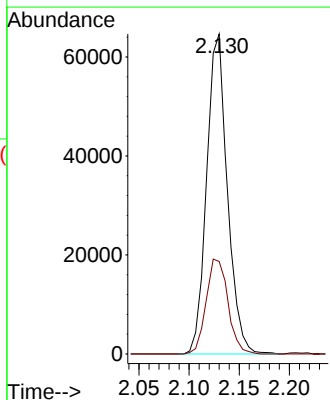
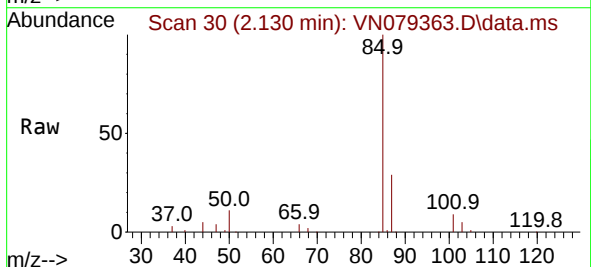
Manual Integrations
APPROVED

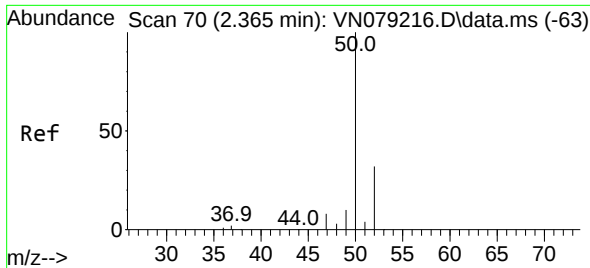
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#2
Dichlorodifluoromethane
Concen: 53.300 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Tgt Ion: 85 Resp: 92877
Ion Ratio Lower Upper
85 100
87 28.9 15.8 47.4





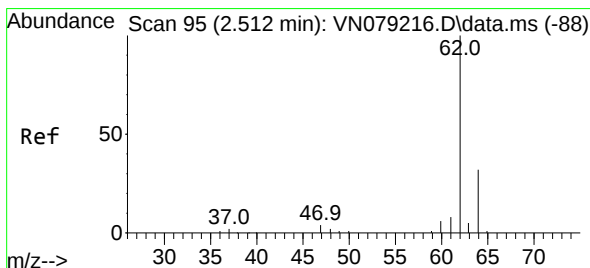
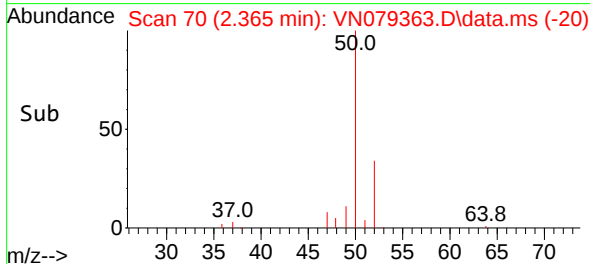
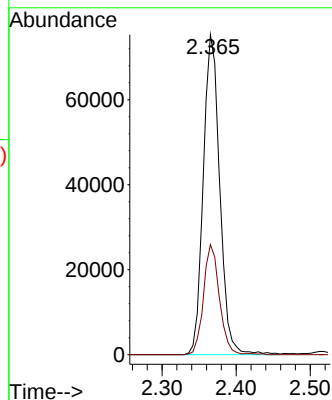
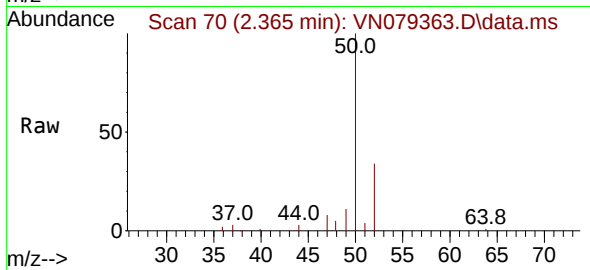
#3
Chloromethane
Concen: 51.082 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 116850
Ion Ratio Lower Upper
50 100
52 34.4 26.5 39.7

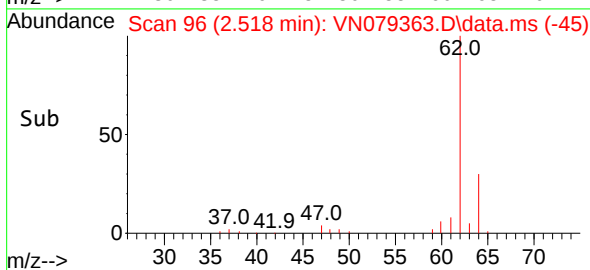
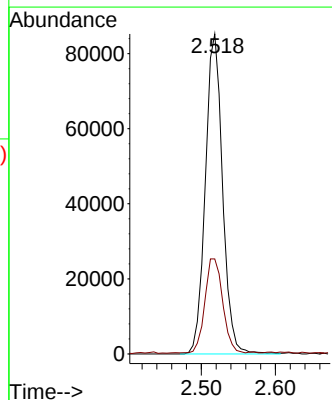
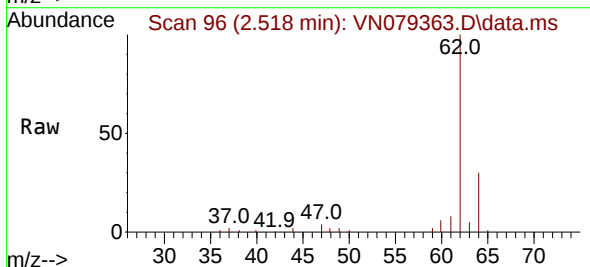
Manual Integrations
APPROVED

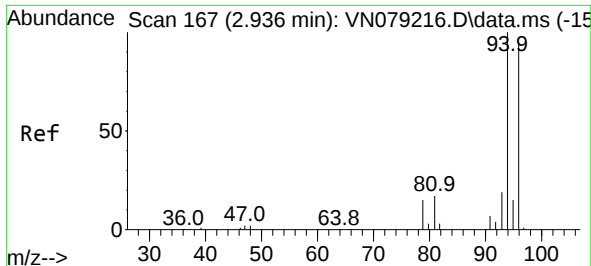
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#4
Vinyl Chloride
Concen: 55.236 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Tgt Ion: 62 Resp: 137675
Ion Ratio Lower Upper
62 100
64 29.3 26.2 39.2





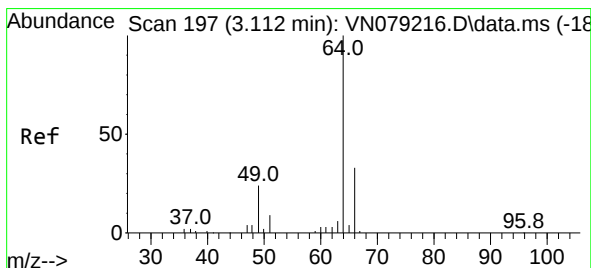
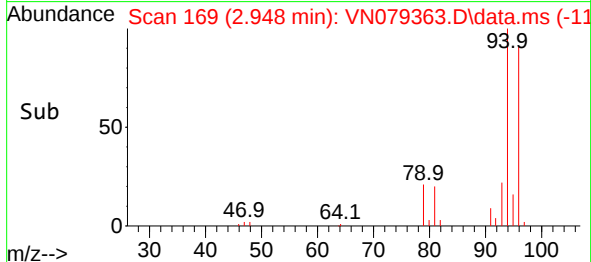
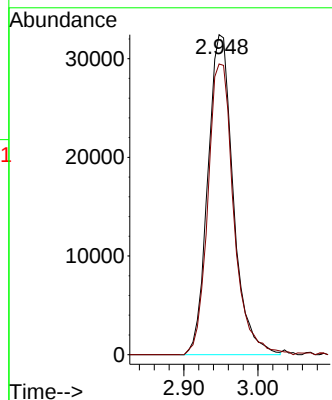
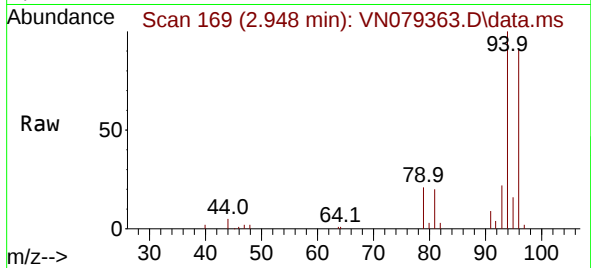
#5
Bromomethane
Concen: 54.037 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 77418
Ion Ratio Lower Upper
94 100
96 90.8 73.1 109.7

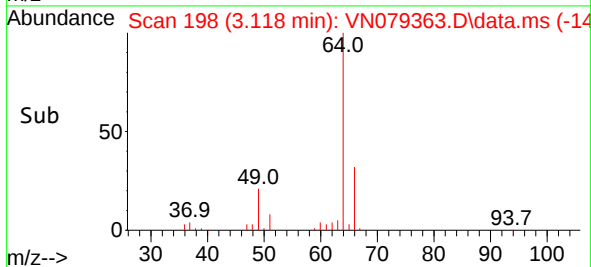
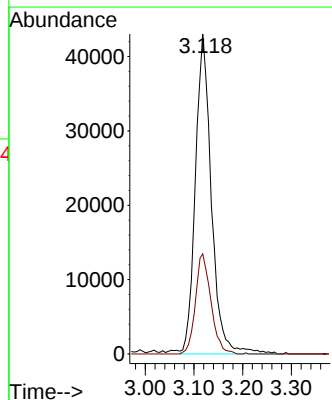
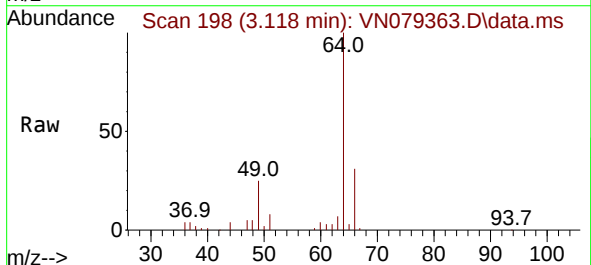
Manual Integrations
APPROVED

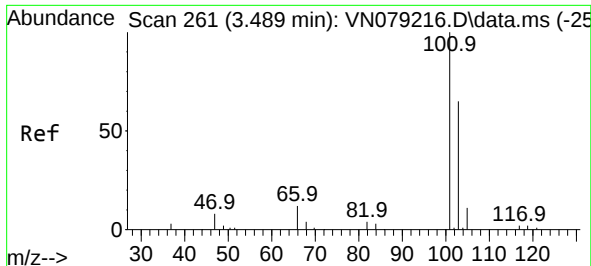
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#6
Chloroethane
Concen: 62.054 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Tgt Ion: 64 Resp: 98550
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2





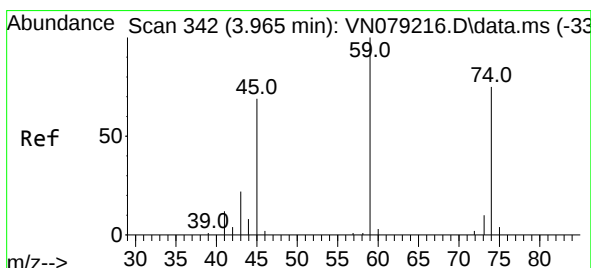
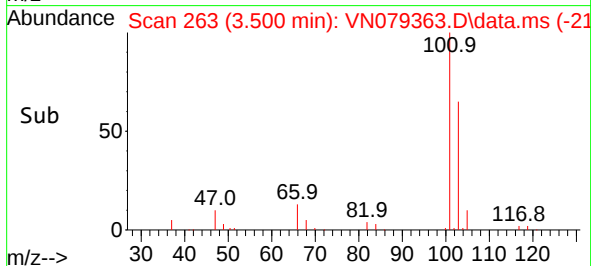
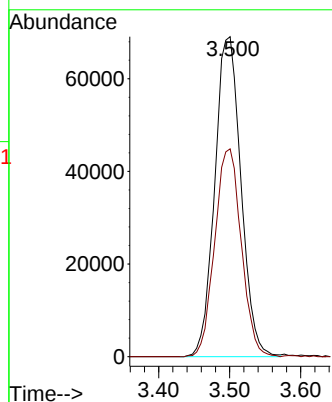
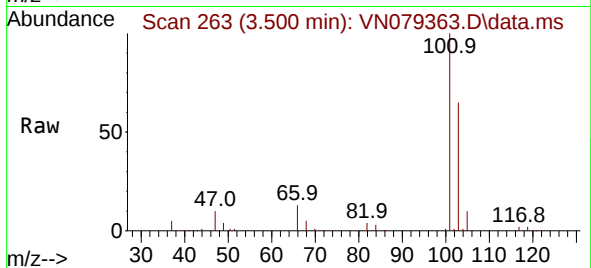
#7
Trichlorofluoromethane
Concen: 48.527 ug/l
RT: 3.500 min Scan# 261
Delta R.T. -0.001 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 177114
Ion Ratio Lower Upper
101 100
103 64.9 50.7 76.1

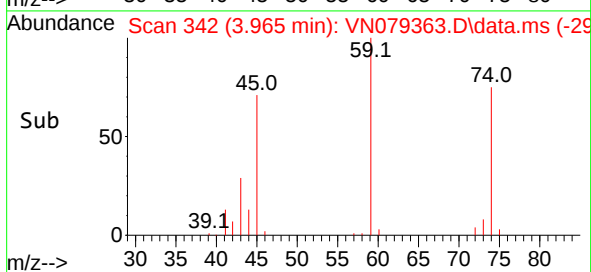
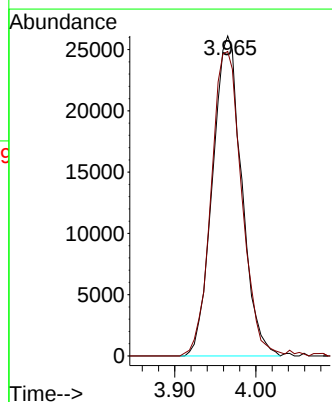
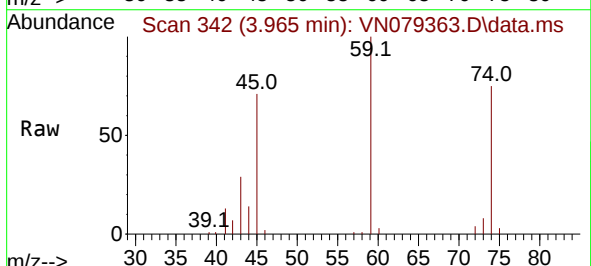
Manual Integrations
APPROVED

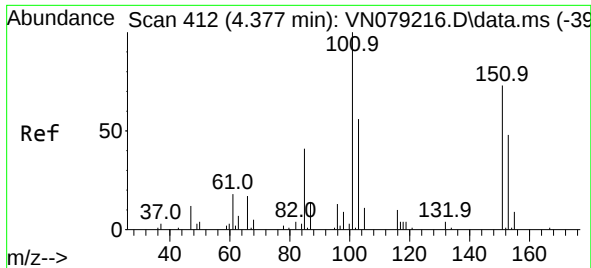
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#8
Diethyl Ether
Concen: 51.469 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Tgt Ion: 74 Resp: 65202
Ion Ratio Lower Upper
74 100
45 99.5 34.4 103.3





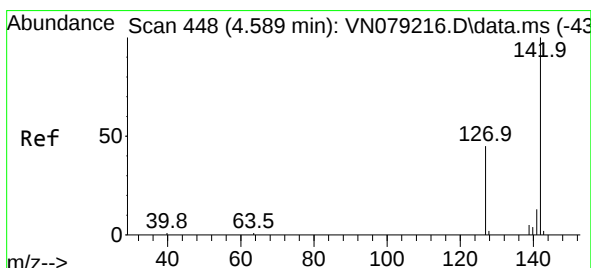
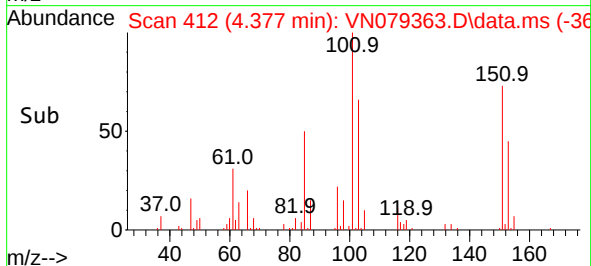
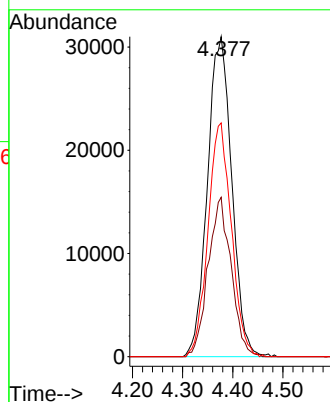
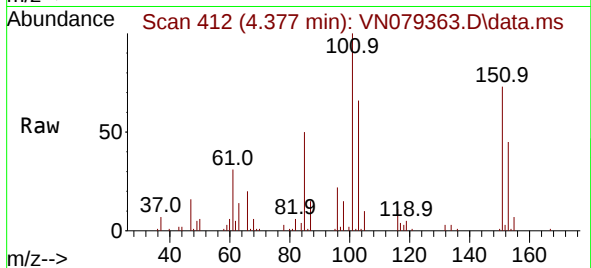
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.860 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 10454
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 70.2 57.6 86.4

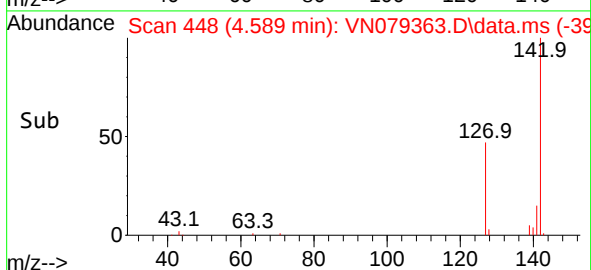
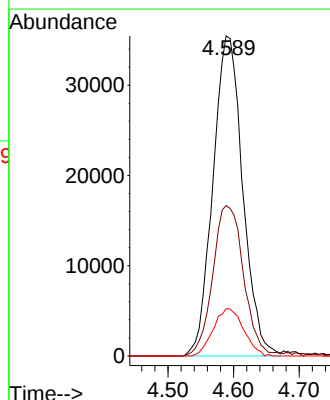
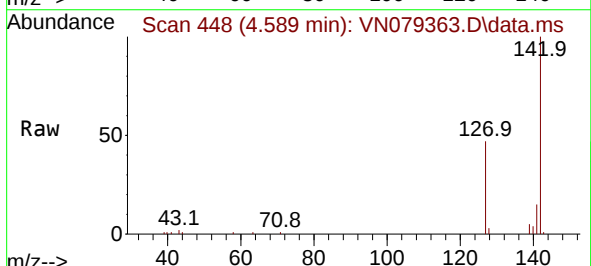
Manual Integrations
APPROVED

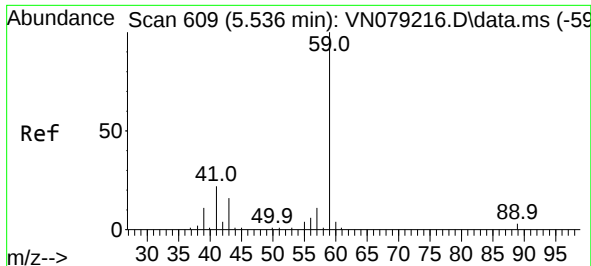
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#10
Methyl Iodide
Concen: 70.366 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Tgt Ion:142 Resp: 111724
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 14.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 205.699 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

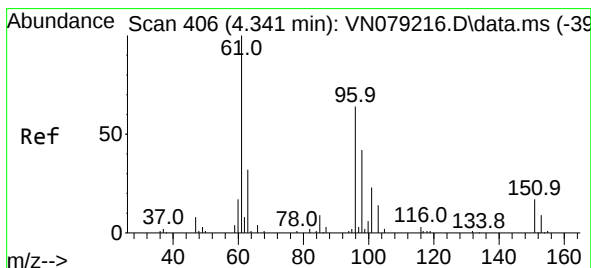
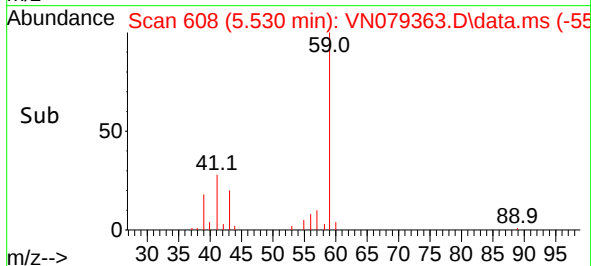
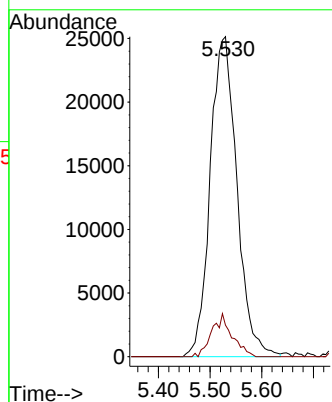
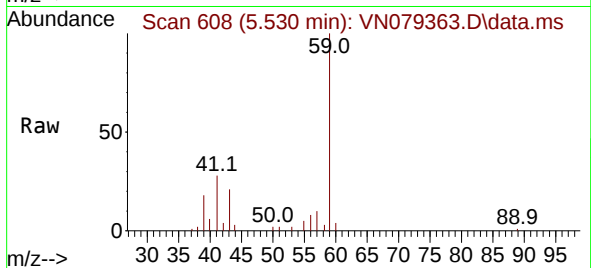
VSTDCCC050

Tgt Ion: 59 Resp: 9028
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

Manual Integrations

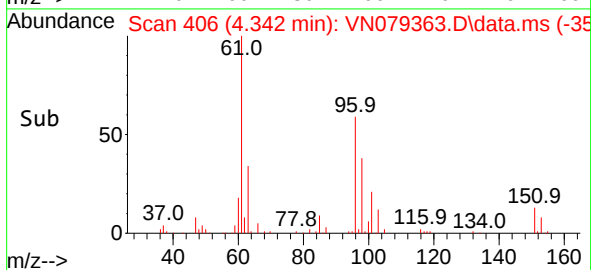
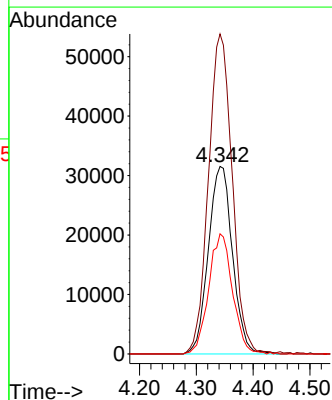
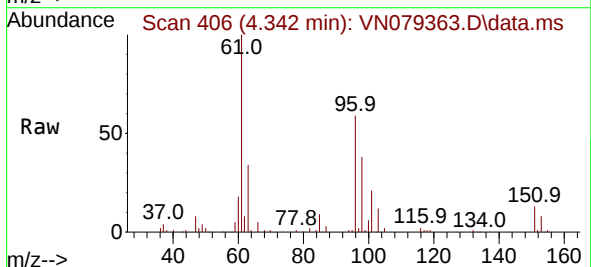
APPROVED

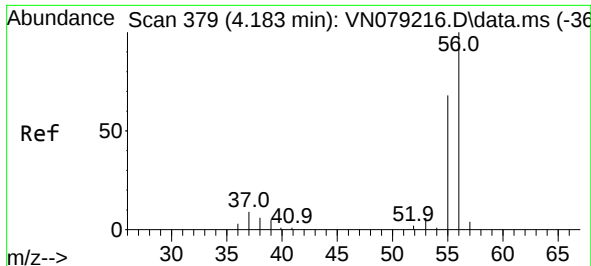
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#12
1,1-Dichloroethene
Concen: 49.554 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

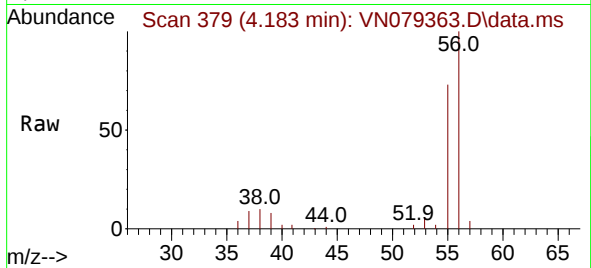
Tgt Ion: 96 Resp: 93078
Ion Ratio Lower Upper
96 100
61 170.7 112.7 169.1#
98 64.1 51.2 76.8





#13
Acrolein
Concen: 222.067 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

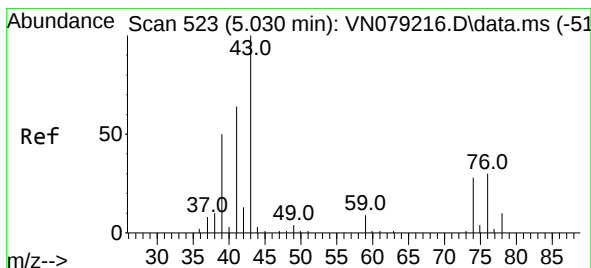
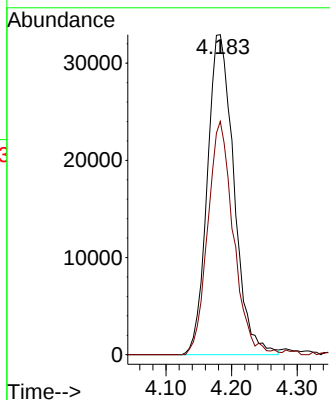
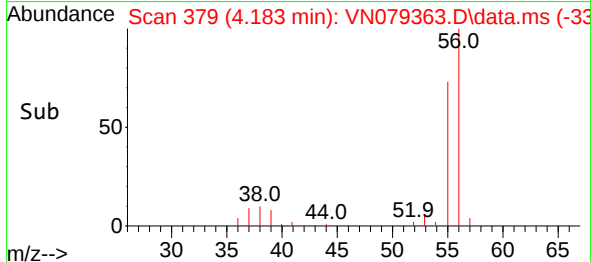
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



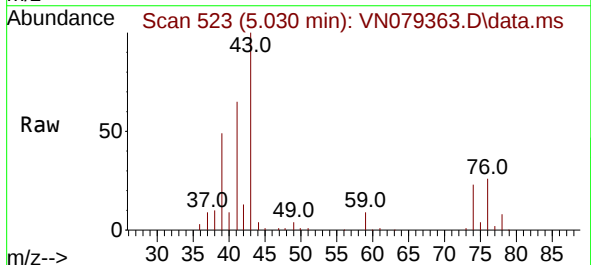
Tgt Ion: 56 Resp: 9297
Ion Ratio Lower Upper
56 100
55 70.4 54.5 81.7

Manual Integrations
APPROVED

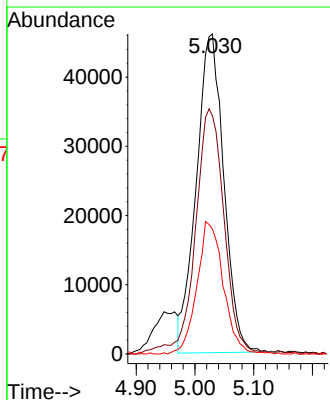
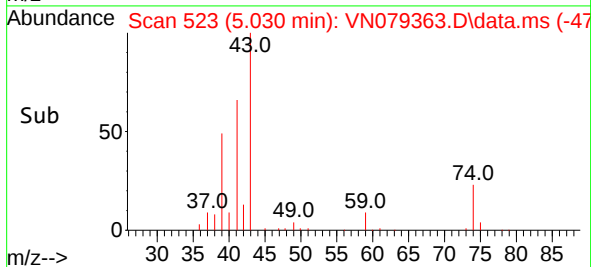
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

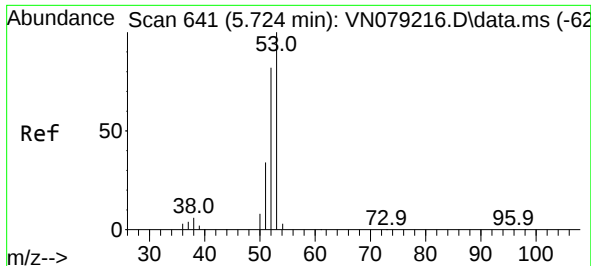


#14
Allyl chloride
Concen: 50.051 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53



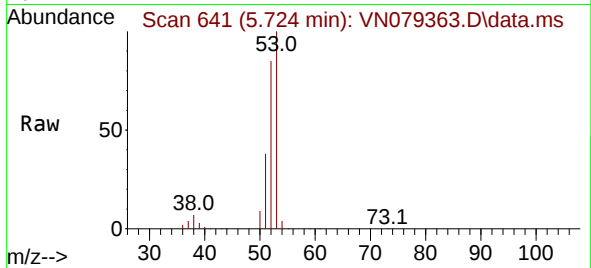
Tgt Ion: 41 Resp: 149968
Ion Ratio Lower Upper
41 100
39 80.2 58.8 88.2
76 39.8 39.1 58.7





#15
Acrylonitrile
Concen: 274.328 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

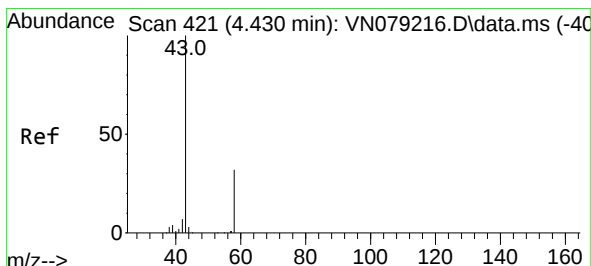
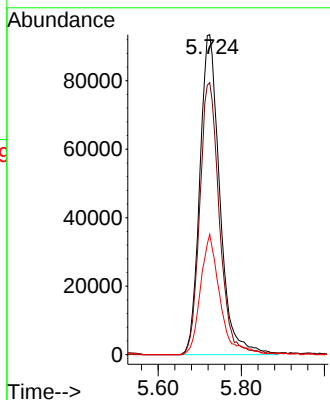
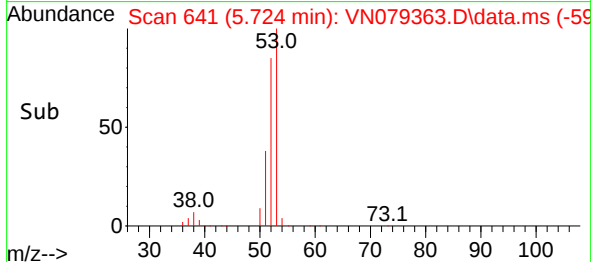
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 312200
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 36.8 28.9 43.3

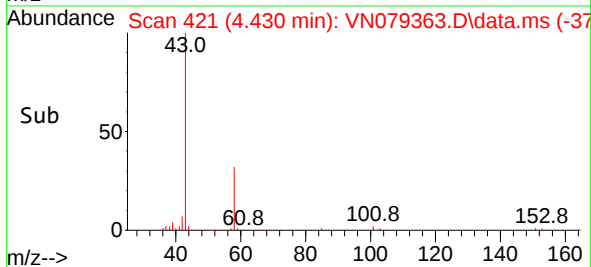
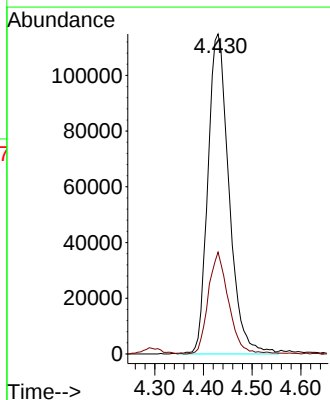
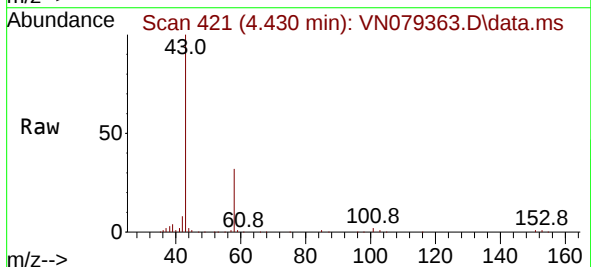
Manual Integrations
APPROVED

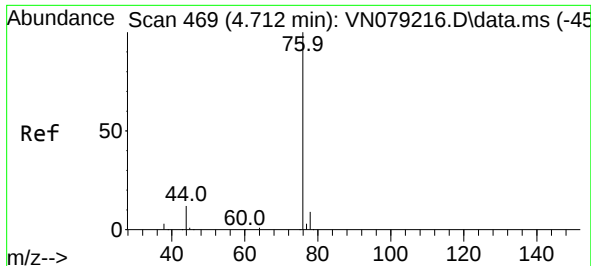
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#16
Acetone
Concen: 342.771 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Tgt Ion: 43 Resp: 346086
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0





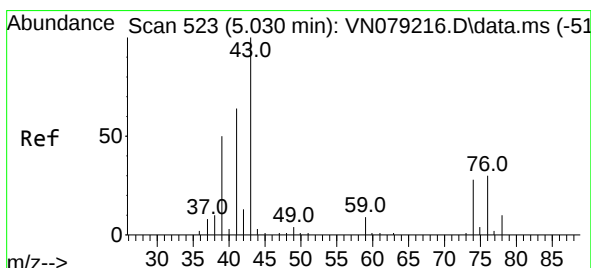
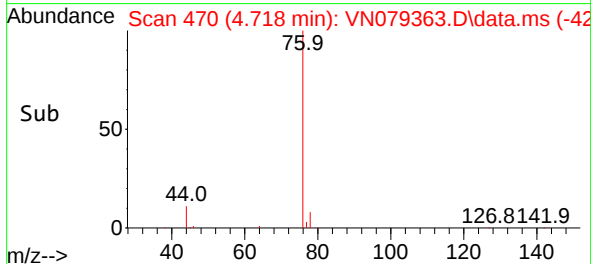
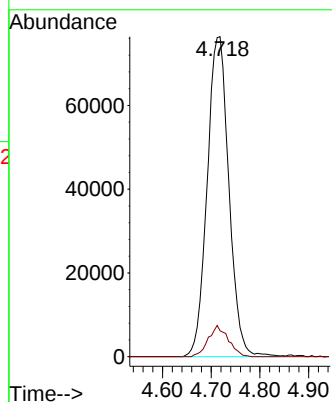
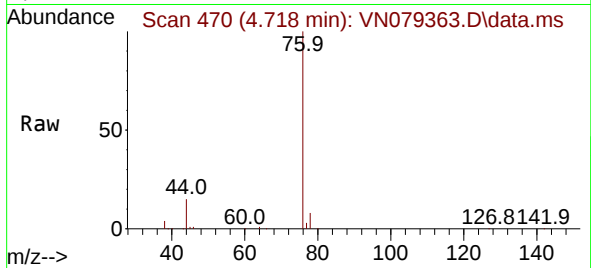
#17
Carbon Disulfide
Concen: 40.269 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 23640
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0

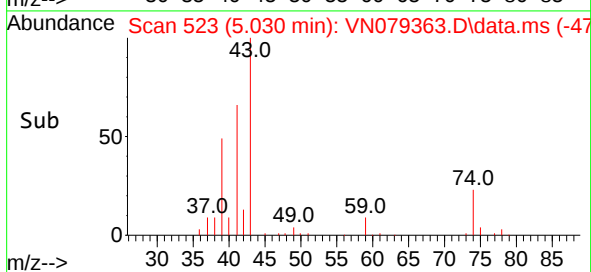
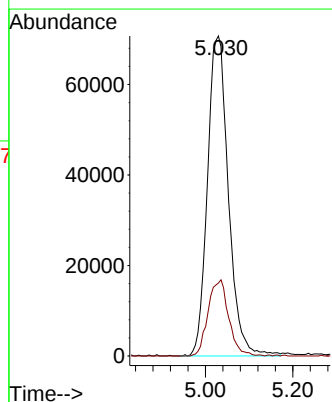
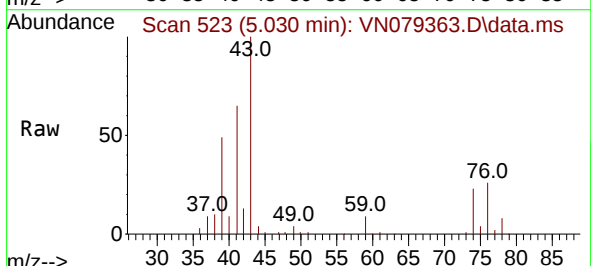
Manual Integrations
APPROVED

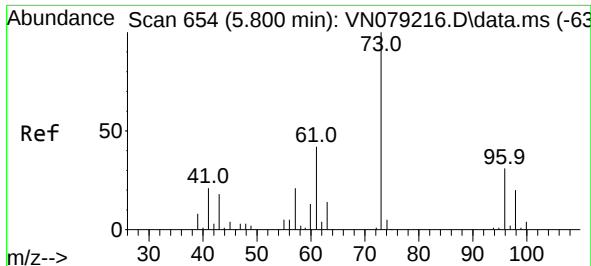
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#18
Methyl Acetate
Concen: 56.777 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Tgt Ion: 43 Resp: 235603
Ion Ratio Lower Upper
43 100
74 23.4 26.2 39.4#





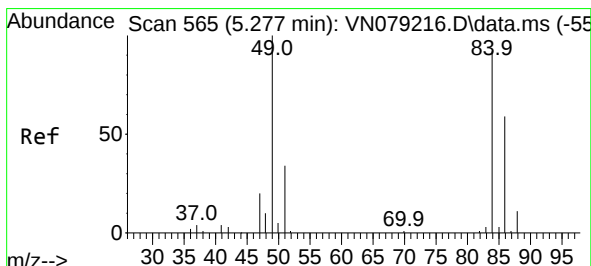
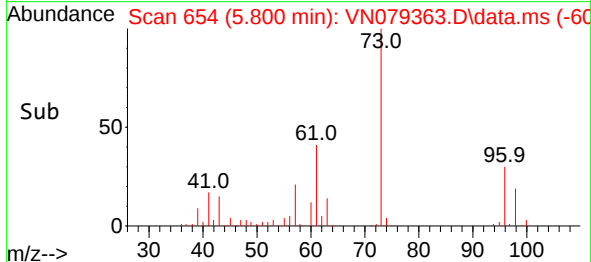
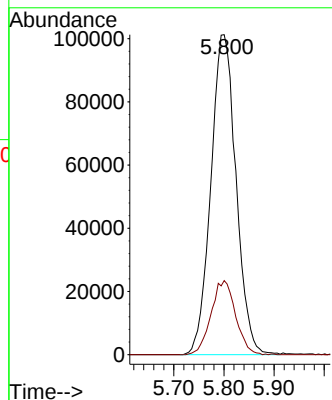
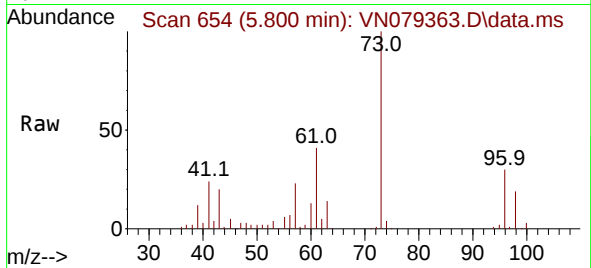
#19
Methyl tert-butyl Ether
Concen: 54.880 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 353529
Ion Ratio Lower Upper
73 100
57 23.2 15.6 23.4

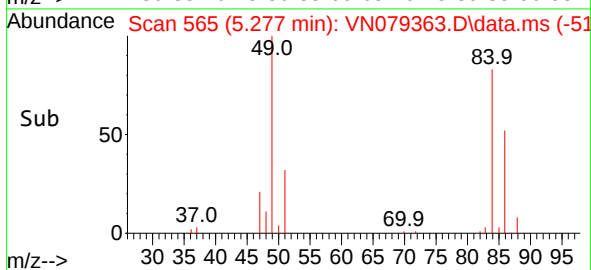
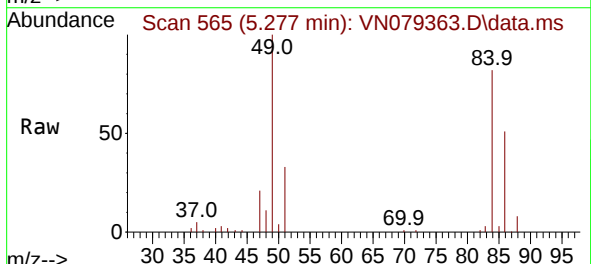
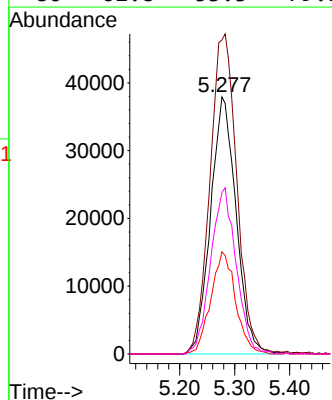
Manual Integrations
APPROVED

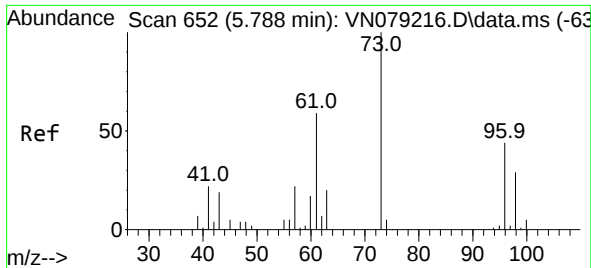
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#20
Methylene Chloride
Concen: 49.830 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Tgt Ion: 84 Resp: 122435
Ion Ratio Lower Upper
84 100
49 122.2 79.7 119.5#
51 39.8 25.2 37.8#
86 62.8 53.3 79.9





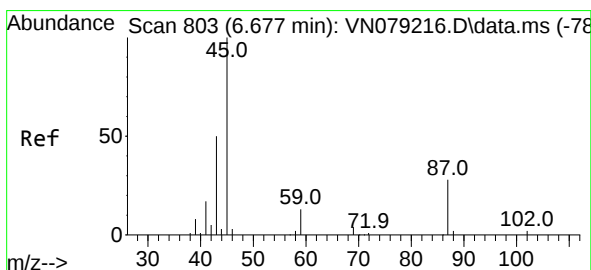
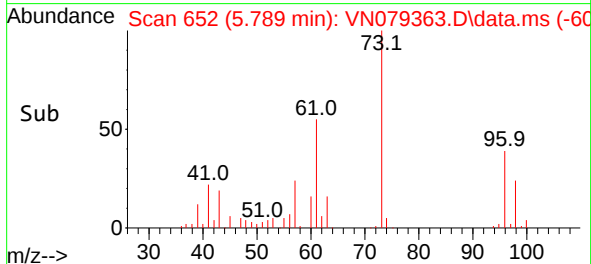
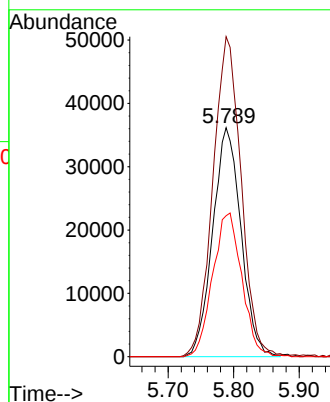
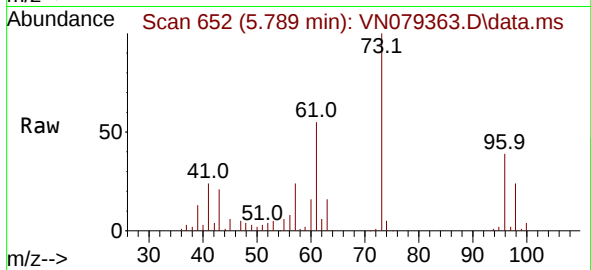
#21
trans-1,2-Dichloroethene
Concen: 49.656 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 108197
Ion Ratio Lower Upper
96 100
61 139.8 90.1 135.1
98 61.6 46.4 69.6

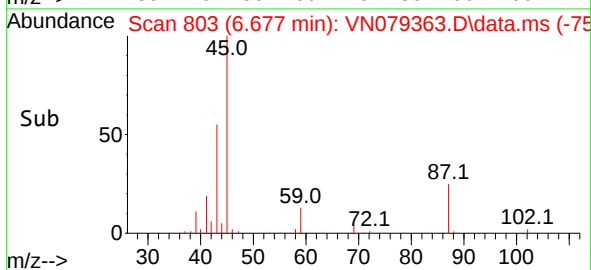
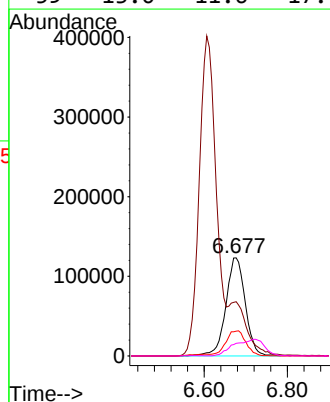
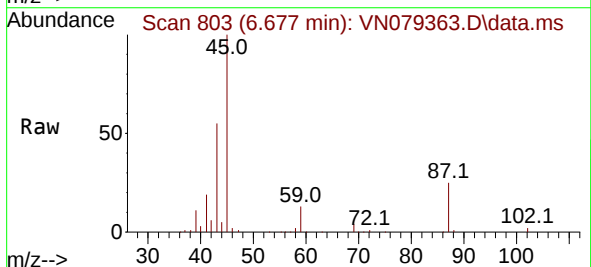
Manual Integrations
APPROVED

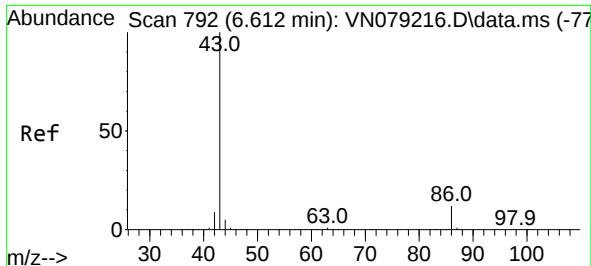
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#22
Diisopropyl ether
Concen: 60.819 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Tgt Ion: 45 Resp: 399842
Ion Ratio Lower Upper
45 100
43 55.1 45.5 68.3
87 25.4 31.8 47.8#
59 13.0 11.6 17.4





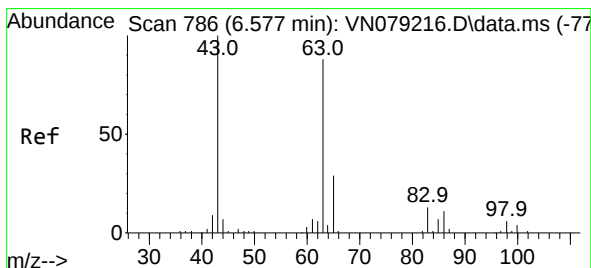
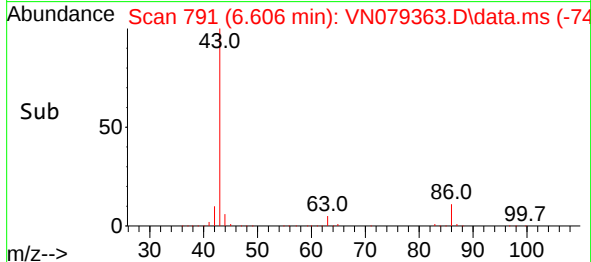
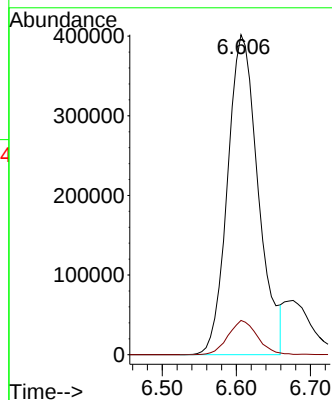
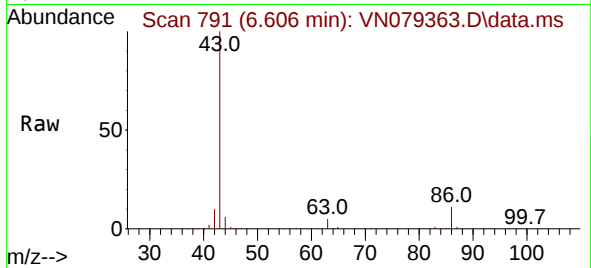
#23
 Vinyl Acetate
 Concen: 285.528 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079363.D
 Acq: 28 Sep 2023 09:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 115460
 Ion Ratio Lower Upper
 43 100
 86 10.7 13.0 19.6

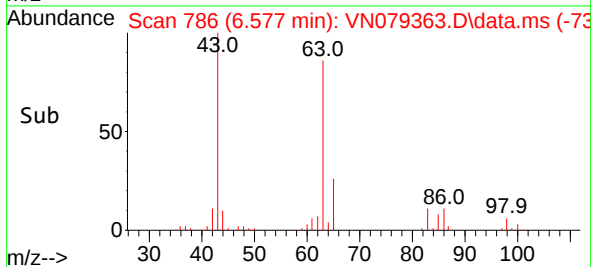
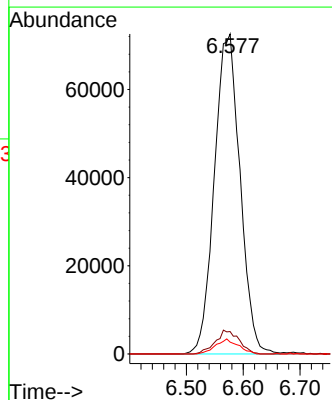
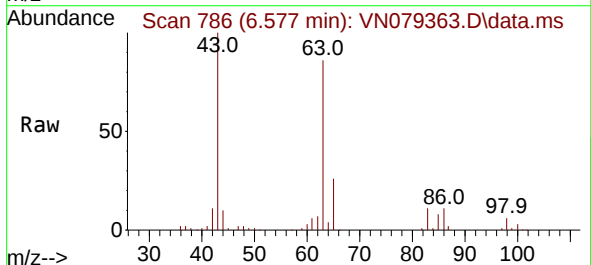
Manual Integrations
 APPROVED

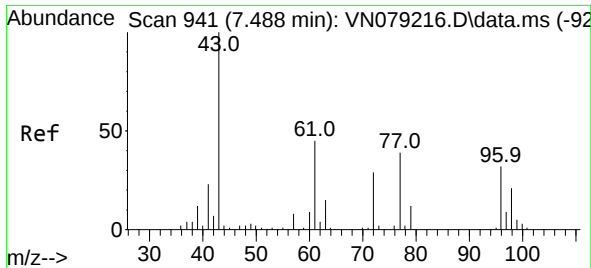
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023



#24
 1,1-Dichloroethane
 Concen: 56.187 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079363.D
 Acq: 28 Sep 2023 09:53

Tgt Ion: 63 Resp: 227715
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 3.7 2.5 7.4





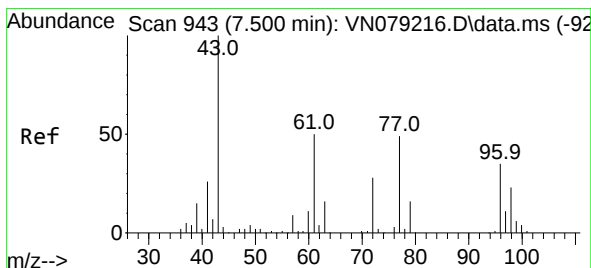
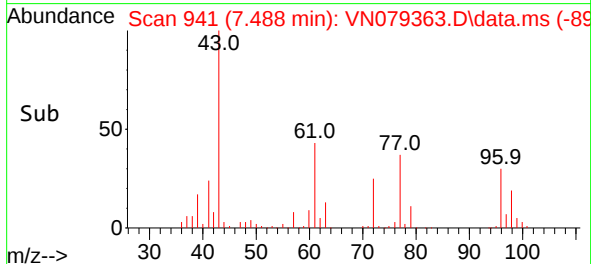
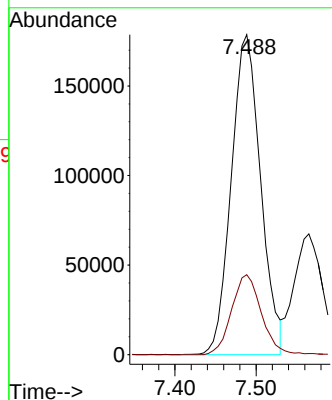
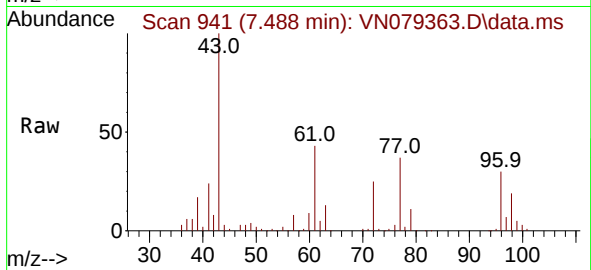
#25
2-Butanone
Concen: 306.814 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 449470
Ion Ratio Lower Upper
43 100
72 25.0 30.2 45.2

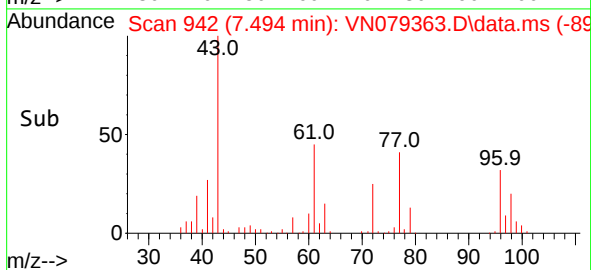
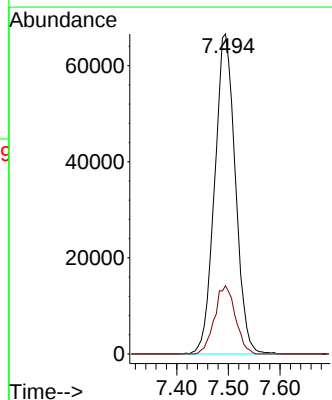
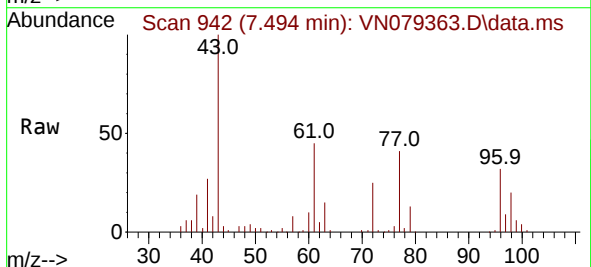
Manual Integrations
APPROVED

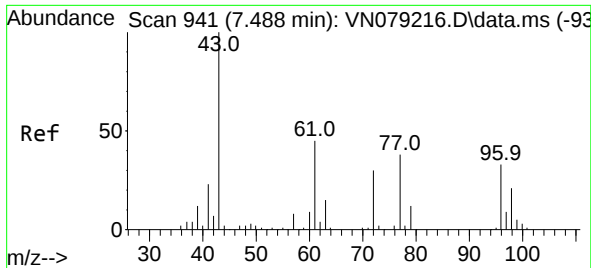
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#26
2,2-Dichloropropane
Concen: 55.632 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

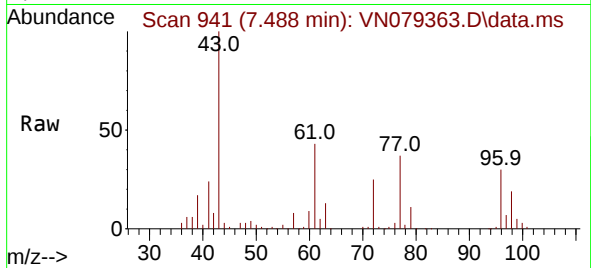
Tgt Ion: 77 Resp: 185019
Ion Ratio Lower Upper
77 100
97 21.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 54.351 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN079363.D
 Acq: 28 Sep 2023 09:53

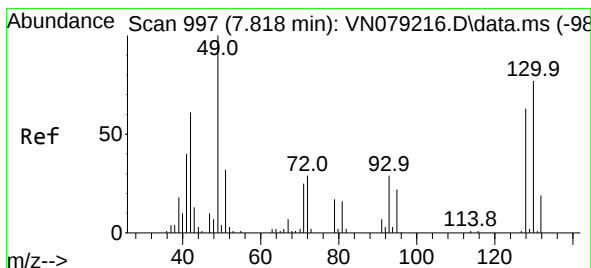
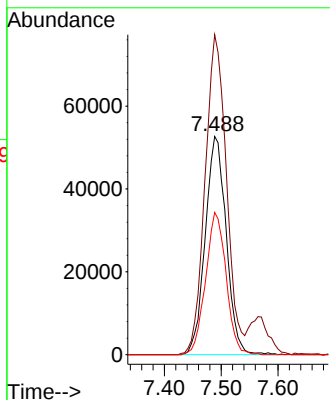
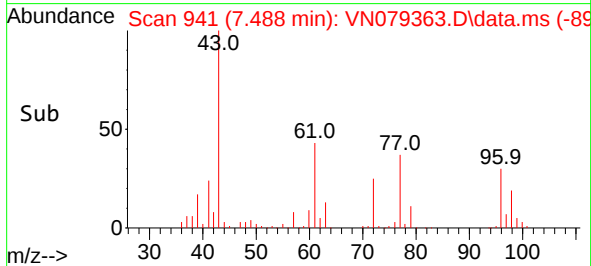
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 13541
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 255.2
 98 63.6 0.0 128.8

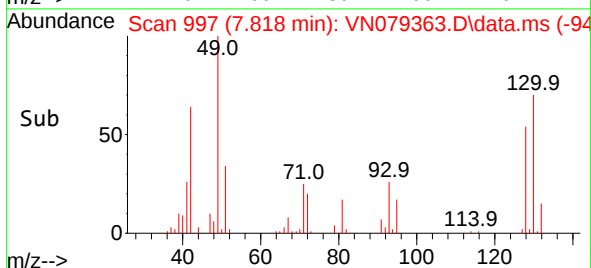
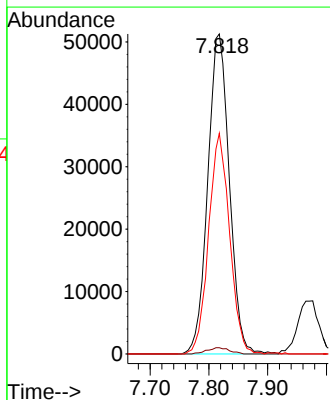
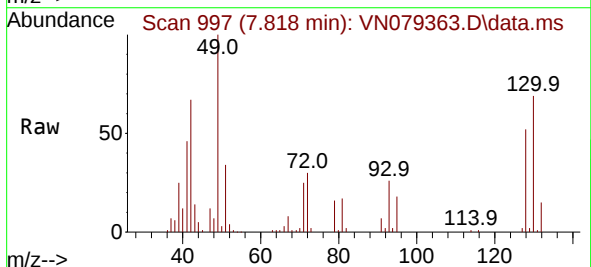
Manual Integrations
 APPROVED

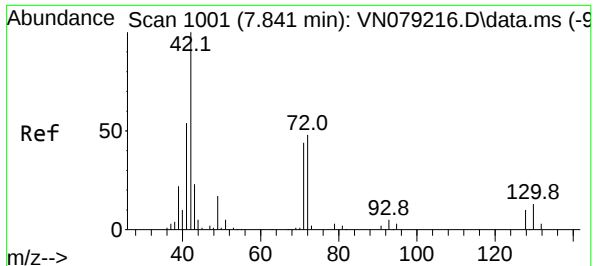
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023



#28
 Bromochloromethane
 Concen: 71.346 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079363.D
 Acq: 28 Sep 2023 09:53

Tgt Ion: 49 Resp: 130734
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 66.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 291.540 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN079363.D

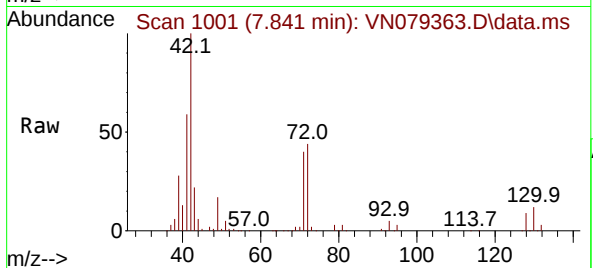
Acq: 28 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 271793

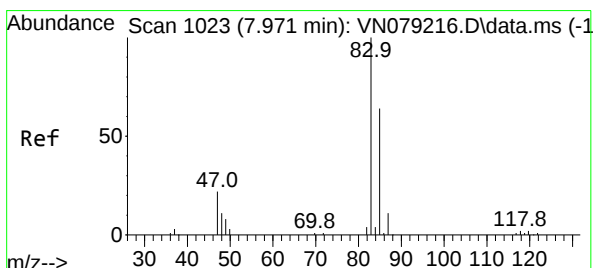
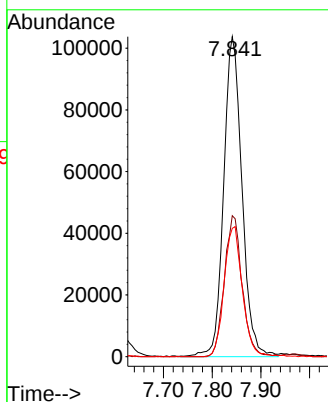
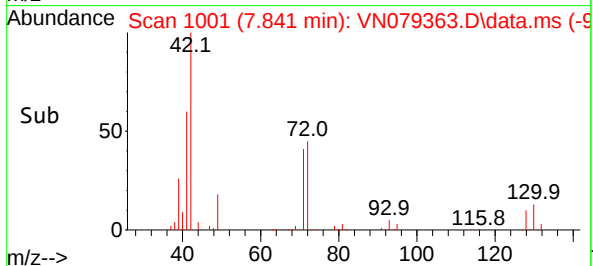
Ion	Ratio	Lower	Upper
42	100		
72	42.7	49.8	74.6
71	40.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#30

Chloroform

Concen: 57.142 ug/l

RT: 7.971 min Scan# 1023

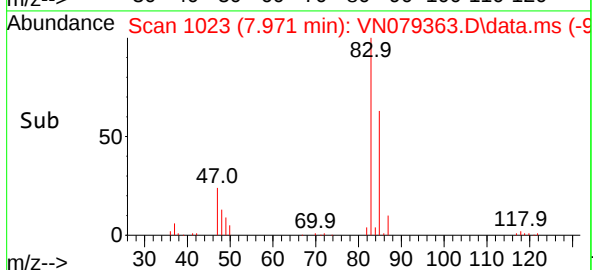
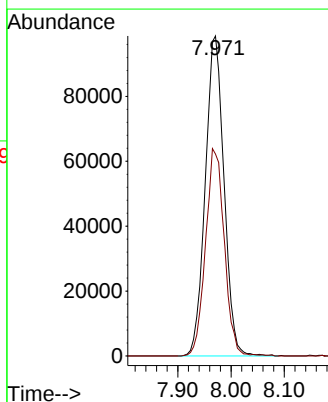
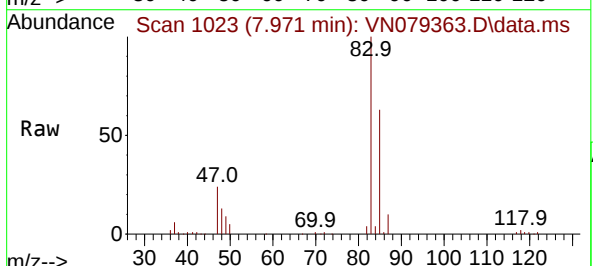
Delta R.T. -0.006 min

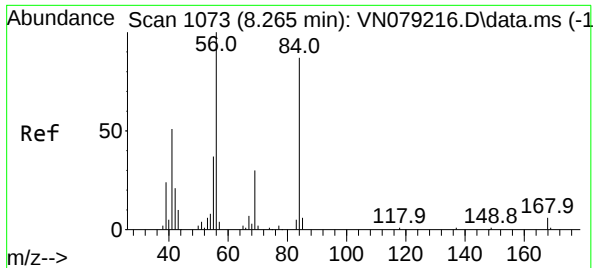
Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

Tgt Ion: 83 Resp: 241119

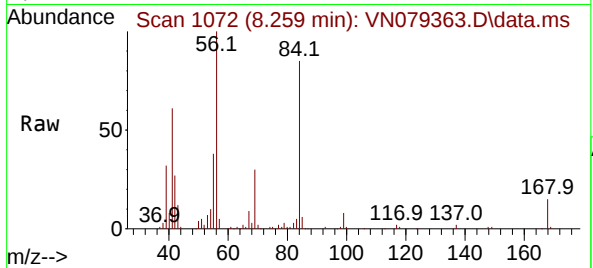
Ion	Ratio	Lower	Upper
83	100		
85	63.1	55.4	83.0





#31
Cyclohexane
Concen: 49.902 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

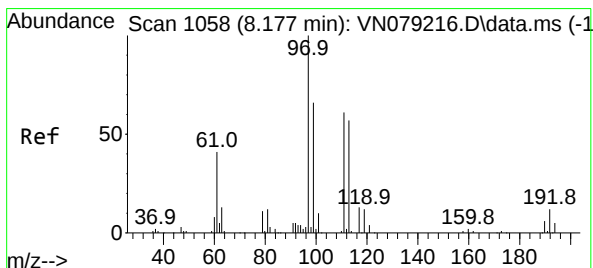
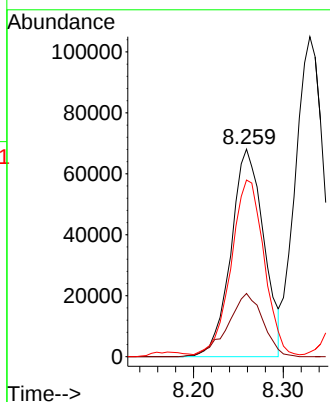
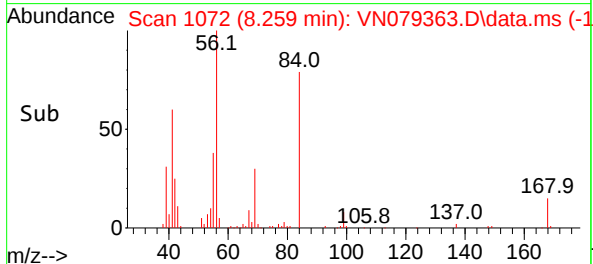
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



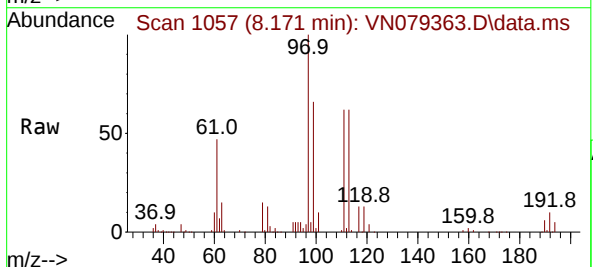
Tgt Ion: 56 Resp: 17322
Ion Ratio Lower Upper
56 100
69 30.4 26.8 40.2
84 83.2 81.8 122.6

Manual Integrations
APPROVED

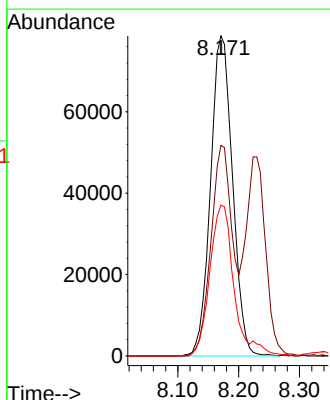
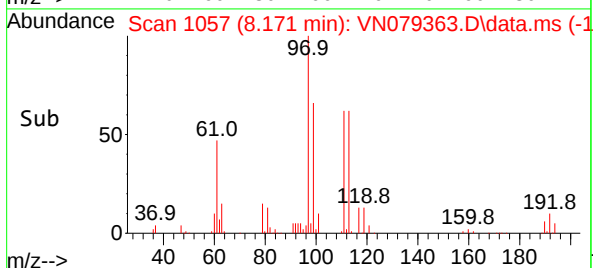
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

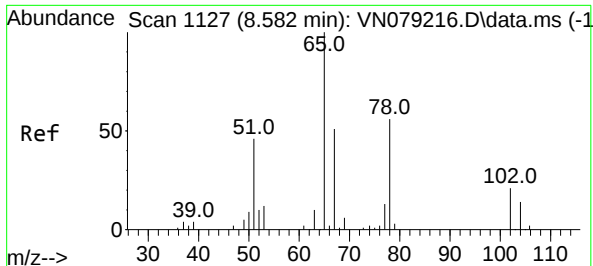


#32
1,1,1-Trichloroethane
Concen: 54.891 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53



Tgt Ion: 97 Resp: 197437
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 51.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 61.466 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 14612

Ion Ratio Lower Upper

65 100

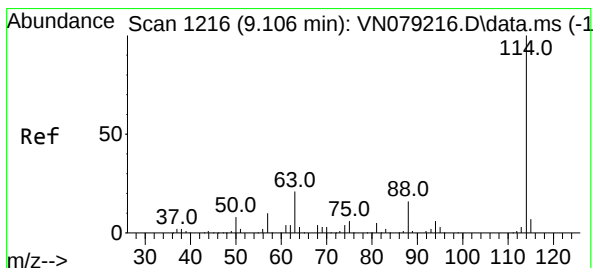
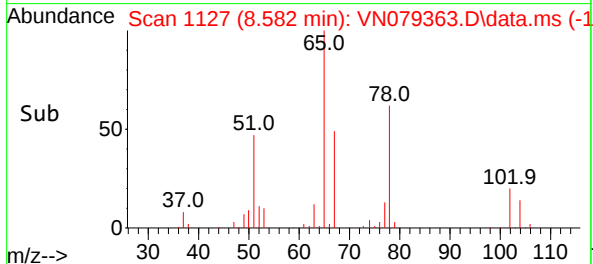
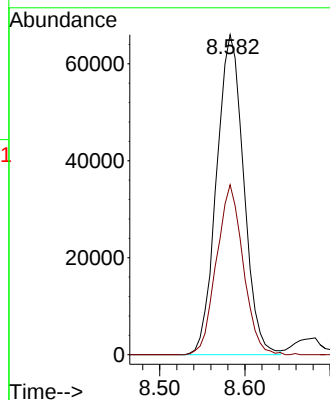
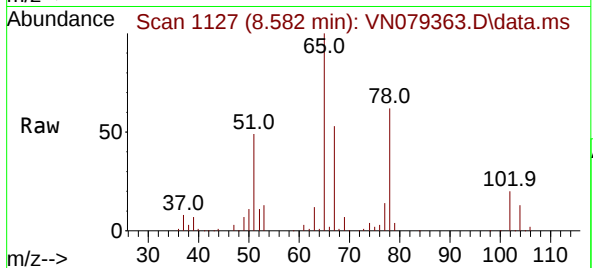
67 52.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

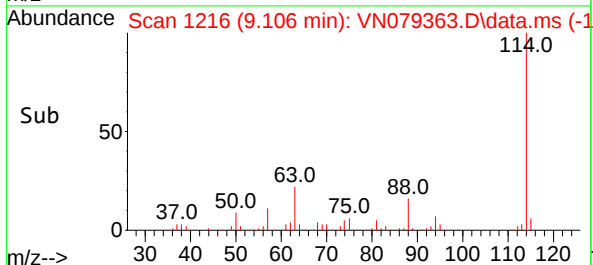
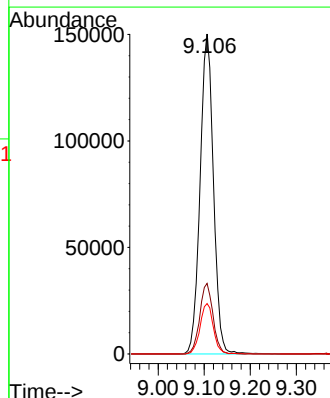
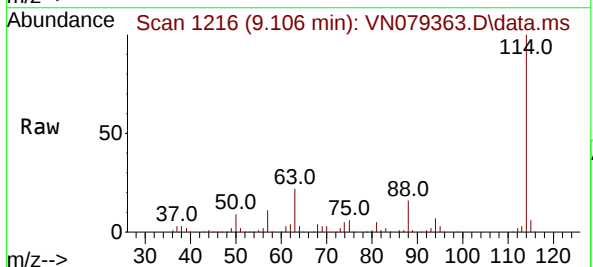
Tgt Ion:114 Resp: 303382

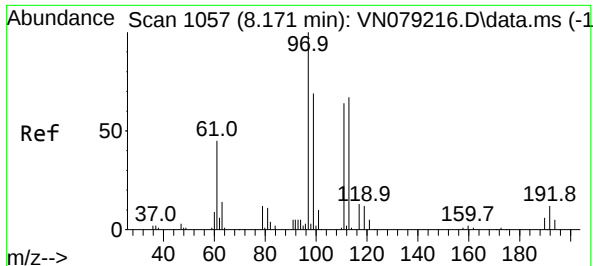
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.432 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 115900

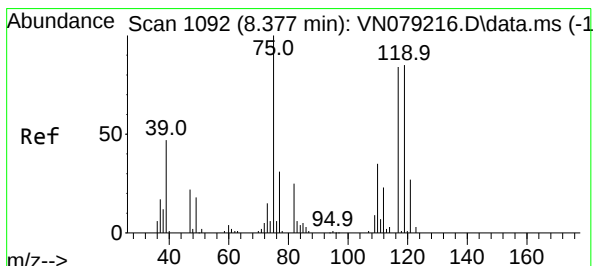
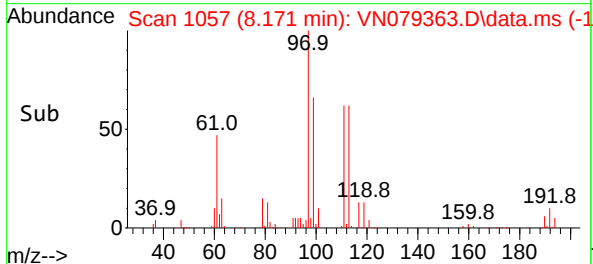
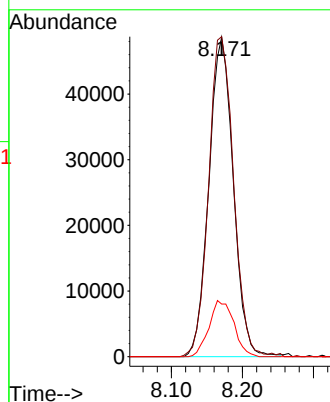
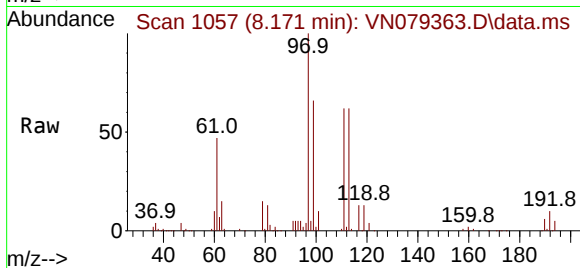
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	17.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#36

1,1-Dichloropropene

Concen: 52.974 ug/l

RT: 8.371 min Scan# 1091

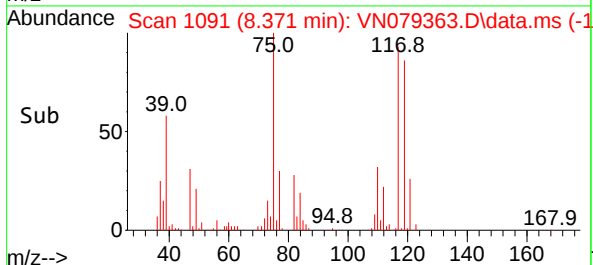
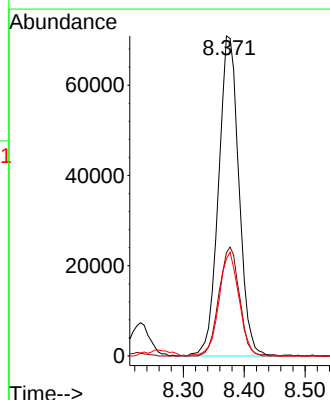
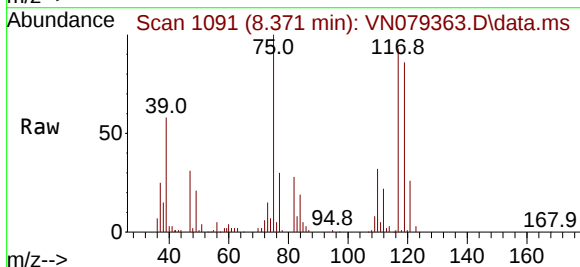
Delta R.T. -0.006 min

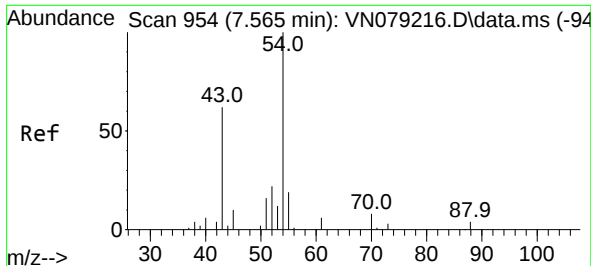
Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

Tgt Ion: 75 Resp: 164778

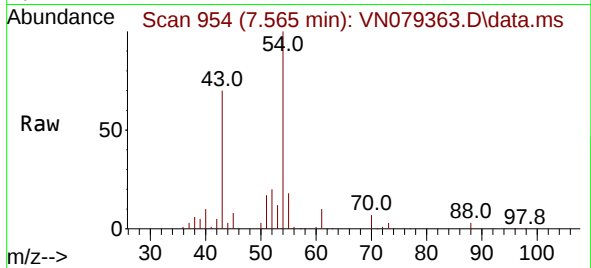
Ion	Ratio	Lower	Upper
75	100		
110	34.1	19.1	57.3
77	31.8	25.0	37.4





#37
Ethyl Acetate
Concen: 54.971 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

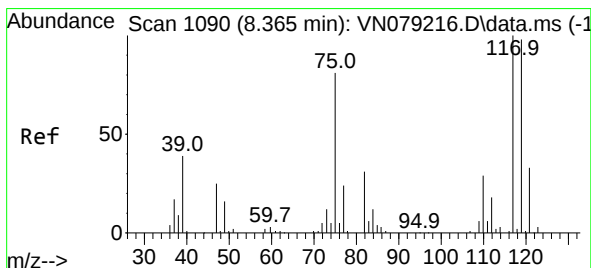
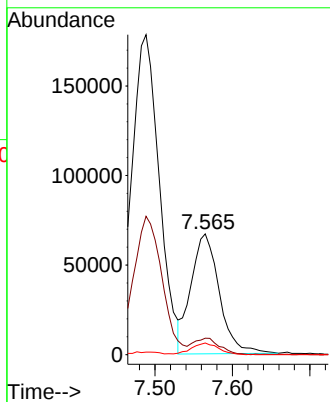
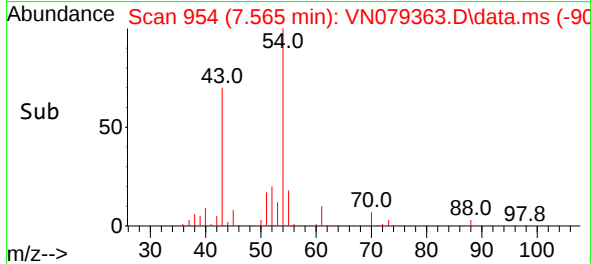
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 170549
Ion Ratio Lower Upper
43 100
61 12.6 13.2 19.8
70 9.2 11.3 16.9

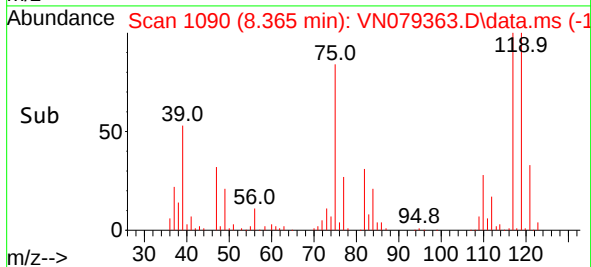
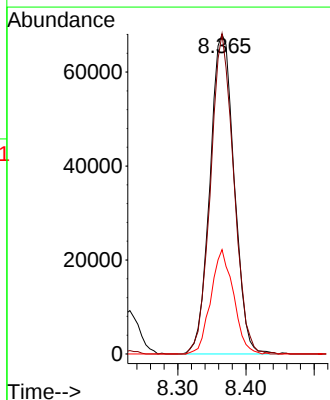
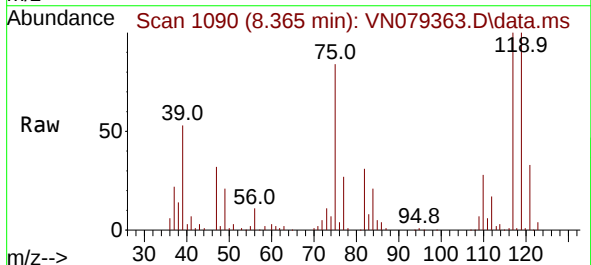
Manual Integrations
APPROVED

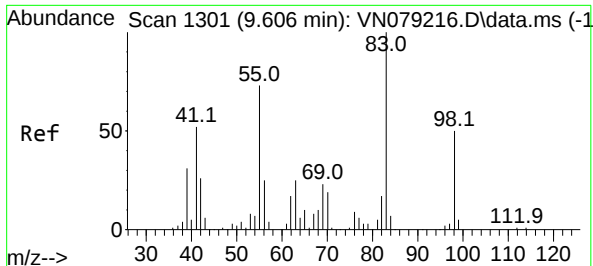
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#38
Carbon Tetrachloride
Concen: 52.226 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Tgt Ion:117 Resp: 168112
Ion Ratio Lower Upper
117 100
119 100.1 77.3 115.9
121 32.6 23.3 34.9





#39

Methylcyclohexane

Concen: 52.357 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 160640

Ion Ratio Lower Upper

83 100

55 79.3 49.1 73.7

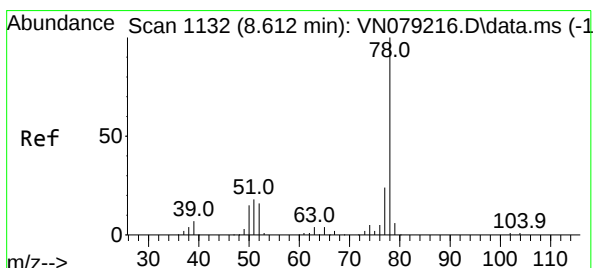
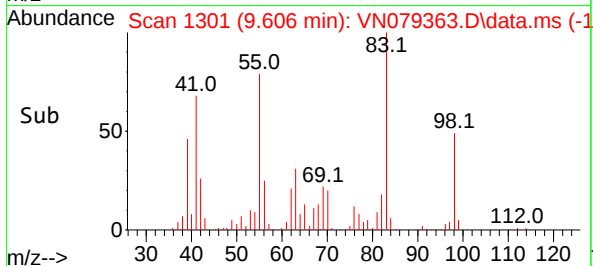
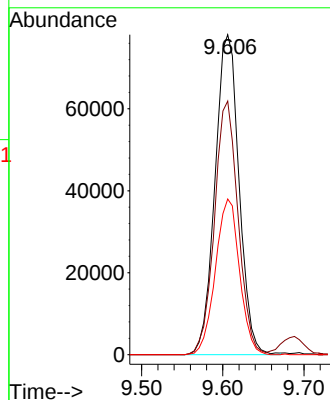
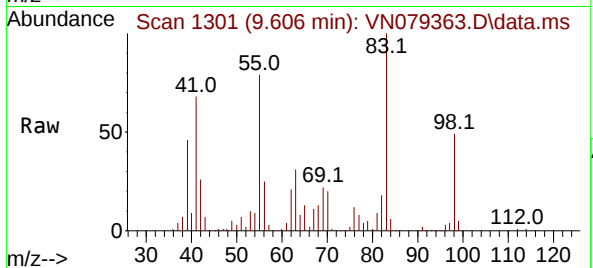
98 48.7 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#40

Benzene

Concen: 52.860 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079363.D

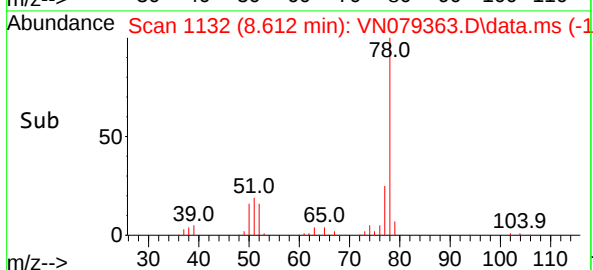
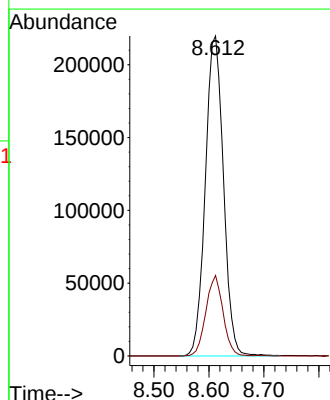
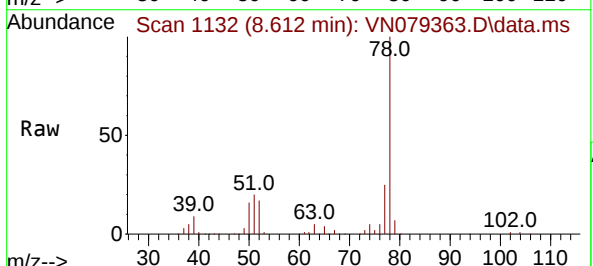
Acq: 28 Sep 2023 09:53

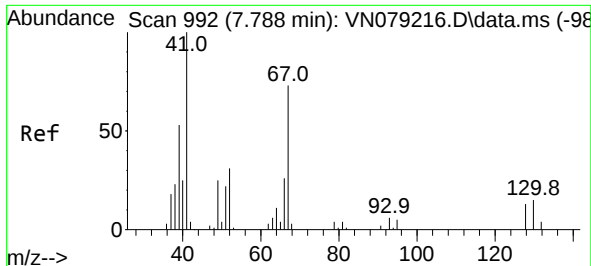
Tgt Ion: 78 Resp: 503341

Ion Ratio Lower Upper

78 100

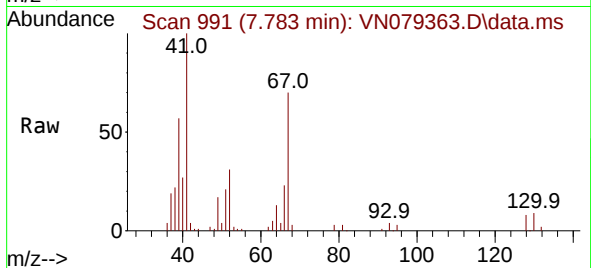
77 25.1 19.0 28.6





#41
Methacrylonitrile
Concen: 57.327 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

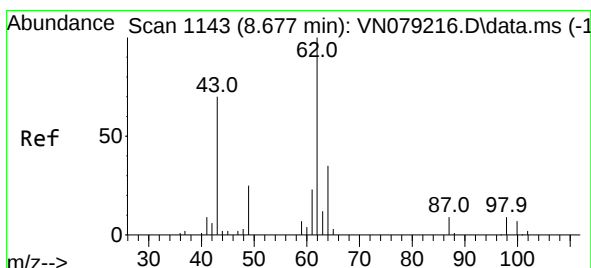
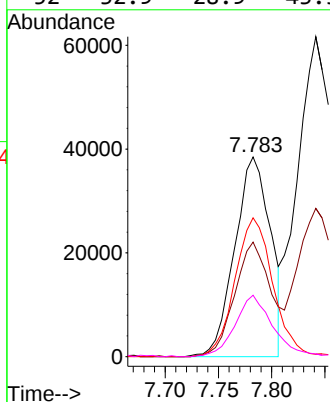
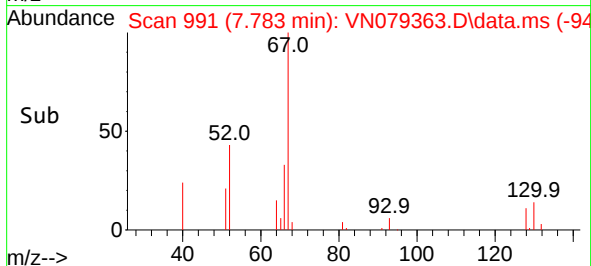
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 8967
Ion Ratio Lower Upper
41 100
39 59.8 42.6 64.0
67 74.5 77.5 116.3
52 32.9 28.9 43.3

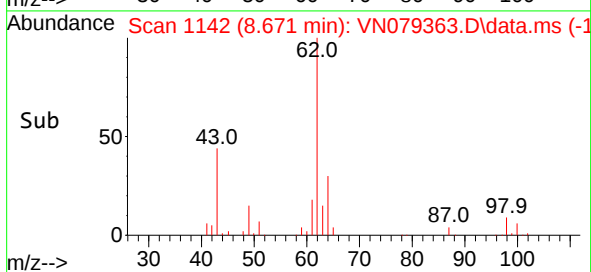
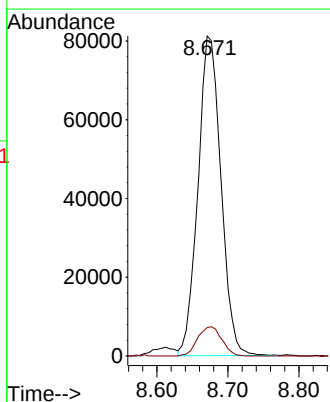
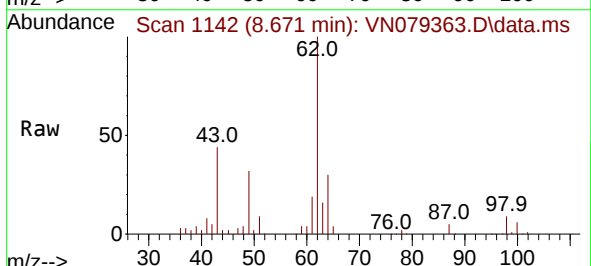
Manual Integrations
APPROVED

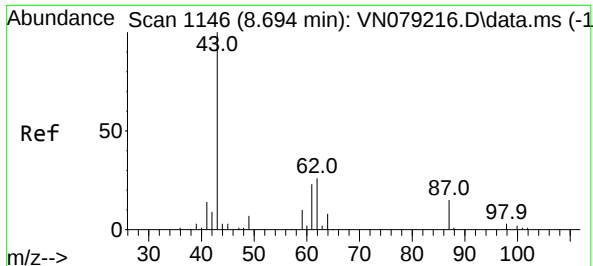
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#42
1,2-Dichloroethane
Concen: 55.749 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

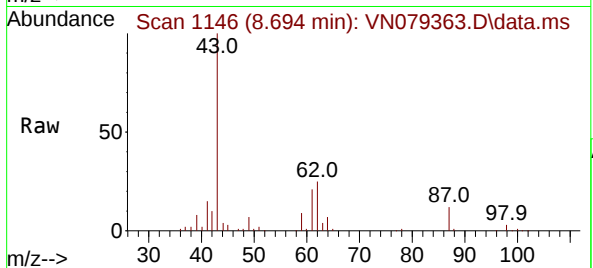
Tgt Ion: 62 Resp: 182752
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 55.161 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

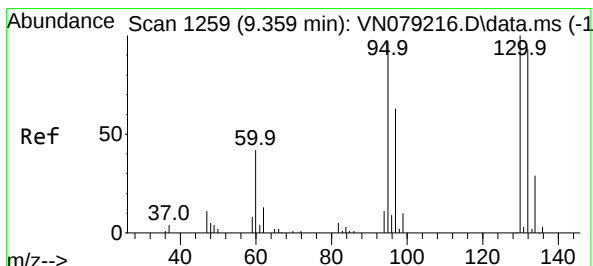
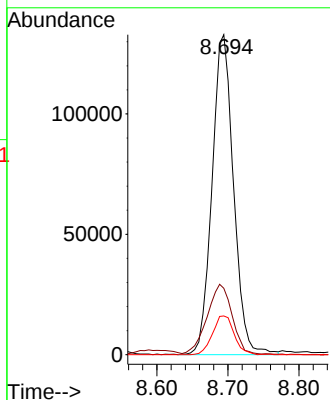
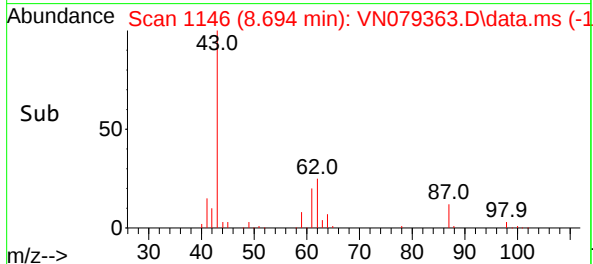
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



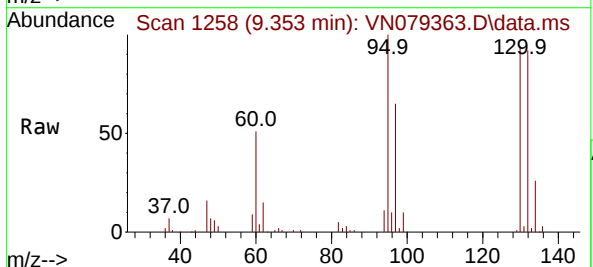
Tgt Ion: 43 Resp: 27924
Ion Ratio Lower Upper
43 100
61 25.9 24.7 37.1
87 12.2 14.6 21.8

Manual Integrations
APPROVED

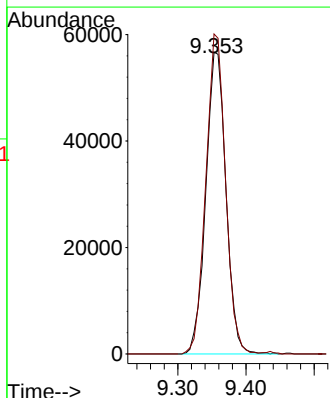
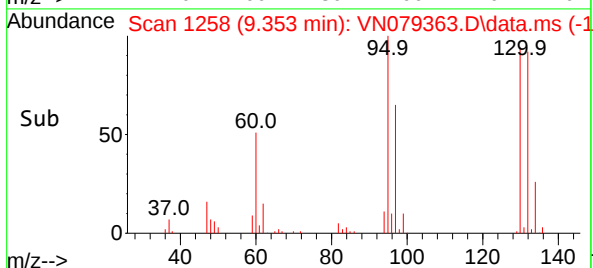
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

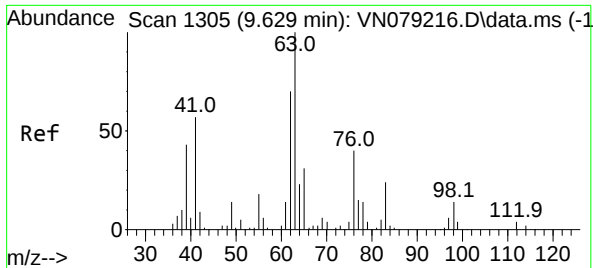


#44
Trichloroethene
Concen: 49.697 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53



Tgt Ion:130 Resp: 116574
Ion Ratio Lower Upper
130 100
95 106.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 58.849 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 13907

Ion Ratio Lower Upper

63 100

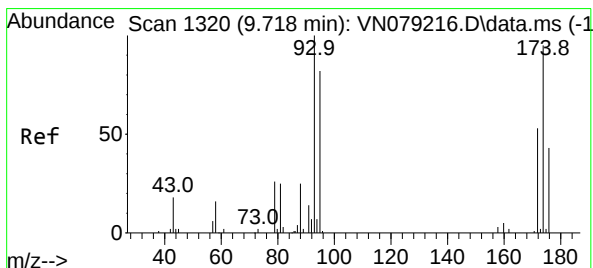
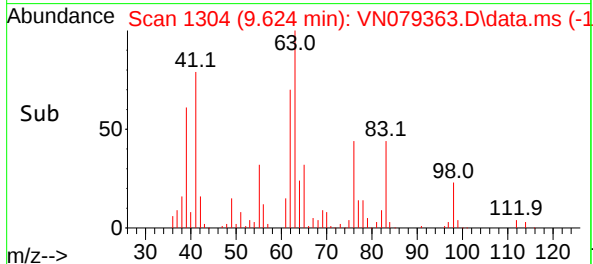
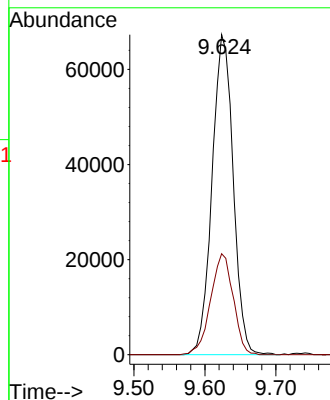
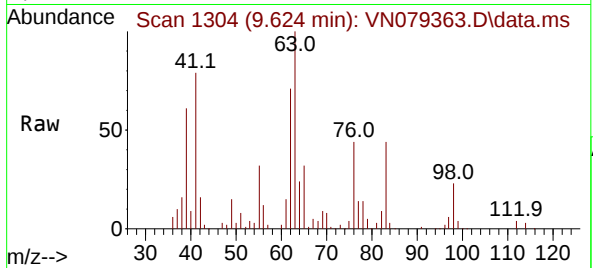
65 31.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#46

Dibromomethane

Concen: 56.606 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

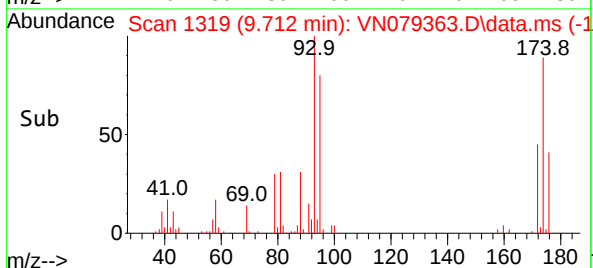
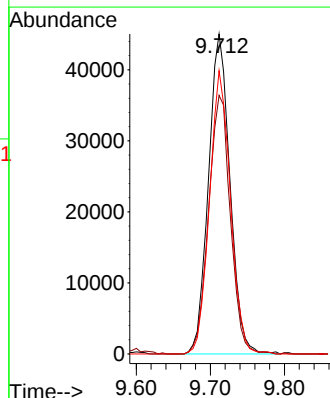
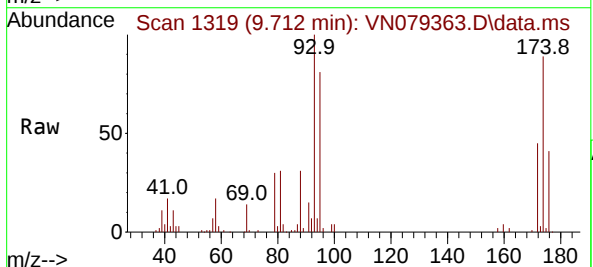
Tgt Ion: 93 Resp: 90811

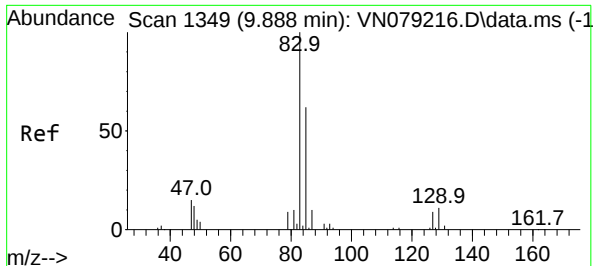
Ion Ratio Lower Upper

93 100

95 81.9 63.8 95.8

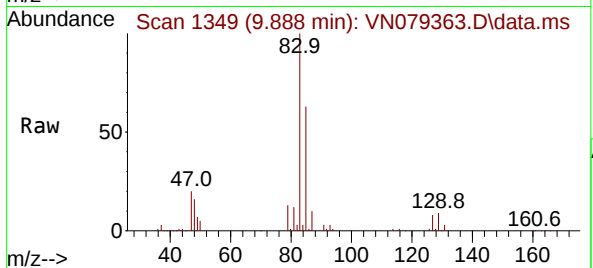
174 86.3 65.6 98.4





#47
Bromodichloromethane
Concen: 58.652 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

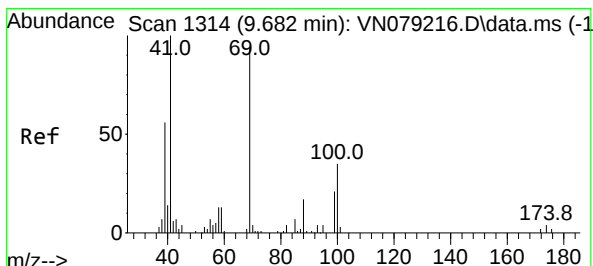
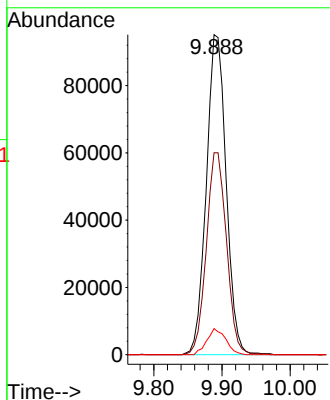
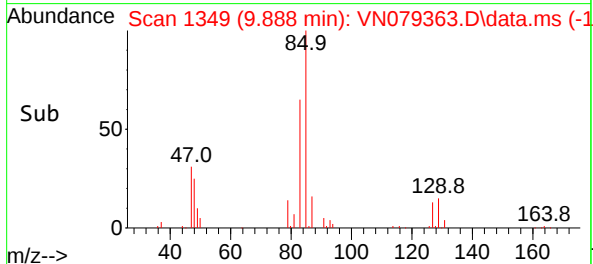
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 192723
Ion Ratio Lower Upper
83 100
85 63.1 49.6 74.4
127 8.1 7.0 10.6

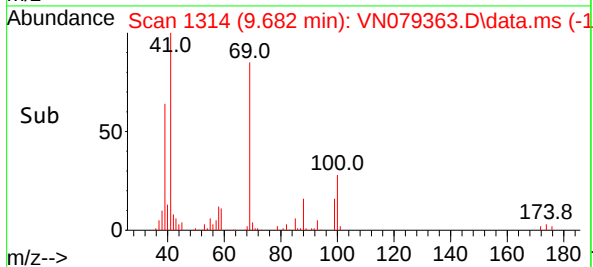
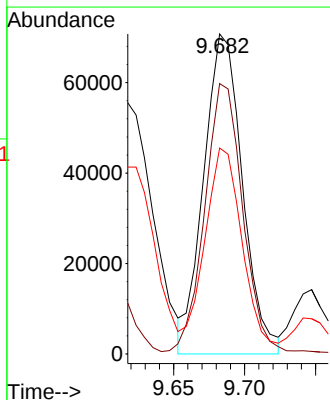
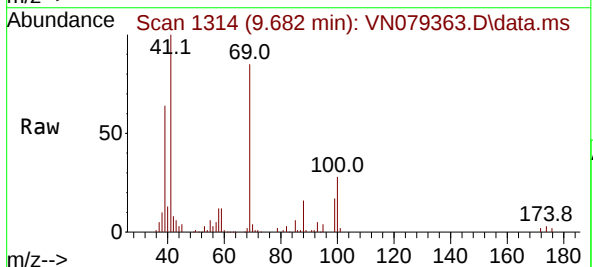
Manual Integrations
APPROVED

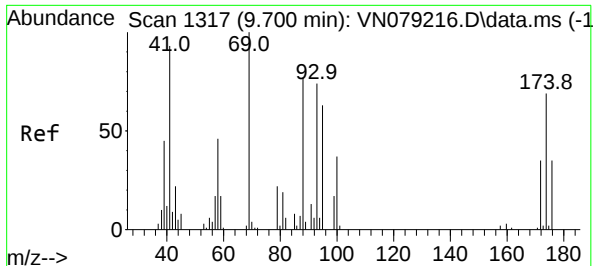
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#48
Methyl methacrylate
Concen: 59.303 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Tgt Ion: 41 Resp: 134473
Ion Ratio Lower Upper
41 100
69 82.9 90.4 135.6#
39 63.2 54.6 81.8





#49

1,4-Dioxane

Concen: 995.149 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4641

Ion Ratio Lower Upper

88 100

43 32.3 17.0 25.6

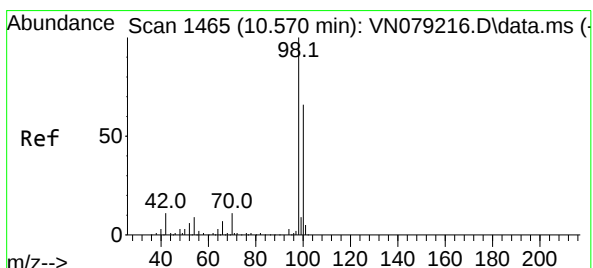
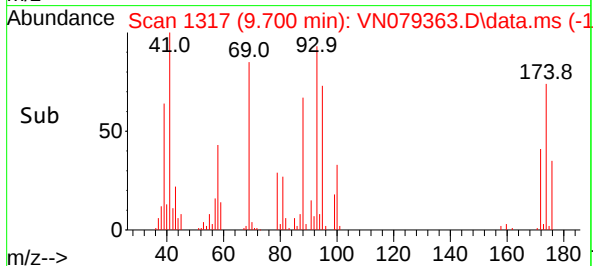
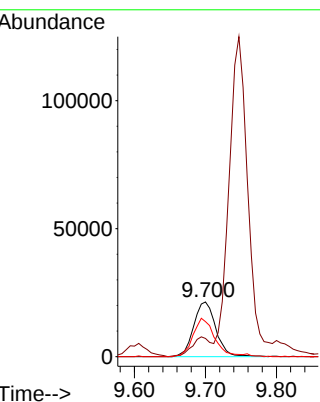
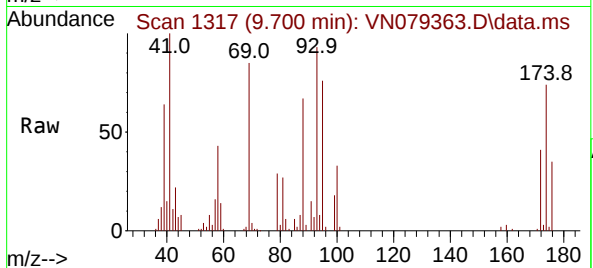
58 70.2 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#50

Toluene-d8

Concen: 57.576 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079363.D

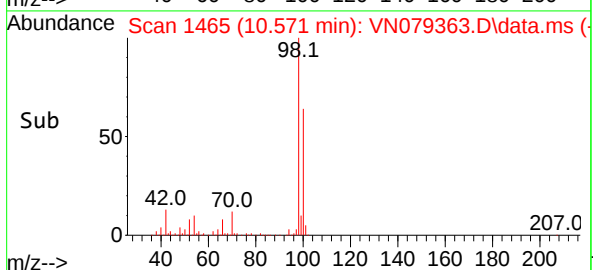
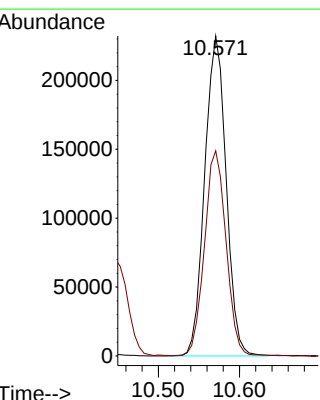
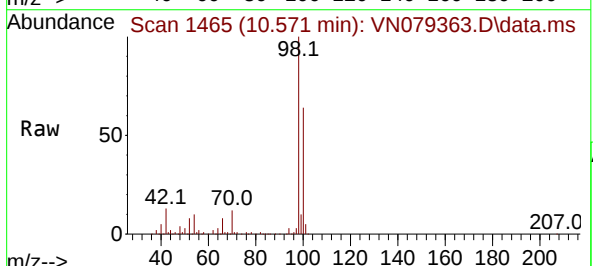
Acq: 28 Sep 2023 09:53

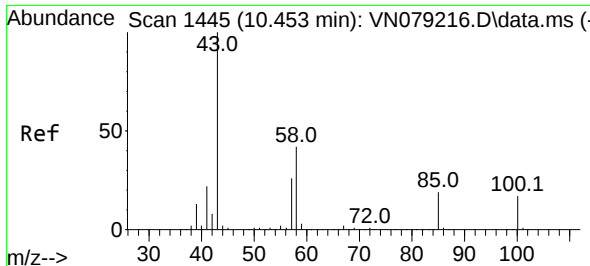
Tgt Ion: 98 Resp: 426633

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





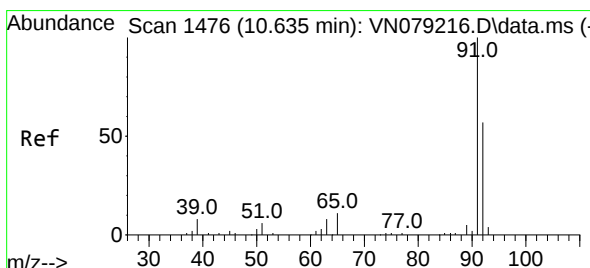
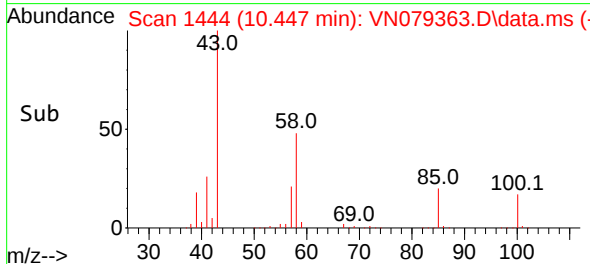
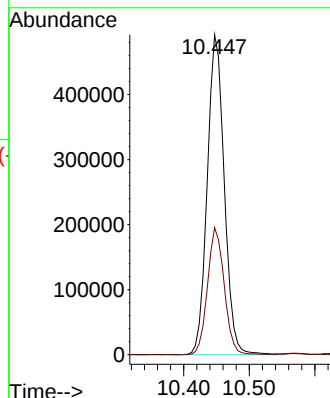
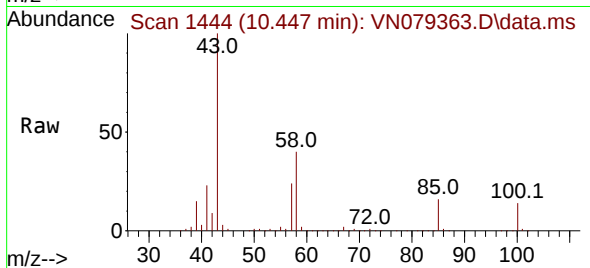
#51
4-Methyl-2-Pentanone
Concen: 302.667 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 88944
Ion Ratio Lower Upper
43 100
58 38.9 36.6 54.8

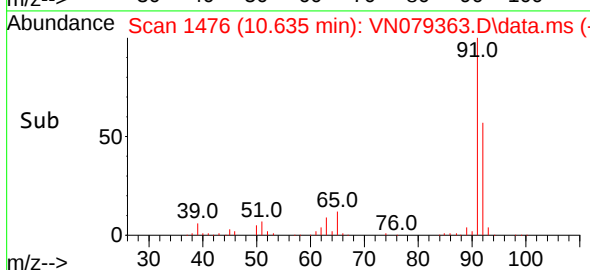
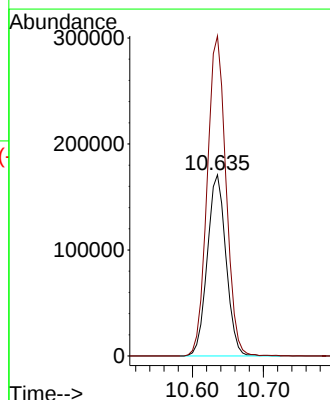
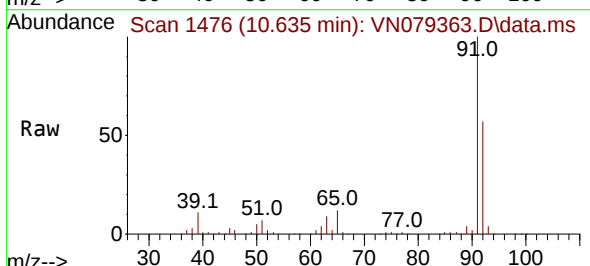
Manual Integrations
APPROVED

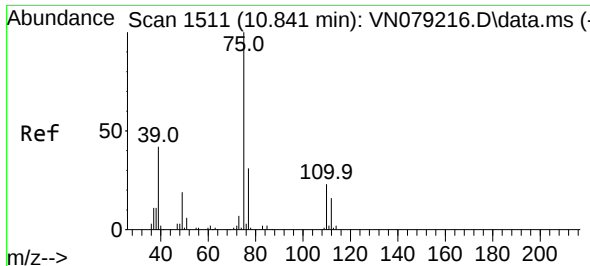
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#52
Toluene
Concen: 53.472 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

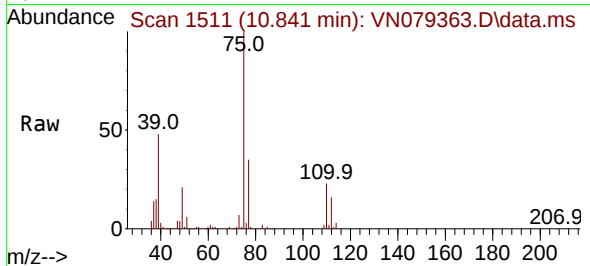
Tgt Ion: 92 Resp: 312915
Ion Ratio Lower Upper
92 100
91 177.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 55.847 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

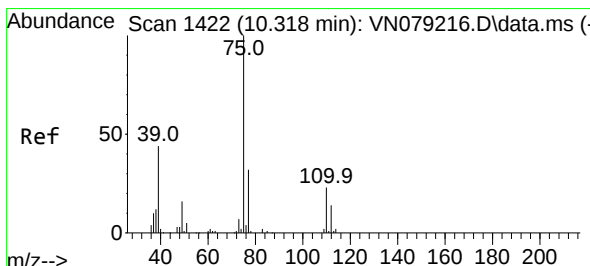
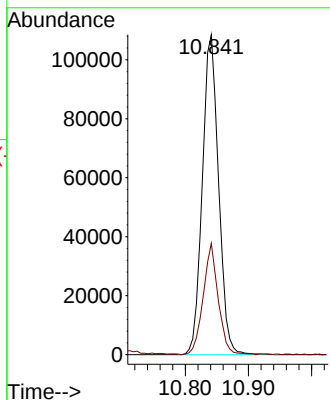
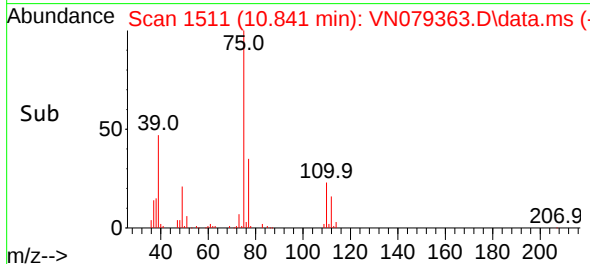
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



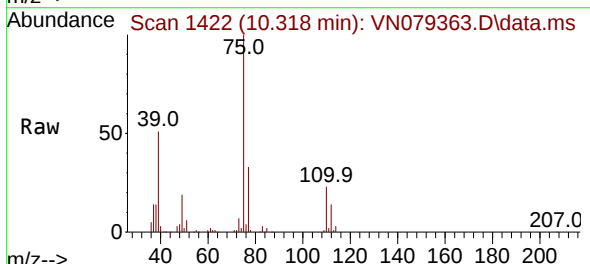
Tgt Ion: 75 Resp: 19349
Ion Ratio Lower Upper
75 100
77 34.6 25.4 38.0

Manual Integrations
APPROVED

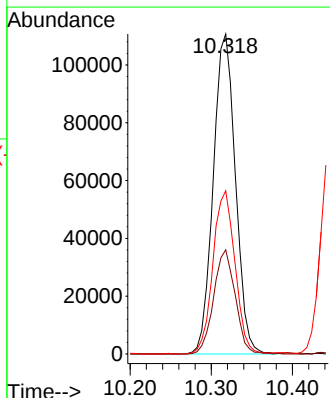
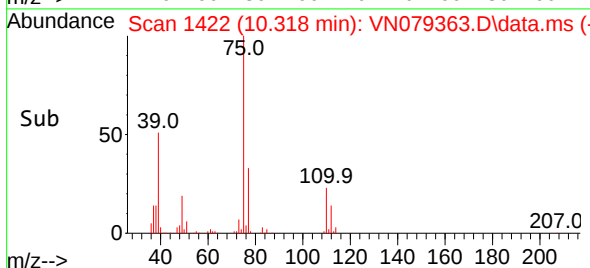
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

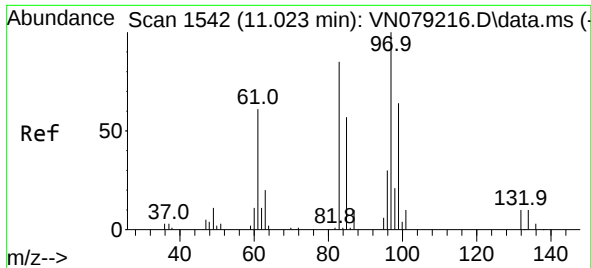


#54
cis-1,3-Dichloropropene
Concen: 56.797 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53



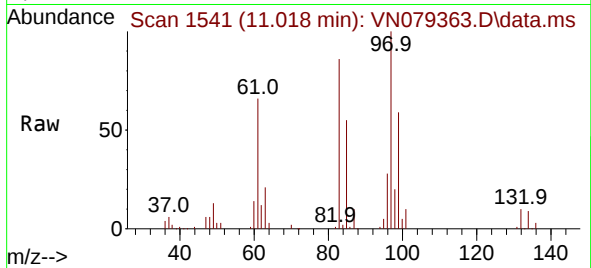
Tgt Ion: 75 Resp: 210477
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
39 51.0 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 55.596 ug/l
RT: 11.018 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

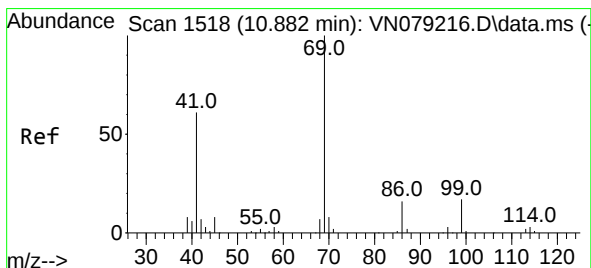
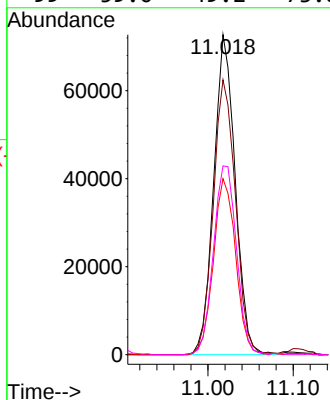
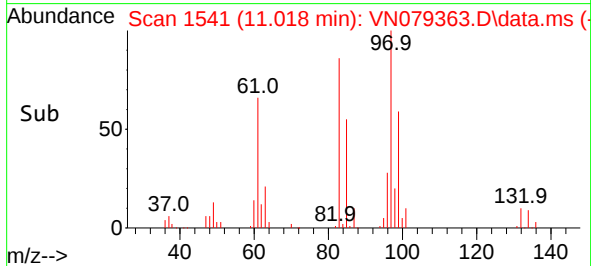
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



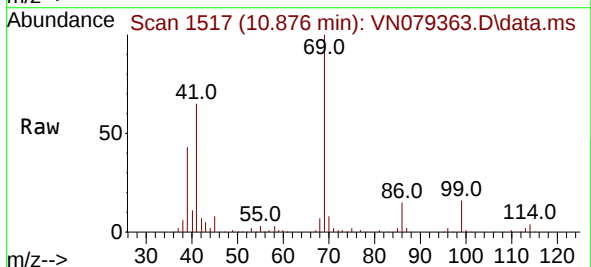
Tgt Ion: 97 Resp: 127659
Ion Ratio Lower Upper
97 100
83 85.9 65.1 97.7
85 55.0 43.4 65.2
99 59.0 49.2 73.8

Manual Integrations
APPROVED

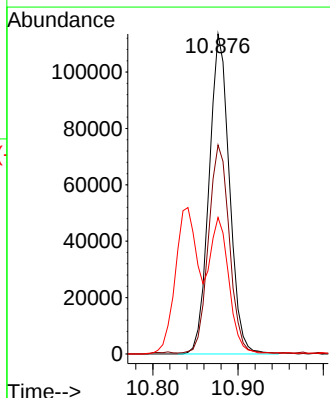
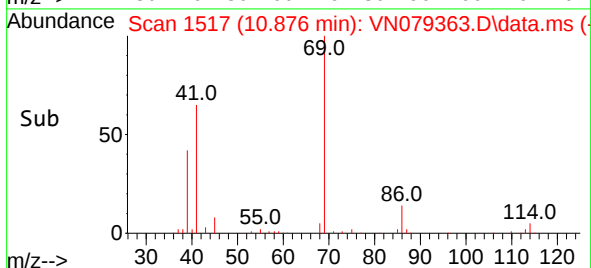
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

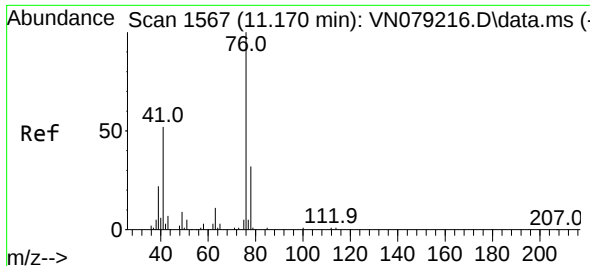


#56
Ethyl methacrylate
Concen: 58.044 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53



Tgt Ion: 69 Resp: 188141
Ion Ratio Lower Upper
69 100
41 66.4 39.6 59.4#
39 40.4 28.6 43.0





#57

1,3-Dichloropropane

Concen: 56.986 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 226199

Ion Ratio Lower Upper

76 100

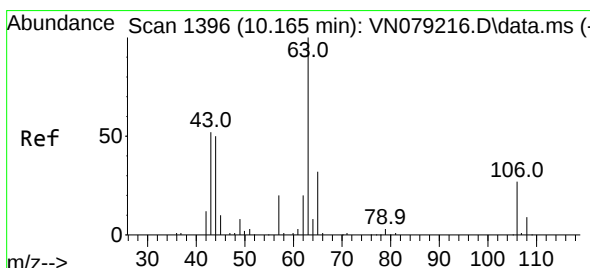
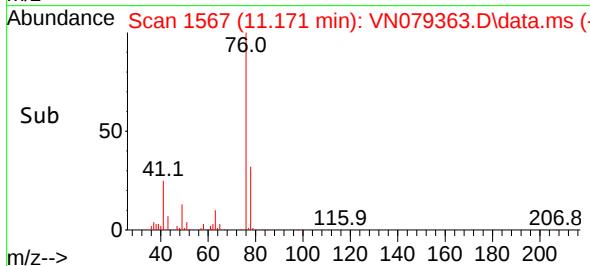
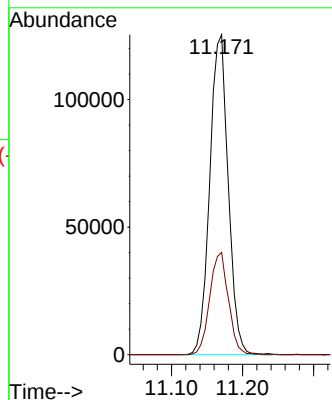
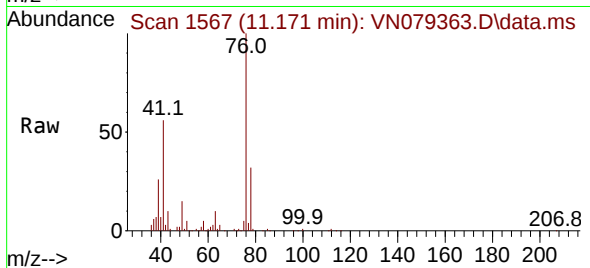
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#58

2-Chloroethyl Vinyl ether

Concen: 274.202 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079363.D

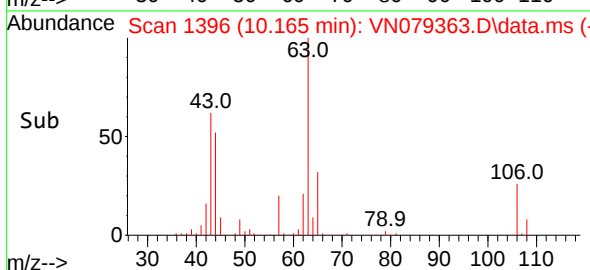
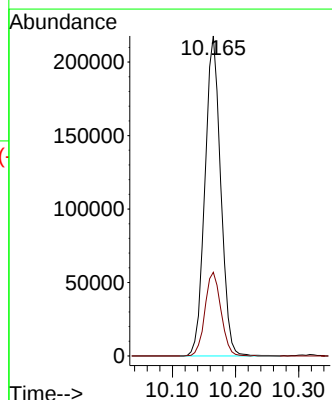
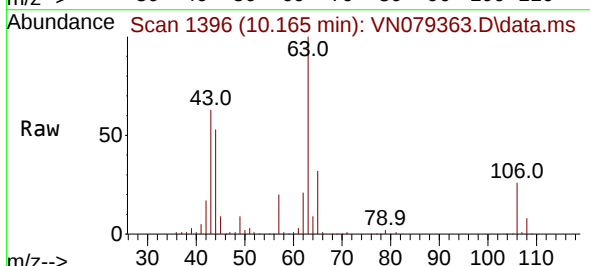
Acq: 28 Sep 2023 09:53

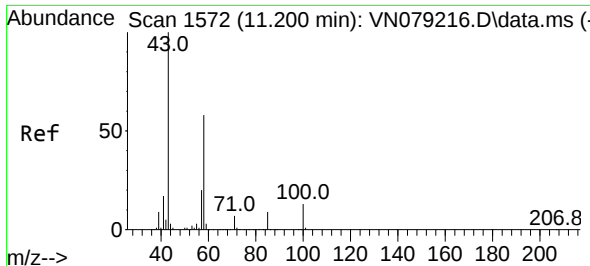
Tgt Ion: 63 Resp: 377878

Ion Ratio Lower Upper

63 100

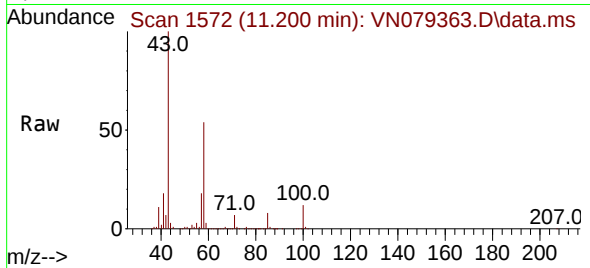
106 26.5 26.2 39.4





#59
2-Hexanone
Concen: 307.682 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

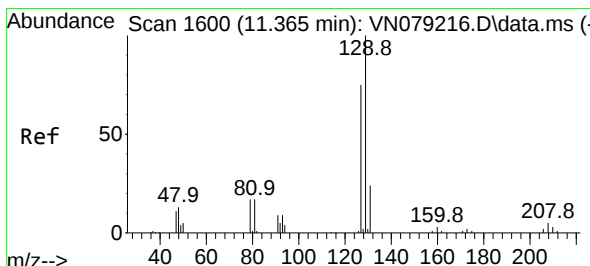
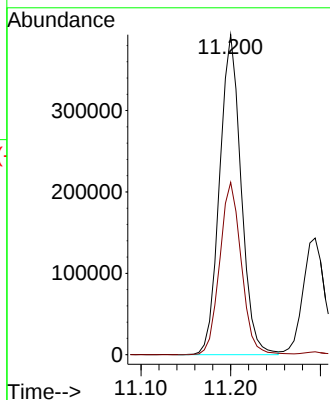
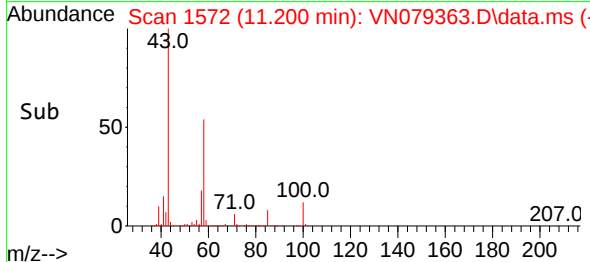
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



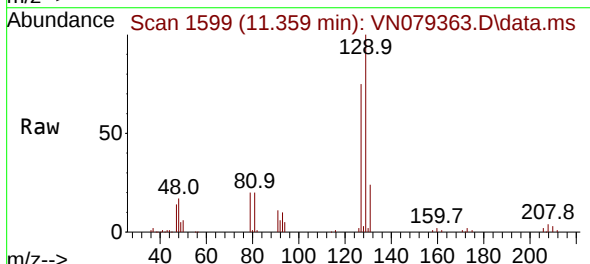
Tgt Ion: 43 Resp: 65488
Ion Ratio Lower Upper
43 100
58 54.1 31.7 95.1

Manual Integrations
APPROVED

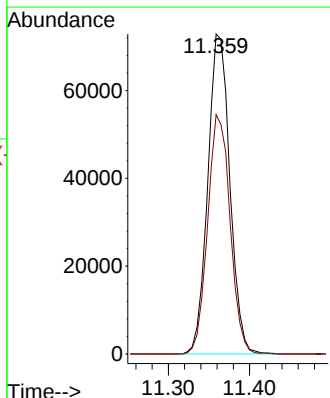
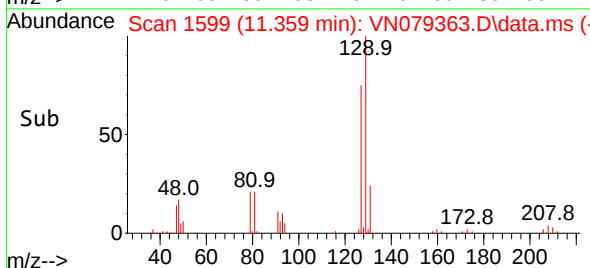
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

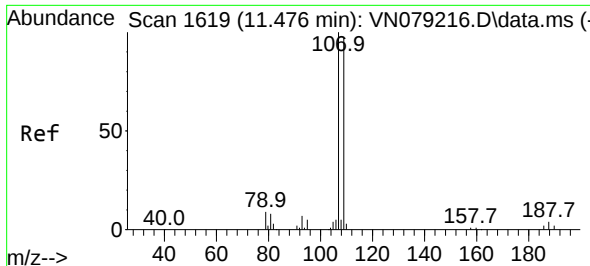


#60
Dibromochloromethane
Concen: 56.223 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53



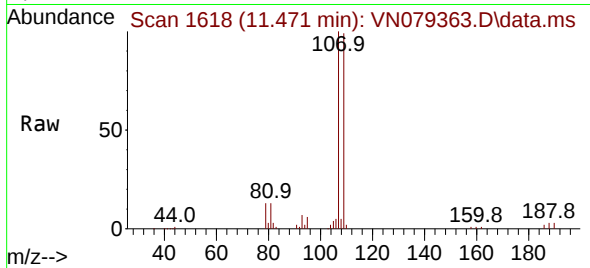
Tgt Ion:129 Resp: 137396
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.765 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

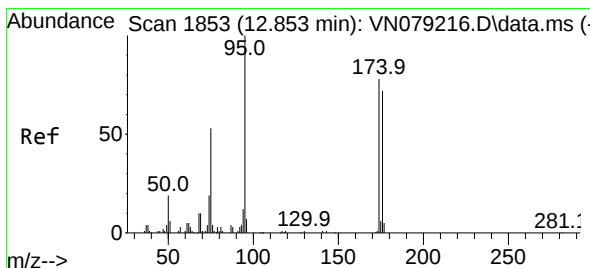
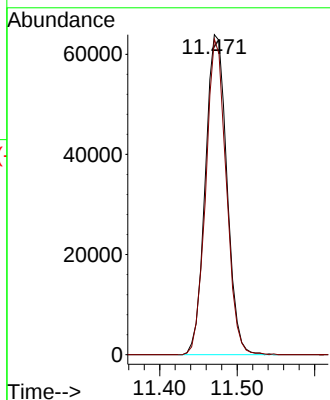
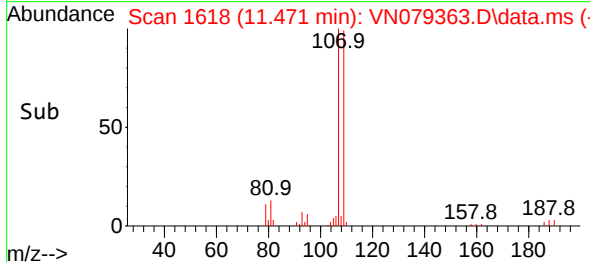
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



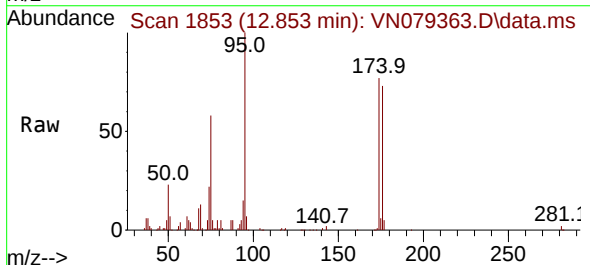
Tgt Ion:107 Resp: 123204
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

Manual Integrations
APPROVED

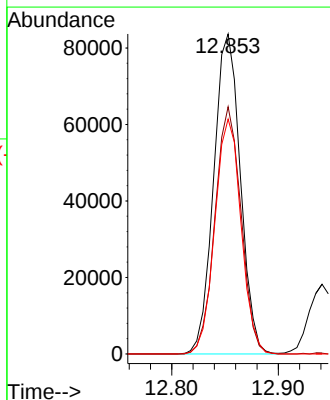
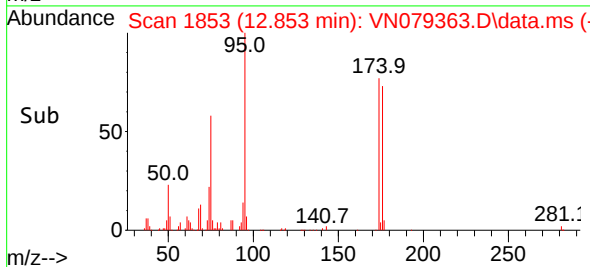
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

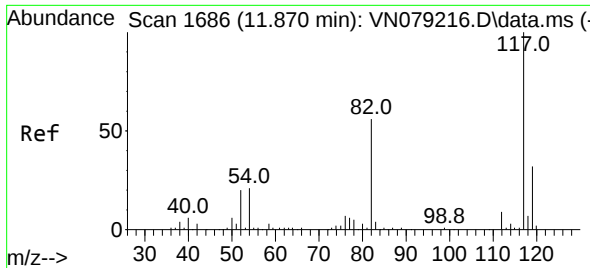


#62
4-Bromofluorobenzene
Concen: 61.432 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53



Tgt Ion: 95 Resp: 145202
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 72.3 0.0 135.8





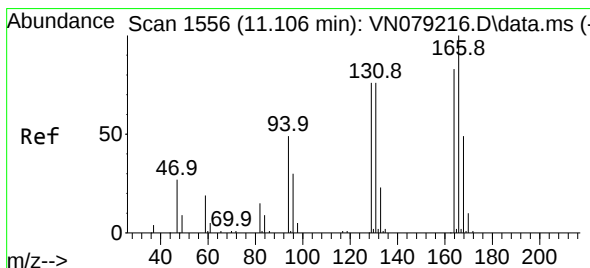
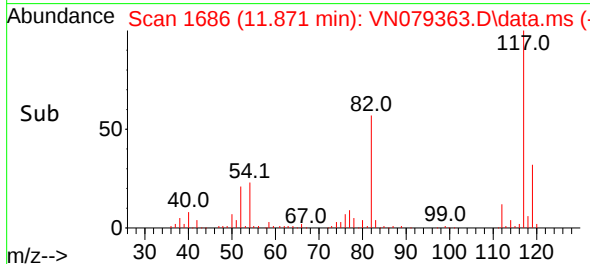
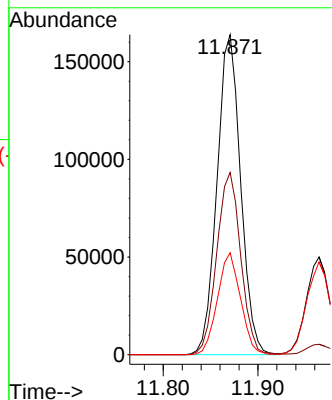
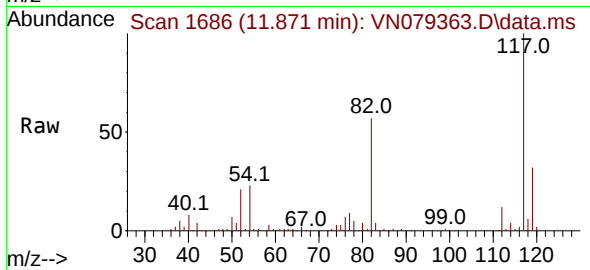
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 28417
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 31.9 25.6 38.4

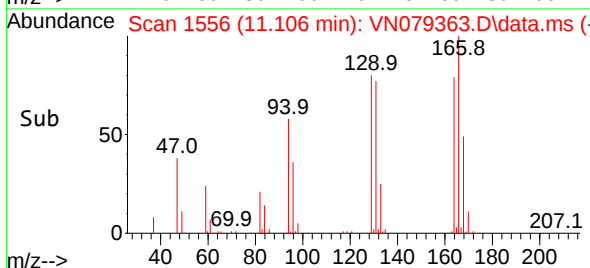
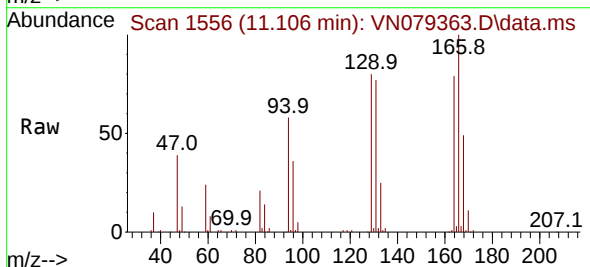
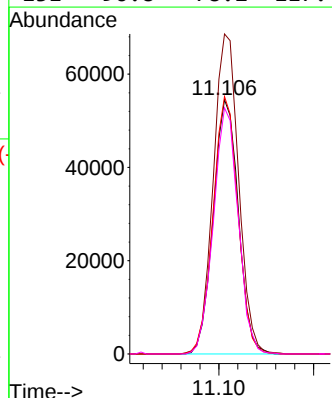
Manual Integrations
APPROVED

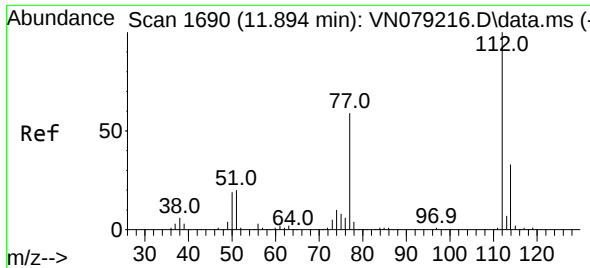
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#64
Tetrachloroethene
Concen: 48.326 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

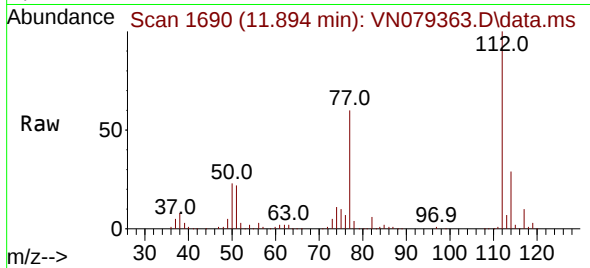
Tgt Ion:164 Resp: 100136
Ion Ratio Lower Upper
164 100
166 125.9 101.4 152.0
129 101.3 82.4 123.6
131 96.8 78.2 117.4





#65
Chlorobenzene
Concen: 50.476 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

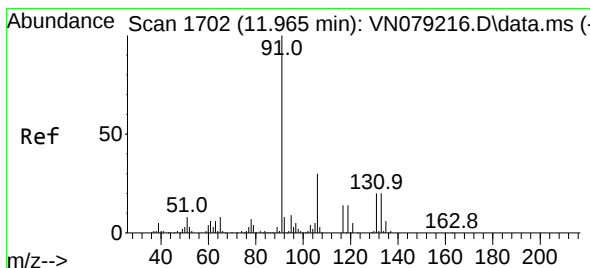
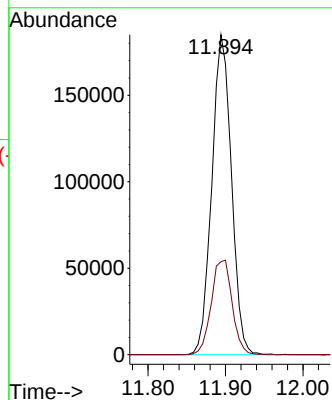
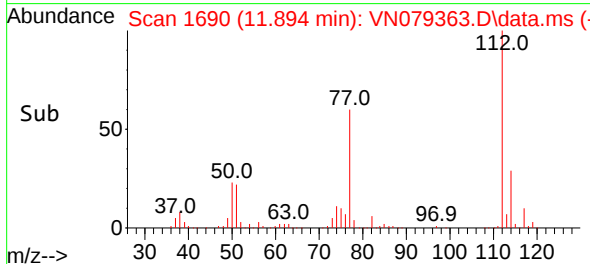
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



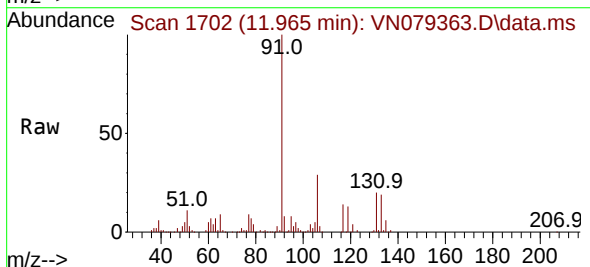
Tgt Ion:112 Resp: 32494
Ion Ratio Lower Upper
112 100
114 29.1 25.0 37.4

Manual Integrations
APPROVED

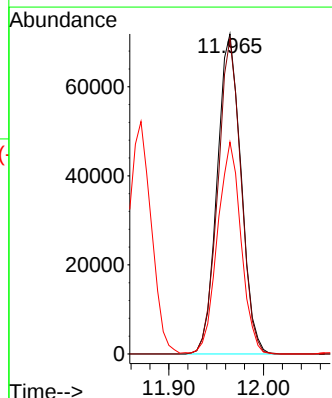
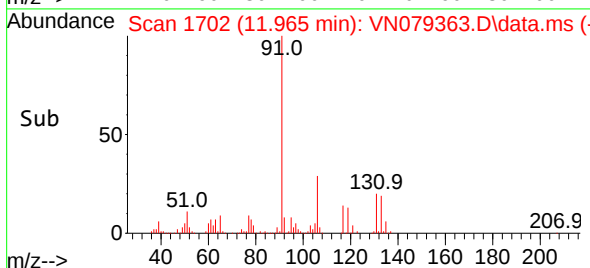
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

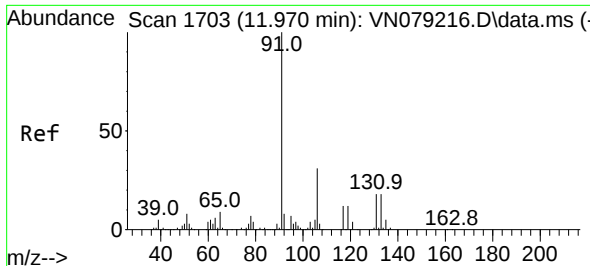


#66
1,1,1,2-Tetrachloroethane
Concen: 52.101 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53



Tgt Ion:131 Resp: 125774
Ion Ratio Lower Upper
131 100
133 95.8 46.4 139.1
119 65.4 34.1 102.2





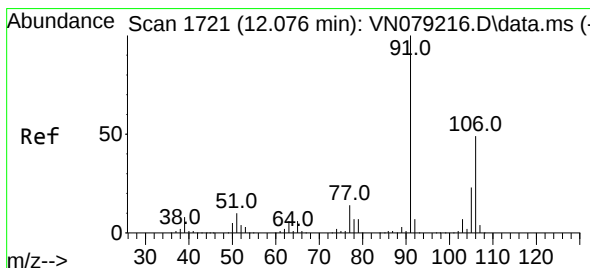
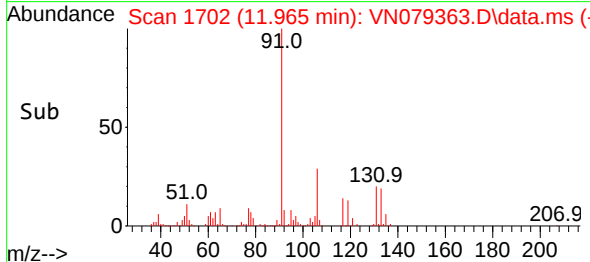
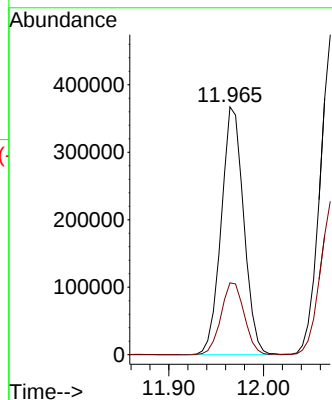
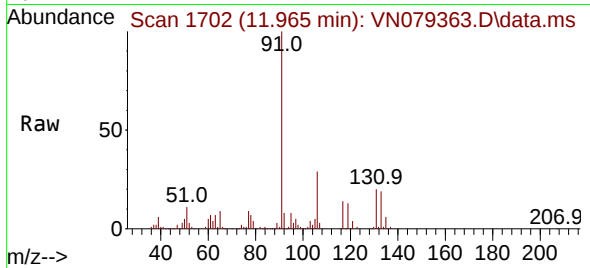
#67
Ethyl Benzene
Concen: 55.082 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 60652
Ion Ratio Lower Upper
91 100
106 29.0 25.6 38.4

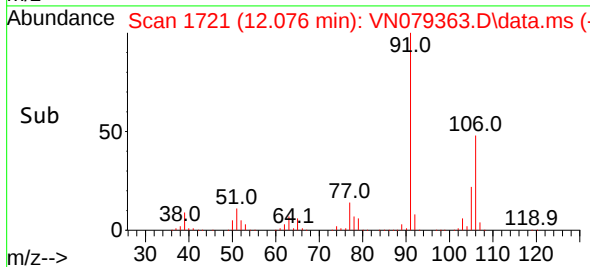
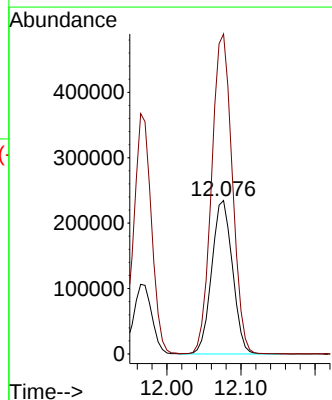
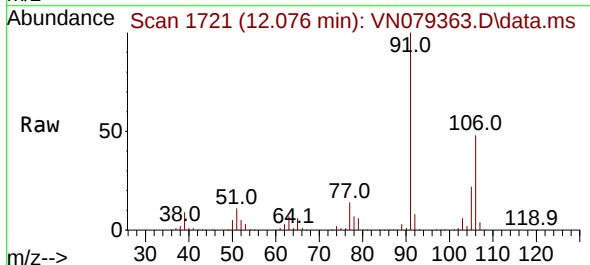
Manual Integrations
APPROVED

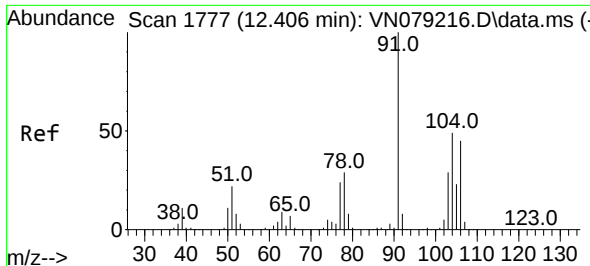
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#68
m/p-Xylenes
Concen: 111.006 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Tgt Ion:106 Resp: 455610
Ion Ratio Lower Upper
106 100
91 208.2 159.6 239.4





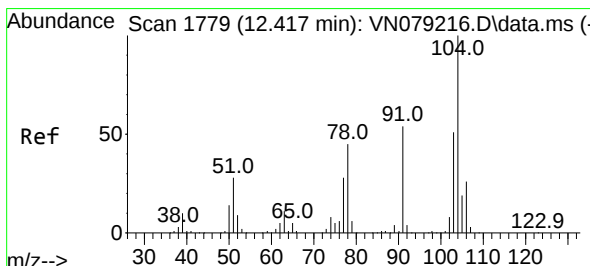
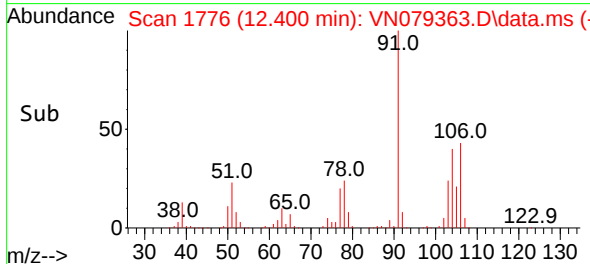
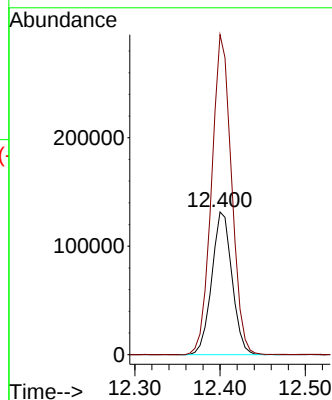
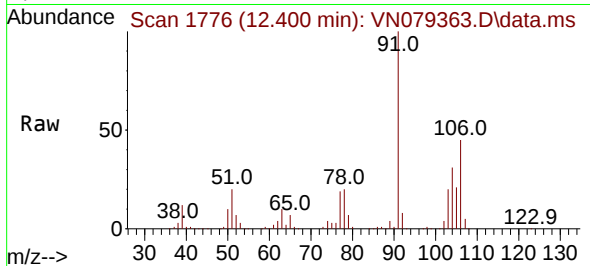
#69
o-Xylene
Concen: 55.114 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 216950
Ion Ratio Lower Upper
106 100
91 221.4 105.2 315.5

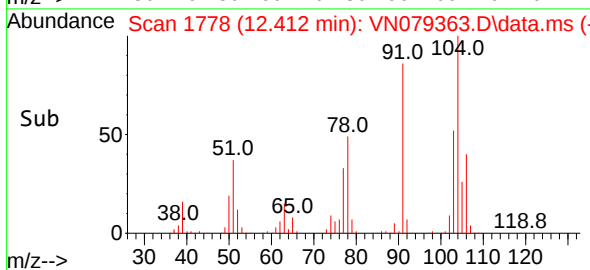
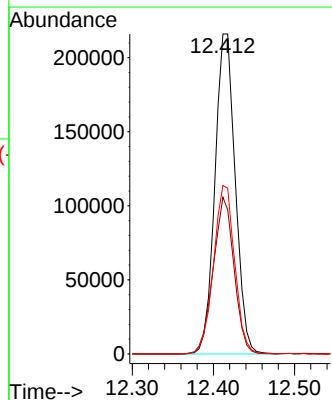
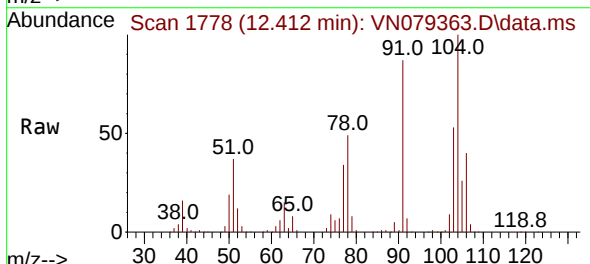
Manual Integrations
APPROVED

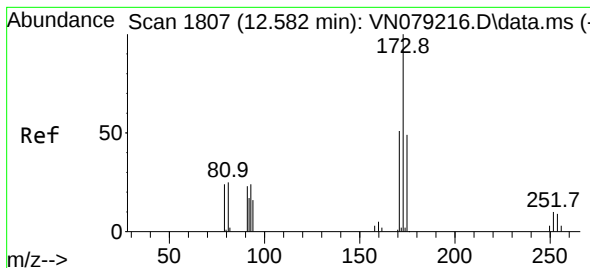
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#70
Styrene
Concen: 59.460 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

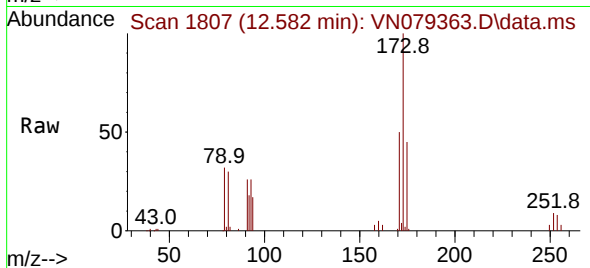
Tgt Ion:104 Resp: 376440
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 54.7 43.2 64.8





#71
Bromoform
Concen: 51.362 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

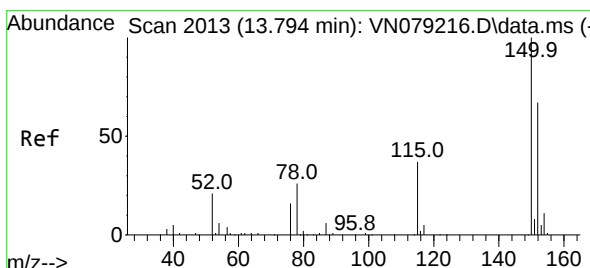
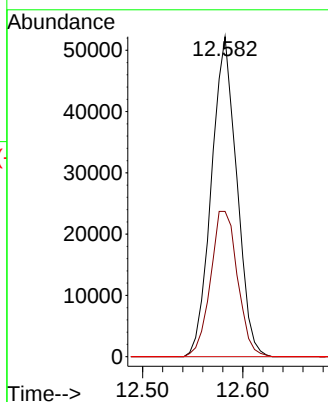
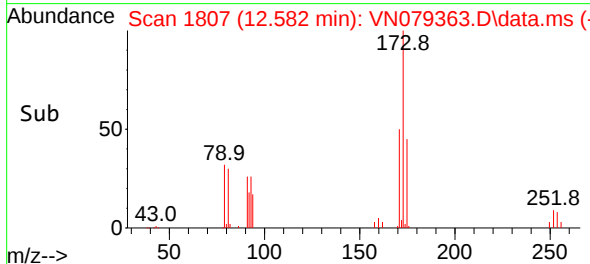
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



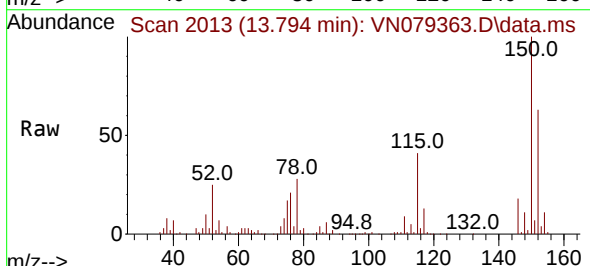
Tgt Ion:173 Resp: 91534
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

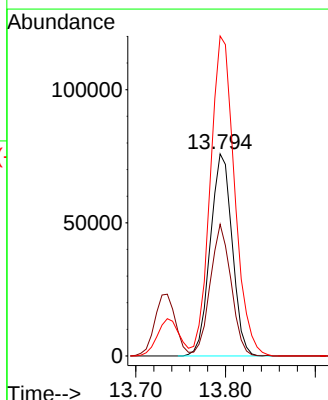
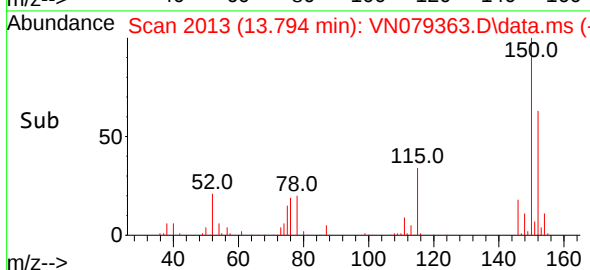
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

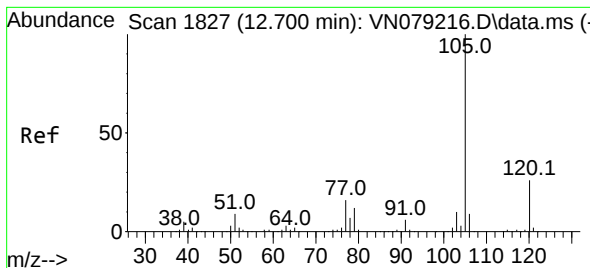


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53



Tgt Ion:152 Resp: 128834
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 175.1 0.0 355.8





#73

Isopropylbenzene

Concen: 48.762 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 57156

Ion Ratio Lower Upper

105 100

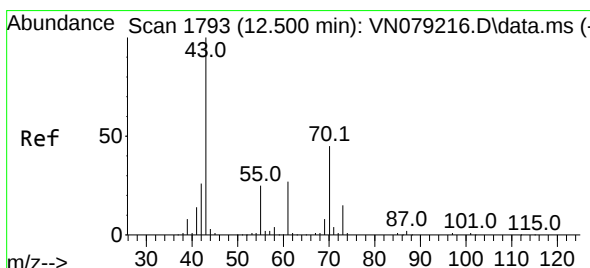
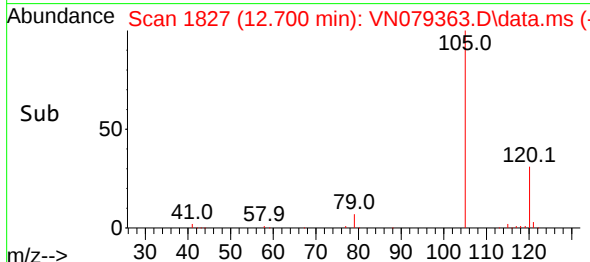
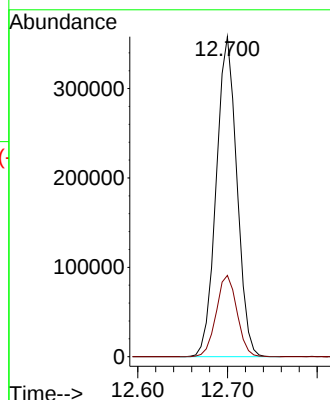
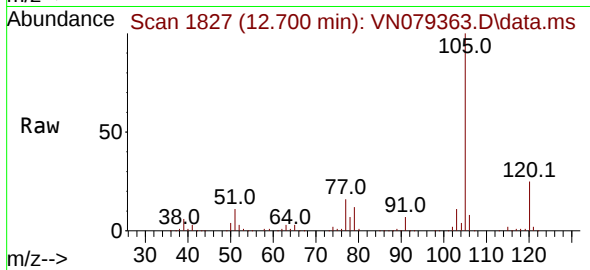
120 25.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#74

N-ethyl acetate

Concen: 50.936 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

Tgt Ion: 43 Resp: 226517

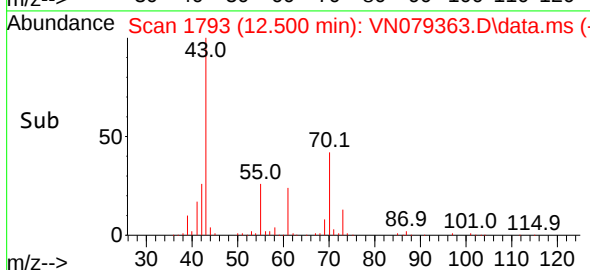
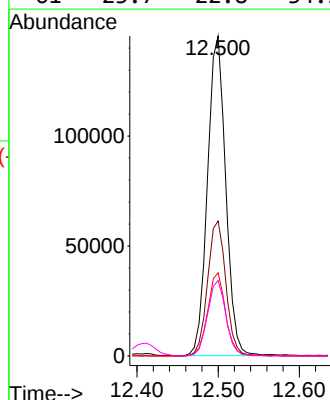
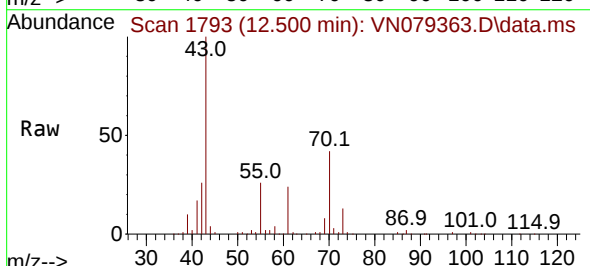
Ion Ratio Lower Upper

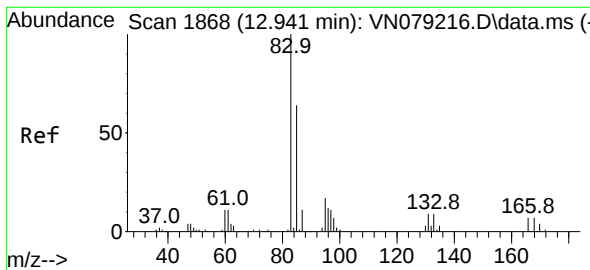
43 100

70 42.4 43.4 65.2

55 25.8 21.4 32.0

61 23.7 22.8 34.2





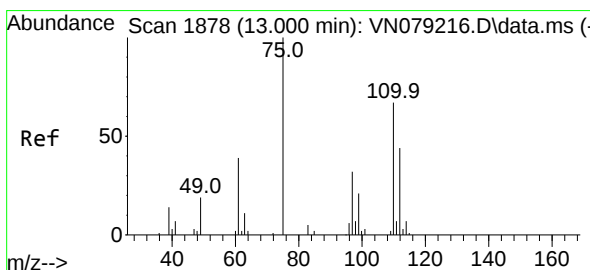
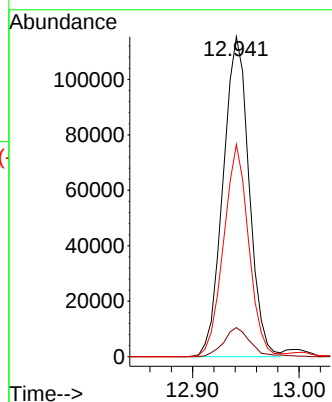
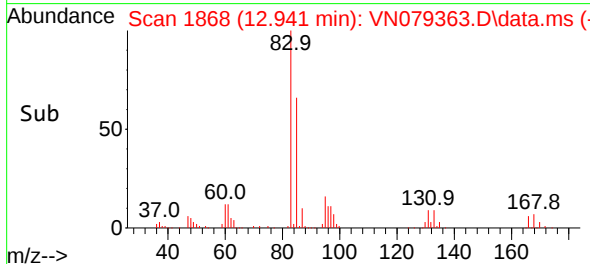
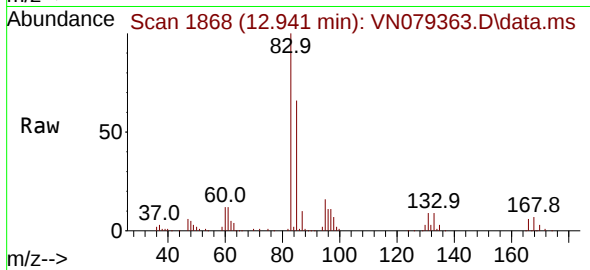
#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.839 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079363.D
 Acq: 28 Sep 2023 09:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 19571
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.0 15.0
 85 63.9 31.9 95.7

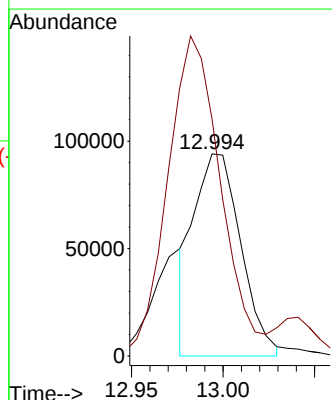
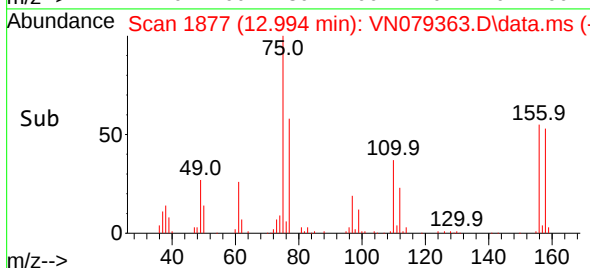
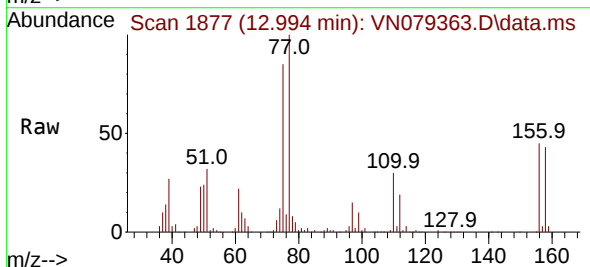
Manual Integrations
 APPROVED

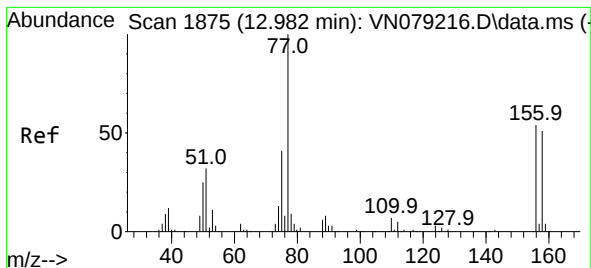
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023



#76
 1,2,3-Trichloropropane
 Concen: 48.281 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.006 min
 Lab File: VN079363.D
 Acq: 28 Sep 2023 09:53

Tgt Ion: 75 Resp: 167644
 Ion Ratio Lower Upper
 75 100
 77 178.9 84.5 253.5





#77

Bromobenzene

Concen: 43.959 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

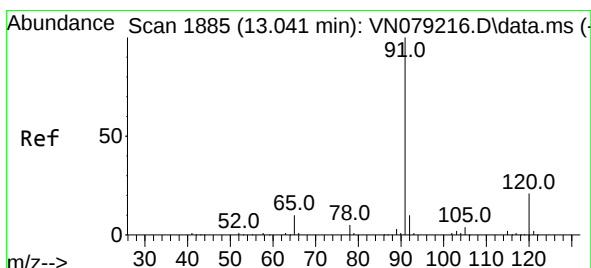
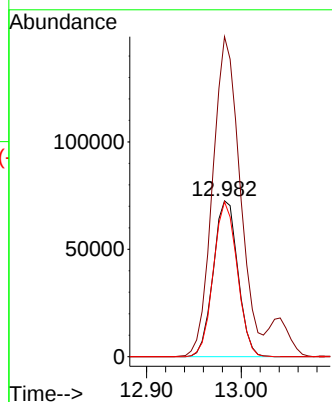
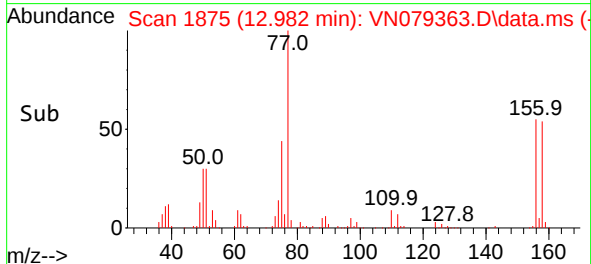
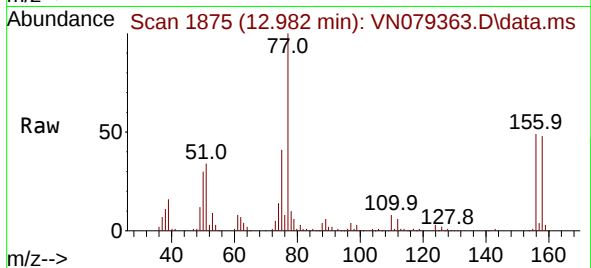
Tgt Ion:156 Resp: 130472
 Ion Ratio Lower Upper
 156 100
 77 229.9 107.7 323.3
 158 96.7 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#78

n-propylbenzene

Concen: 53.016 ug/l

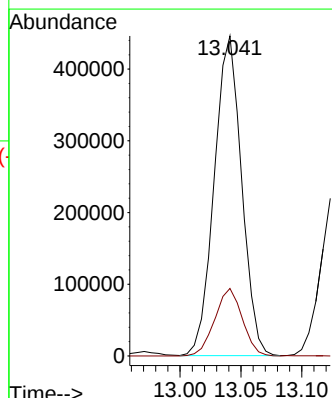
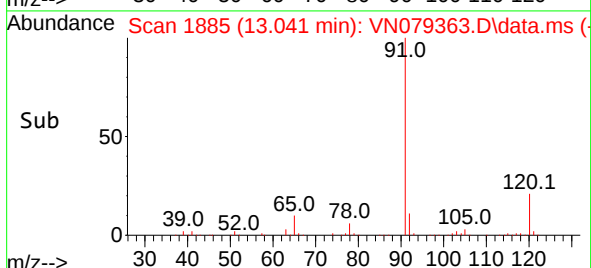
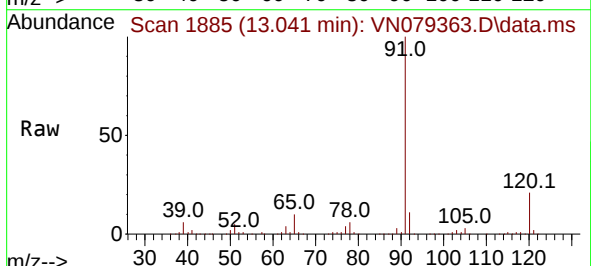
RT: 13.041 min Scan# 1885

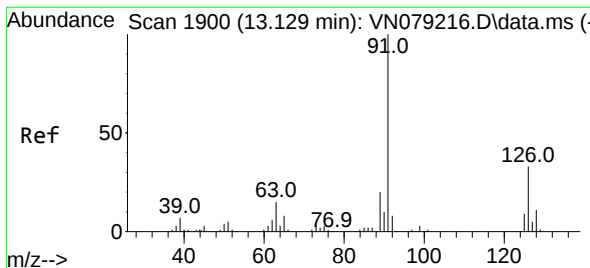
Delta R.T. 0.000 min

Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

Tgt Ion: 91 Resp: 698091
 Ion Ratio Lower Upper
 91 100
 120 21.2 11.5 34.4





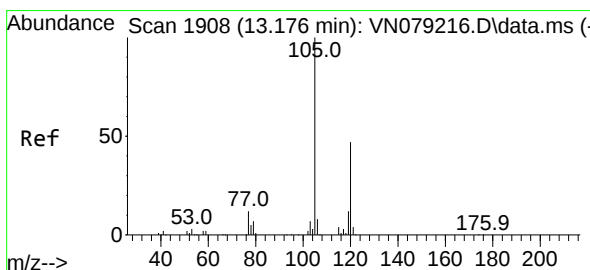
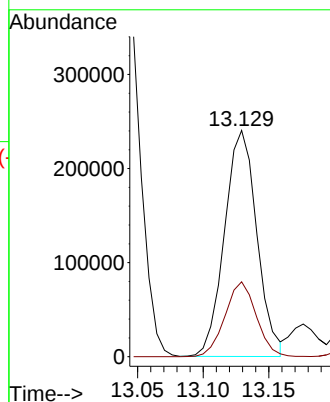
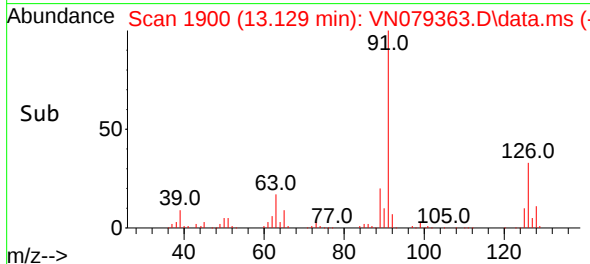
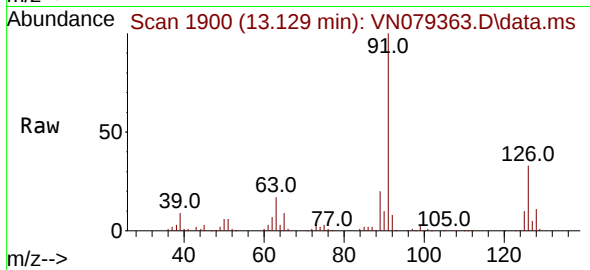
#79
2-Chlorotoluene
Concen: 47.899 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 412514
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

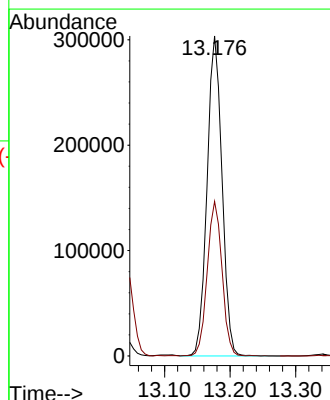
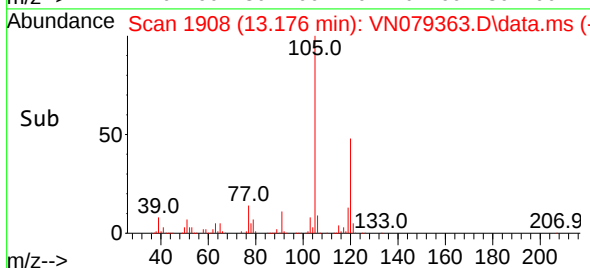
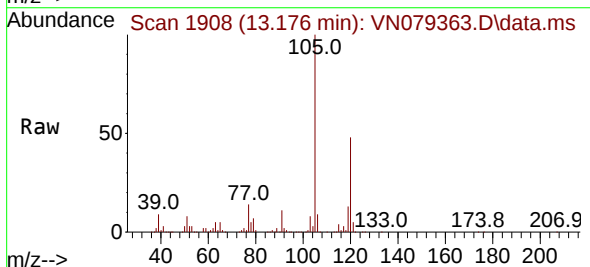
Manual Integrations
APPROVED

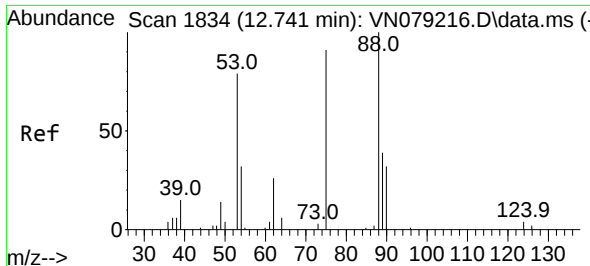
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.259 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

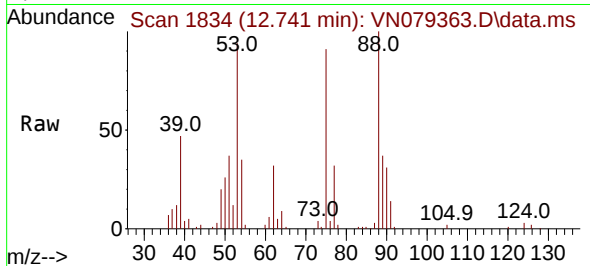
Tgt Ion:105 Resp: 481117
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.817 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

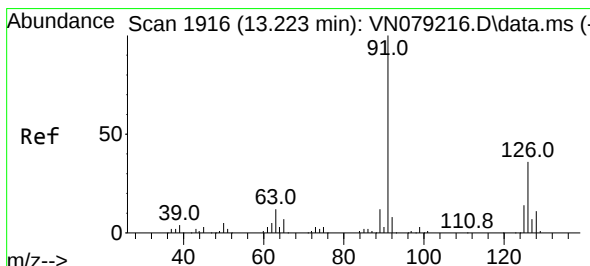
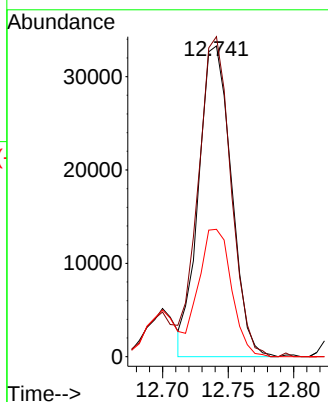
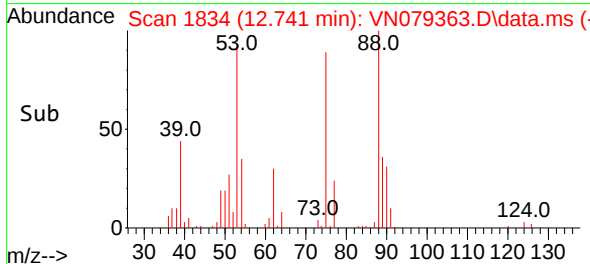
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



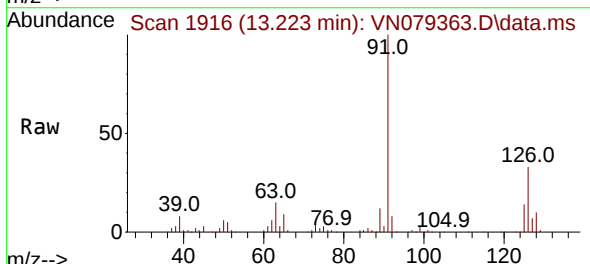
Tgt Ion: 75 Resp: 5786
Ion Ratio Lower Upper
75 100
53 102.1 67.4 101.2
89 40.5 38.8 58.2

Manual Integrations
APPROVED

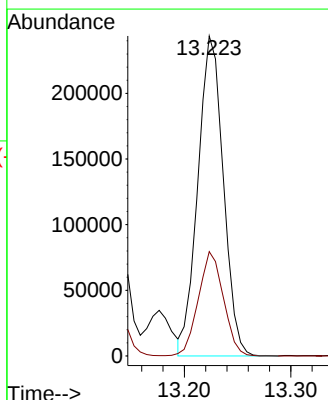
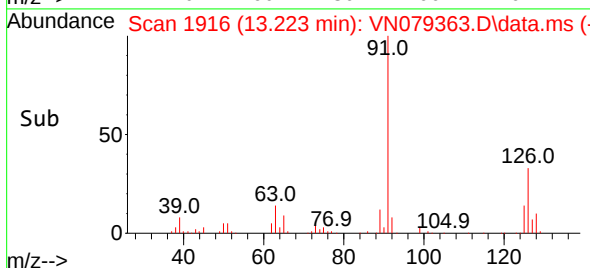
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

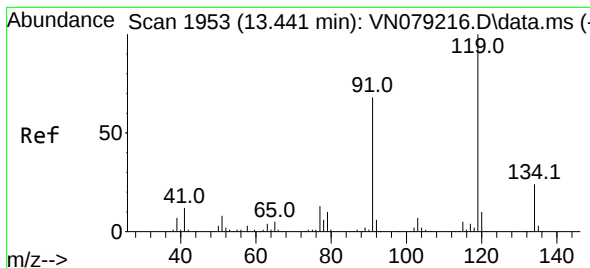


#82
4-Chlorotoluene
Concen: 49.956 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53



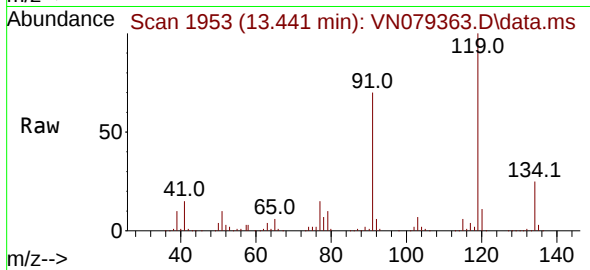
Tgt Ion: 91 Resp: 404257
Ion Ratio Lower Upper
91 100
126 32.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 48.307 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

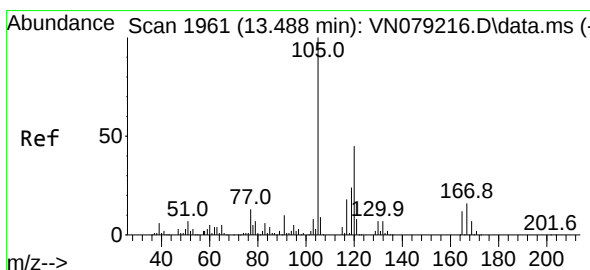
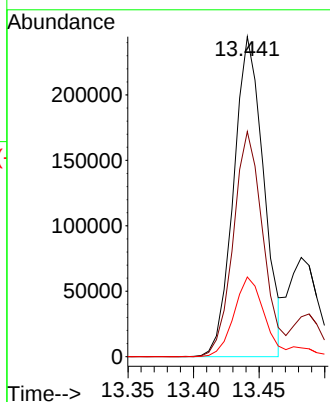
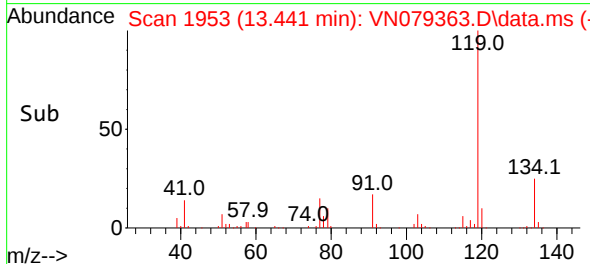
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



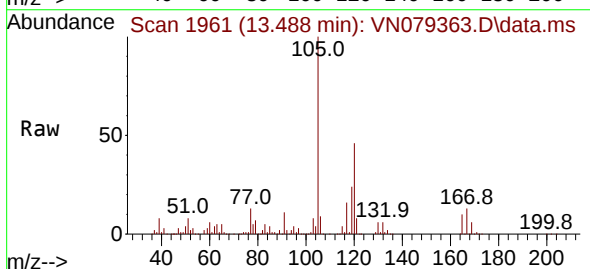
Tgt Ion:119 Resp: 390314
Ion Ratio Lower Upper
119 100
91 69.9 33.9 101.7
134 24.9 13.2 39.6

Manual Integrations
APPROVED

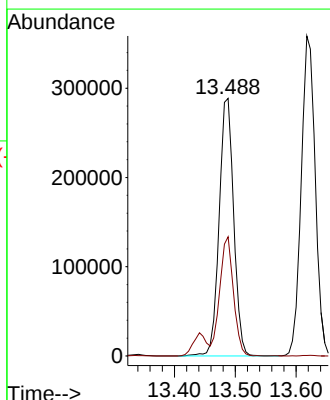
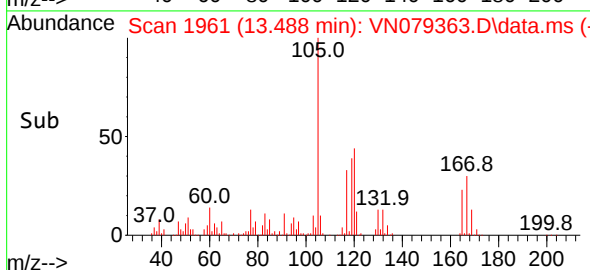
Reviewed By :John Carbone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

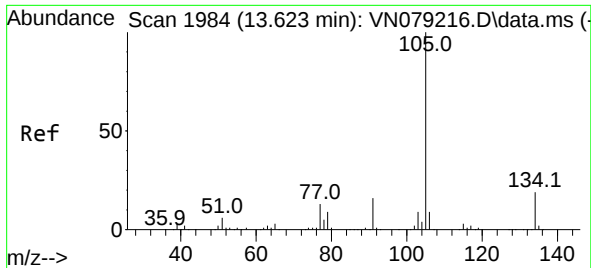


#84
1,2,4-Trimethylbenzene
Concen: 51.454 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53



Tgt Ion:105 Resp: 478607
Ion Ratio Lower Upper
105 100
120 43.7 22.0 66.0





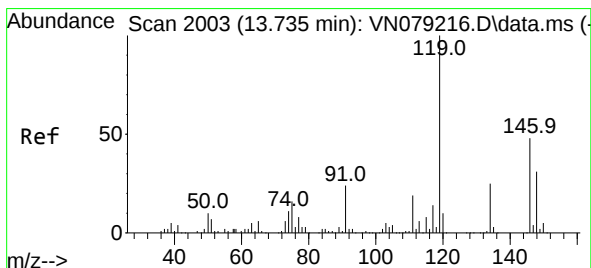
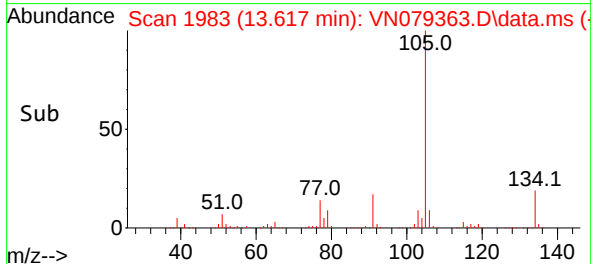
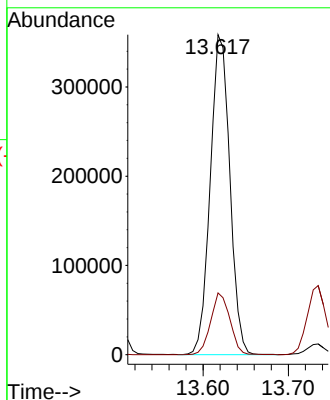
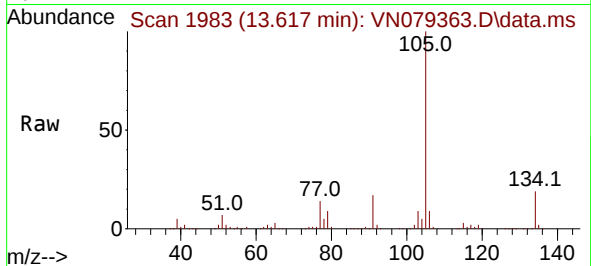
#85
 sec-Butylbenzene
 Concen: 51.430 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079363.D
 Acq: 28 Sep 2023 09:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 572079
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3

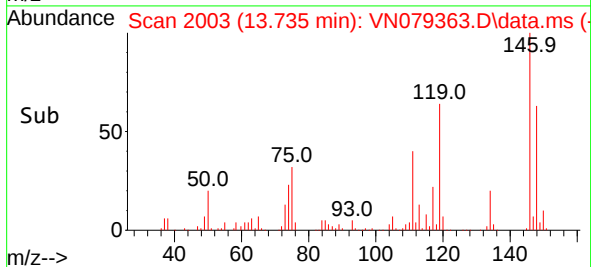
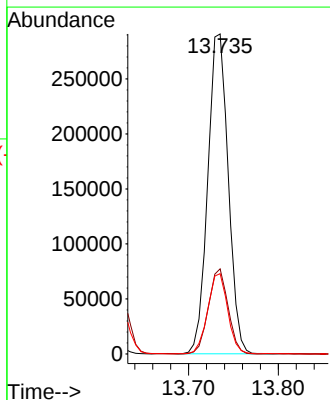
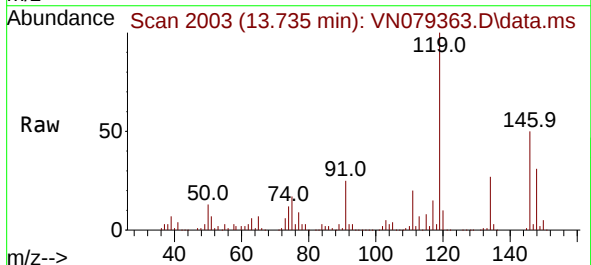
Manual Integrations
 APPROVED

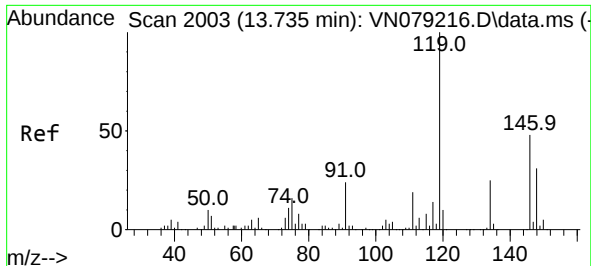
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023



#86
 p-Isopropyltoluene
 Concen: 51.791 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079363.D
 Acq: 28 Sep 2023 09:53

Tgt Ion:119 Resp: 460256
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.070 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 238878

Ion Ratio Lower Upper

146 100

111 40.8 22.1 66.3

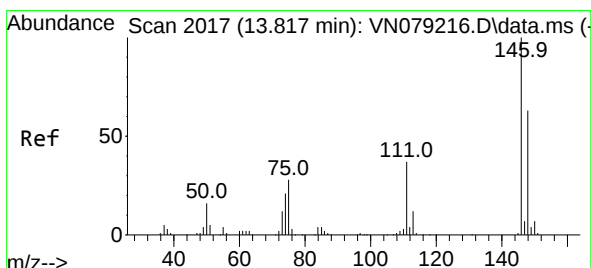
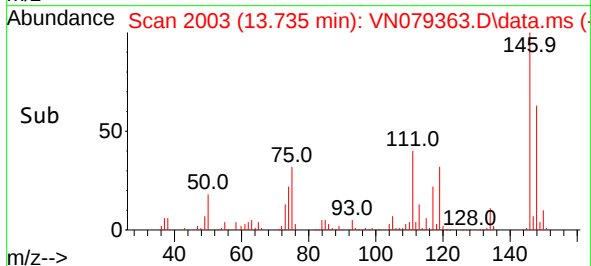
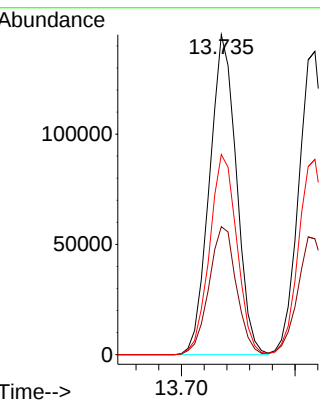
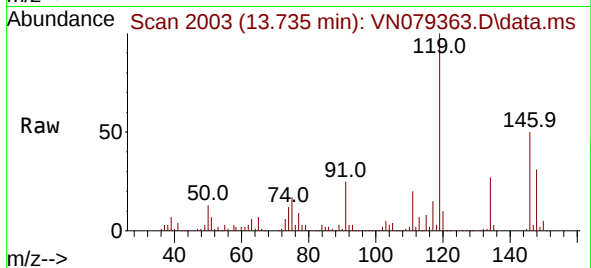
148 63.5 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#88

1,4-Dichlorobenzene

Concen: 47.261 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN079363.D

Acq: 28 Sep 2023 09:53

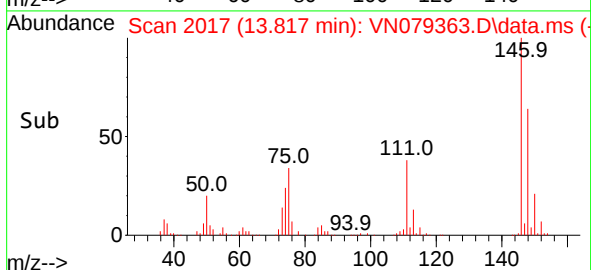
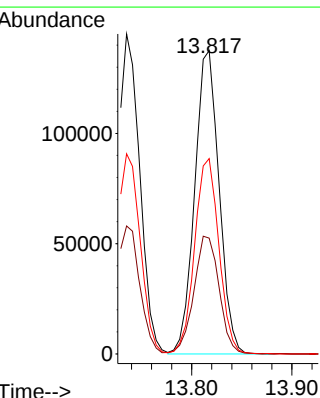
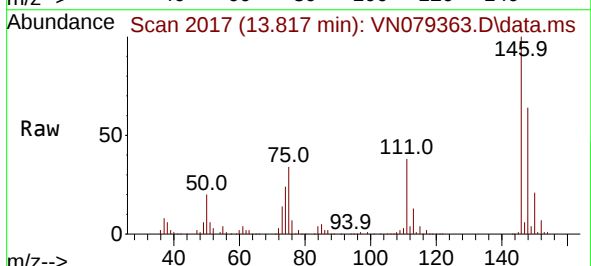
Tgt Ion:146 Resp: 232482

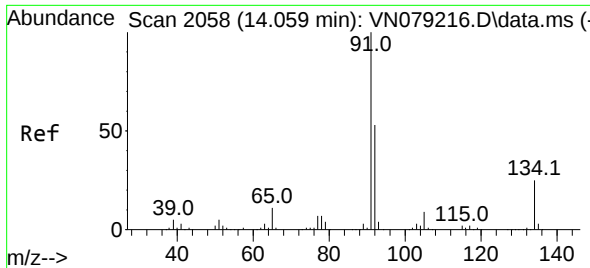
Ion Ratio Lower Upper

146 100

111 40.0 20.6 61.8

148 64.3 31.6 94.8





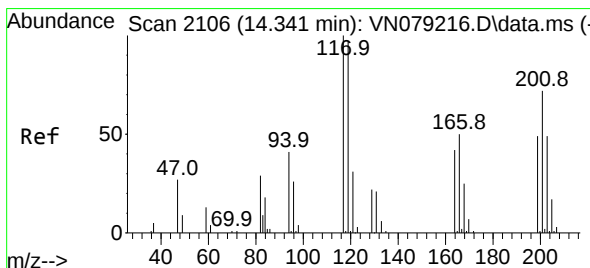
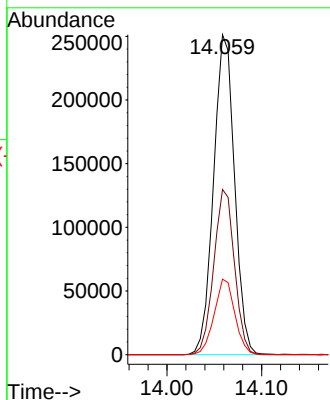
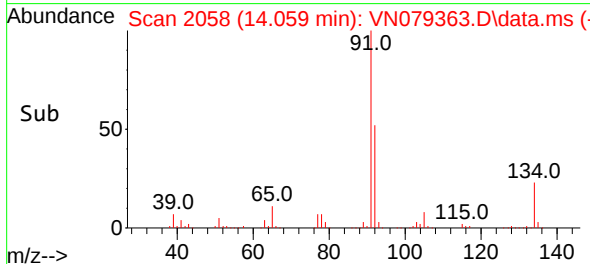
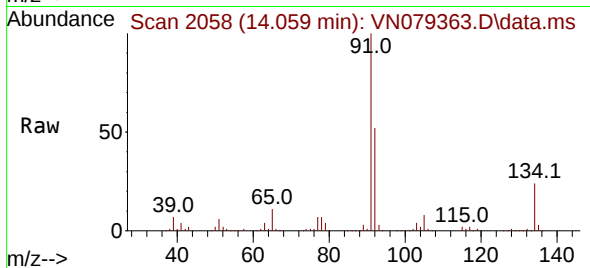
#89
n-Butylbenzene
Concen: 55.382 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 387028
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 23.3 12.6 37.6

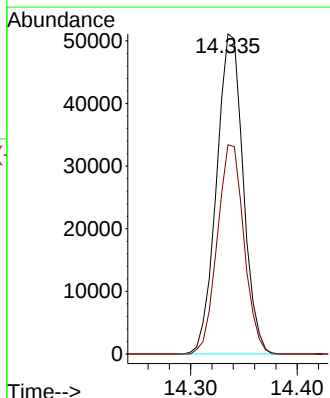
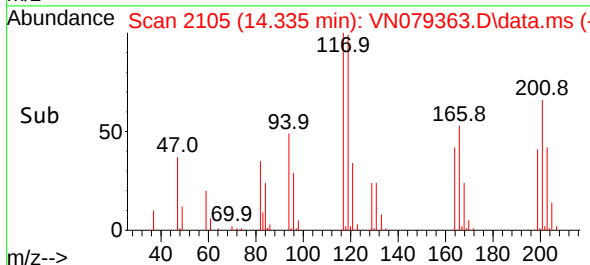
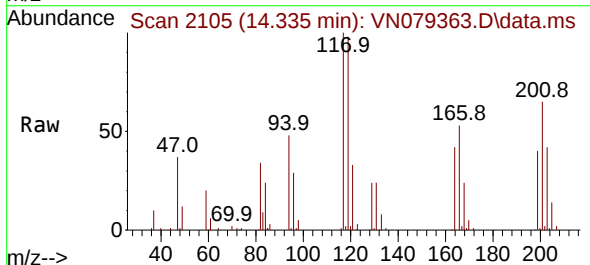
Manual Integrations
APPROVED

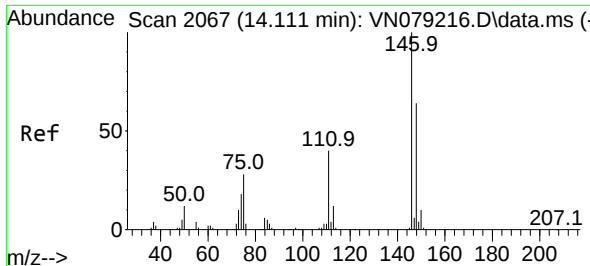
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#90
Hexachloroethane
Concen: 49.172 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Tgt Ion:117 Resp: 88740
Ion Ratio Lower Upper
117 100
201 65.5 29.3 88.0





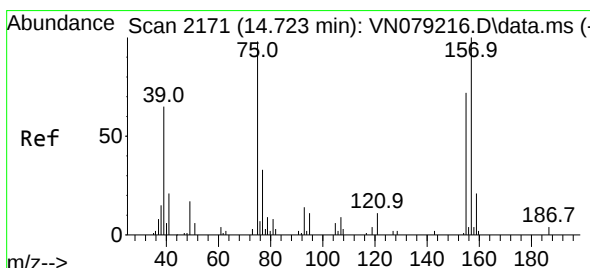
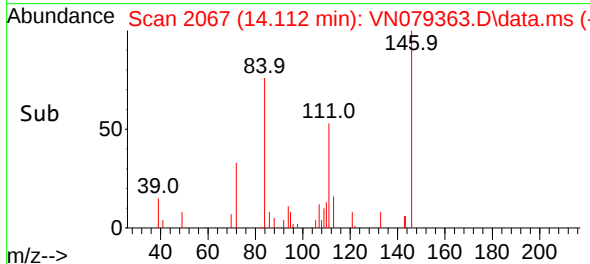
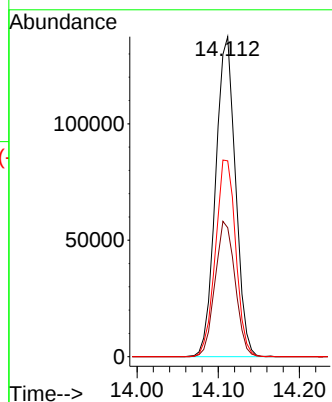
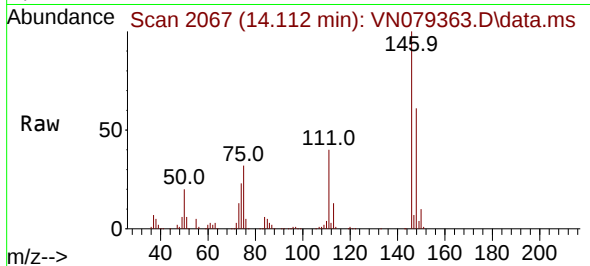
#91
1,2-Dichlorobenzene
Concen: 48.690 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 23399
Ion Ratio Lower Upper
146 100
111 42.8 22.0 66.0
148 62.9 31.8 95.3

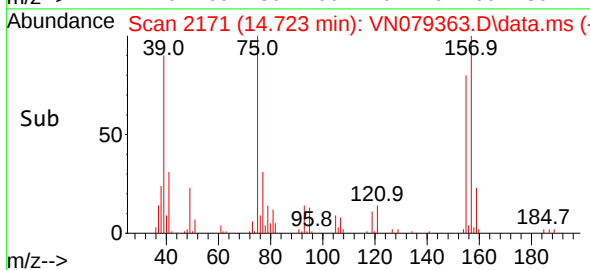
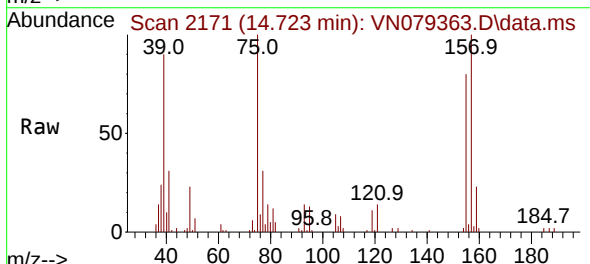
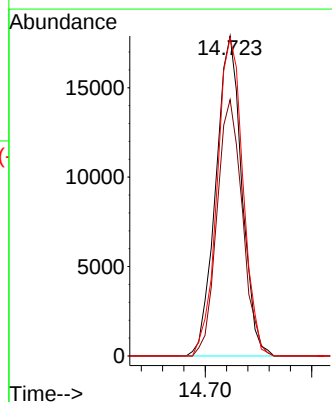
Manual Integrations
APPROVED

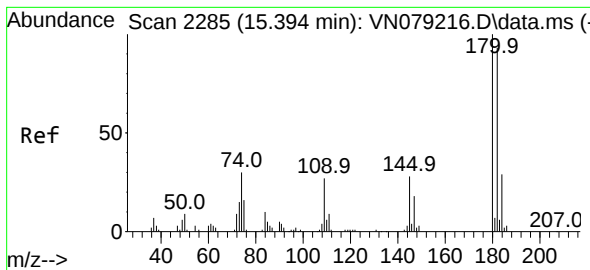
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.618 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

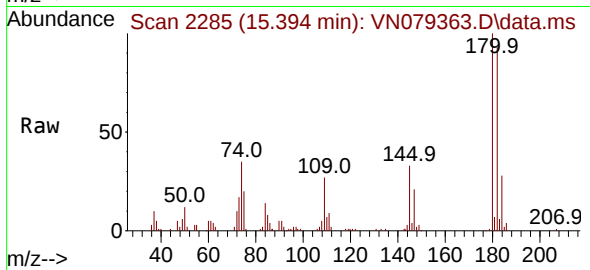
Tgt Ion: 75 Resp: 30269
Ion Ratio Lower Upper
75 100
155 78.4 39.1 117.2
157 98.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 48.533 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

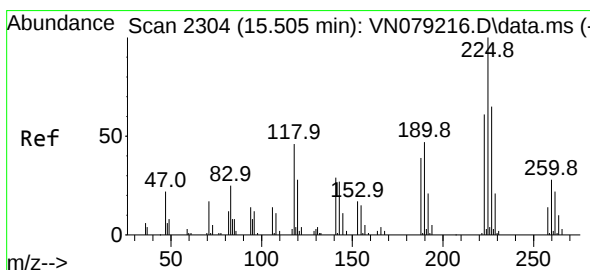
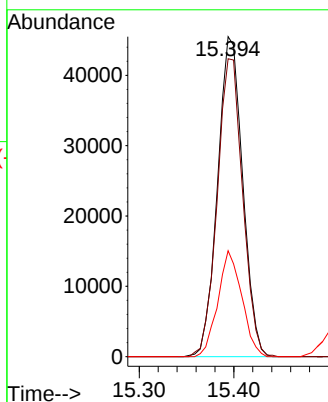
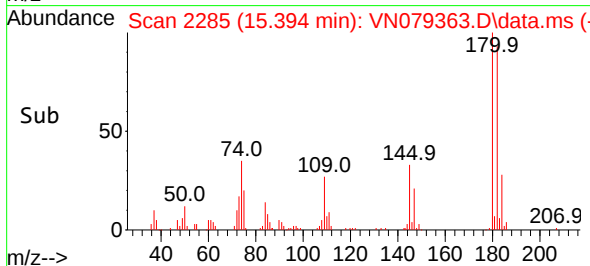
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



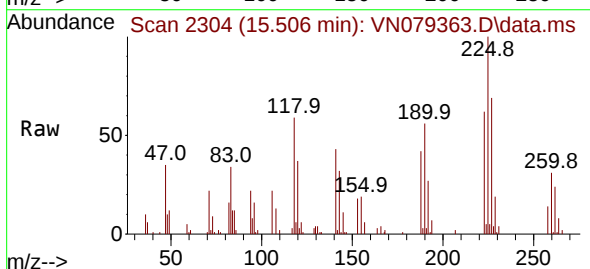
Tgt Ion:180 Resp: 83810
Ion Ratio Lower Upper
180 100
182 94.3 46.1 138.2
145 31.5 16.6 49.8

Manual Integrations
APPROVED

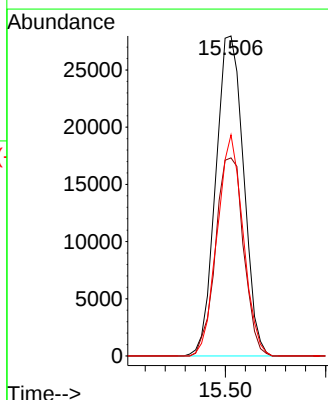
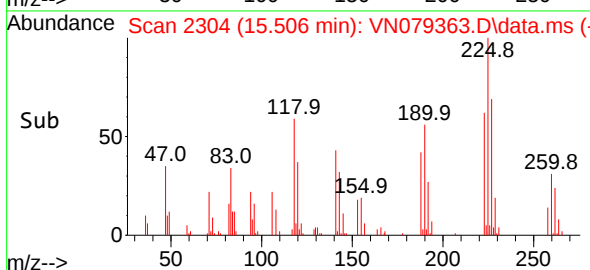
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

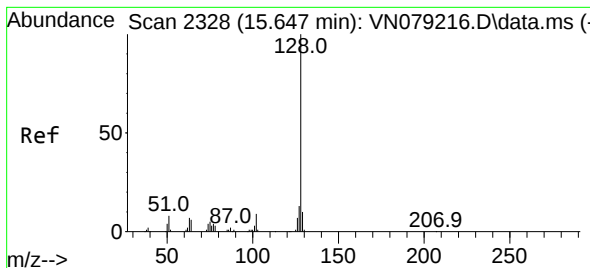


#94
Hexachlorobutadiene
Concen: 39.695 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53



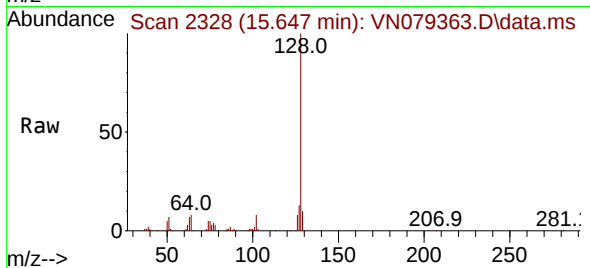
Tgt Ion:225 Resp: 53927
Ion Ratio Lower Upper
225 100
223 62.3 31.3 93.8
227 64.3 31.9 95.9





#95
Naphthalene
Concen: 42.185 ug/l
RT: 15.647 min Scan# 21637
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53

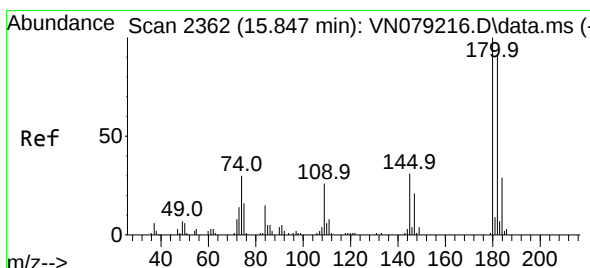
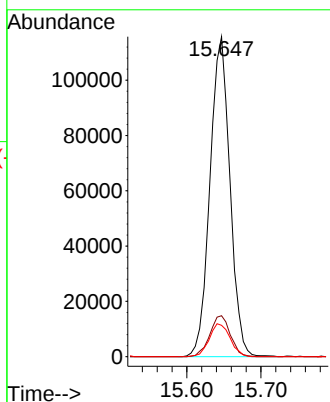
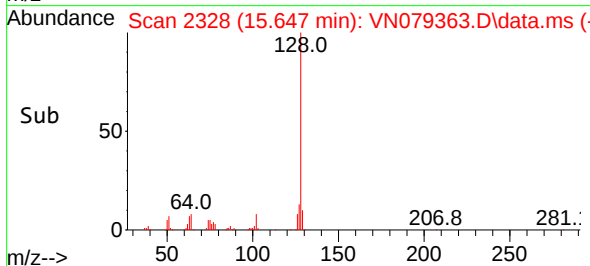
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



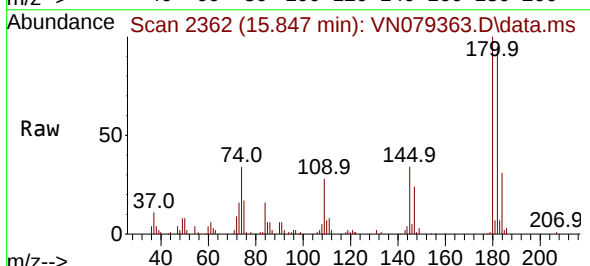
Tgt Ion:128 Resp: 21637
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#96
1,2,3-Trichlorobenzene
Concen: 43.314 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079363.D
Acq: 28 Sep 2023 09:53



Tgt Ion:180 Resp: 88237
Ion Ratio Lower Upper
180 100
182 93.6 46.2 138.6
145 32.4 17.5 52.6

