

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092723\
 Data File : VN079355.D
 Acq On : 27 Sep 2023 09:48
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Sep 27 23:35:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 27 23:34:19 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2023
 Supervised By : Semsettin Yesilyurt 09/28/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	41607	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	225316	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	209852	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	100757	29.519	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.400%		
60) 4-Bromofluorobenzene	12.853	95	98336	32.876	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	109.600%		
63) Toluene-d8	10.571	98	305920	29.672	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	126525	49.276	ug/l	98
3) Chloromethane	2.365	50	159838	48.544	ug/l	99
4) Vinyl Chloride	2.518	62	179164	49.656	ug/l	98
5) Bromomethane	2.948	94	102759	50.648	ug/l	92
6) Chloroethane	3.118	64	117840	45.843	ug/l	97
7) Trichlorofluoromethane	3.501	101	210504	49.233	ug/l	98
8) Diethyl Ether	3.965	74	76051	49.836	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	116652	48.635	ug/l	96
10) 1,1-Dichloroethene	4.342	96	112028	50.541	ug/l	95
11) Methyl Iodide	4.595	142	141672	57.875	ug/l	94
12) Methyl Acetate	5.024	43	247664	55.568	ug/l	98
13) Acrolein	4.183	56	131281	259.444	ug/l	100
14) Acrylonitrile	5.718	53	331800	252.873	ug/l	99
15) Acetone	4.430	58	106425	247.896	ug/l	84
16) Carbon Disulfide	4.712	76	335762	50.002	ug/l	99
17) Allyl chloride	5.024	41	184072	51.728	ug/l	96
18) Methylene Chloride	5.277	84	139479	48.394	ug/l	98
19) trans-1,2-Dichloroethene	5.789	96	129921	55.452	ug/l	98
20) Diisopropyl ether	6.671	45	439336	52.193	ug/l	98
21) 1,1-Dichloroethane	6.571	63	253434	49.969	ug/l	98
22) cis-1,2-Dichloroethene	7.489	96	150633	51.061	ug/l	95
23) tert-Butyl Alcohol	5.518	59	106444	276.087	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	388498	57.859	ug/l	99
25) Chloroform	7.971	83	259260	50.070	ug/l	95
26) Cyclohexane	8.259	56	206809	59.750	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	194767	51.308	ug/l	99
30) 2-Butanone	7.483	43	467260	248.820	ug/l	100
31) 2,2-Dichloropropane	7.489	77	212612	50.728	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	223247	50.726	ug/l	99
33) Carbon Tetrachloride	8.365	117	192454	50.490	ug/l	99
34) Benzene	8.612	78	578159	50.272	ug/l	97
35) Methacrylonitrile	7.783	41	95722	49.232	ug/l	94
36) 1,2-Dichloroethane	8.677	62	205272	49.277	ug/l	100
37) Trichloroethene	9.353	130	133003	49.208	ug/l	99
38) Methylcyclohexane	9.606	83	202144	54.303	ug/l	99
39) 1,2-Dichloropropane	9.624	63	152108	49.827	ug/l	98
40) Dibromomethane	9.712	93	99848	49.411	ug/l	99
41) Bromodichloromethane	9.888	83	205369	49.908	ug/l	99
42) Vinyl Acetate	6.606	43	1337409	263.564	ug/l	99

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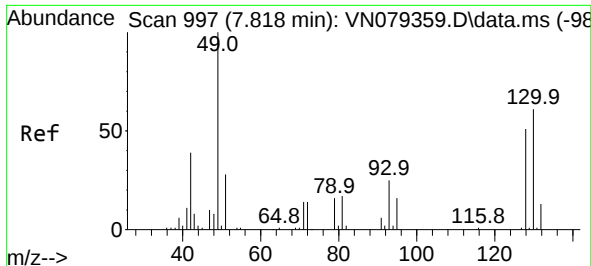
Manual Integrations
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 Supervised By : Semsettin Yesilyurt 09/28/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	186899	49.965	ug/l	94
44) Isopropyl Acetate	8.688	43	305738	50.837	ug/l	99
45) 1,4-Dioxane	9.694	88	51178	1031.593	ug/l #	90
46) Methyl methacrylate	9.682	41	146512	53.601	ug/l	97
47) n-amyl Acetate	12.494	43	257140	60.082	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	219023	52.403	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	239150	53.325	ug/l	98
50) 1,1,2-Trichloroethane	11.018	97	138272	50.158	ug/l	95
51) Ethyl methacrylate	10.877	69	209174	55.821	ug/l	99
52) 1,3-Dichloropropane	11.165	76	246313	50.090	ug/l	99
53) Dibromochloromethane	11.359	129	145180	52.031	ug/l	100
54) 1,2-Dibromoethane	11.471	107	136294	50.695	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	423042	290.397	ug/l	99
56) Bromoform	12.576	173	96812	54.462	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	955160	254.339	ug/l	100
59) 2-Hexanone	11.200	43	696700	259.305	ug/l	98
61) Tetrachloroethene	11.106	164	112167	47.936	ug/l	95
62) Toluene	10.635	91	620418	49.353	ug/l	98
64) Chlorobenzene	11.894	112	359798	49.870	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	136873	50.716	ug/l	98
66) Ethyl Benzene	11.965	91	683055	53.721	ug/l	98
67) m/p-Xylenes	12.071	106	510252	108.539	ug/l	96
68) o-Xylene	12.400	106	243206	53.758	ug/l	98
69) Styrene	12.412	104	407865	57.232	ug/l	98
70) Isopropylbenzene	12.700	105	637443	55.384	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	202195	49.034	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	176760m	42.121	ug/l	
73) Bromobenzene	12.982	156	145186	53.877	ug/l	99
74) n-propylbenzene	13.035	91	771437	56.620	ug/l	99
75) 2-Chlorotoluene	13.129	91	453452	54.504	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	536998	56.141	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	61395	56.178	ug/l	93
78) 4-Chlorotoluene	13.223	91	439936	56.909	ug/l	100
79) tert-butylbenzene	13.441	119	436373	55.065	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	527921	56.418	ug/l	99
81) sec-Butylbenzene	13.618	105	633902	55.755	ug/l	100
82) p-Isopropyltoluene	13.729	119	517239	57.385	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	259110	56.859	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	248171	58.104	ug/l	99
85) n-Butylbenzene	14.059	91	431400	62.425	ug/l	98
86) Hexachloroethane	14.335	117	96222	51.526	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	249584	55.450	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	32910	51.731	ug/l	97
89) 1,2,4-Trichlorobenzene	15.841	180	105050	66.840	ug/l	97
90) Hexachlorobutadiene	15.506	225	58747	49.038	ug/l	97
91) Naphthalene	15.641	128	270597	71.798	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	105050	63.210	ug/l	97

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



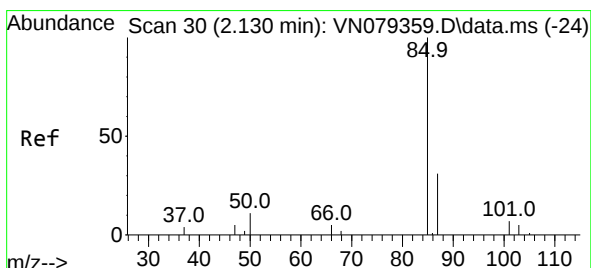
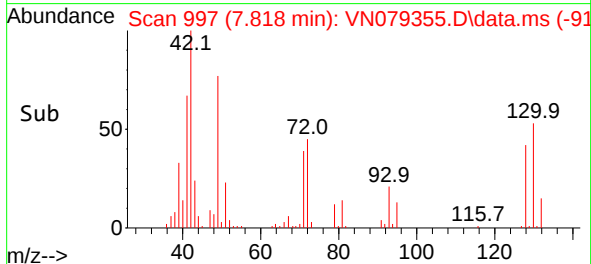
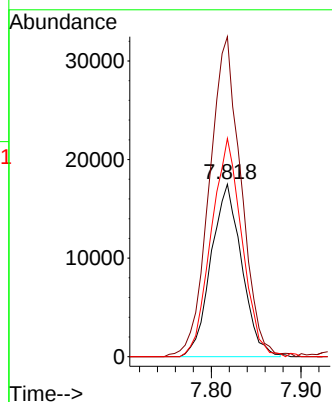
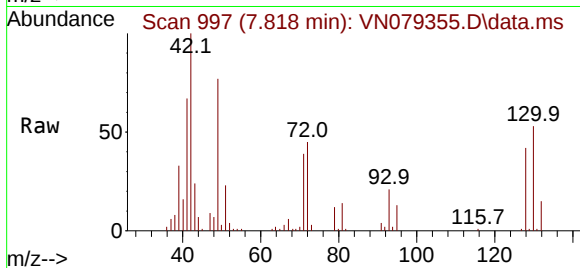
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079355.D
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ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 4160
Ion Ratio Lower Upper
128 100
49 191.3 0.0 468.5
130 126.5 0.0 320.7

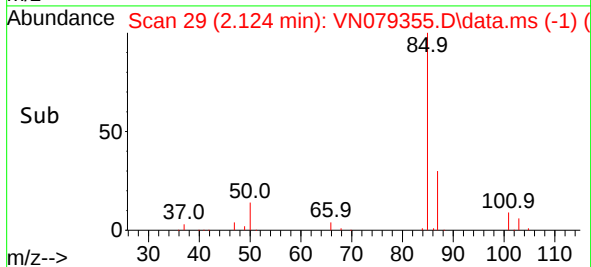
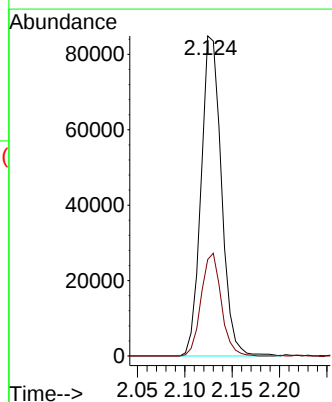
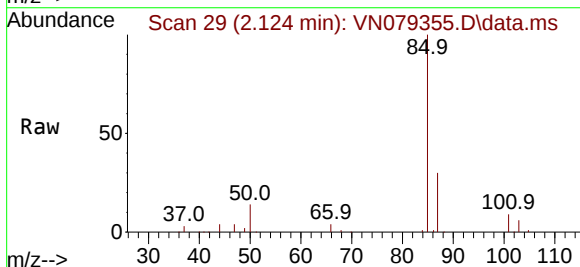
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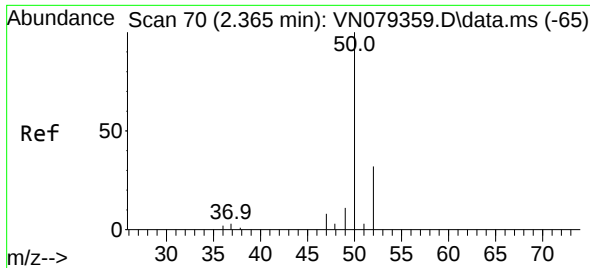
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#2
Dichlorodifluoromethane
Concen: 49.276 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

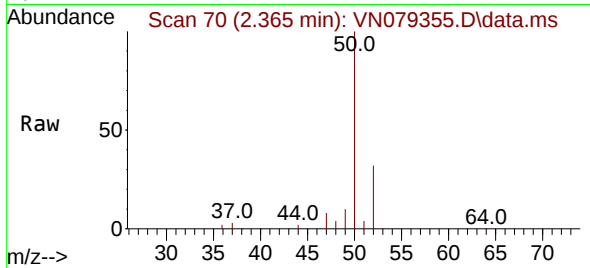
Tgt Ion: 85 Resp: 126525
Ion Ratio Lower Upper
85 100
87 30.2 15.6 46.7





#3
Chloromethane
Concen: 48.544 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

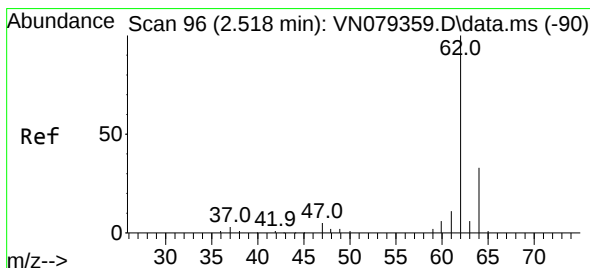
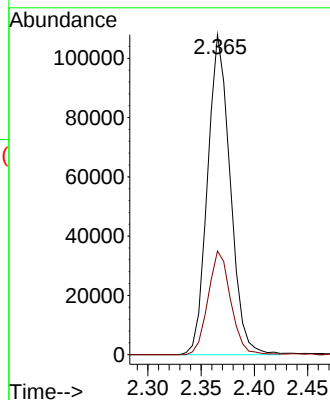
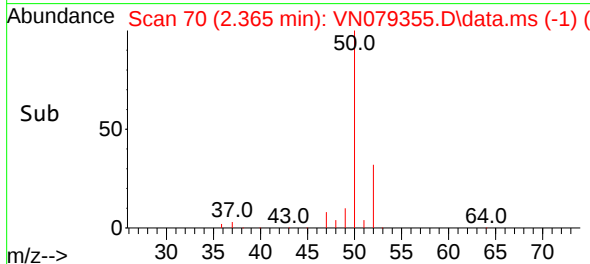
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



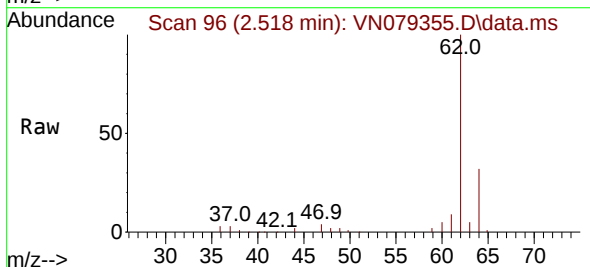
Tgt Ion: 50 Resp: 159838
Ion Ratio Lower Upper
50 100
52 32.4 25.6 38.4

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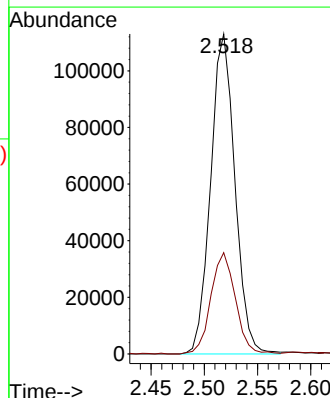
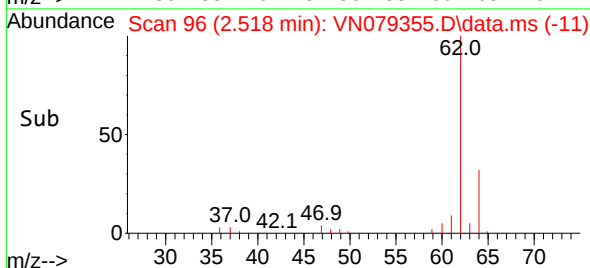
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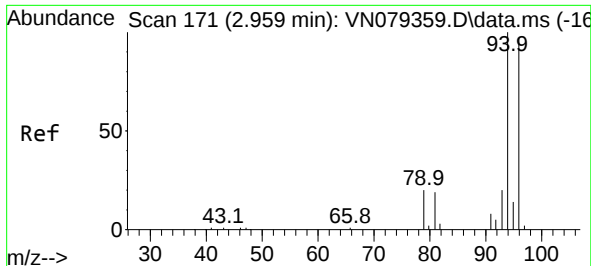


#4
Vinyl Chloride
Concen: 49.656 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48



Tgt Ion: 62 Resp: 179164
Ion Ratio Lower Upper
62 100
64 31.6 26.4 39.6





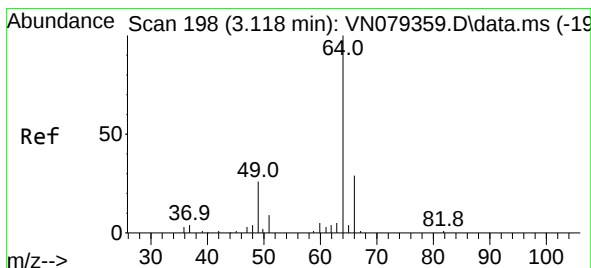
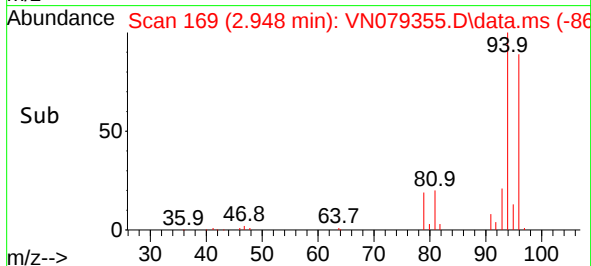
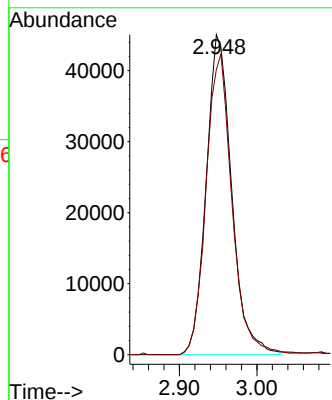
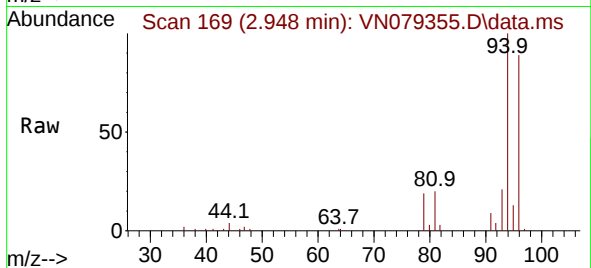
#5
Bromomethane
Concen: 50.648 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.012 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Instrument :
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ClientSampleId :
VSTDIC050

Tgt Ion: 94 Resp: 102759
Ion Ratio Lower Upper
94 100
96 89.2 77.8 116.6

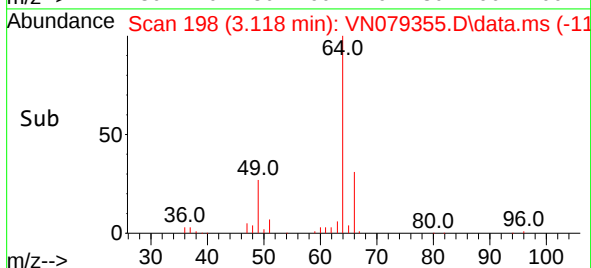
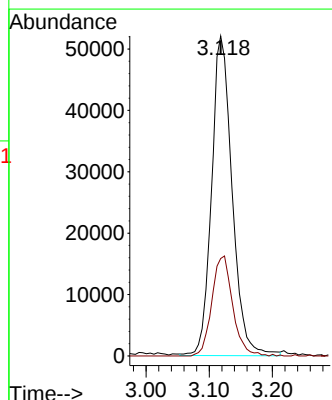
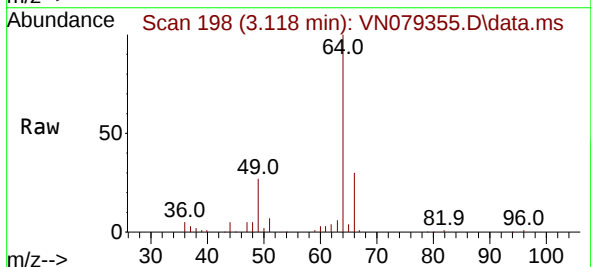
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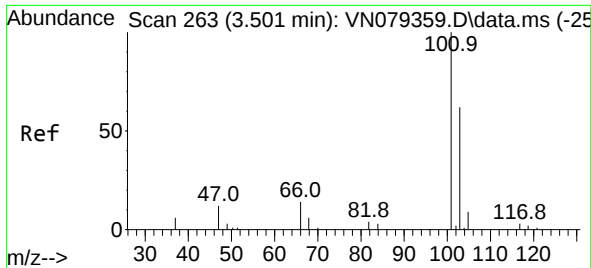
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#6
Chloroethane
Concen: 45.843 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN079355.D
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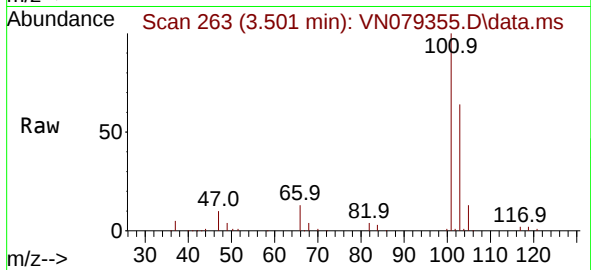
Tgt Ion: 64 Resp: 117840
Ion Ratio Lower Upper
64 100
66 30.7 23.3 34.9





#7
 Trichlorofluoromethane
 Concen: 49.233 ug/l
 RT: 3.501 min Scan# 210504
 Delta R.T. -0.000 min
 Lab File: VN079355.D
 Acq: 27 Sep 2023 09:48

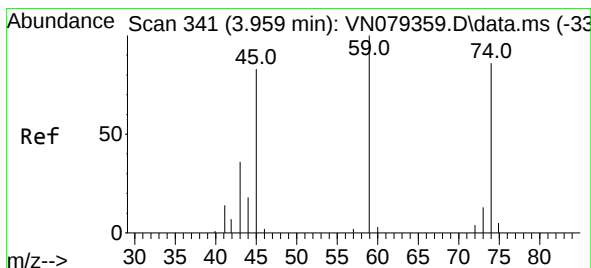
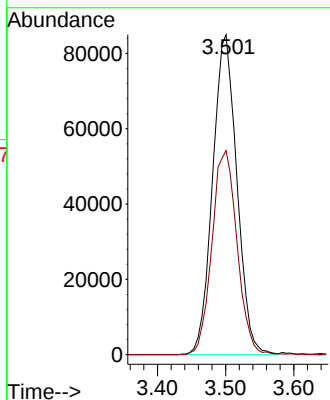
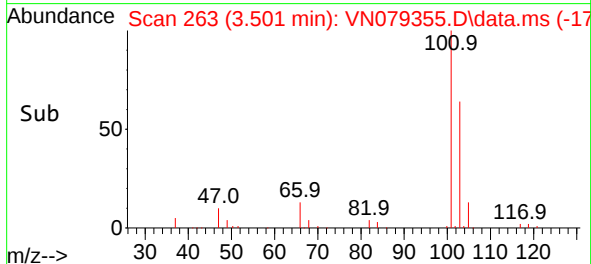
Instrument :
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Tgt Ion:101 Resp: 210504
 Ion Ratio Lower Upper
 101 100
 103 63.8 49.9 74.9

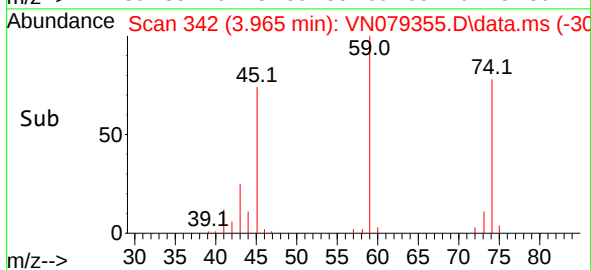
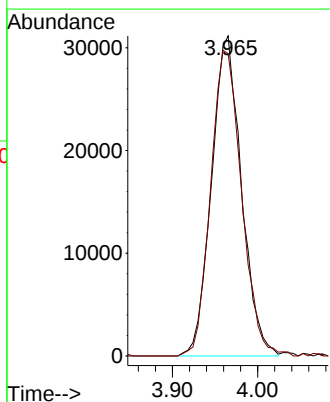
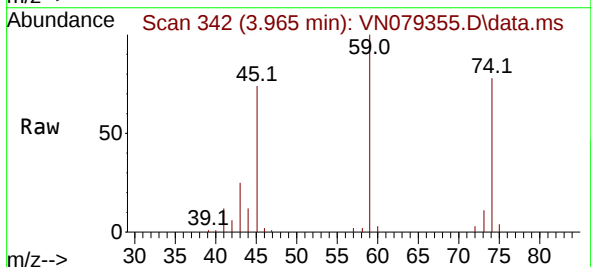
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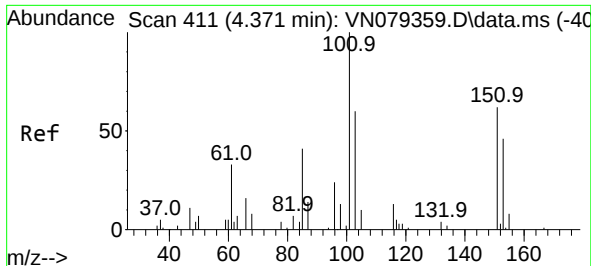
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#8
 Diethyl Ether
 Concen: 49.836 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN079355.D
 Acq: 27 Sep 2023 09:48

Tgt Ion: 74 Resp: 76051
 Ion Ratio Lower Upper
 74 100
 45 98.3 19.0 171.0





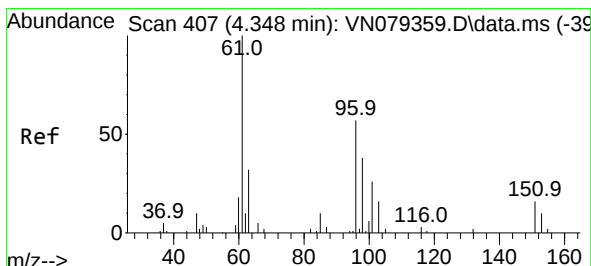
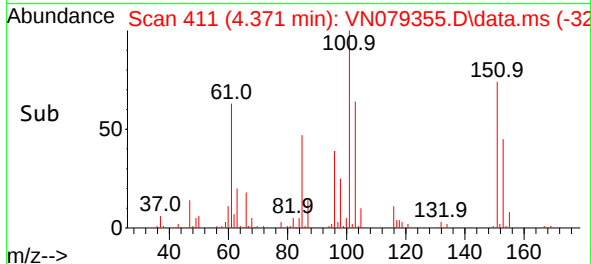
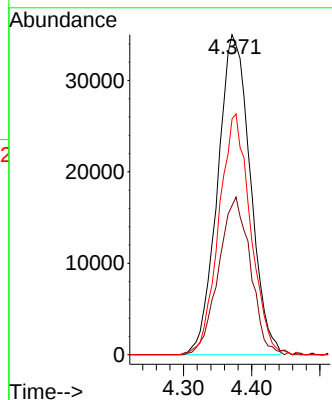
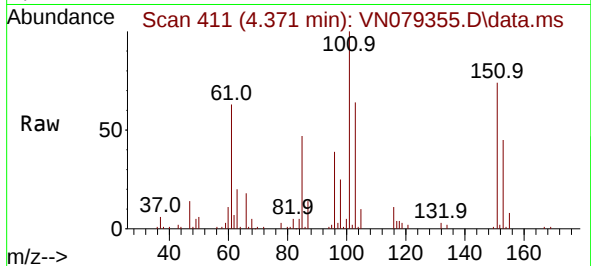
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1,1,2-Trichlorotrifluoroethane
Concen: 48.635 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 116652
Ion Ratio Lower Upper
101 100
85 47.9 0.0 92.0
151 72.8 0.0 138.4

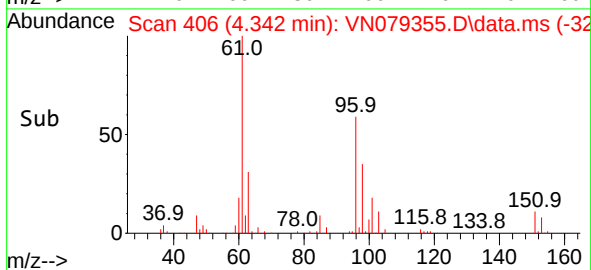
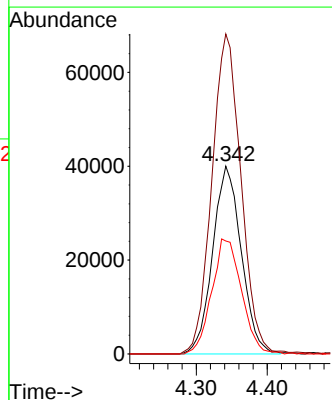
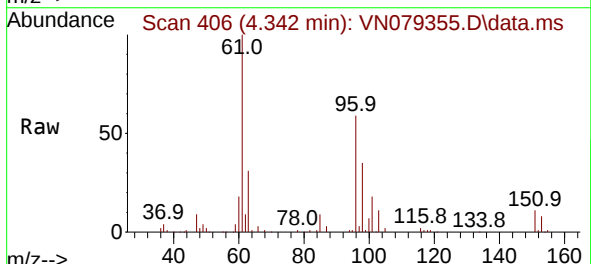
Manual Integrations
APPROVED

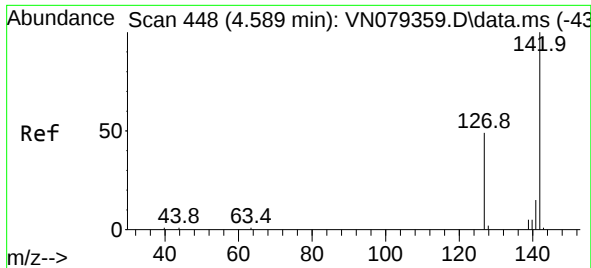
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#10
1,1-Dichloroethene
Concen: 50.541 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion: 96 Resp: 112028
Ion Ratio Lower Upper
96 100
61 170.4 141.3 211.9
98 60.2 53.2 79.8





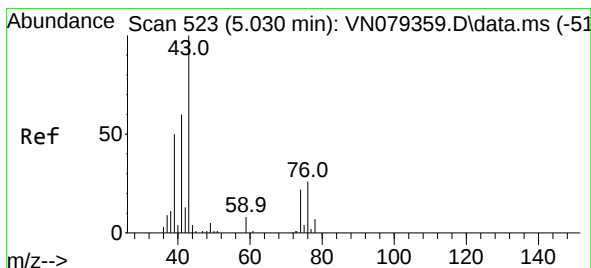
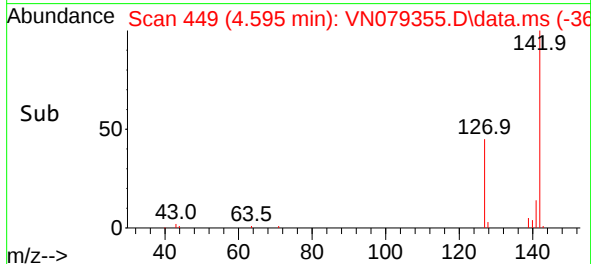
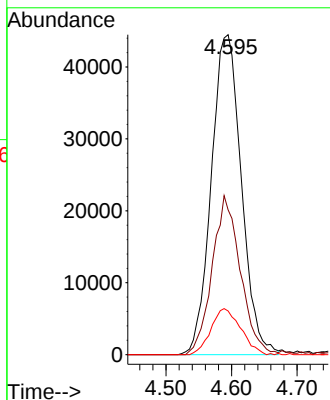
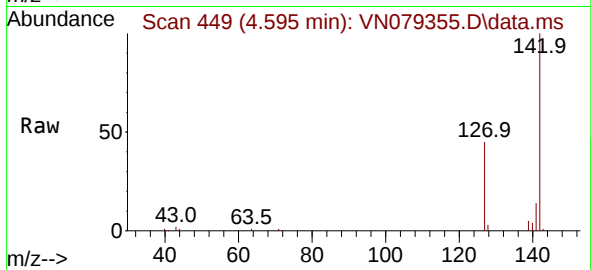
#11
Methyl Iodide
Concen: 57.875 ug/l
RT: 4.595 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:142 Resp: 141672
Ion Ratio Lower Upper
142 100
127 45.2 24.6 73.8
141 13.5 7.7 23.1

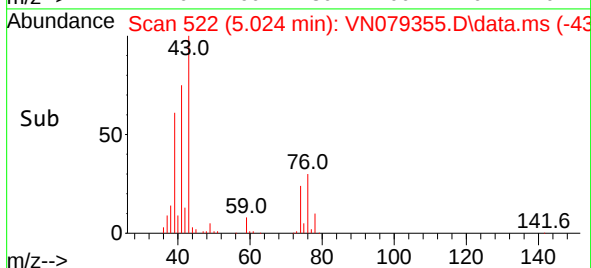
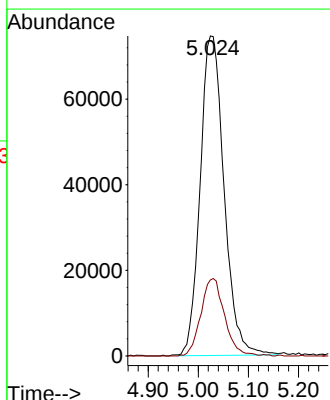
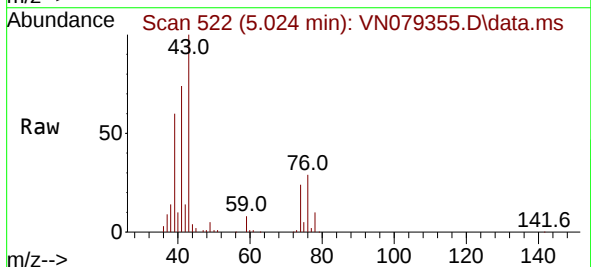
Manual Integrations
APPROVED

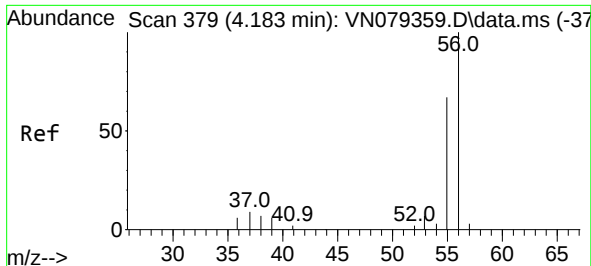
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#12
Methyl Acetate
Concen: 55.568 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

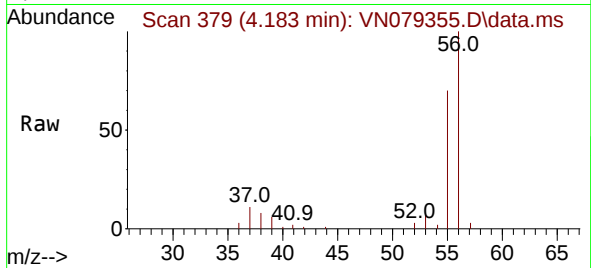
Tgt Ion: 43 Resp: 247664
Ion Ratio Lower Upper
43 100
74 23.7 18.1 27.1





#13
Acrolein
Concen: 259.444 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

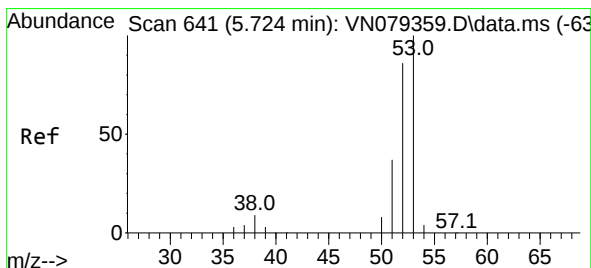
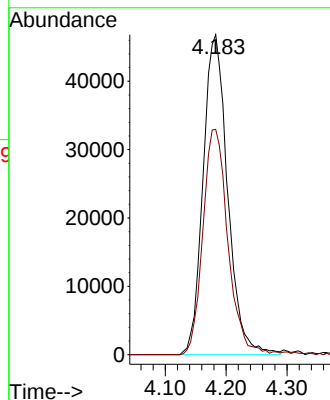
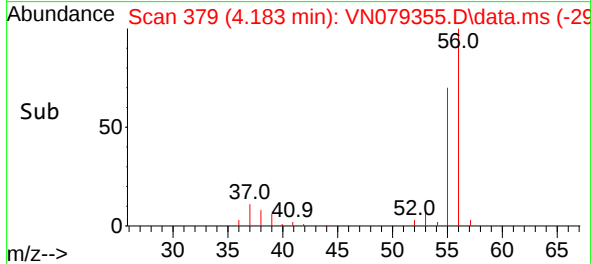
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 56 Resp: 13128
Ion Ratio Lower Upper
56 100
55 71.4 57.1 85.7

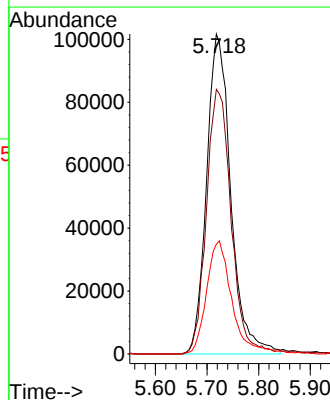
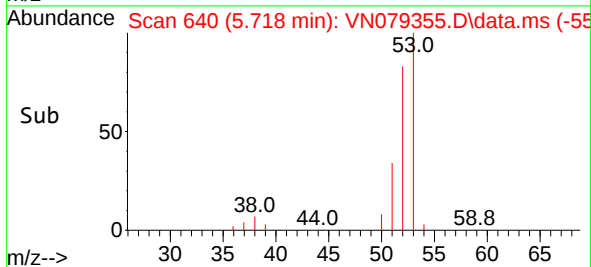
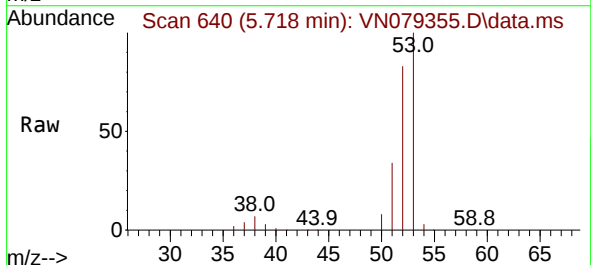
Manual Integrations
APPROVED

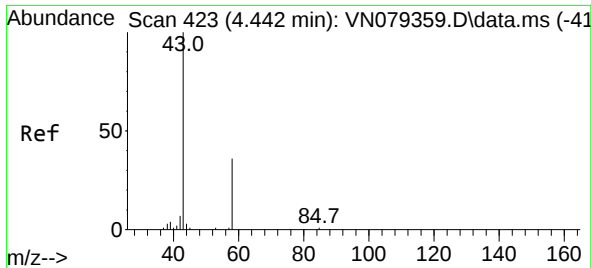
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#14
Acrylonitrile
Concen: 252.873 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion: 53 Resp: 331800
Ion Ratio Lower Upper
53 100
52 83.9 41.6 124.9
51 36.5 17.8 53.3





#15

Acetone

Concen: 247.896 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN079355.D

Acq: 27 Sep 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 58 Resp: 106429

Ion Ratio Lower Upper

58 100

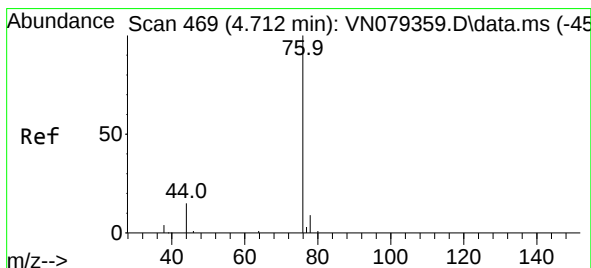
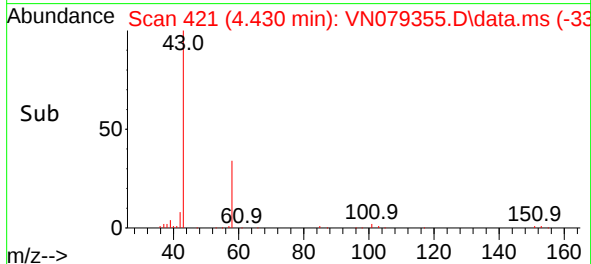
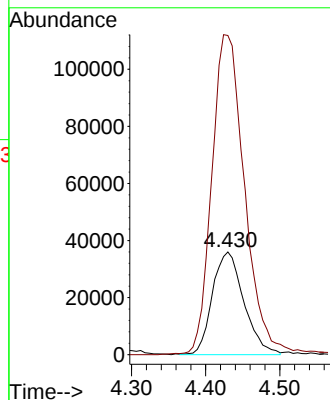
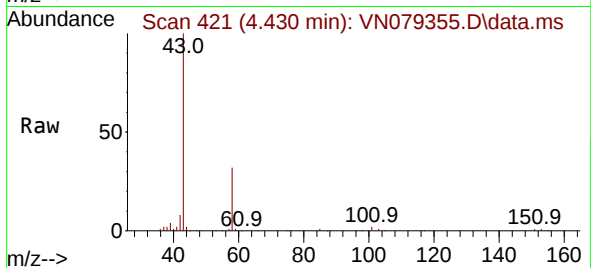
43 311.0 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#16

Carbon Disulfide

Concen: 50.002 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN079355.D

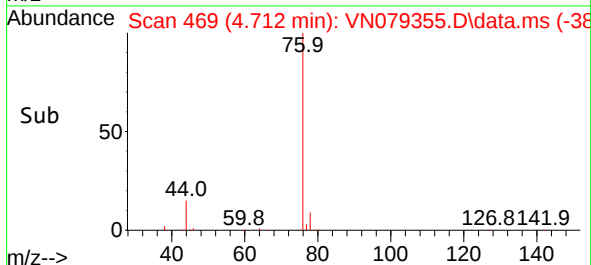
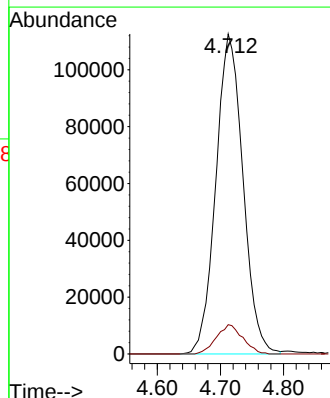
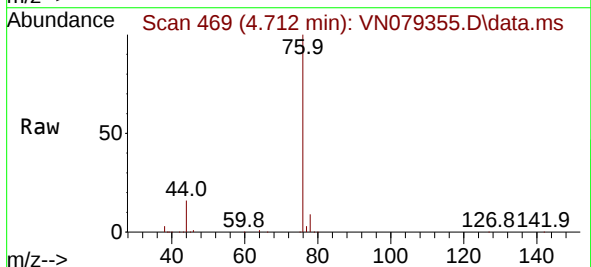
Acq: 27 Sep 2023 09:48

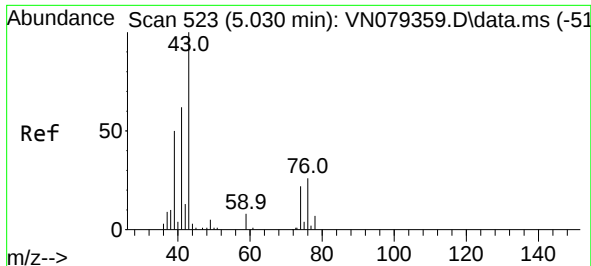
Tgt Ion: 76 Resp: 335762

Ion Ratio Lower Upper

76 100

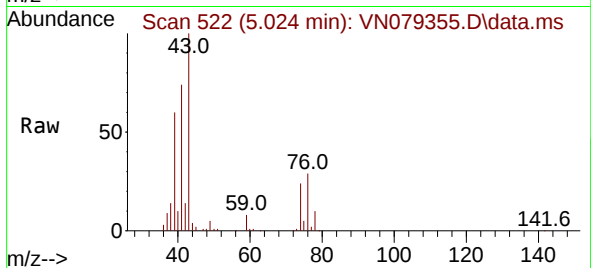
78 9.2 7.5 11.3





#17
 Allyl chloride
 Concen: 51.728 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN079355.D
 Acq: 27 Sep 2023 09:48

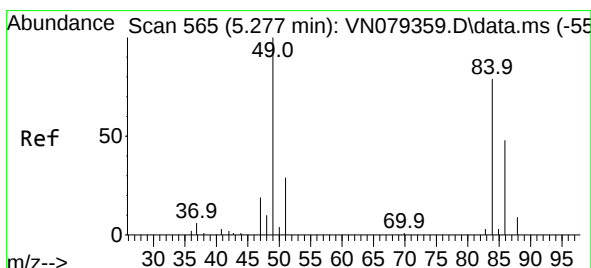
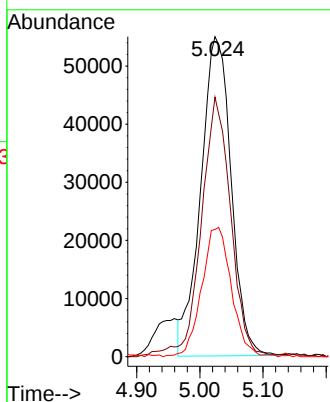
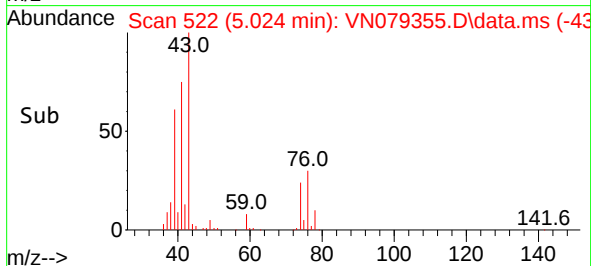
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 41 Resp: 184072
 Ion Ratio Lower Upper
 41 100
 39 81.1 38.4 115.2
 76 40.0 19.5 58.5

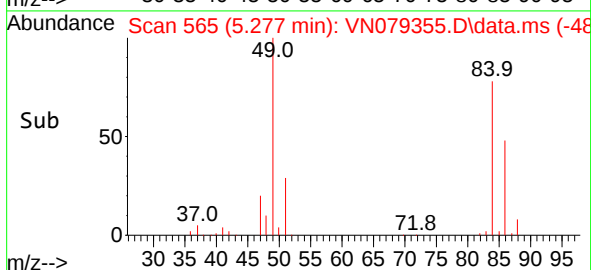
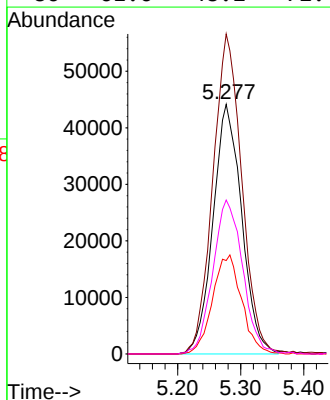
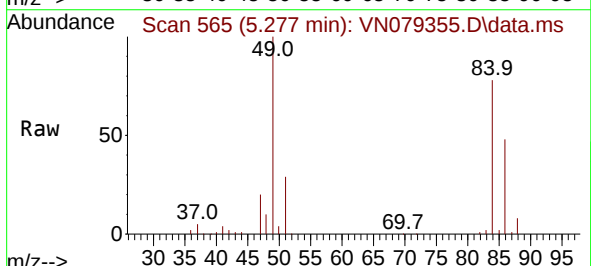
Manual Integrations
 APPROVED

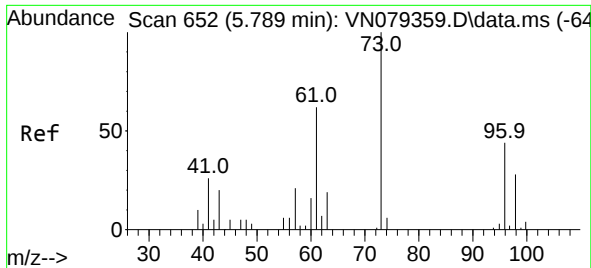
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#18
 Methylene Chloride
 Concen: 48.394 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN079355.D
 Acq: 27 Sep 2023 09:48

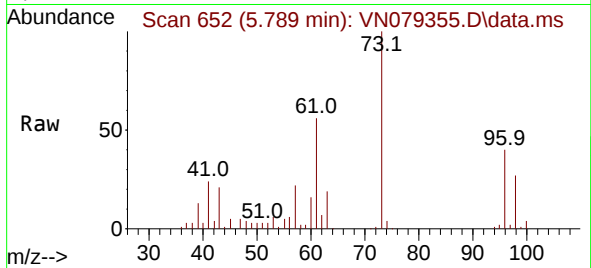
Tgt Ion: 84 Resp: 139479
 Ion Ratio Lower Upper
 84 100
 49 128.2 100.9 151.3
 51 37.4 29.4 44.2
 86 61.6 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 55.452 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

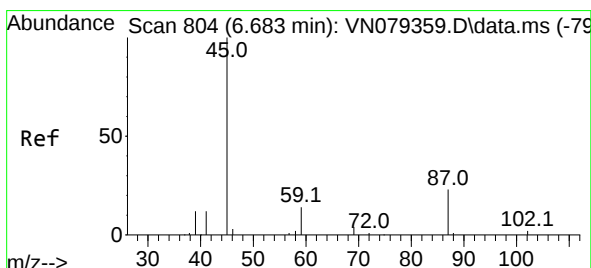
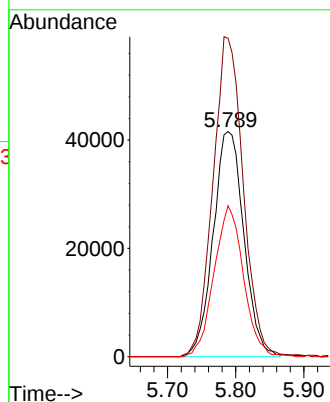
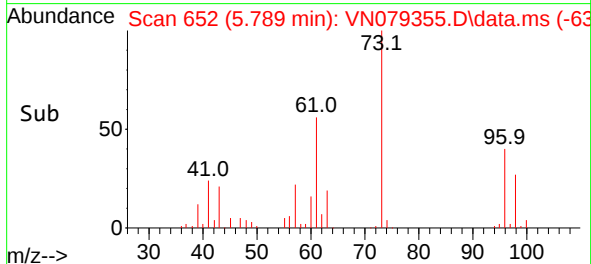
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 96 Resp: 12992
Ion Ratio Lower Upper
96 100
61 141.5 113.4 170.0
98 67.0 50.4 75.6

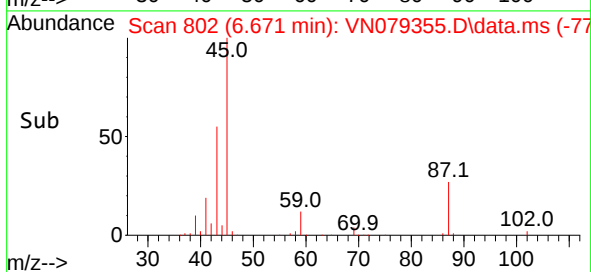
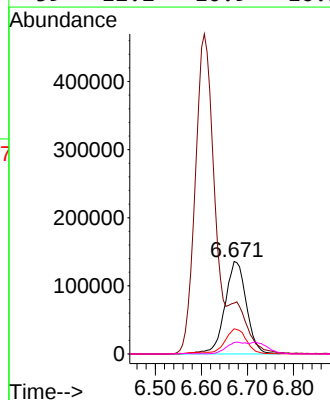
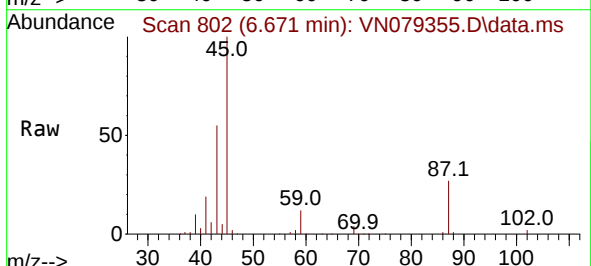
Manual Integrations
APPROVED

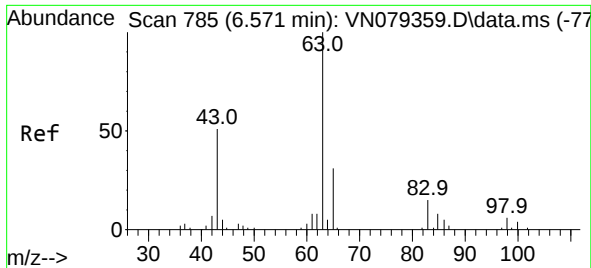
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#20
Diisopropyl ether
Concen: 52.193 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.012 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion: 45 Resp: 439336
Ion Ratio Lower Upper
45 100
43 53.5 42.1 63.1
87 27.0 20.5 30.7
59 12.2 10.9 16.3





#21

1,1-Dichloroethane

Concen: 49.969 ug/l

RT: 6.571 min Scan# 70

Delta R.T. -0.000 min

Lab File: VN079355.D

Acq: 27 Sep 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 253434

Ion Ratio Lower Upper

63 100

98 6.5 2.8 8.4

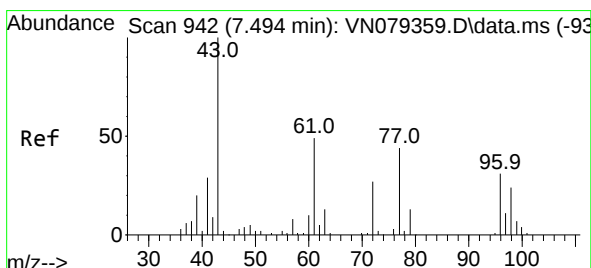
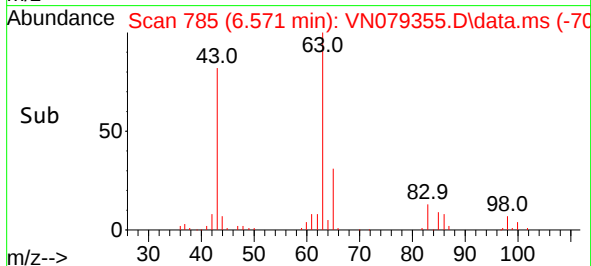
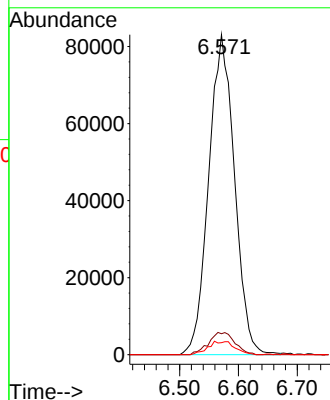
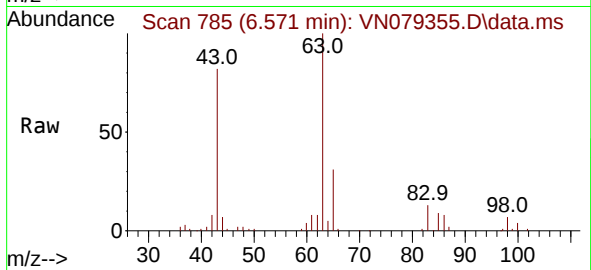
100 3.7 1.9 5.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#22

cis-1,2-Dichloroethene

Concen: 51.061 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN079355.D

Acq: 27 Sep 2023 09:48

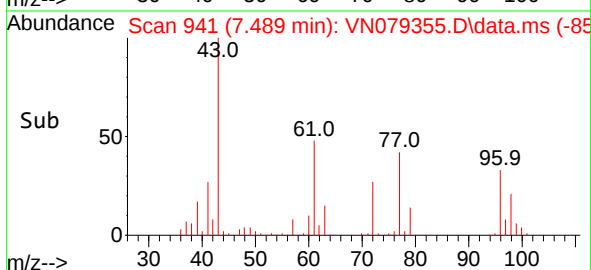
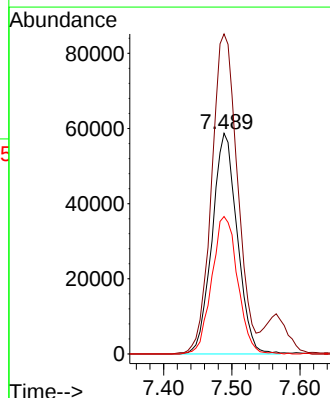
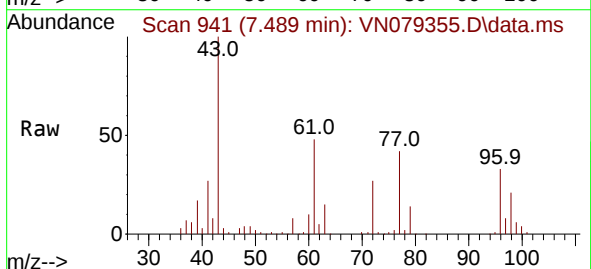
Tgt Ion: 96 Resp: 150633

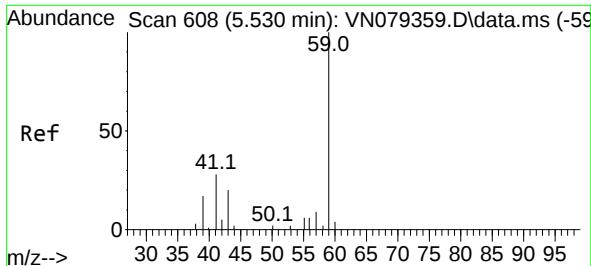
Ion Ratio Lower Upper

96 100

61 149.3 124.6 186.8

98 63.9 54.2 81.4





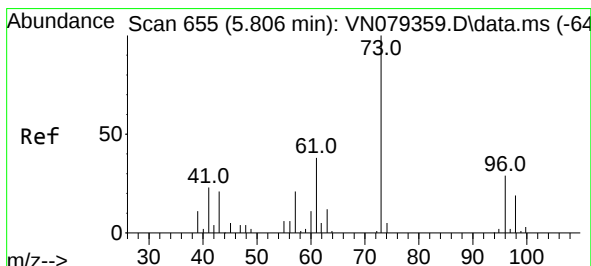
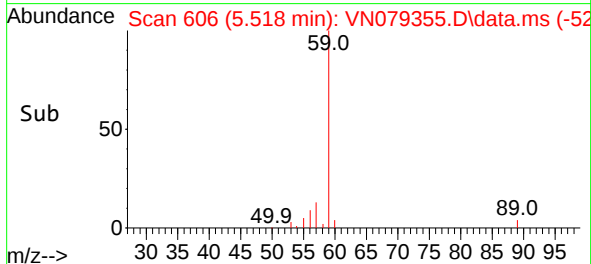
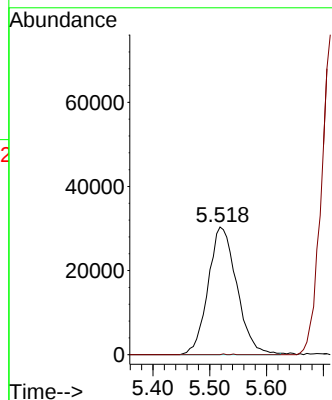
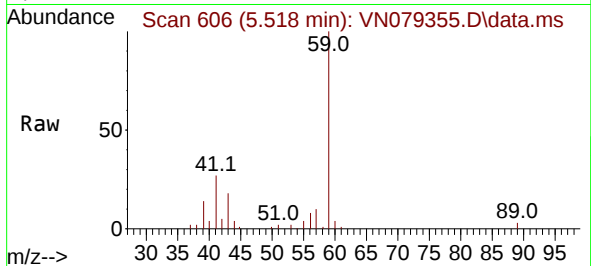
#23
tert-Butyl Alcohol
Concen: 276.087 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 59 Resp: 106444
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

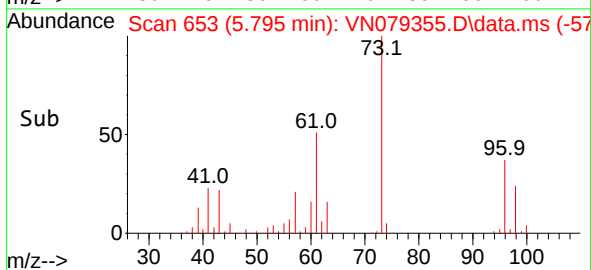
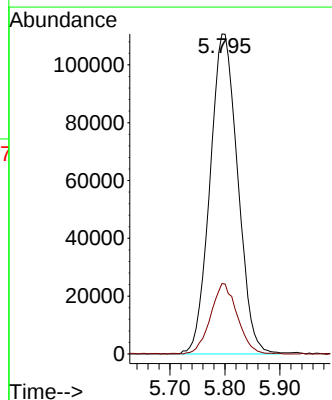
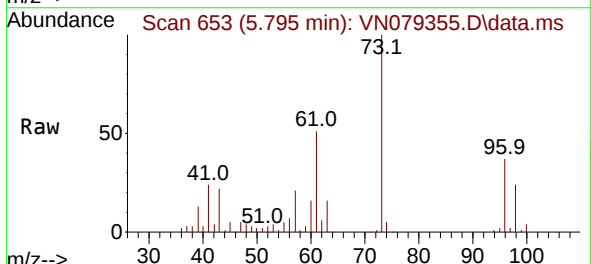
Manual Integrations
APPROVED

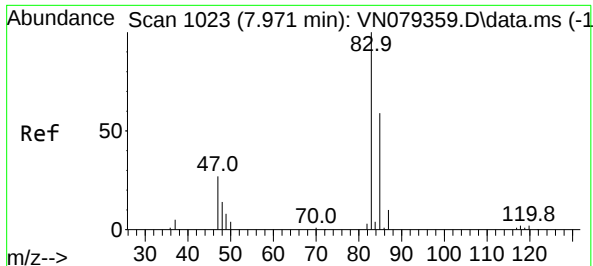
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#24
Methyl tert-Butyl Ether
Concen: 57.859 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.012 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

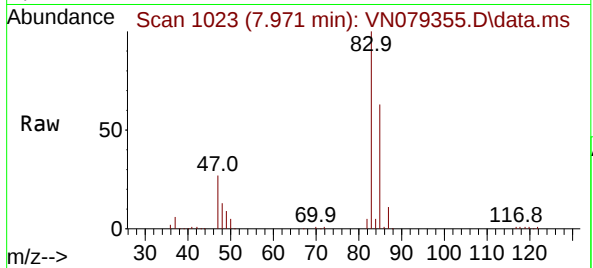
Tgt Ion: 73 Resp: 388498
Ion Ratio Lower Upper
73 100
43 21.1 16.6 24.8





#25
Chloroform
Concen: 50.070 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

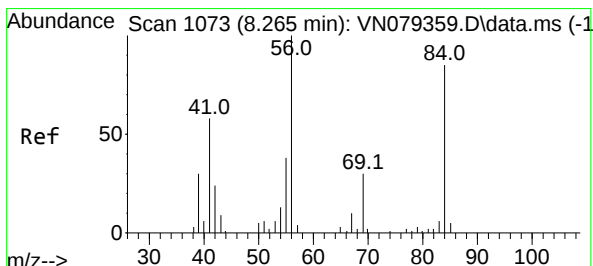
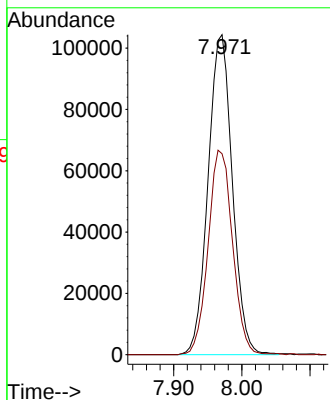
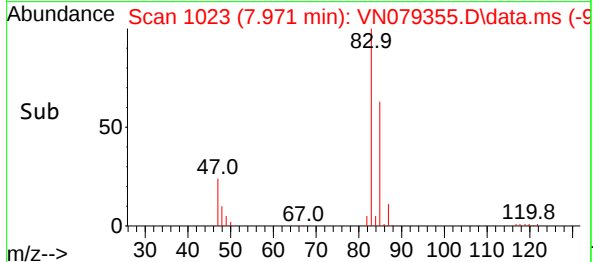
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 259260
Ion Ratio Lower Upper
83 100
85 62.8 47.4 71.2

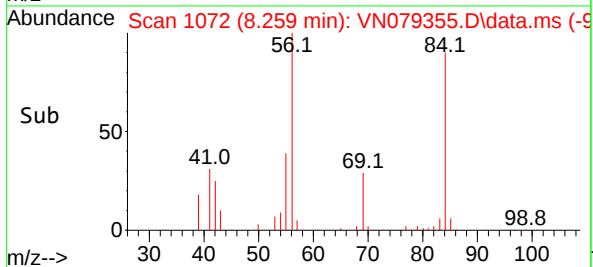
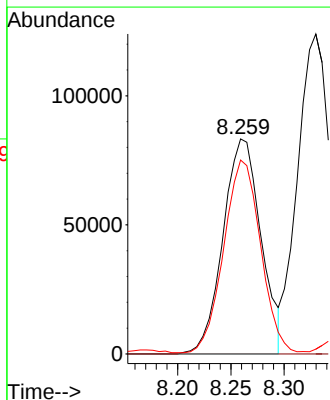
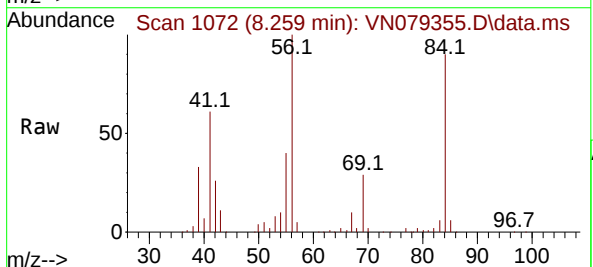
Manual Integrations
APPROVED

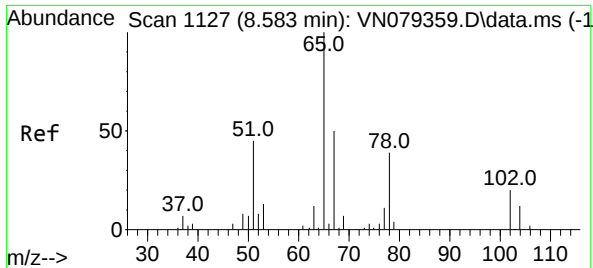
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#26
Cyclohexane
Concen: 59.750 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion: 56 Resp: 206809
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.0 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 29.519 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

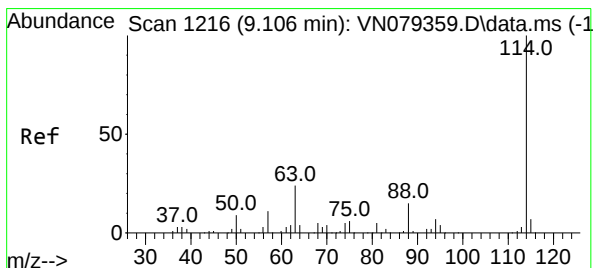
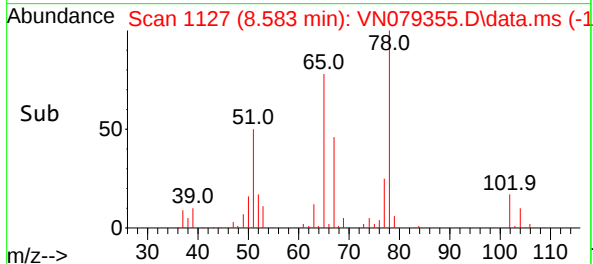
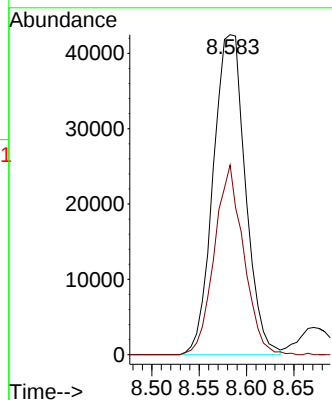
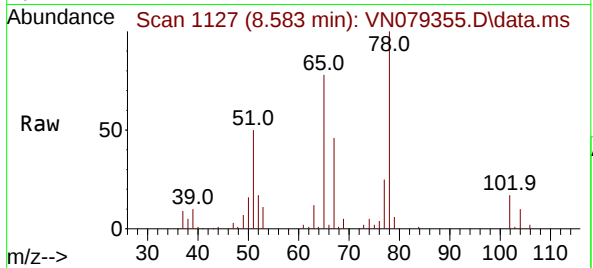
VSTDIC050

Tgt Ion: 65 Resp: 10075
Ion Ratio Lower Upper
65 100
67 53.7 42.1 63.1

Manual Integrations

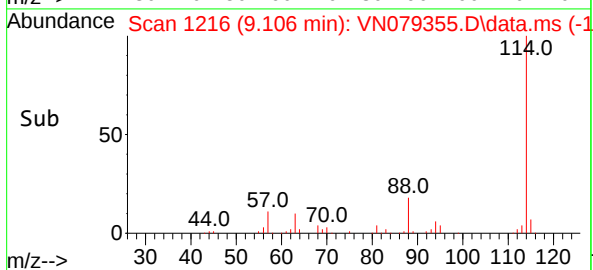
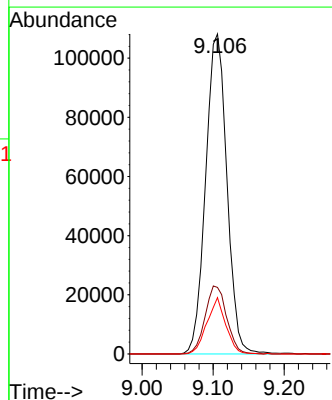
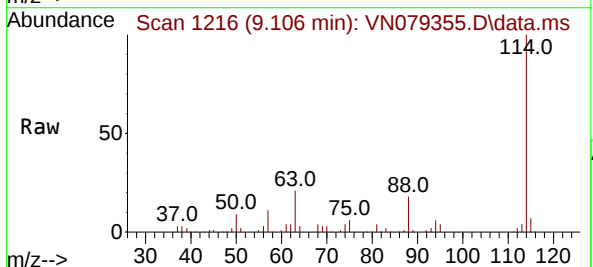
APPROVED

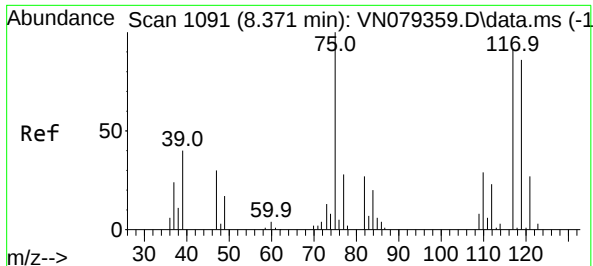
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion:114 Resp: 225316
Ion Ratio Lower Upper
114 100
63 21.6 18.1 27.1
88 15.6 12.2 18.2





#29
1,1-Dichloropropene
Concen: 51.308 ug/l
RT: 8.377 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

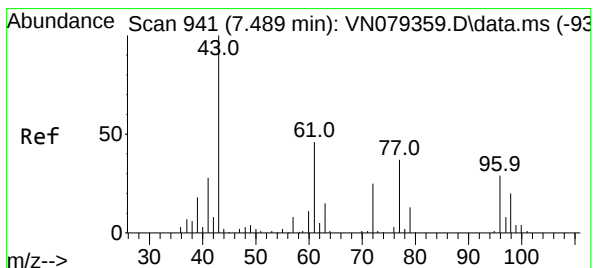
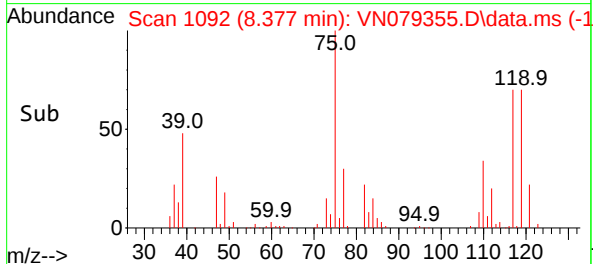
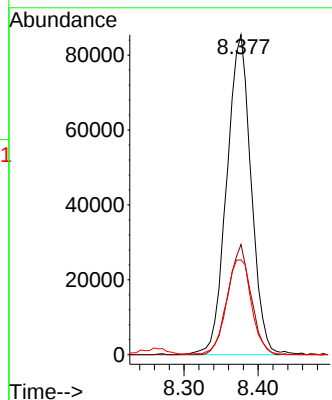
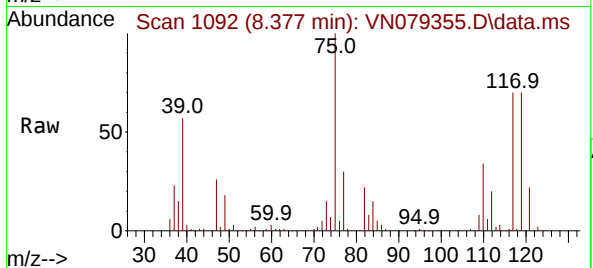
Tgt Ion: 75 Resp: 19476
Ion Ratio Lower Upper
75 100
110 32.4 0.0 66.8
77 30.9 0.0 61.2

Manual Integrations

APPROVED

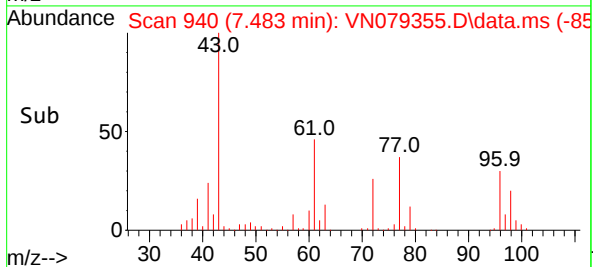
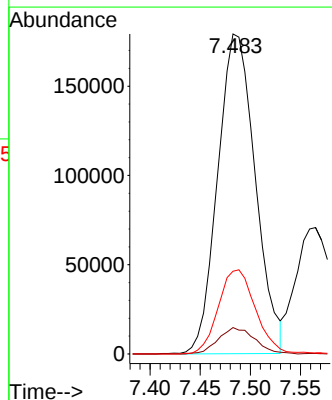
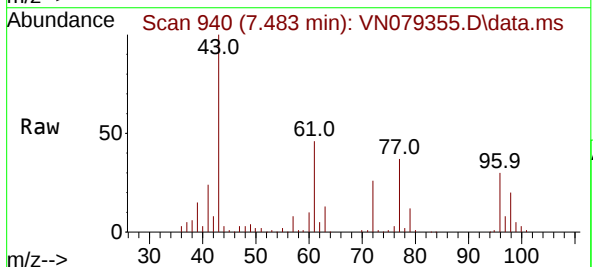
Reviewed By :John Carlone 09/28/2023

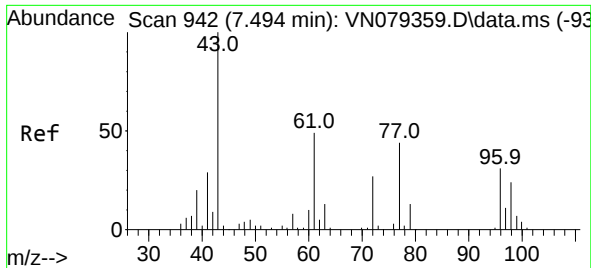
Supervised By :Semsettin Yesilyurt 09/28/2023



#30
2-Butanone
Concen: 248.820 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion: 43 Resp: 467260
Ion Ratio Lower Upper
43 100
57 8.0 6.4 9.6
72 25.9 20.7 31.1





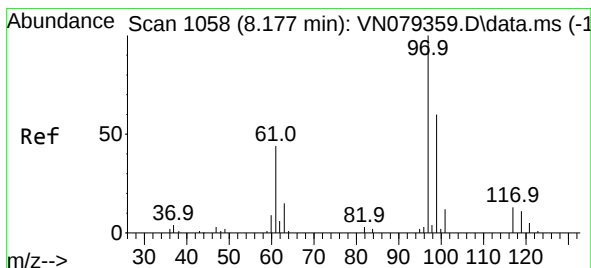
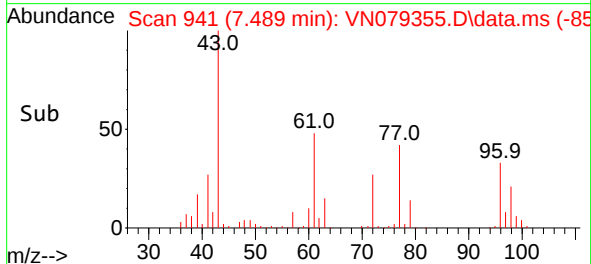
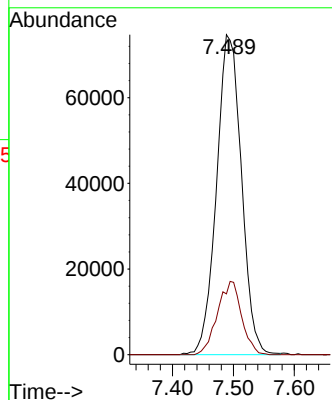
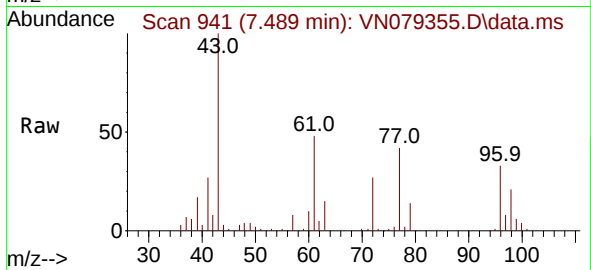
#31
2,2-Dichloropropane
Concen: 50.728 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 77 Resp: 21261
Ion Ratio Lower Upper
77 100
97 22.1 17.9 26.9

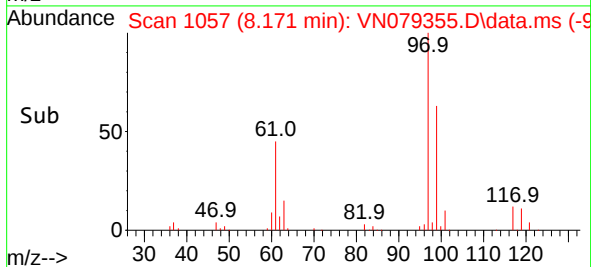
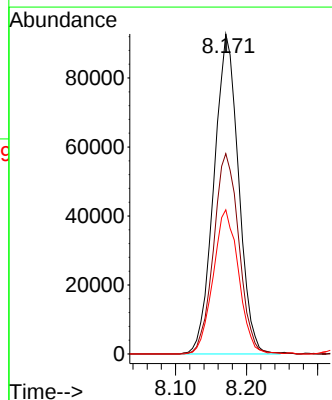
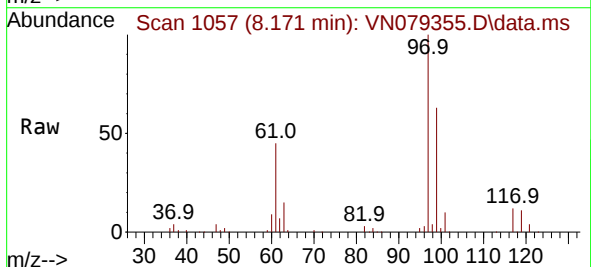
Manual Integrations
APPROVED

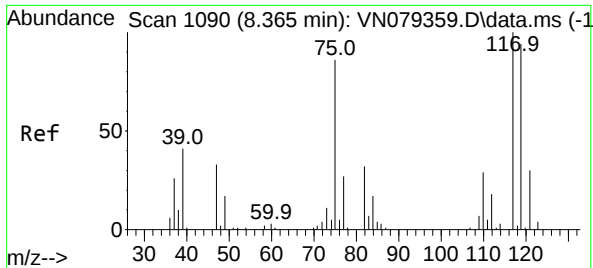
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#32
1,1,1-Trichloroethane
Concen: 50.726 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

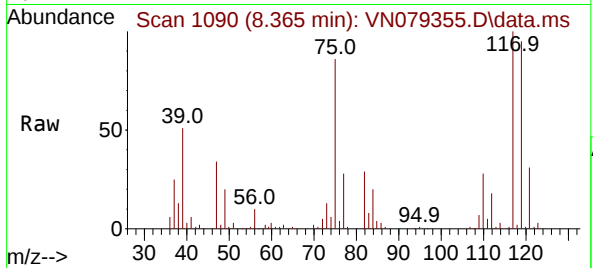
Tgt Ion: 97 Resp: 223247
Ion Ratio Lower Upper
97 100
99 64.2 51.9 77.9
61 46.4 37.6 56.4





#33
Carbon Tetrachloride
Concen: 50.490 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

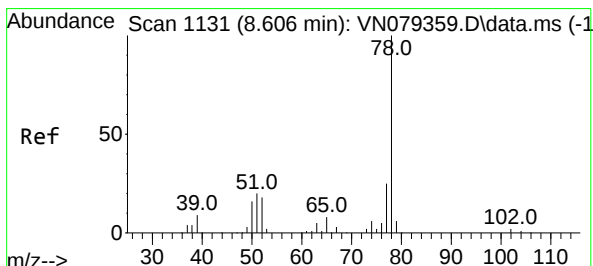
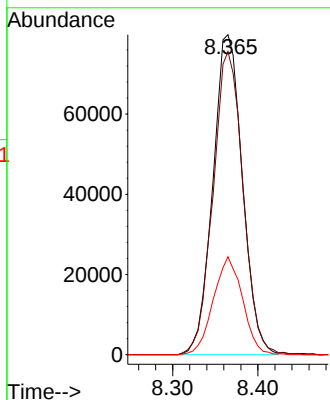
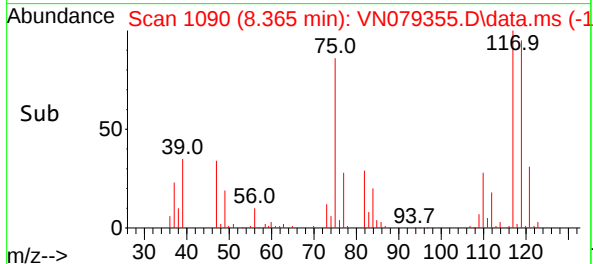
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



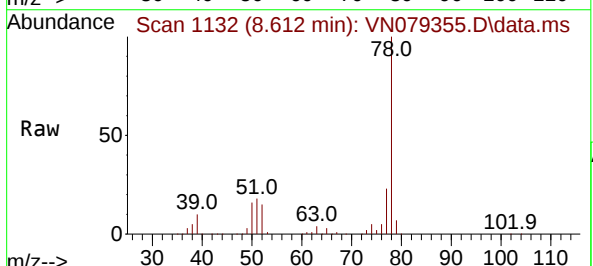
Tgt Ion:117 Resp: 192454
Ion Ratio Lower Upper
117 100
119 94.8 75.0 112.6
121 30.6 24.3 36.5

Manual Integrations
APPROVED

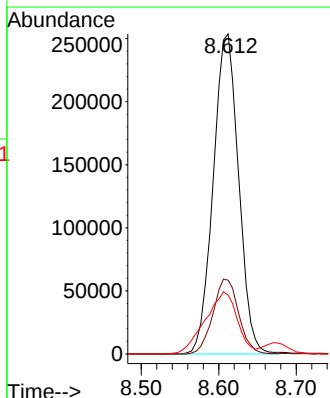
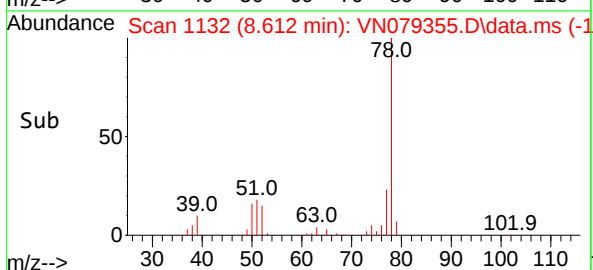
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

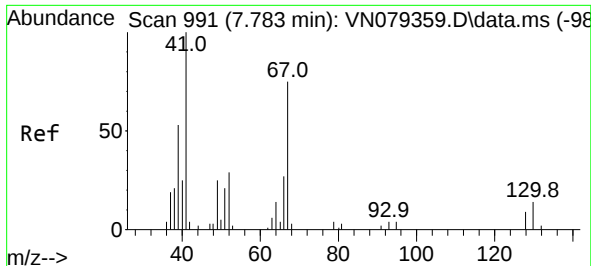


#34
Benzene
Concen: 50.272 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48



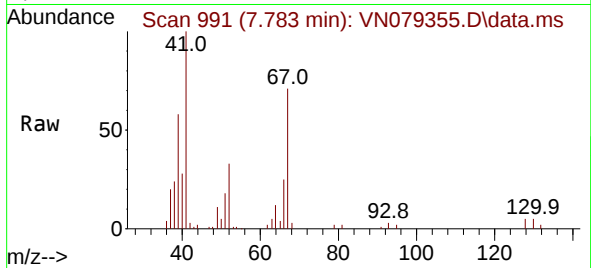
Tgt Ion: 78 Resp: 578159
Ion Ratio Lower Upper
78 100
77 23.1 19.7 29.5
51 17.9 15.8 23.6





#35
Methacrylonitrile
Concen: 49.232 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

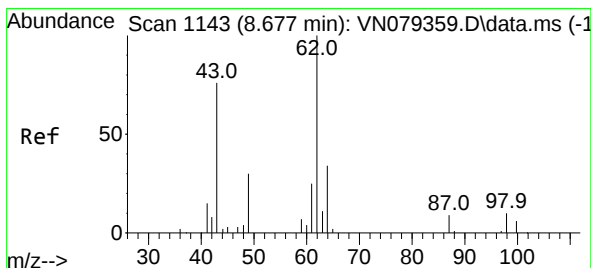
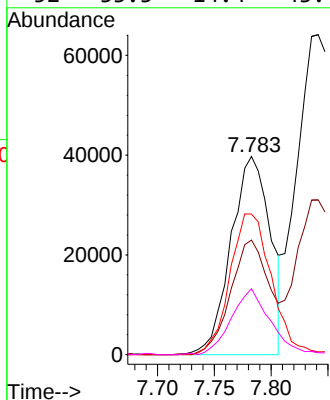
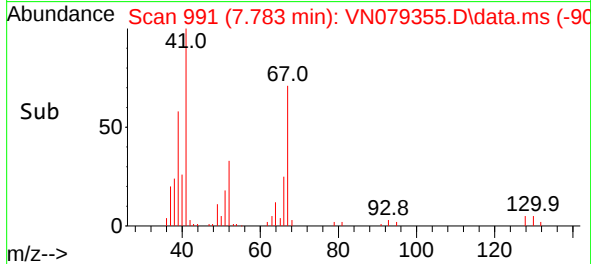
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:	41	Resp:	9572
Ion Ratio	100	Lower	Upper
39	57.4	26.3	78.8
67	71.0	37.5	112.3
52	33.3	14.4	43.4

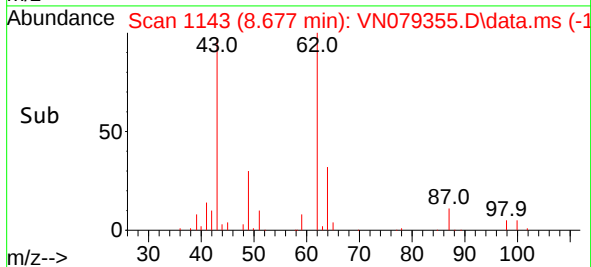
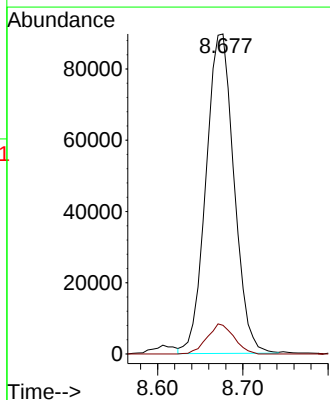
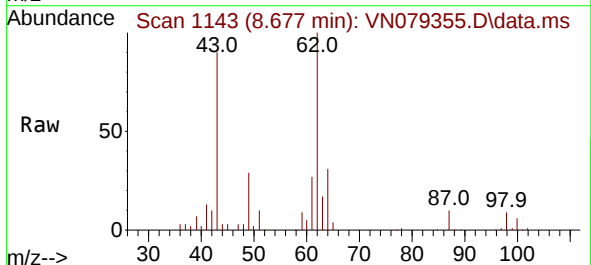
Manual Integrations
APPROVED

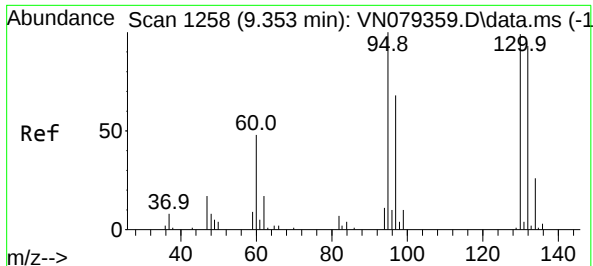
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#36
1,2-Dichloroethane
Concen: 49.277 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion:	62	Resp:	205272
Ion Ratio	100	Lower	Upper
98	8.9	7.2	10.8





#37

Trichloroethene

Concen: 49.208 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079355.D

Acq: 27 Sep 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:130 Resp: 133000

Ion Ratio Lower Upper

130 100

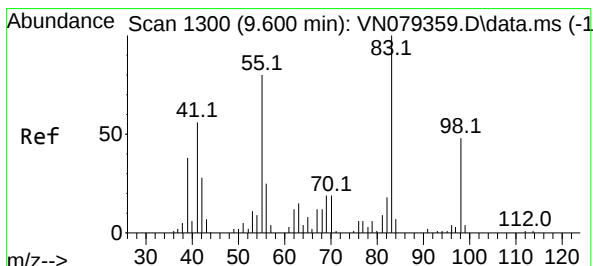
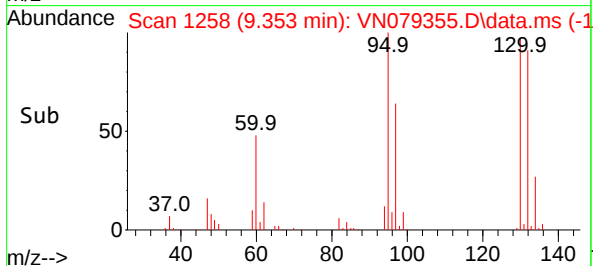
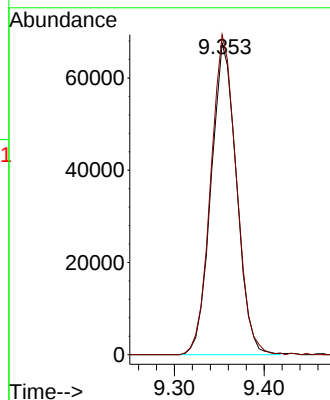
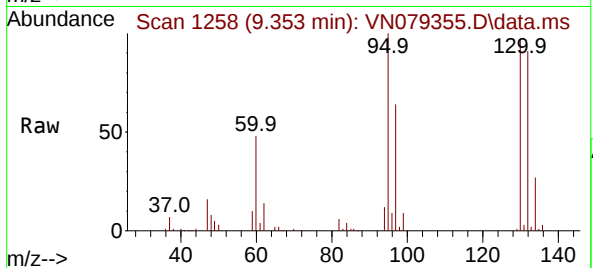
95 102.7 81.2 121.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#38

Methylcyclohexane

Concen: 54.303 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN079355.D

Acq: 27 Sep 2023 09:48

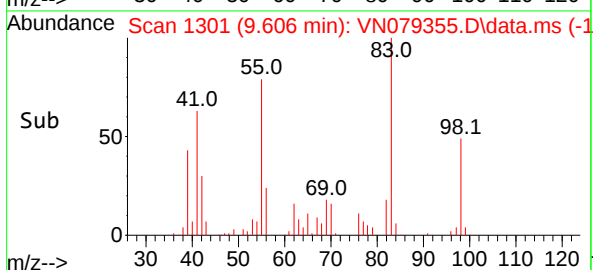
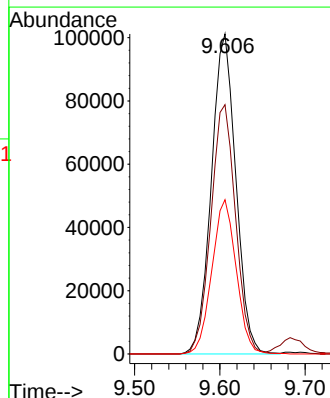
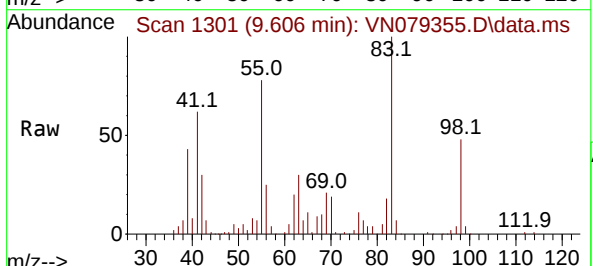
Tgt Ion: 83 Resp: 202144

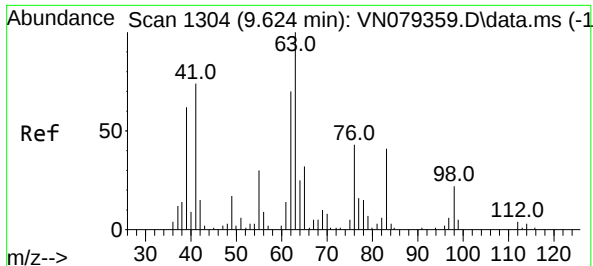
Ion Ratio Lower Upper

83 100

55 78.6 39.7 119.1

98 47.9 24.4 73.2





#39

1,2-Dichloropropane

Concen: 49.827 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079355.D

Acq: 27 Sep 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 152108

Ion Ratio Lower Upper

63 100

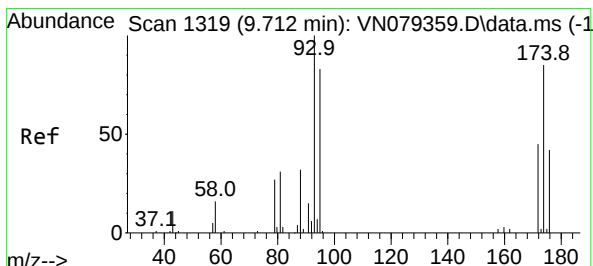
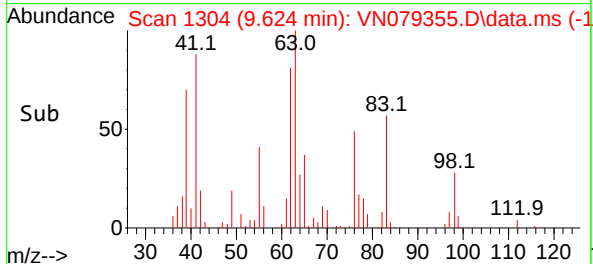
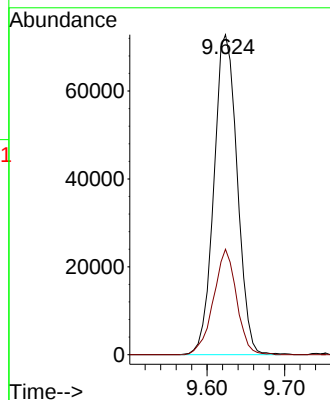
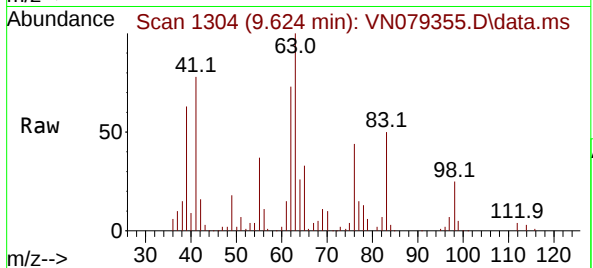
65 32.9 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#40

Dibromomethane

Concen: 49.411 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079355.D

Acq: 27 Sep 2023 09:48

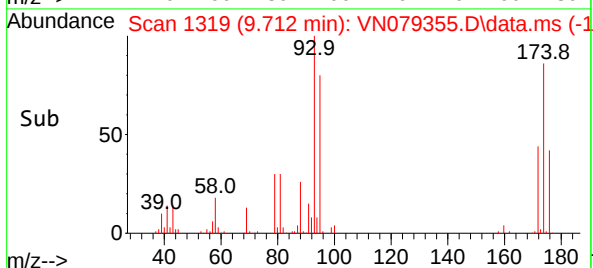
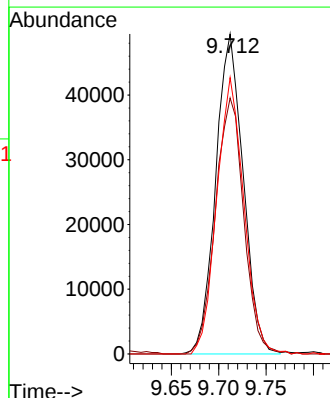
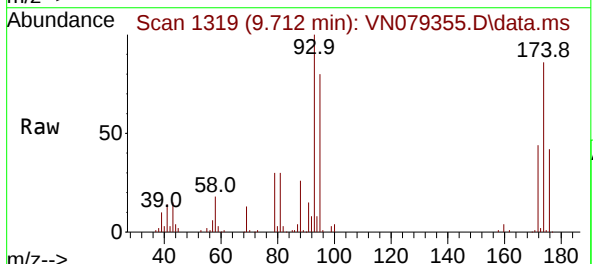
Tgt Ion: 93 Resp: 99848

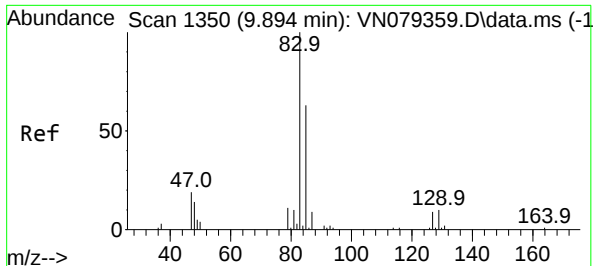
Ion Ratio Lower Upper

93 100

95 82.3 0.0 166.6

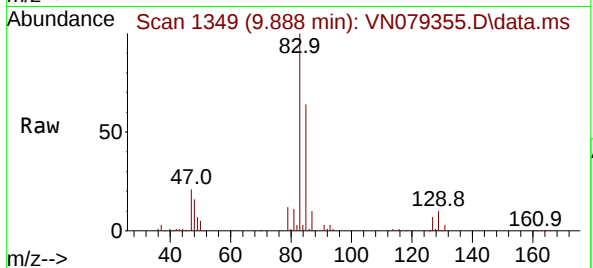
174 85.0 0.0 171.0





#41
Bromodichloromethane
Concen: 49.908 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

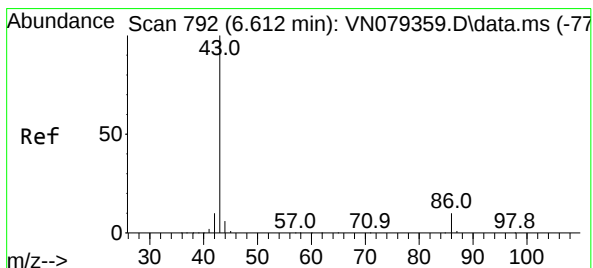
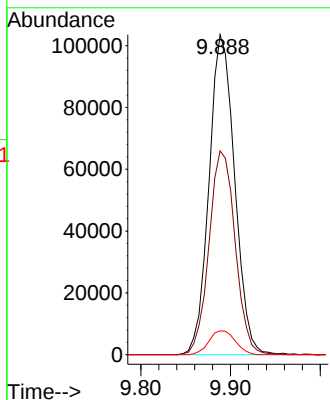
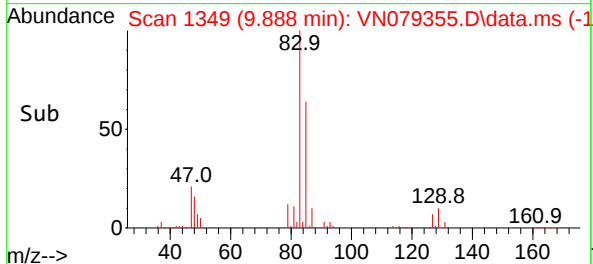
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 205369
Ion Ratio Lower Upper
83 100
85 63.7 50.3 75.5
127 7.5 6.8 10.2

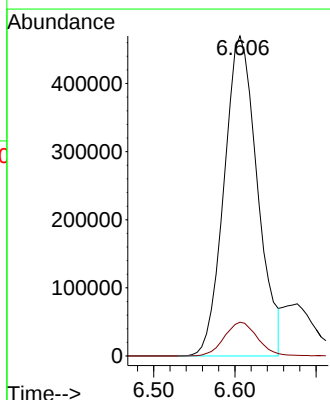
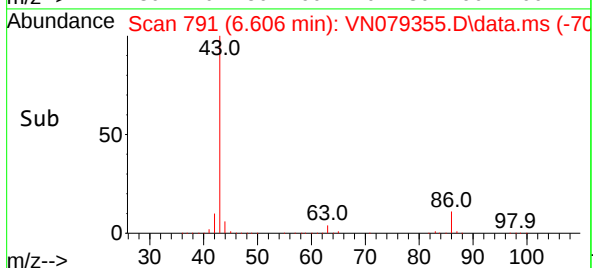
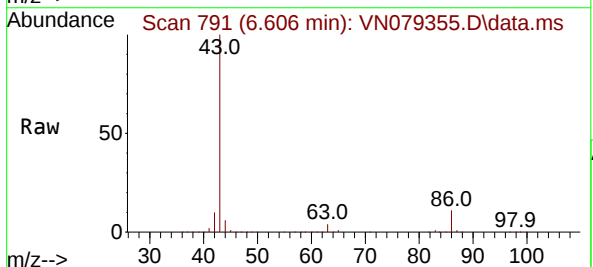
Manual Integrations
APPROVED

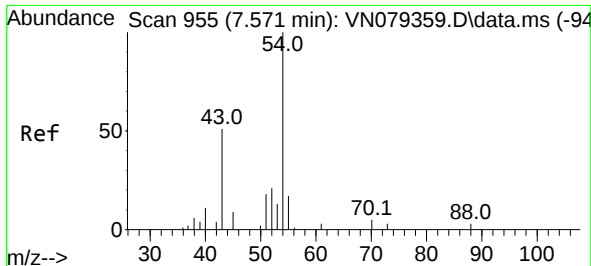
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#42
Vinyl Acetate
Concen: 263.564 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion: 43 Resp: 1337409
Ion Ratio Lower Upper
43 100
86 10.5 8.2 12.2





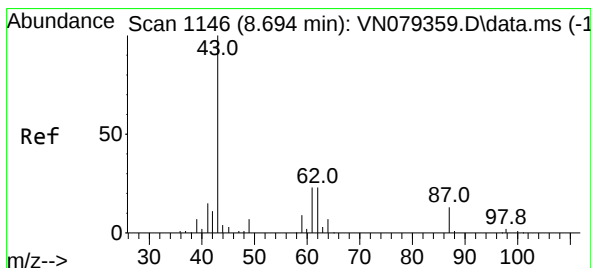
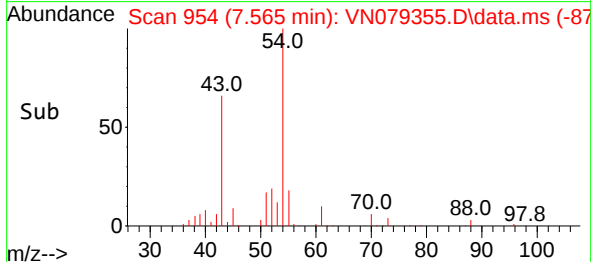
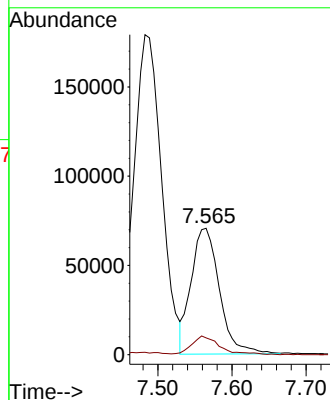
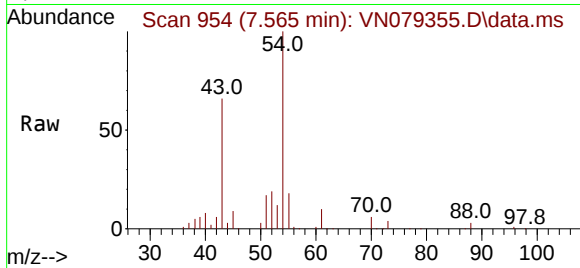
#43
Ethyl Acetate
Concen: 49.965 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 186899
Ion Ratio Lower Upper
43 100
45 12.1 11.8 17.8

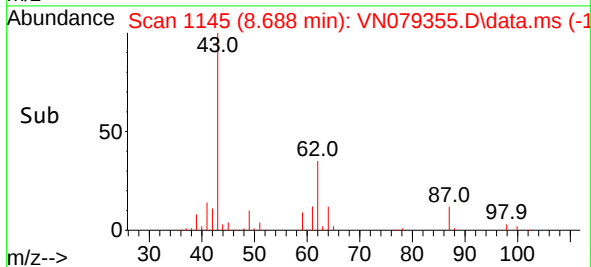
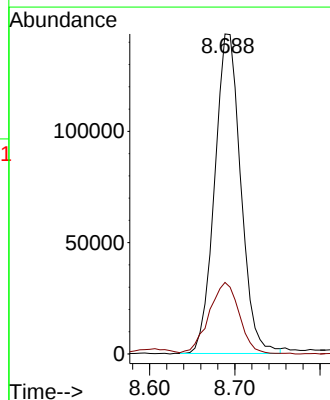
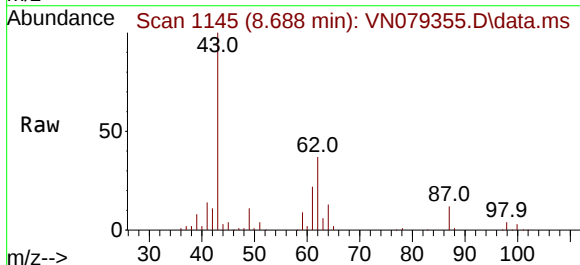
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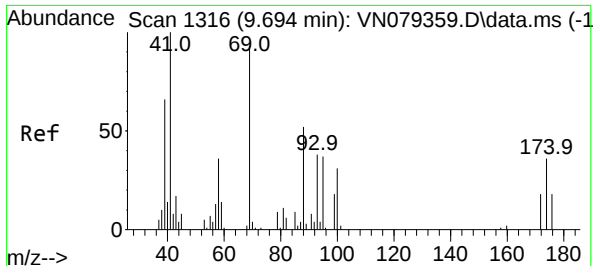
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#44
Isopropyl Acetate
Concen: 50.837 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion: 43 Resp: 305738
Ion Ratio Lower Upper
43 100
61 26.1 20.3 30.5





#45

1,4-Dioxane

Concen: 1031.593 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN079355.D

Acq: 27 Sep 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 88 Resp: 51178

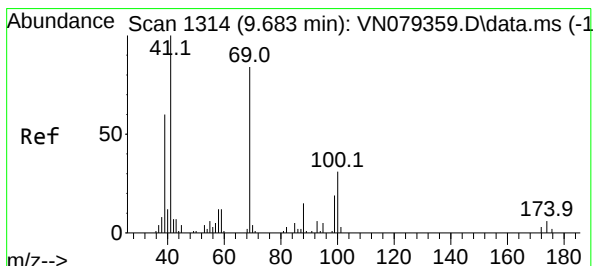
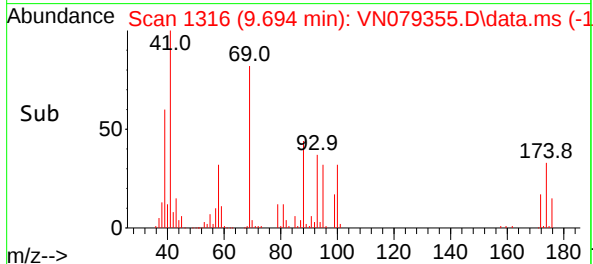
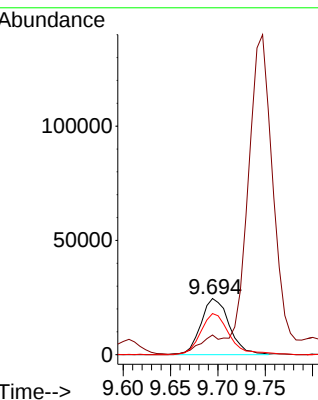
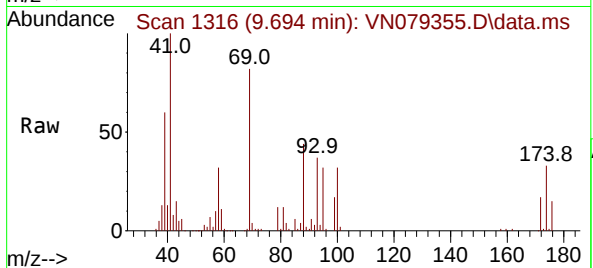
Ion	Ratio	Lower	Upper
88	100		
43	23.2	28.7	43.1
58	74.5	56.9	85.3

Manual Integrations

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Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#46

Methyl methacrylate

Concen: 53.601 ug/l

RT: 9.682 min Scan# 1314

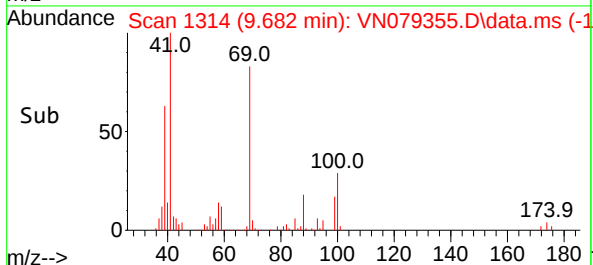
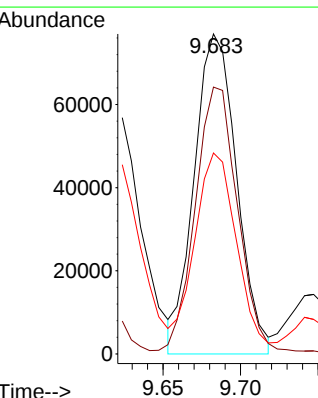
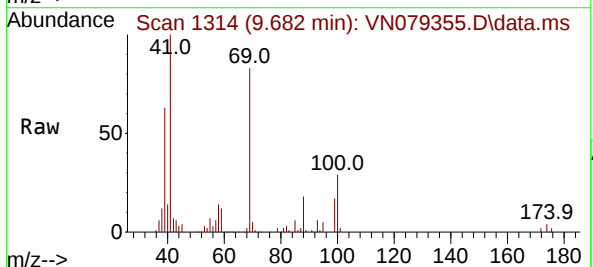
Delta R.T. -0.000 min

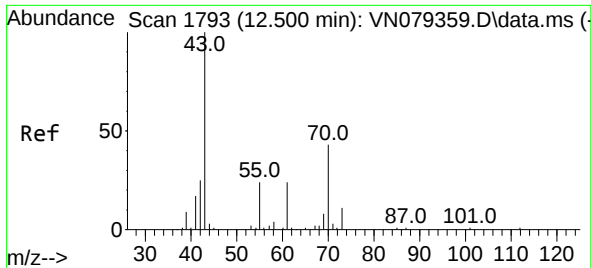
Lab File: VN079355.D

Acq: 27 Sep 2023 09:48

Tgt Ion: 41 Resp: 146512

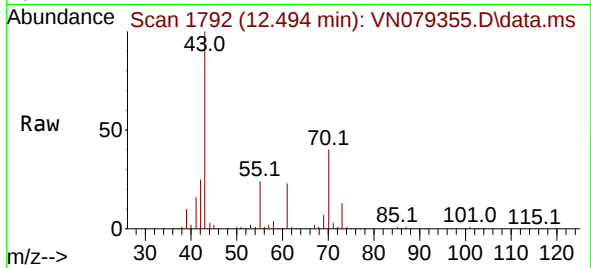
Ion	Ratio	Lower	Upper
41	100		
69	84.9	40.0	119.9
39	62.6	31.1	93.3





#47
n-amy1 Acetate
Concen: 60.082 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

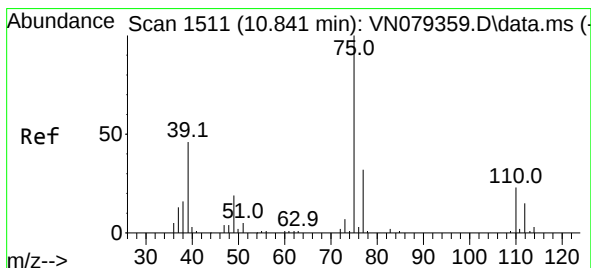
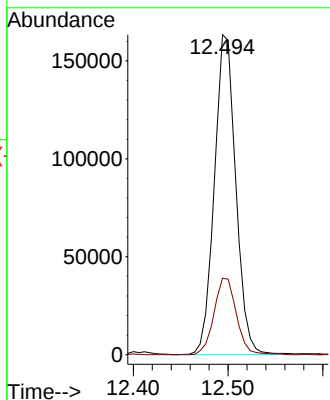
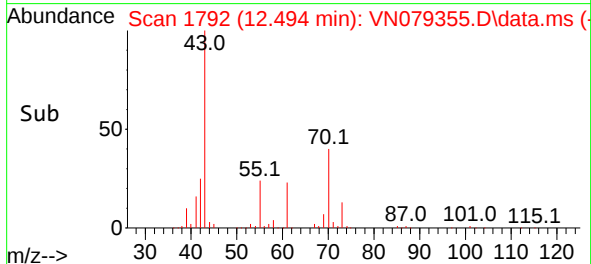
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



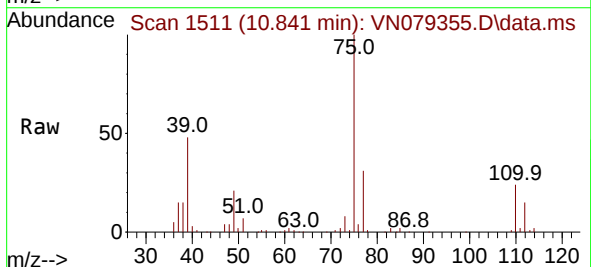
Tgt Ion: 43 Resp: 257140
Ion Ratio Lower Upper
43 100
55 24.9 20.7 31.1

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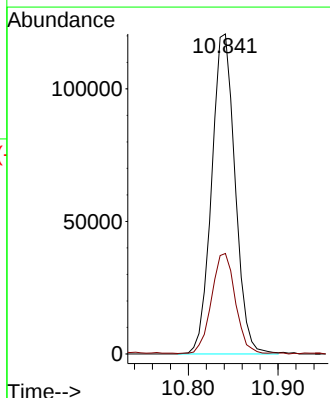
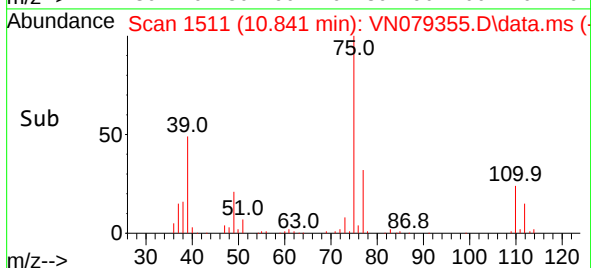
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

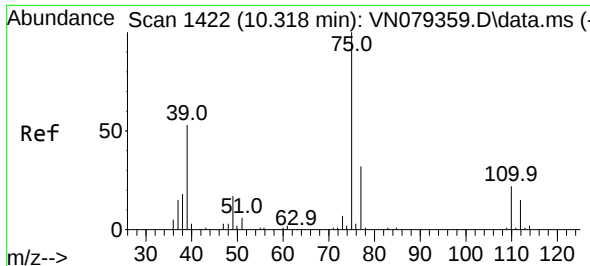


#48
t-1,3-Dichloropropene
Concen: 52.403 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48



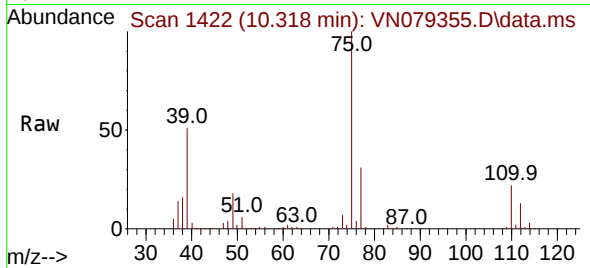
Tgt Ion: 75 Resp: 219023
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4





#49
 cis-1,3-Dichloropropene
 Concen: 53.325 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079355.D
 Acq: 27 Sep 2023 09:48

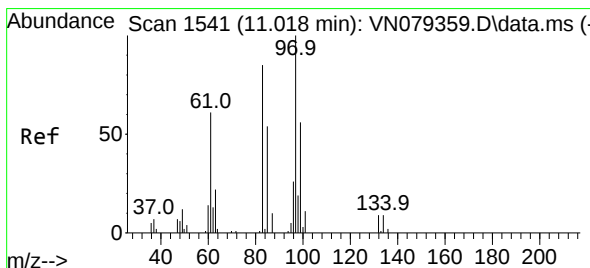
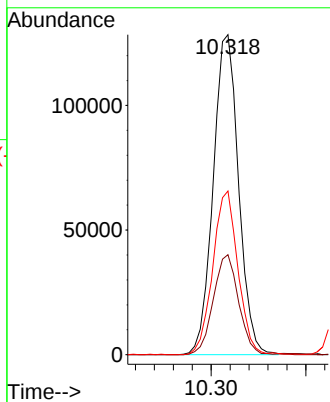
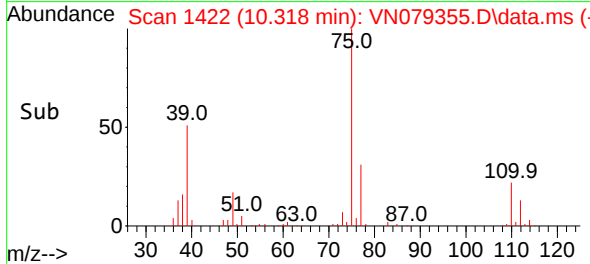
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 75 Resp: 239150
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.6
 39 51.2 42.4 63.6

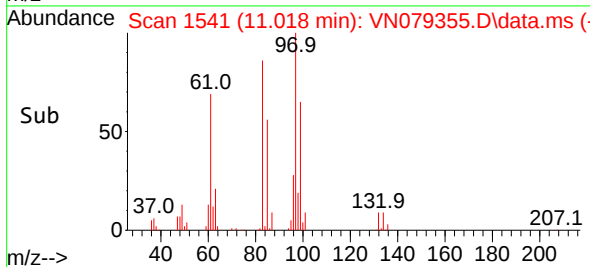
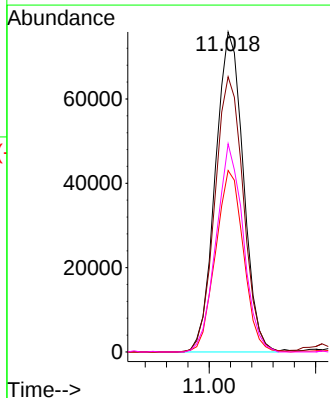
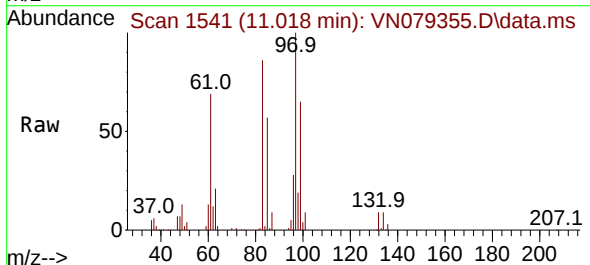
Manual Integrations
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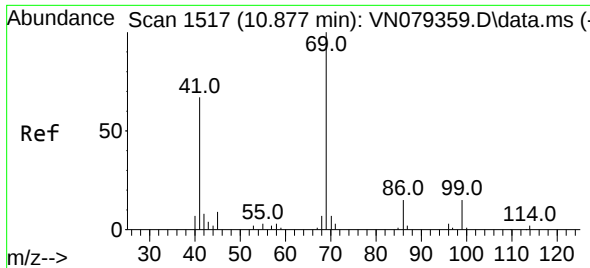
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#50
 1,1,2-Trichloroethane
 Concen: 50.158 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN079355.D
 Acq: 27 Sep 2023 09:48

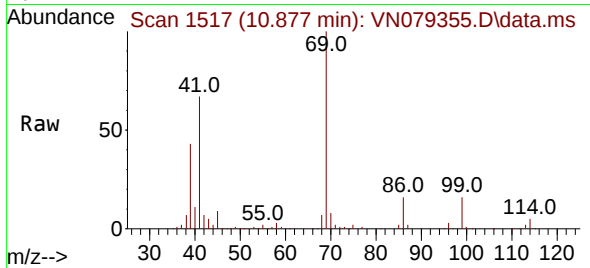
Tgt Ion: 97 Resp: 138272
 Ion Ratio Lower Upper
 97 100
 83 86.0 68.2 102.4
 85 56.7 42.9 64.3
 99 65.0 44.8 67.2





#51
Ethyl methacrylate
Concen: 55.821 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

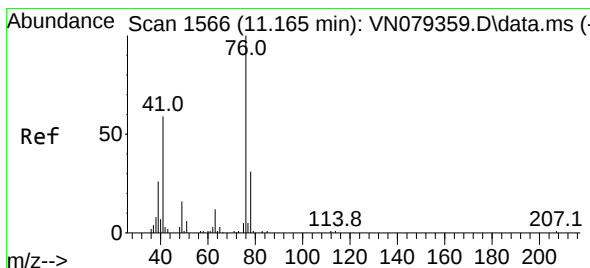
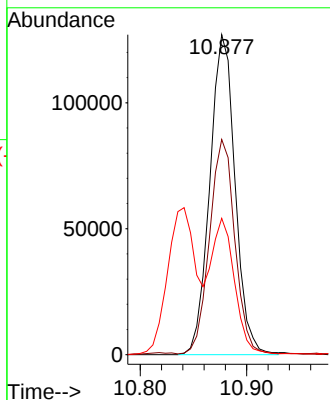
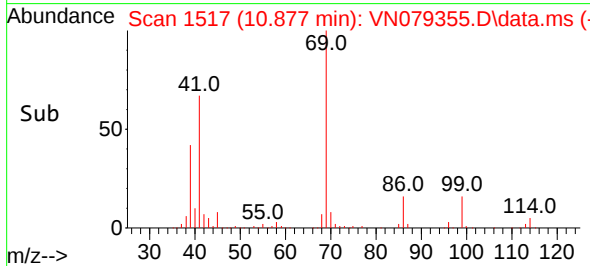
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



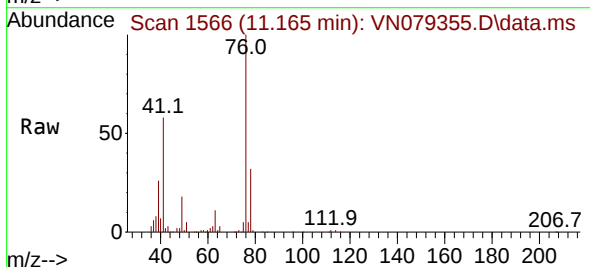
Tgt Ion: 69 Resp: 209174
Ion Ratio Lower Upper
69 100
41 67.0 33.8 101.3
39 42.3 21.3 63.9

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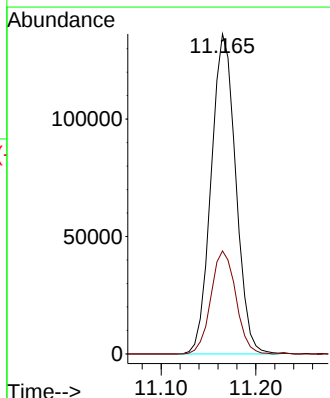
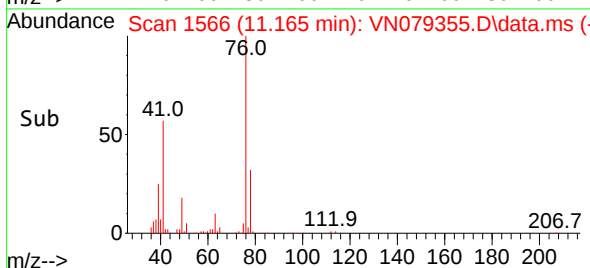
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

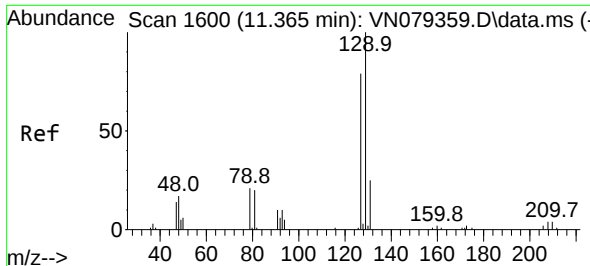


#52
1,3-Dichloropropane
Concen: 50.090 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48



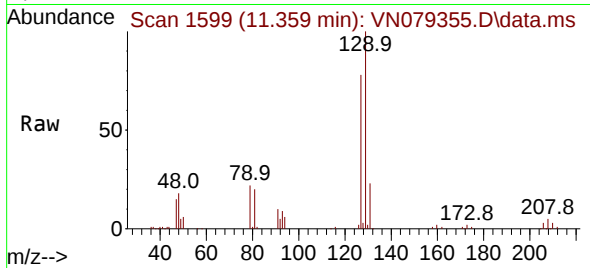
Tgt Ion: 76 Resp: 246313
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.0





#53
Dibromochloromethane
Concen: 52.031 ug/l
RT: 11.359 min Scan# 11359
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

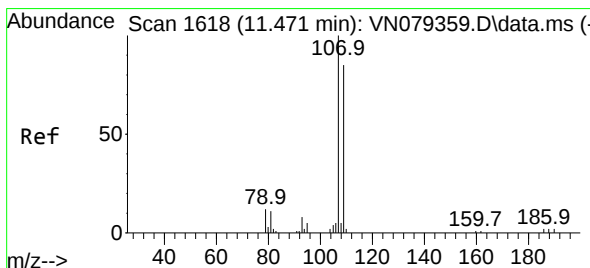
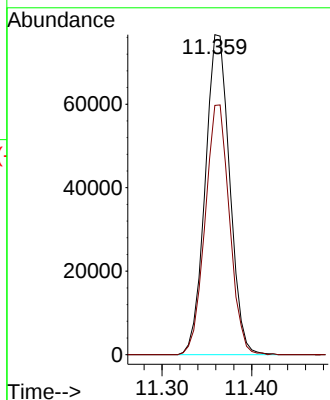
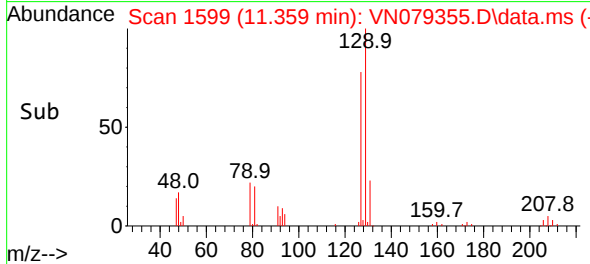
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:129 Resp: 145180
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.3

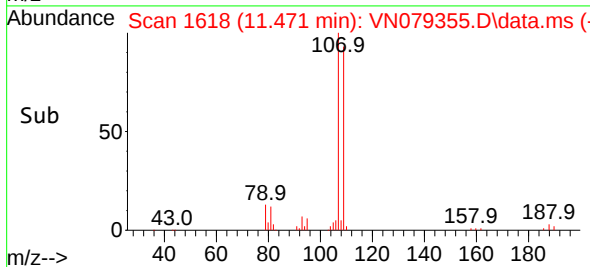
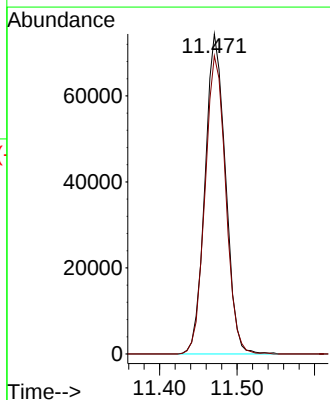
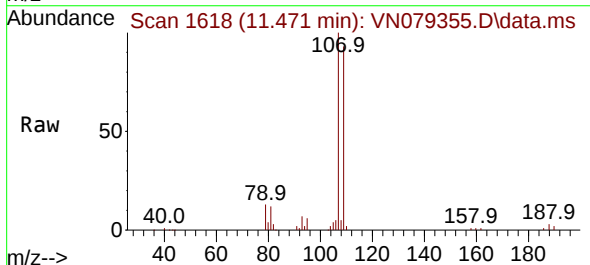
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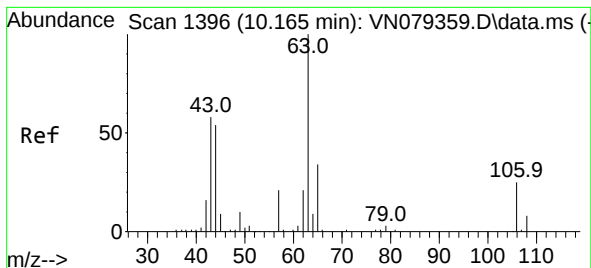
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#54
1,2-Dibromoethane
Concen: 50.695 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion:107 Resp: 136294
Ion Ratio Lower Upper
107 100
109 94.1 73.2 109.8





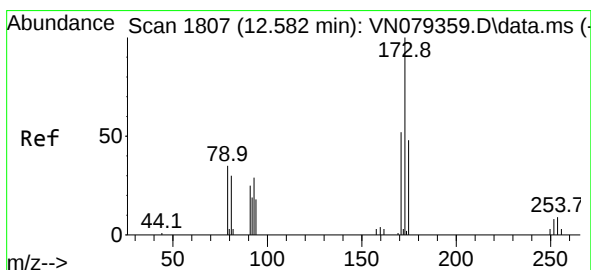
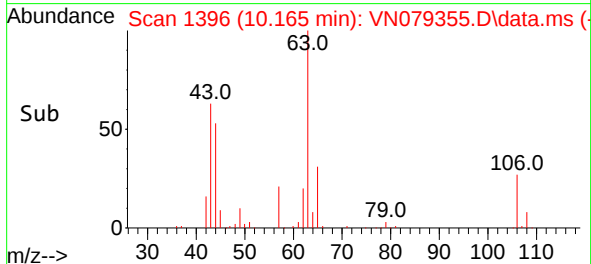
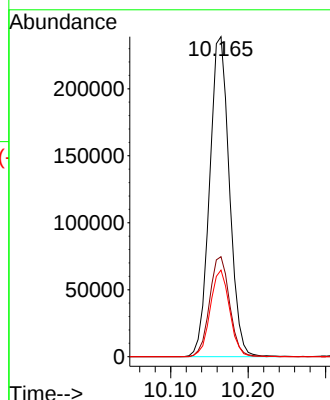
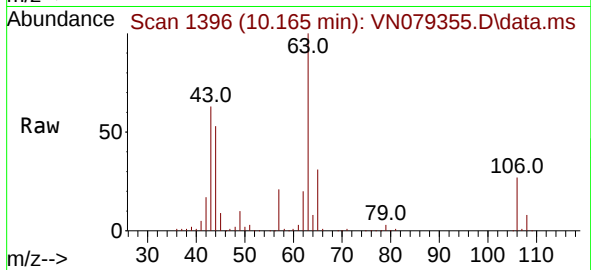
#55
2-Chloroethyl vinyl ether
Concen: 290.397 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 42304
Ion Ratio Lower Upper
63 100
65 31.6 25.9 38.9
106 26.5 20.6 30.8

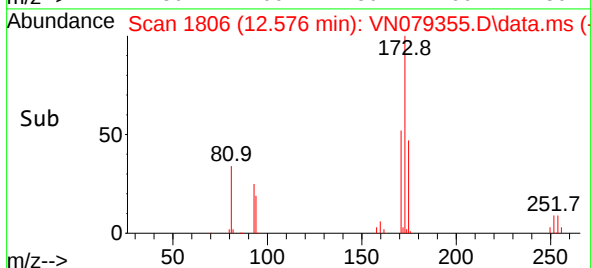
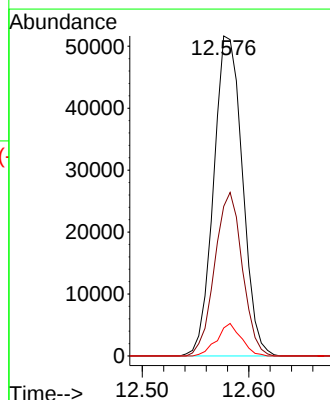
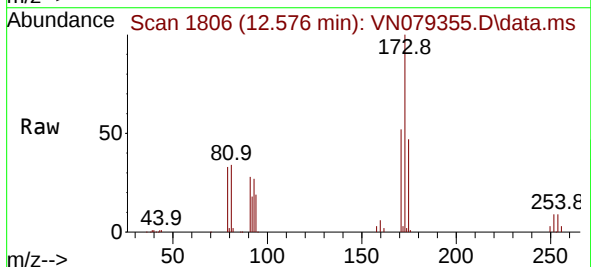
Manual Integrations
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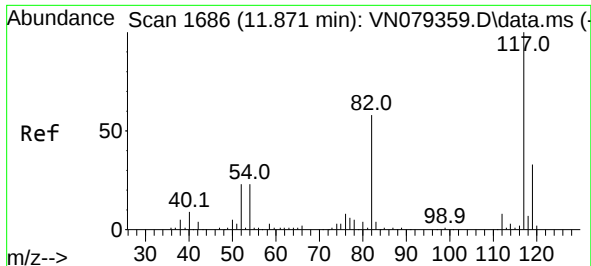
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#56
Bromoform
Concen: 54.462 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

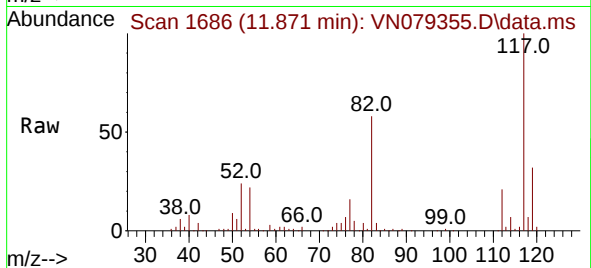
Tgt Ion:173 Resp: 96812
Ion Ratio Lower Upper
173 100
175 49.1 37.9 56.9
254 8.6 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

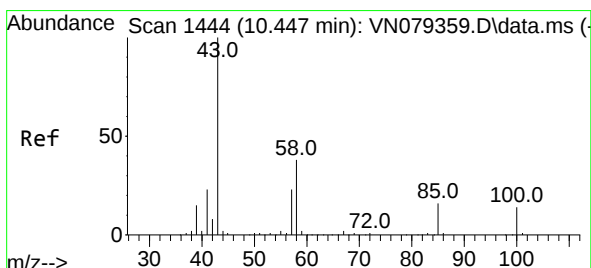
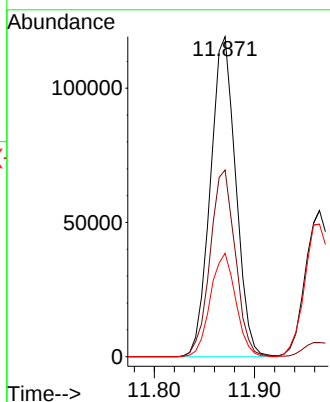
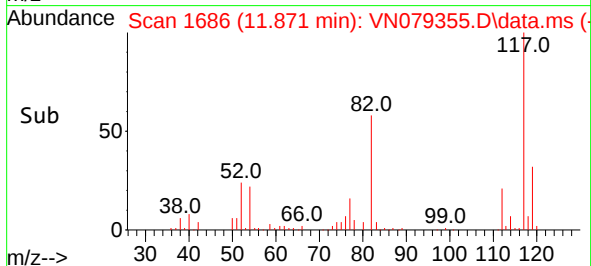
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



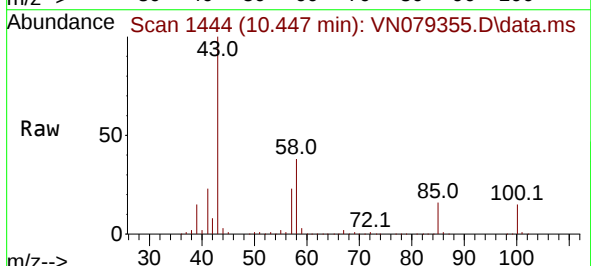
Tgt Ion:117 Resp: 209852
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.2
119 32.2 25.2 37.8

Manual Integrations
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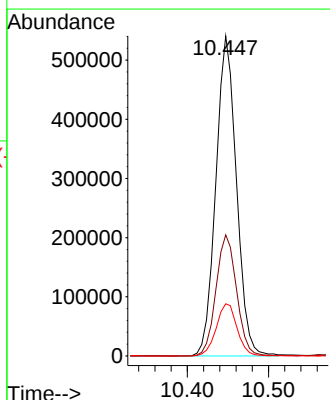
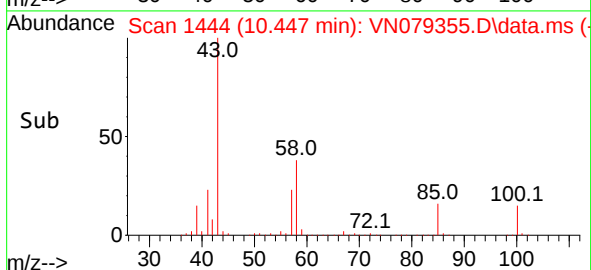
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

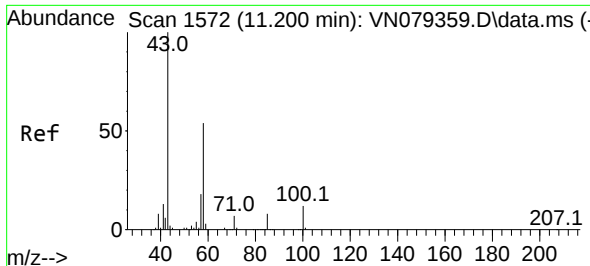


#58
4-Methyl-2-Pentanone
Concen: 254.339 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48



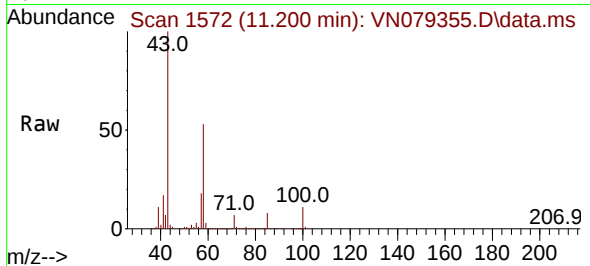
Tgt Ion: 43 Resp: 955160
Ion Ratio Lower Upper
43 100
58 37.9 30.4 45.6
85 16.6 13.2 19.8





#59
2-Hexanone
Concen: 259.305 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

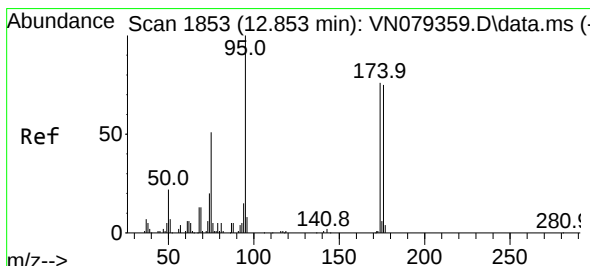
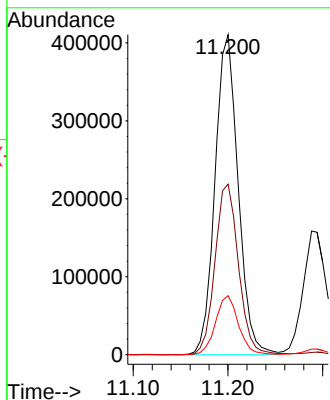
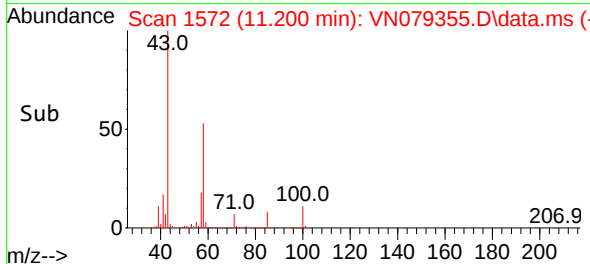
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 696700
Ion Ratio Lower Upper
43 100
58 54.1 42.3 63.5
57 18.3 13.9 20.9

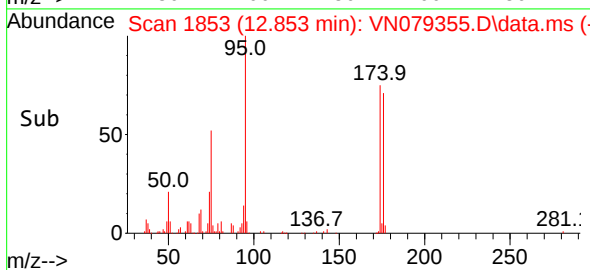
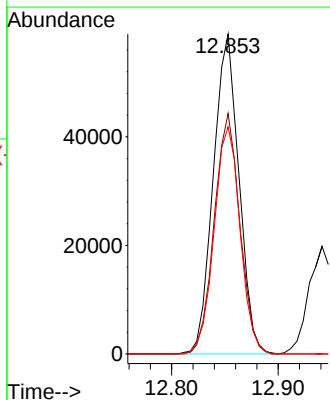
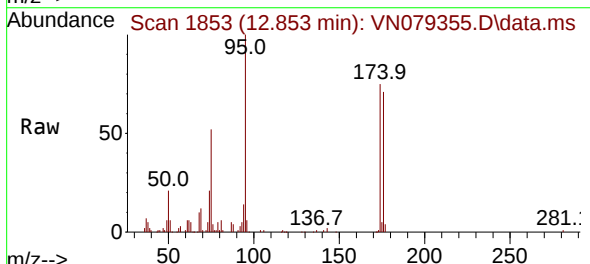
Manual Integrations
APPROVED

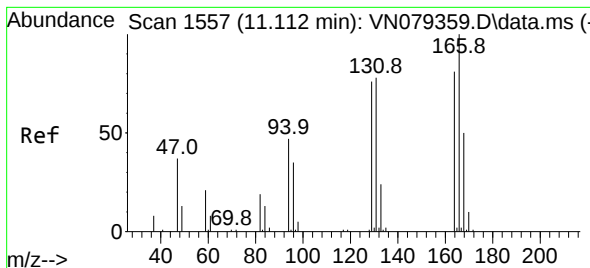
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#60
4-Bromofluorobenzene
Concen: 32.876 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion: 95 Resp: 98336
Ion Ratio Lower Upper
95 100
174 75.2 60.5 90.7
176 71.8 57.2 85.8





#61

Tetrachloroethene

Concen: 47.936 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN079355.D

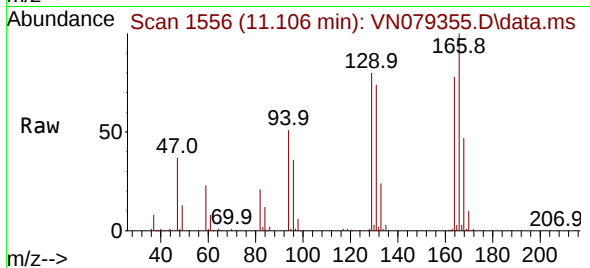
Acq: 27 Sep 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



Tgt Ion:164 Resp: 11216

Ion Ratio Lower Upper

164 100

166 127.8 98.2 147.4

129 101.8 75.0 112.4

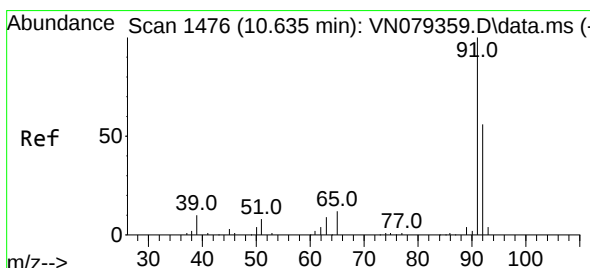
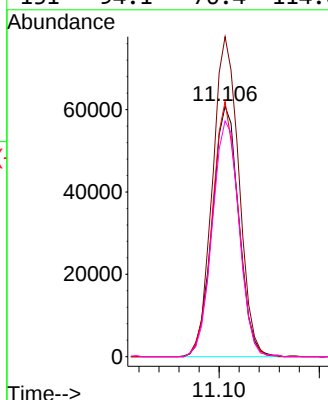
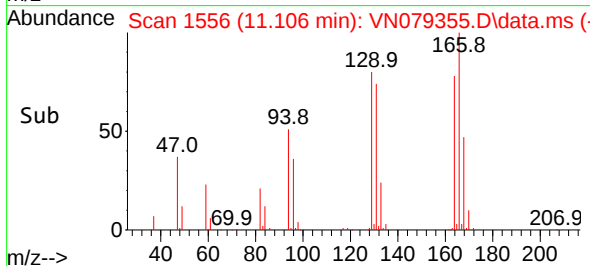
131 94.1 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#62

Toluene

Concen: 49.353 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VN079355.D

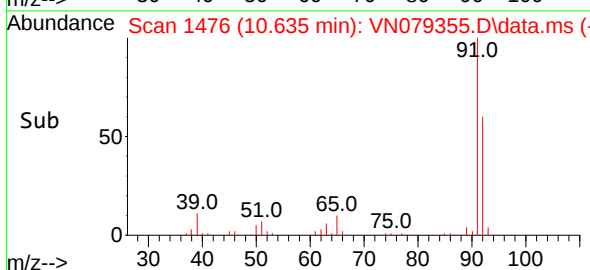
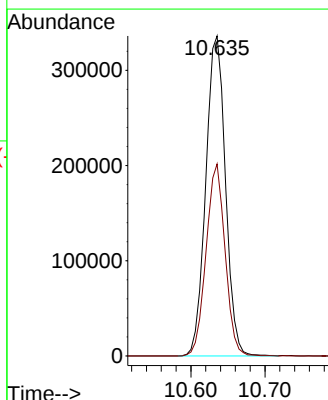
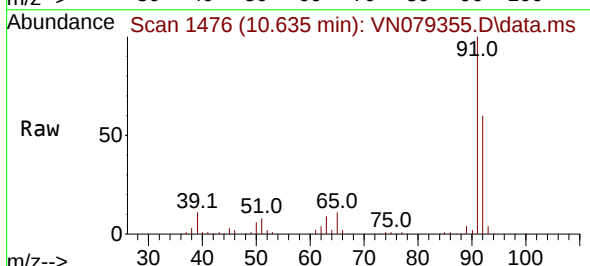
Acq: 27 Sep 2023 09:48

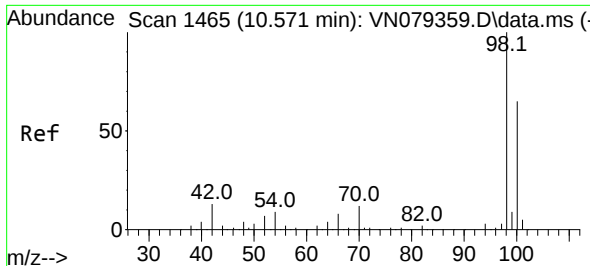
Tgt Ion: 91 Resp: 620418

Ion Ratio Lower Upper

91 100

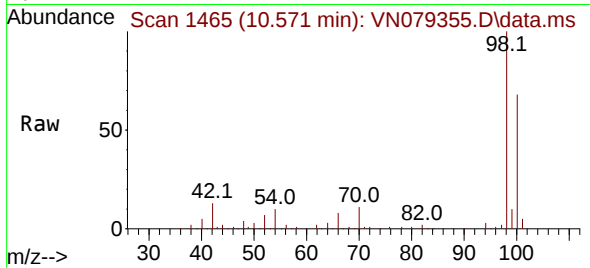
92 57.8 45.3 67.9





#63
Toluene-d8
Concen: 29.672 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

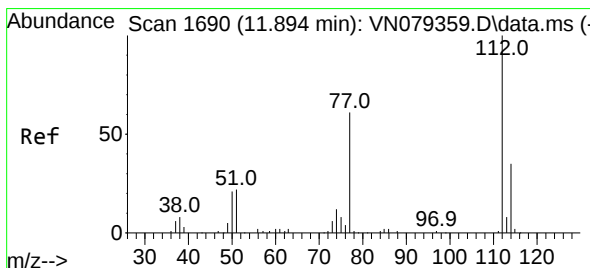
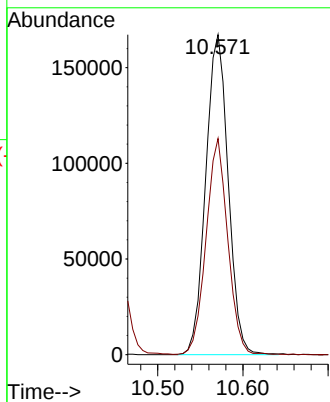
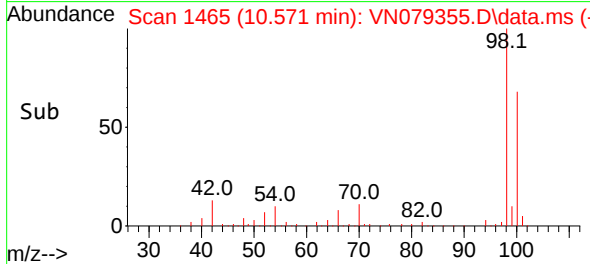
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



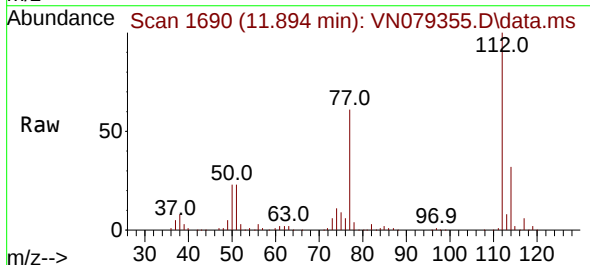
Tgt Ion: 98 Resp: 305920
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4

Manual Integrations
APPROVED

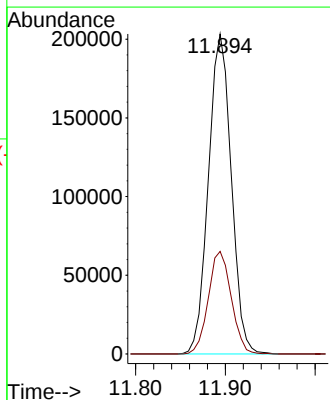
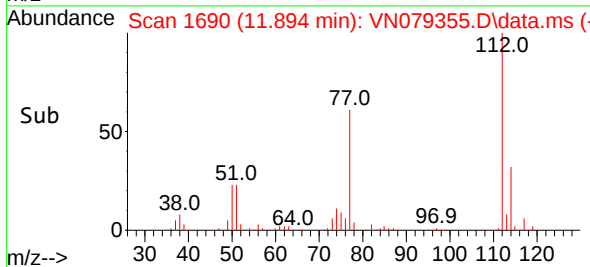
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

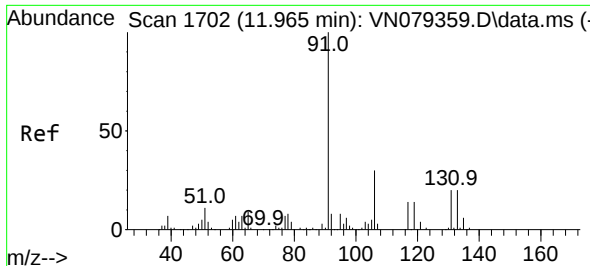


#64
Chlorobenzene
Concen: 49.870 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48



Tgt Ion:112 Resp: 359798
Ion Ratio Lower Upper
112 100
114 32.0 28.1 42.1





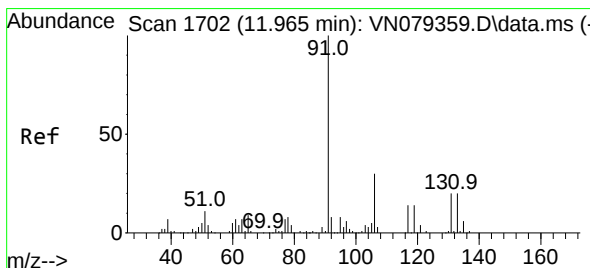
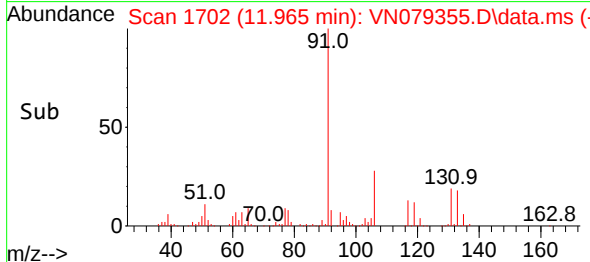
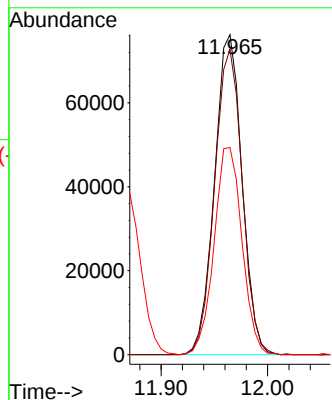
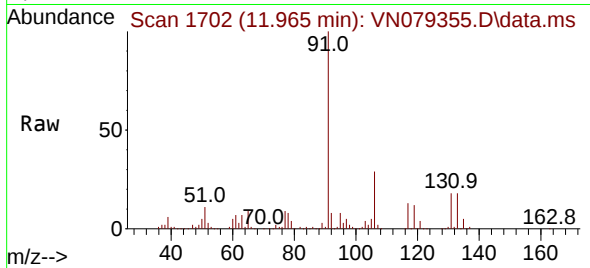
#65
1,1,1,2-Tetrachloroethane
Concen: 50.716 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:131 Resp: 13687
Ion Ratio Lower Upper
131 100
133 95.8 0.0 196.0
119 65.7 0.0 135.6

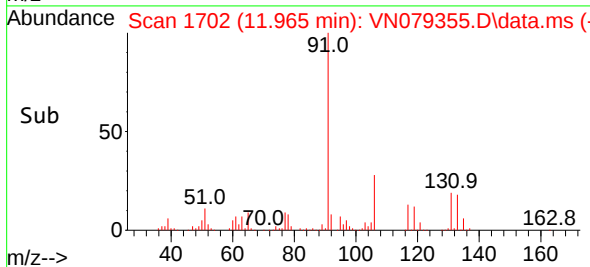
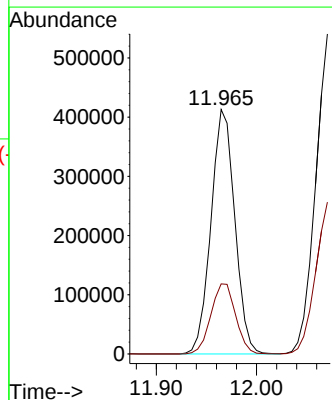
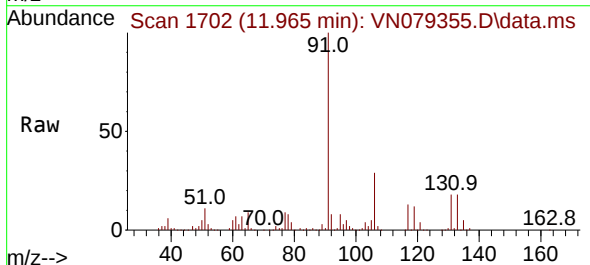
Manual Integrations
APPROVED

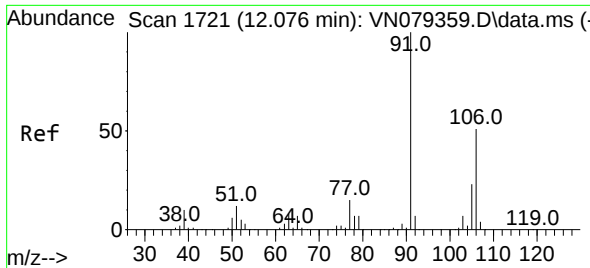
Reviewed By :John Carbone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#66
Ethyl Benzene
Concen: 53.721 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion: 91 Resp: 683055
Ion Ratio Lower Upper
91 100
106 28.7 23.8 35.8





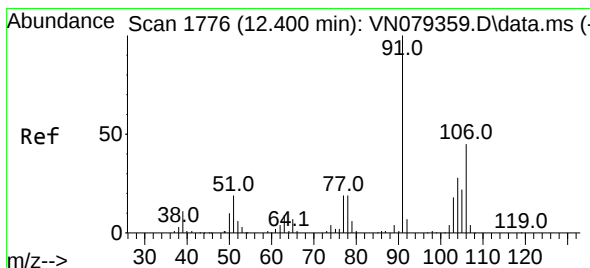
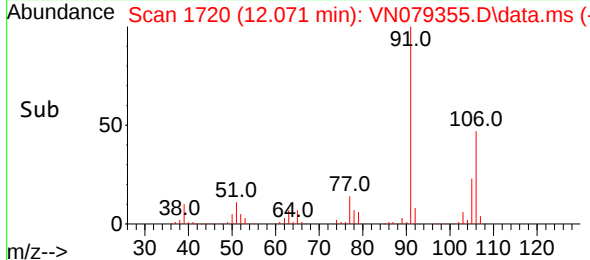
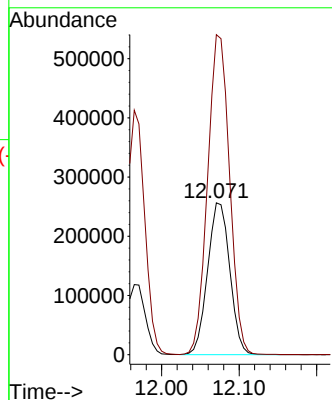
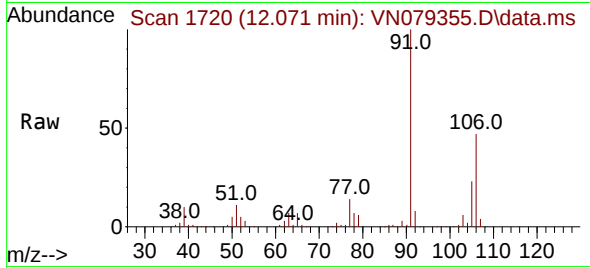
#67
m/p-Xylenes
Concen: 108.539 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 510252
Ion Ratio Lower Upper
106 100
91 208.7 161.8 242.6

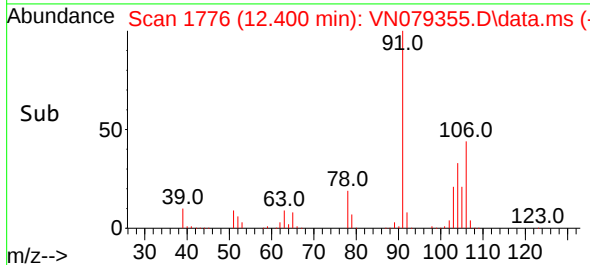
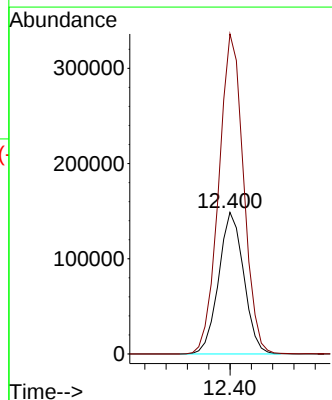
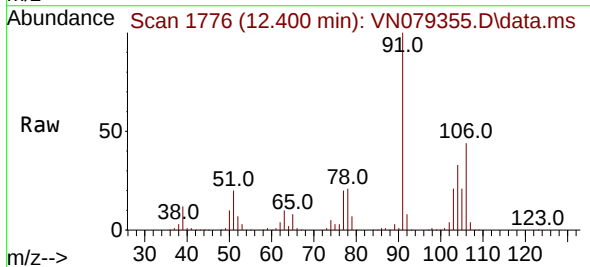
Manual Integrations
APPROVED

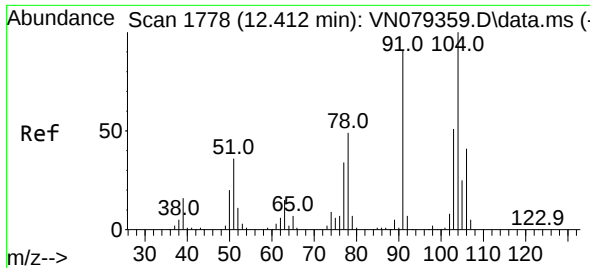
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#68
o-Xylene
Concen: 53.758 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion:106 Resp: 243206
Ion Ratio Lower Upper
106 100
91 223.3 109.9 329.7





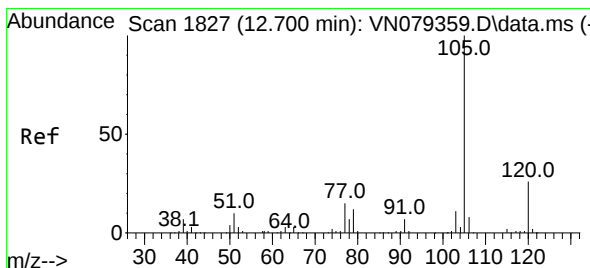
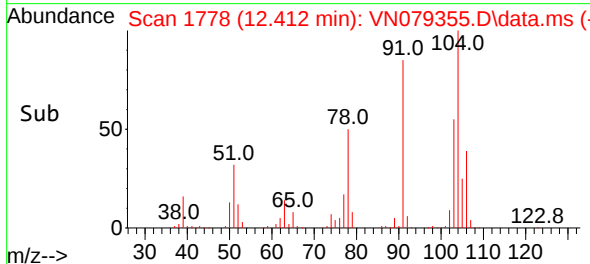
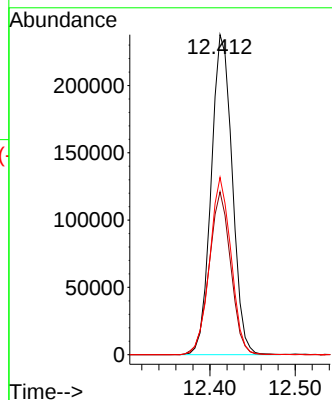
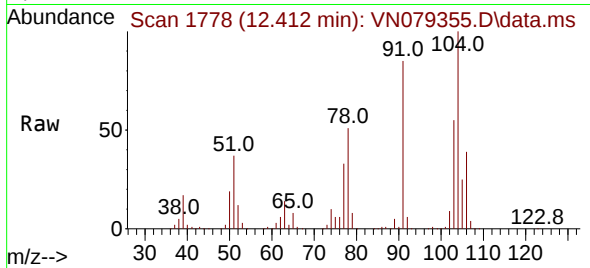
#69
Styrene
Concen: 57.232 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:104 Resp: 40786
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 56.2 43.1 64.7

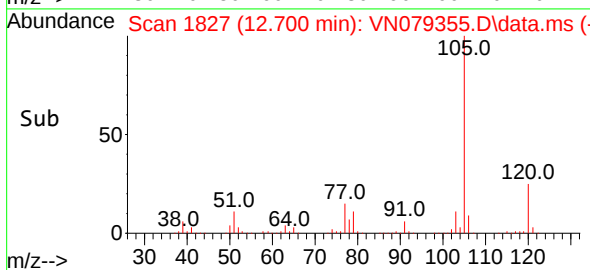
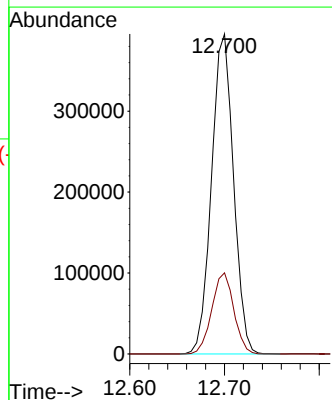
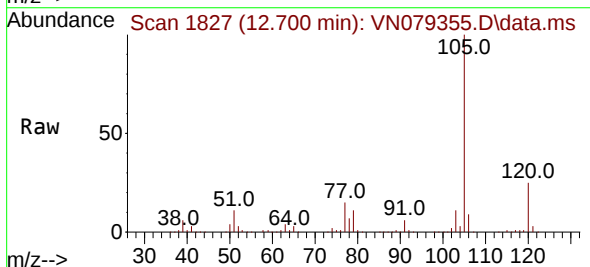
Manual Integrations
APPROVED

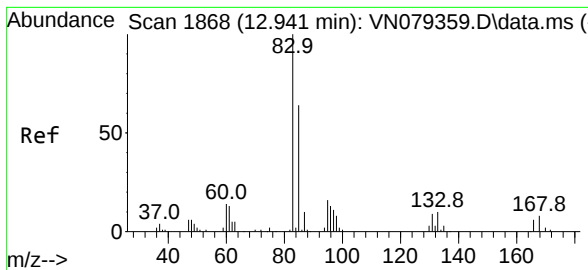
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#70
Isopropylbenzene
Concen: 55.384 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

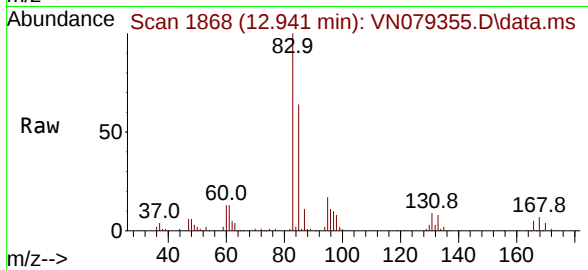
Tgt Ion:105 Resp: 637443
Ion Ratio Lower Upper
105 100
120 25.4 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 49.034 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

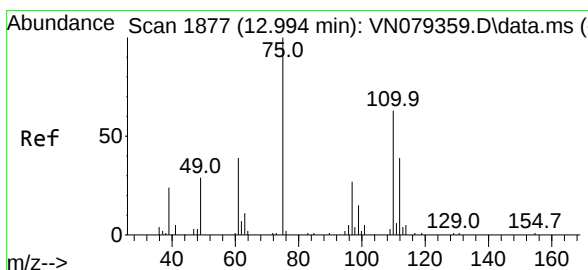
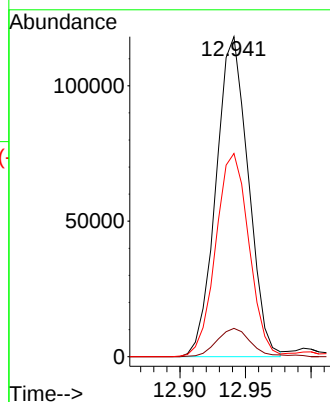
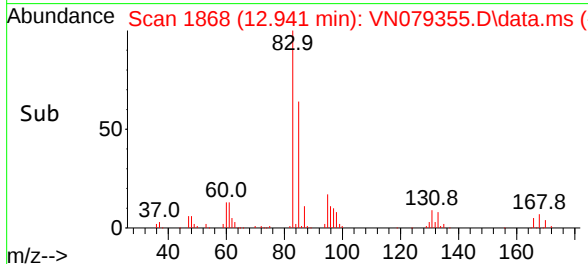
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



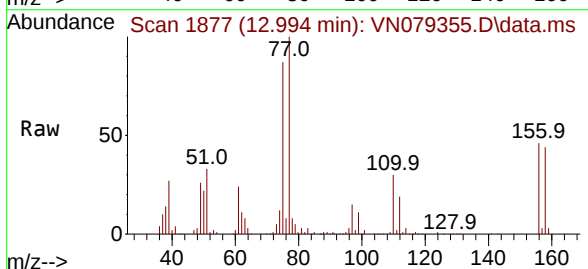
Tgt Ion: 83 Resp: 20219
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.4
85 65.1 32.1 96.3

Manual Integrations
APPROVED

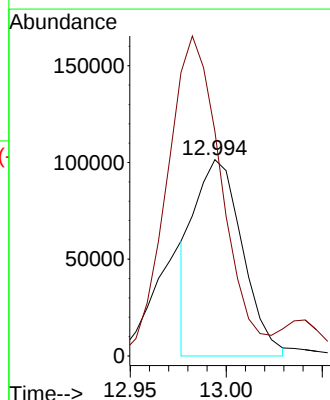
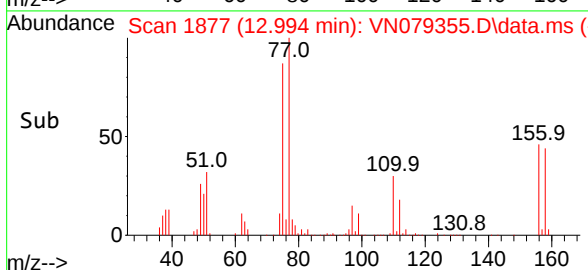
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

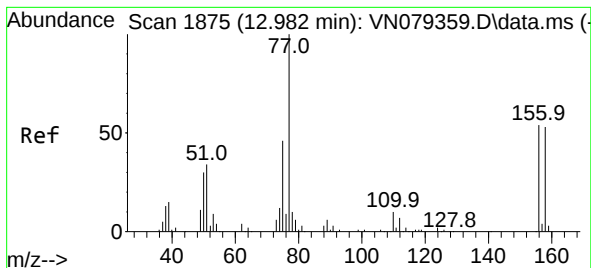


#72
1,2,3-Trichloropropane
Concen: 42.121 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48



Tgt Ion: 75 Resp: 176760
Ion Ratio Lower Upper
75 100
77 186.1 0.0 338.2





#73

Bromobenzene

Concen: 53.877 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079355.D

Acq: 27 Sep 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

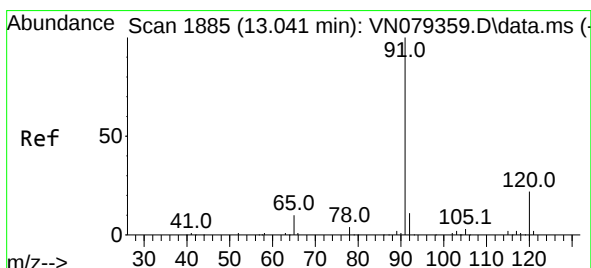
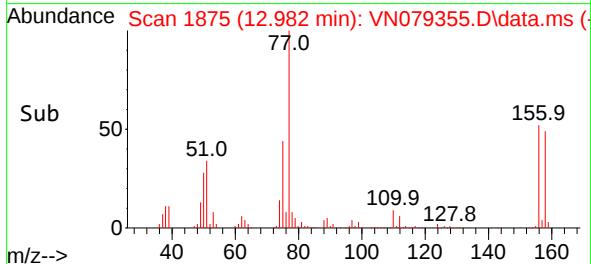
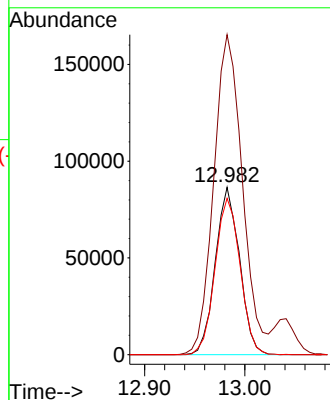
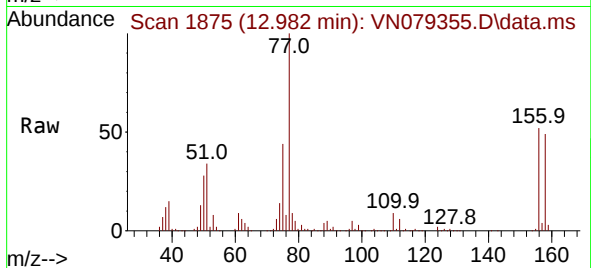
Tgt Ion:	156	Resp:	145180
Ion Ratio	Lower	Upper	
156	100		
77	226.6	0.0	448.2
158	96.7	0.0	194.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#74

n-propylbenzene

Concen: 56.620 ug/l

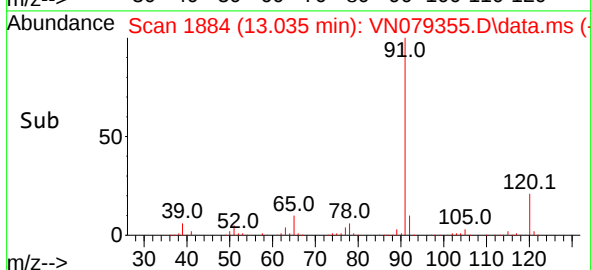
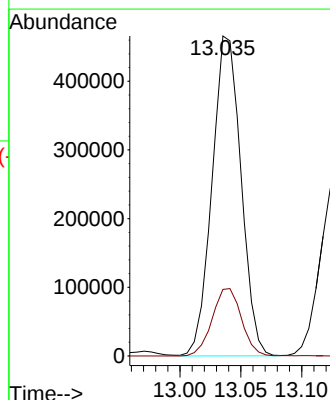
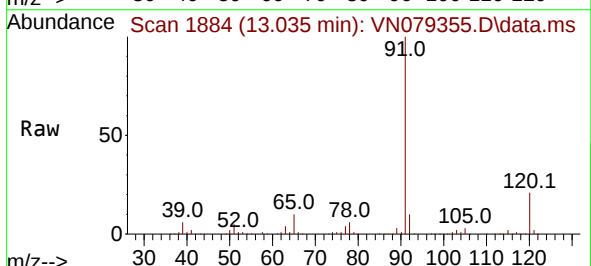
RT: 13.035 min Scan# 1884

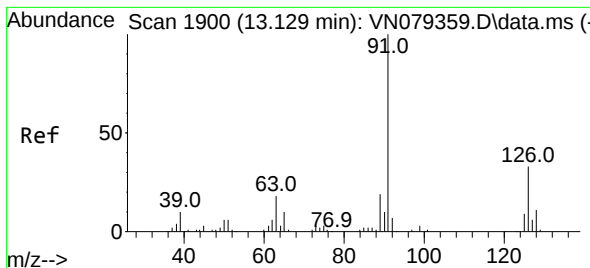
Delta R.T. -0.006 min

Lab File: VN079355.D

Acq: 27 Sep 2023 09:48

Tgt Ion:	91	Resp:	771437
Ion Ratio	Lower	Upper	
91	100		
120	21.3	0.0	42.0





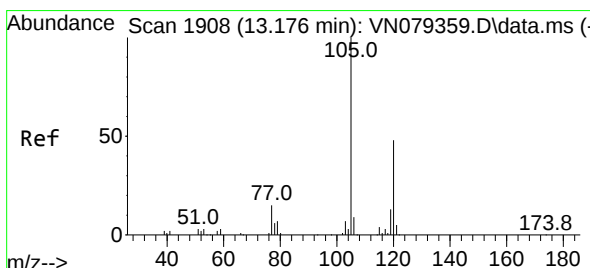
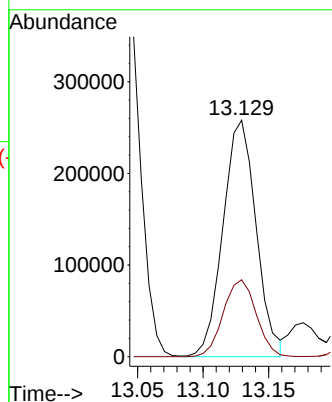
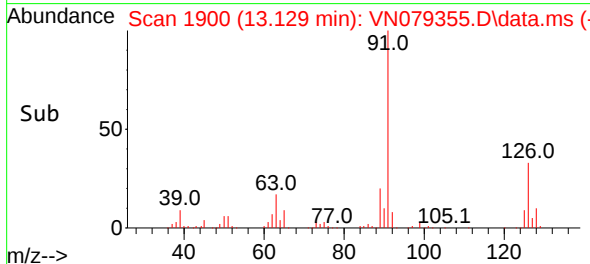
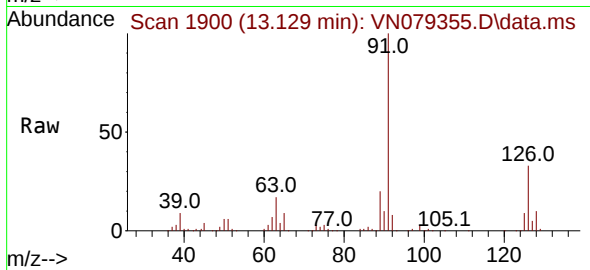
#75
2-Chlorotoluene
Concen: 54.504 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 453452
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.6

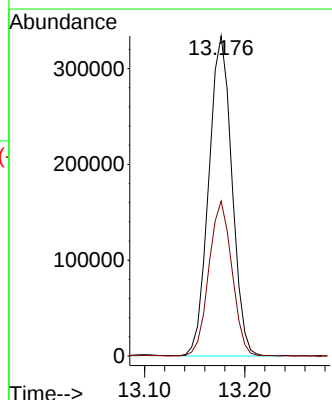
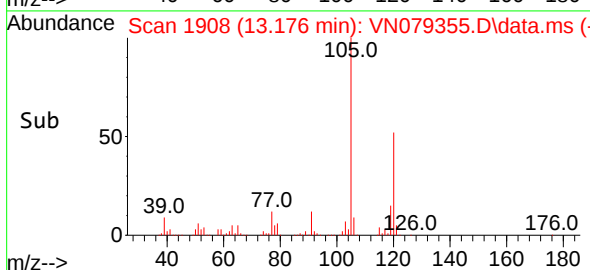
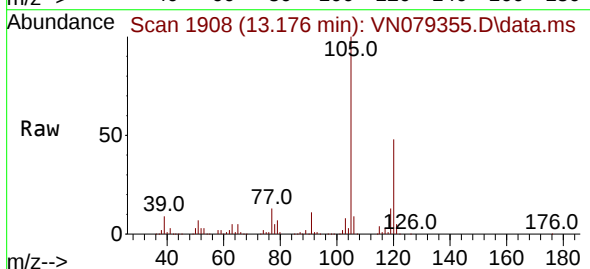
Manual Integrations
APPROVED

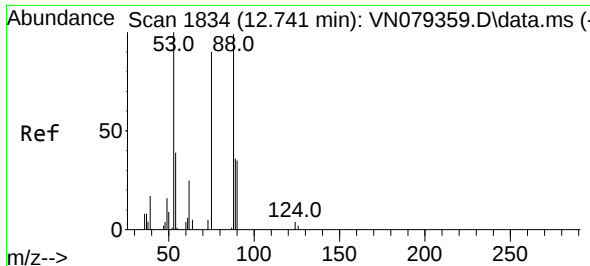
Reviewed By :John Carbone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#76
1,3,5-Trimethylbenzene
Concen: 56.141 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

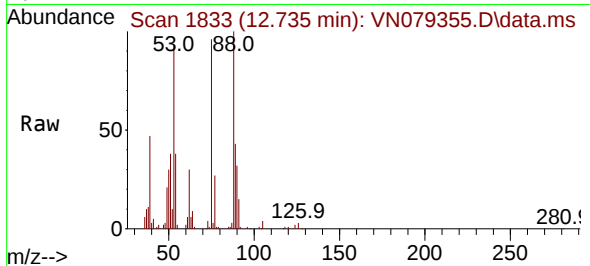
Tgt Ion:105 Resp: 536998
Ion Ratio Lower Upper
105 100
120 48.1 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 56.178 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

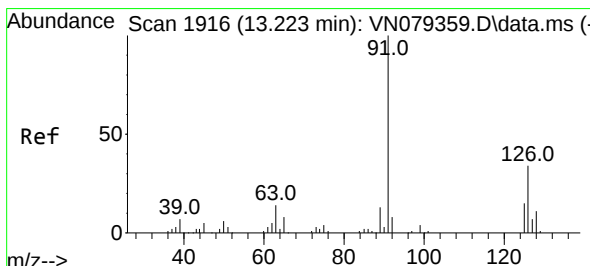
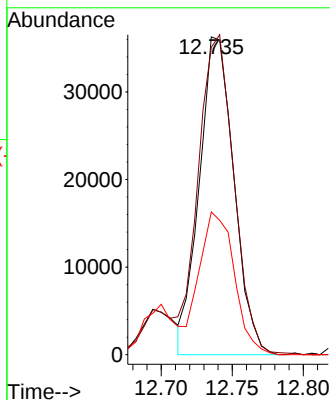
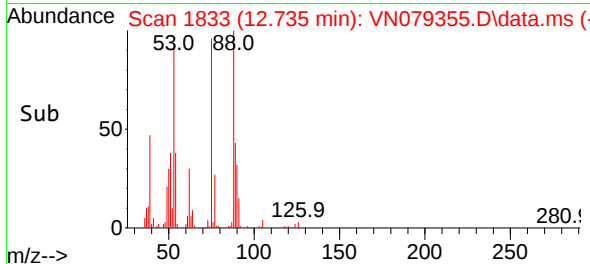
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 61395
Ion Ratio Lower Upper
75 100
53 96.0 53.0 159.1
89 44.9 22.6 67.7

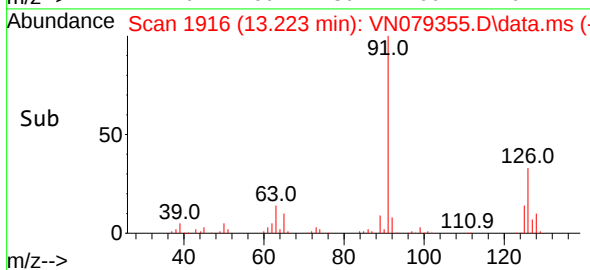
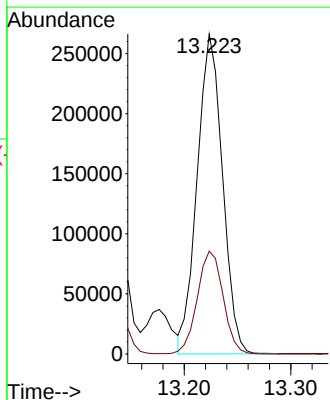
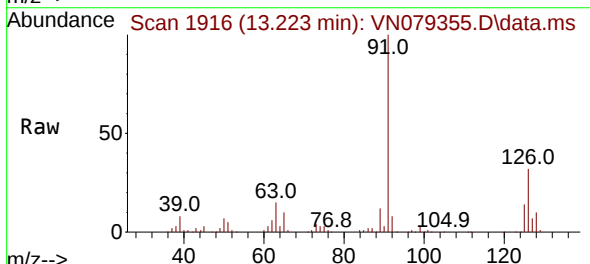
Manual Integrations
APPROVED

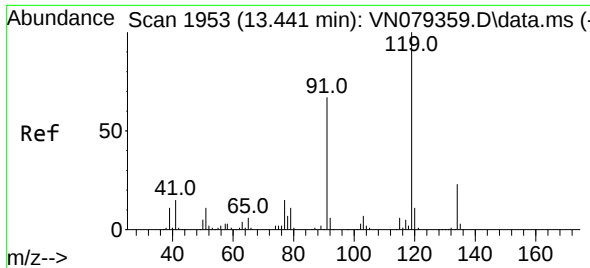
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#78
4-Chlorotoluene
Concen: 56.909 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion: 91 Resp: 439936
Ion Ratio Lower Upper
91 100
126 32.8 0.0 65.4





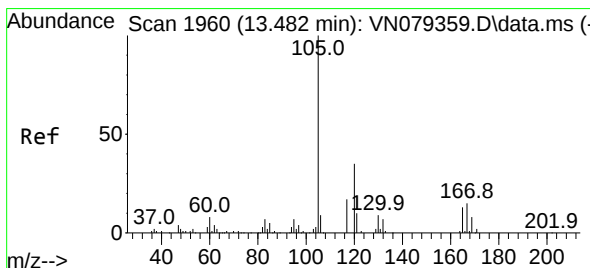
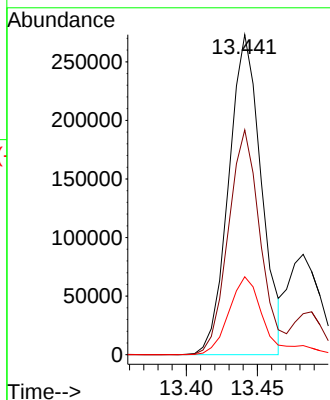
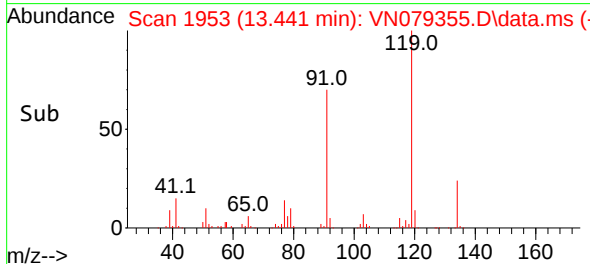
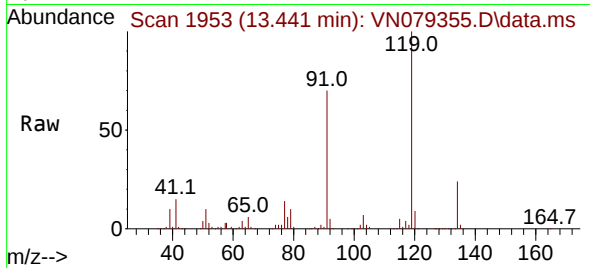
#79
tert-butylbenzene
Concen: 55.065 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:119 Resp: 43637
Ion Ratio Lower Upper
119 100
91 69.4 0.0 140.6
134 25.0 0.0 49.8

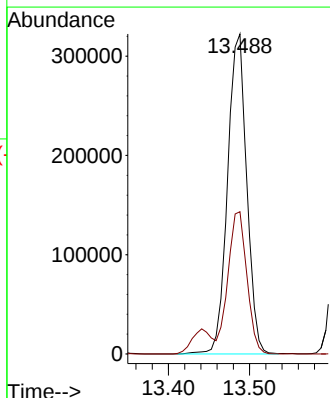
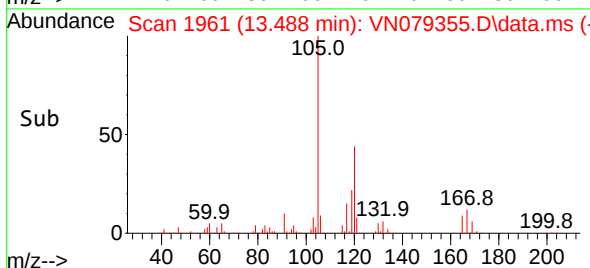
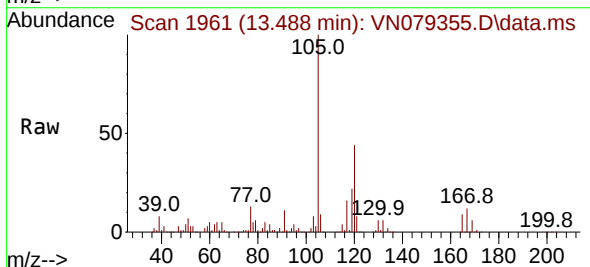
Manual Integrations
APPROVED

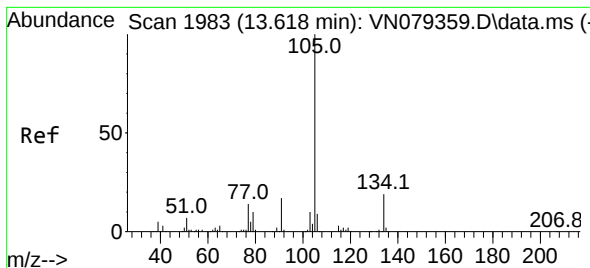
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#80
1,2,4-Trimethylbenzene
Concen: 56.418 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

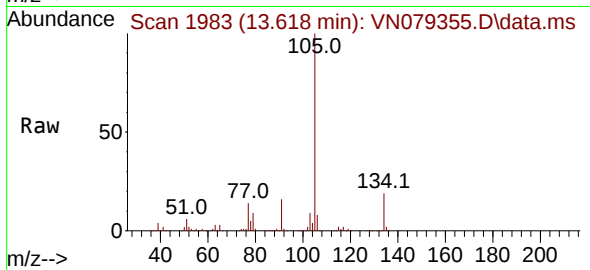
Tgt Ion:105 Resp: 527921
Ion Ratio Lower Upper
105 100
120 43.7 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 55.755 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN079355.D
 Acq: 27 Sep 2023 09:48

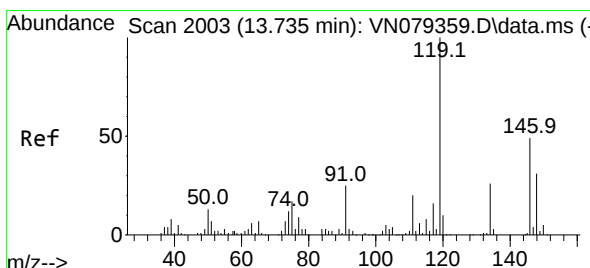
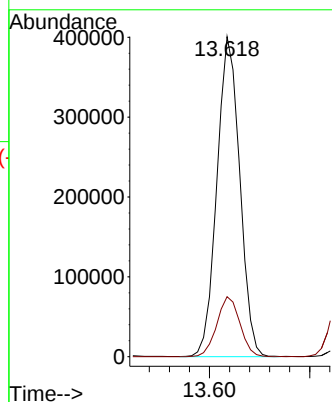
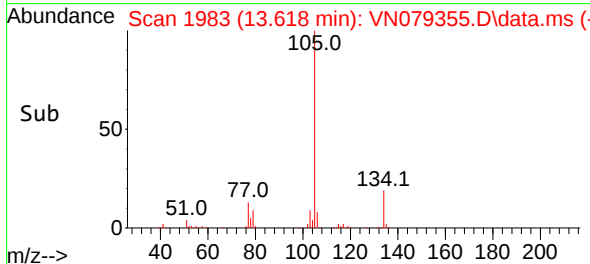
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



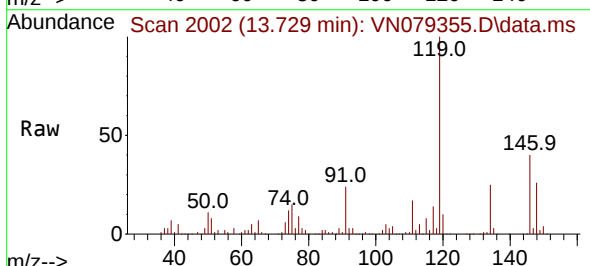
Tgt Ion:105 Resp: 633902
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.2

Manual Integrations
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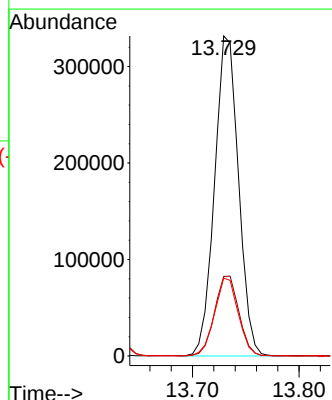
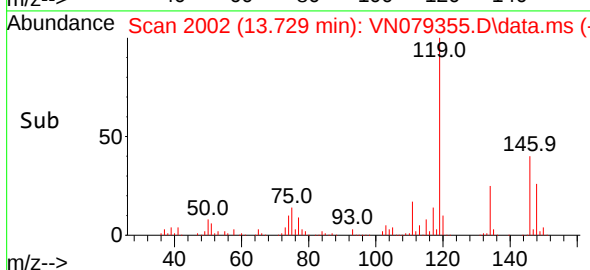
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023

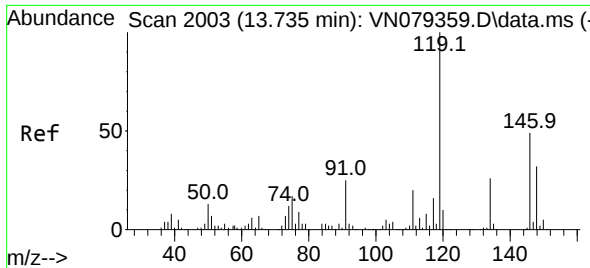


#82
 p-Isopropyltoluene
 Concen: 57.385 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079355.D
 Acq: 27 Sep 2023 09:48



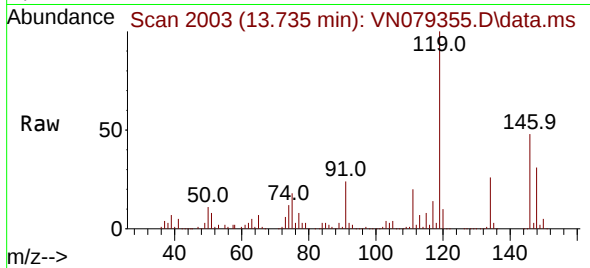
Tgt Ion:119 Resp: 517239
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 52.2
 91 24.2 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 56.859 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

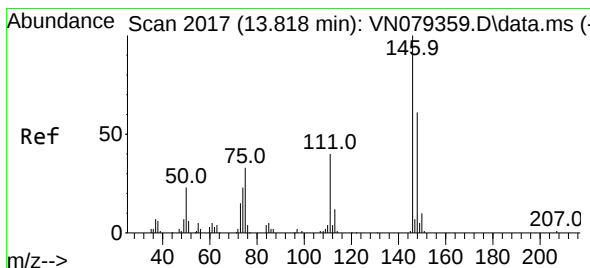
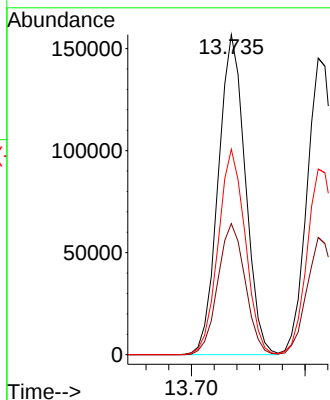
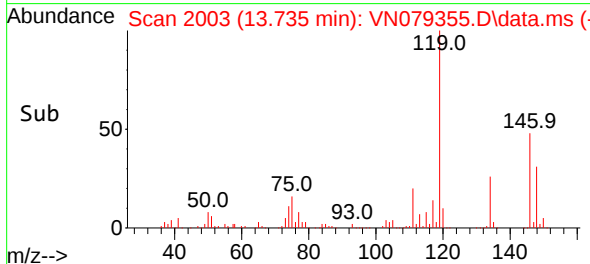
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



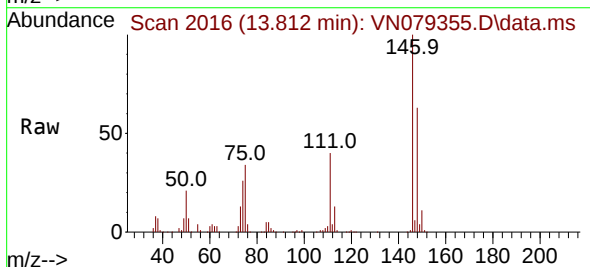
Tgt Ion:146 Resp: 259110
Ion Ratio Lower Upper
146 100
111 41.5 21.0 63.0
148 64.4 32.4 97.0

Manual Integrations
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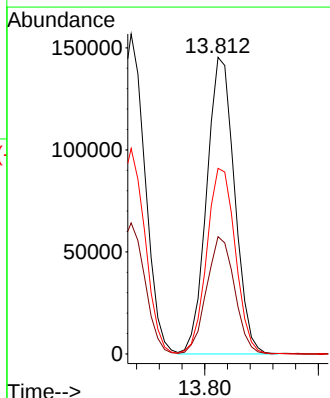
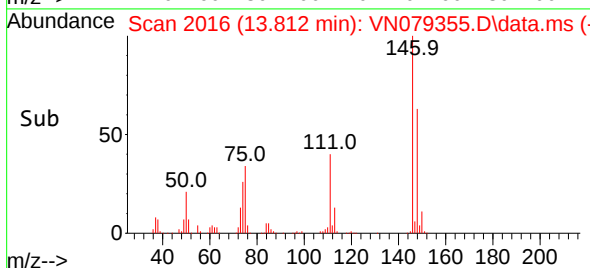
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

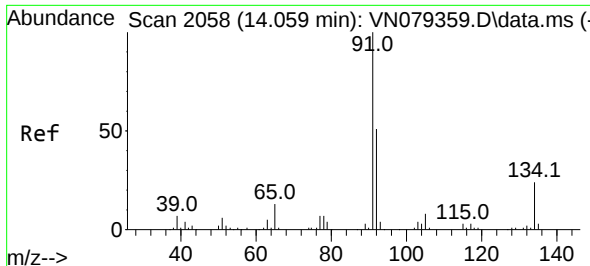


#84
1,4-Dichlorobenzene
Concen: 58.104 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48



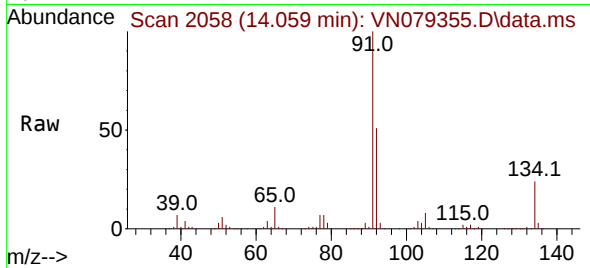
Tgt Ion:146 Resp: 248171
Ion Ratio Lower Upper
146 100
111 39.7 19.9 59.7
148 64.0 32.6 97.7





#85
n-Butylbenzene
Concen: 62.425 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

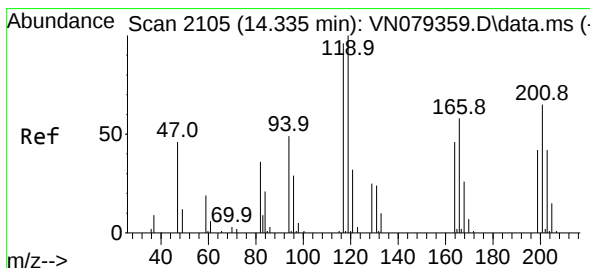
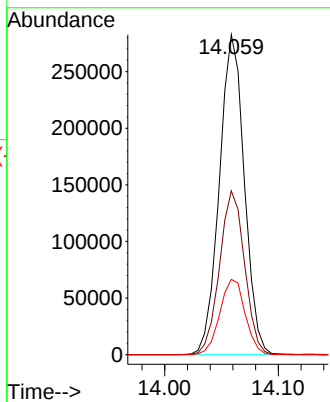
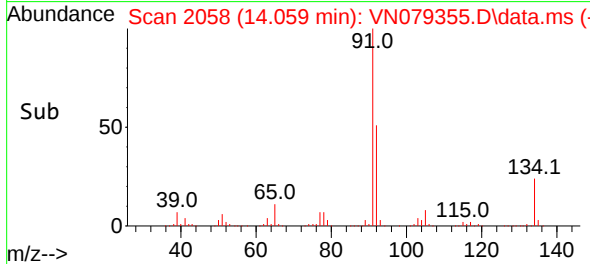
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 91 Resp: 431400
Ion Ratio Lower Upper
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92 51.4 0.0 99.6
134 23.9 0.0 46.2

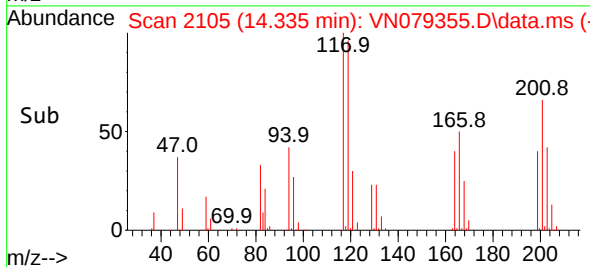
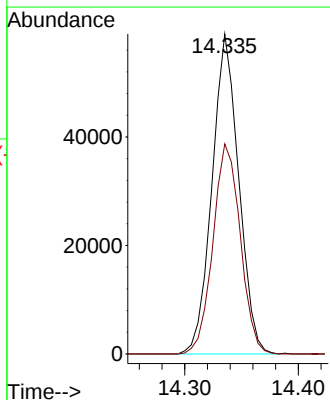
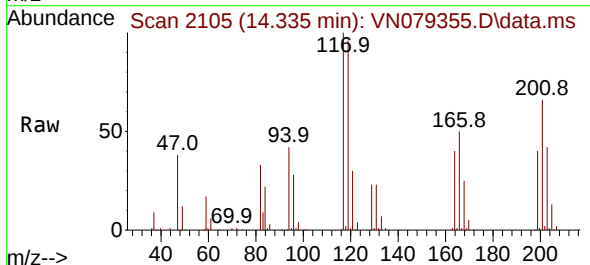
Manual Integrations
APPROVED

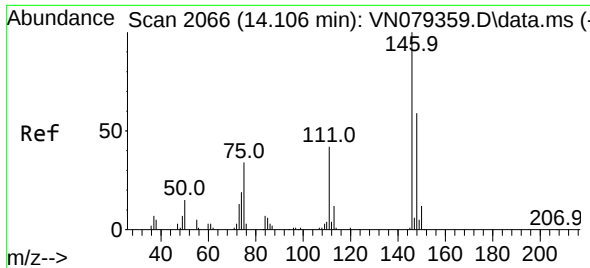
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#86
Hexachloroethane
Concen: 51.526 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

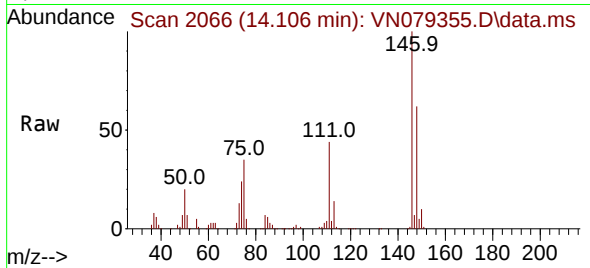
Tgt Ion:117 Resp: 96222
Ion Ratio Lower Upper
117 100
201 67.2 32.5 97.5





#87
1,2-Dichlorobenzene
Concen: 55.450 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

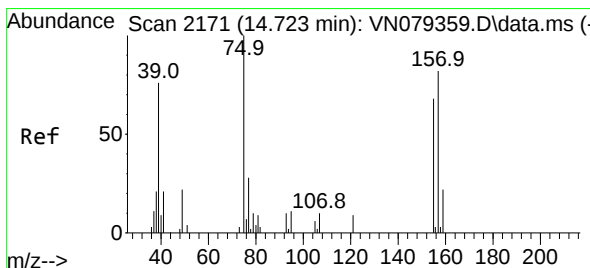
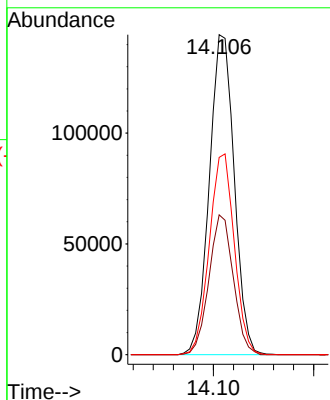
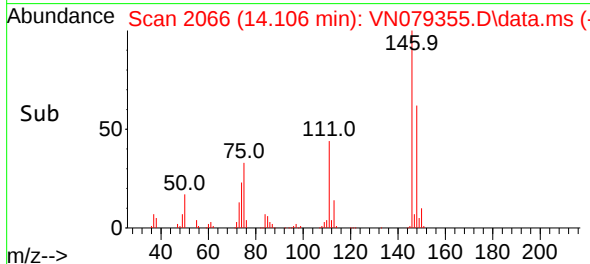
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:146 Resp: 249584
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 62.9 31.1 93.5

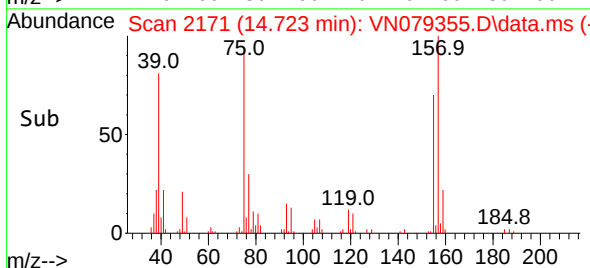
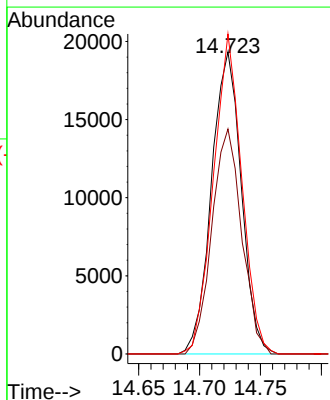
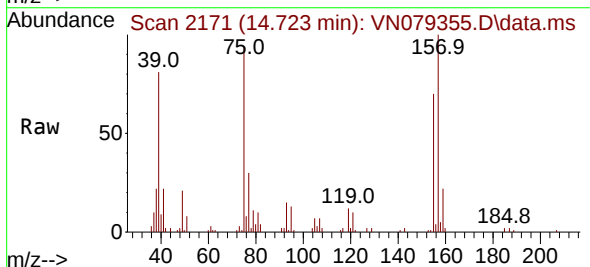
Manual Integrations
APPROVED

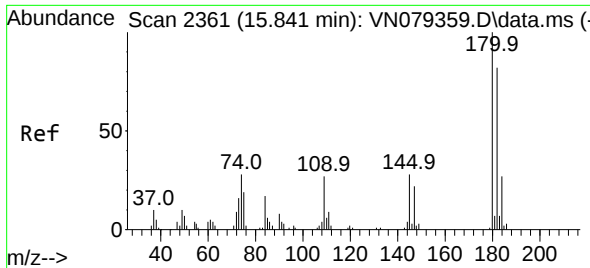
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 51.731 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

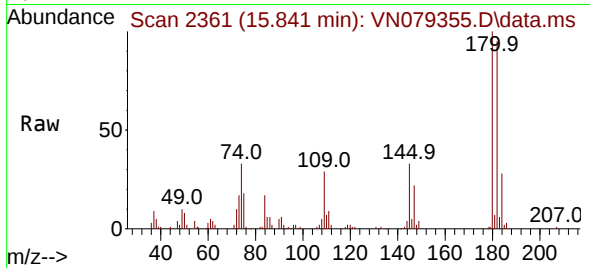
Tgt Ion: 75 Resp: 32910
Ion Ratio Lower Upper
75 100
155 74.8 60.7 91.1
157 100.8 76.8 115.2





#89
1,2,4-Trichlorobenzene
Concen: 66.840 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

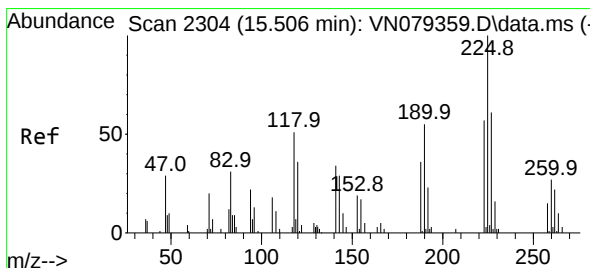
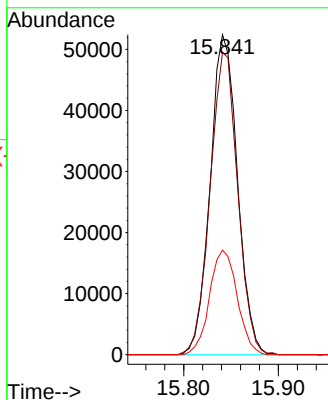
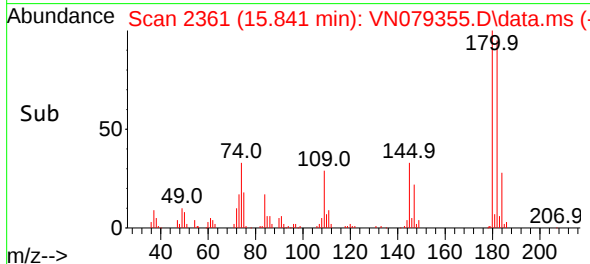
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:180 Resp: 105050
Ion Ratio Lower Upper
180 100
182 95.3 74.2 111.4
145 33.1 25.4 38.2

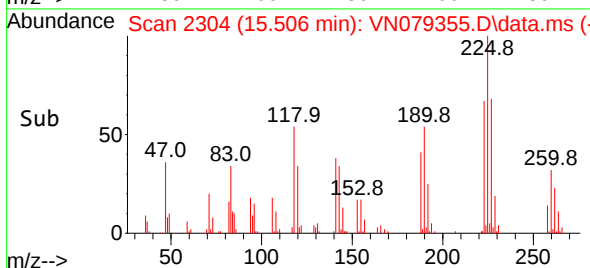
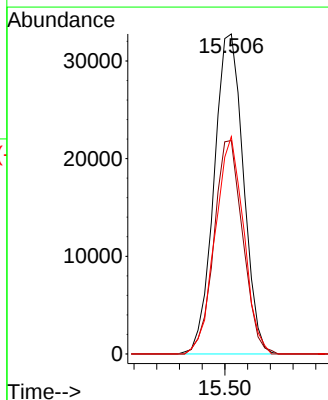
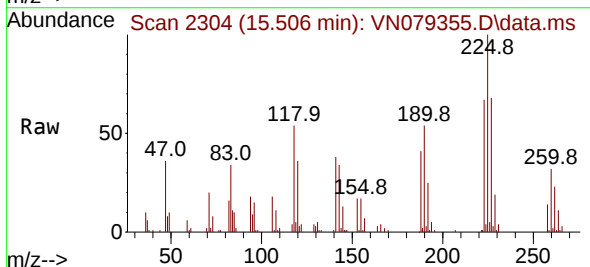
Manual Integrations
APPROVED

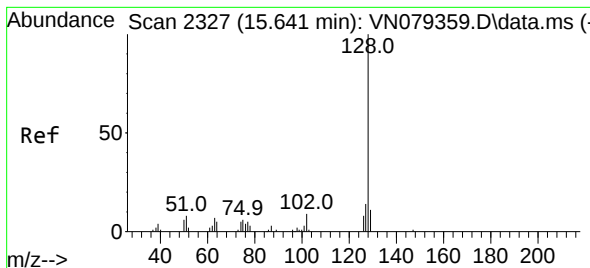
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#90
Hexachlorobutadiene
Concen: 49.038 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

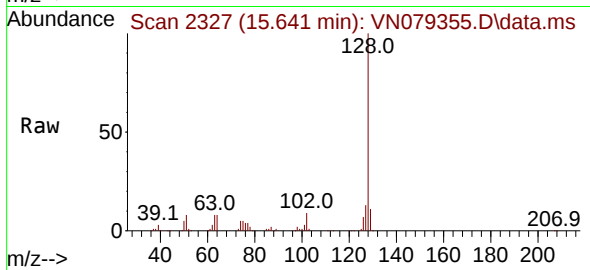
Tgt Ion:225 Resp: 58747
Ion Ratio Lower Upper
225 100
223 65.6 0.0 126.0
227 66.1 0.0 127.0





#91
Naphthalene
Concen: 71.798 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

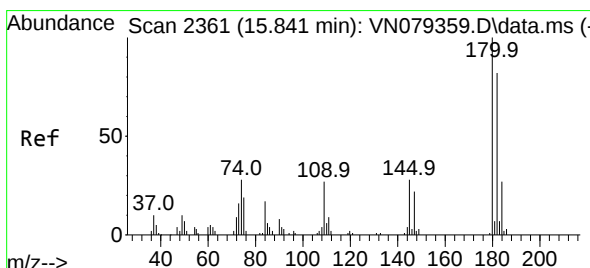
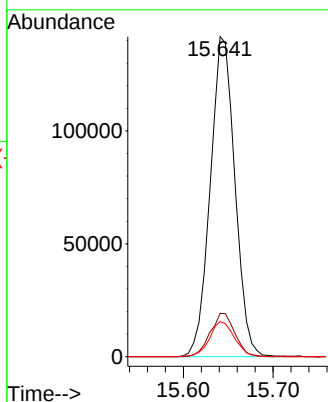
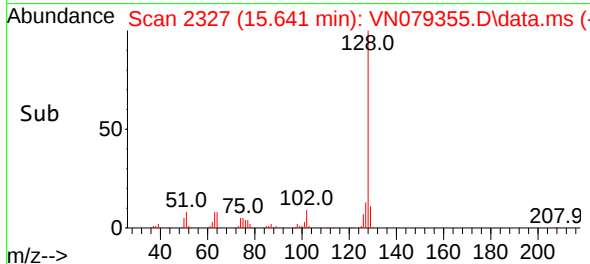
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:128 Resp: 270597
Ion Ratio Lower Upper
128 100
127 13.6 10.9 16.3
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#92
1,2,3-Trichlorobenzene
Concen: 63.210 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN079355.D
Acq: 27 Sep 2023 09:48

Tgt Ion:180 Resp: 105050
Ion Ratio Lower Upper
180 100
182 95.3 0.0 185.6
145 33.1 0.0 63.6

