

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102323\
 Data File : VN079635.D
 Acq On : 23 Oct 2023 09:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 23 23:44:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/24/2023
 Supervised By : Semsettin Yesilyurt 10/24/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	265098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	449732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	412239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	211645	49.239	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.480%		
35) Dibromofluoromethane	8.171	113	169793	52.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.080%		
50) Toluene-d8	10.571	98	623869	53.349	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.700%		
62) 4-Bromofluorobenzene	12.847	95	204202	54.412	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	157110	41.359	ug/l	99
3) Chloromethane	2.365	50	191267	40.353	ug/l	99
4) Vinyl Chloride	2.518	62	210997	42.797	ug/l	96
5) Bromomethane	2.954	94	117931	39.957	ug/l	100
6) Chloroethane	3.124	64	141192	37.986	ug/l	98
7) Trichlorofluoromethane	3.501	101	265889	45.677	ug/l	100
8) Diethyl Ether	3.965	74	94434	45.505	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.377	101	152704	44.890	ug/l	100
10) Methyl Iodide	4.595	142	175078	59.311	ug/l	96
11) Tert butyl alcohol	5.524	59	111184	171.863	ug/l	98
12) 1,1-Dichloroethene	4.342	96	141690	45.237	ug/l	82
13) Acrolein	4.177	56	103265	160.307	ug/l	98
14) Allyl chloride	5.030	41	224400	44.396	ug/l #	90
15) Acrylonitrile	5.718	53	405993	216.463	ug/l	99
16) Acetone	4.424	43	484309	284.073	ug/l	92
17) Carbon Disulfide	4.718	76	398783	40.817	ug/l	99
18) Methyl Acetate	5.024	43	327909	39.297	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	485203	47.677	ug/l	94
20) Methylene Chloride	5.283	84	176386	47.212	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	162830	44.510	ug/l #	81
22) Diisopropyl ether	6.677	45	554213	48.898	ug/l #	91
23) Vinyl Acetate	6.606	43	1472460	230.959	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	325888	46.981	ug/l	97
25) 2-Butanone	7.489	43	591223	233.648	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	268482	50.646	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	190718	47.989	ug/l	86
28) Bromochloromethane	7.818	49	164819	49.939	ug/l #	73
29) Tetrahydrofuran	7.841	42	348493	212.947	ug/l #	75
30) Chloroform	7.965	83	331579	47.310	ug/l	93
31) Cyclohexane	8.259	56	259186	42.510	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	279477	47.384	ug/l	94
36) 1,1-Dichloropropene	8.371	75	244817	50.471	ug/l	95
37) Ethyl Acetate	7.565	43	219513	45.480	ug/l #	90
38) Carbon Tetrachloride	8.365	117	237857	48.982	ug/l	98
39) Methylcyclohexane	9.606	83	229124	49.165	ug/l #	85
40) Benzene	8.606	78	728217	50.551	ug/l	98

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Manual Integrations

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M

Quant Title : SW846 8260

QLast Update : Fri Oct 06 03:34:49 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	115395	45.476	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	257871	49.264	ug/l	99
43) Isopropyl Acetate	8.688	43	359428	42.506	ug/l #	91
44) Trichloroethene	9.353	130	169376	49.954	ug/l	98
45) 1,2-Dichloropropane	9.624	63	194794	51.321	ug/l	97
46) Dibromomethane	9.712	93	127923	52.038	ug/l	97
47) Bromodichloromethane	9.888	83	264926	52.391	ug/l	98
48) Methyl methacrylate	9.683	41	170726	47.116	ug/l #	84
49) 1,4-Dioxane	9.694	88	55269	828.070	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1124107	235.493	ug/l	89
52) Toluene	10.635	92	447989	52.831	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	269969	52.978	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	297781	53.381	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	175518	51.557	ug/l	95
56) Ethyl methacrylate	10.877	69	250810	53.615	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	311438	52.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	483395	269.826	ug/l	89
59) 2-Hexanone	11.200	43	845798	245.548	ug/l	88
60) Dibromochloromethane	11.359	129	184719	53.989	ug/l	99
61) 1,2-Dibromoethane	11.471	107	168785	49.959	ug/l	98
64) Tetrachloroethene	11.106	164	137729	48.567	ug/l	97
65) Chlorobenzene	11.894	112	453487	49.396	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	175898	52.328	ug/l	99
67) Ethyl Benzene	11.965	91	844632	52.932	ug/l	96
68) m/p-Xylenes	12.071	106	640459	110.464	ug/l	95
69) o-Xylene	12.400	106	300430	52.689	ug/l	90
70) Styrene	12.412	104	514032	57.074	ug/l	98
71) Bromoform	12.582	173	123349	50.138	ug/l #	99
73) Isopropylbenzene	12.700	105	780571	45.280	ug/l	99
74) N-amyl acetate	12.494	43	293859	41.581	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	249847	44.776	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	216147m	40.457	ug/l	
77) Bromobenzene	12.982	156	185539	43.895	ug/l	98
78) n-propylbenzene	13.035	91	935613	47.970	ug/l	98
79) 2-Chlorotoluene	13.129	91	560766	44.931	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	651243	47.908	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	73719	40.036	ug/l #	86
82) 4-Chlorotoluene	13.223	91	549727	46.288	ug/l	100
83) tert-Butylbenzene	13.441	119	522552	46.919	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	649518	50.067	ug/l	99
85) sec-Butylbenzene	13.618	105	734869	47.305	ug/l	100
86) p-Isopropyltoluene	13.729	119	614253	51.542	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	327807	48.896	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	314696	45.460	ug/l	99
89) n-Butylbenzene	14.059	91	496489	52.170	ug/l	98
90) Hexachloroethane	14.335	117	118915	49.132	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	310949	47.549	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37792	37.913	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	101877	50.300	ug/l	99
94) Hexachlorobutadiene	15.500	225	69737	44.209	ug/l	99
95) Naphthalene	15.641	128	250004	40.422	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	103717	42.912	ug/l	98

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VSTDCCC050

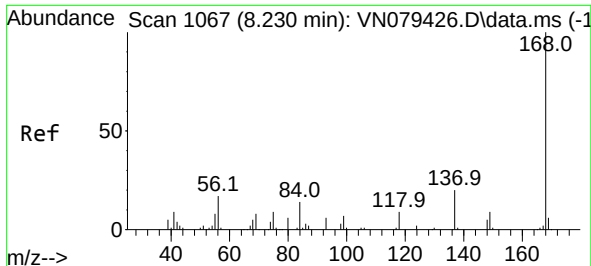
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 10/24/2023

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Response via : Initial Calibration

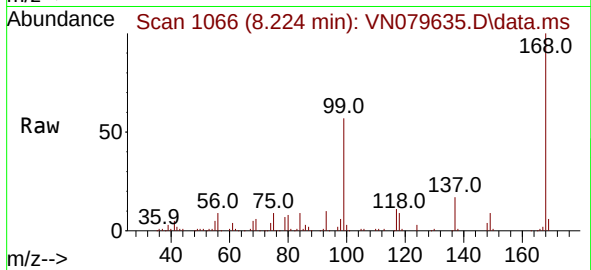
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.006 min
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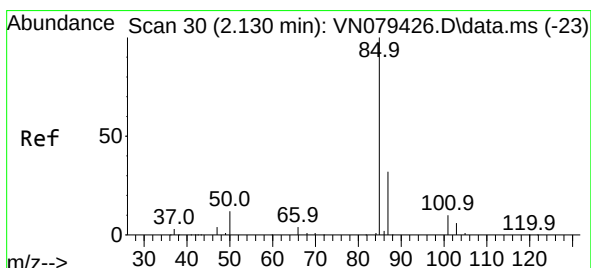
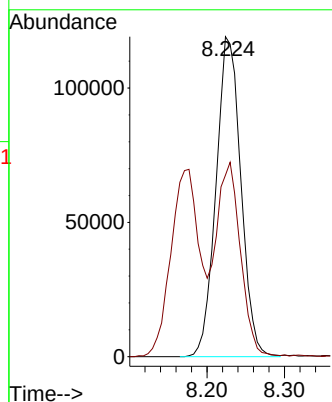
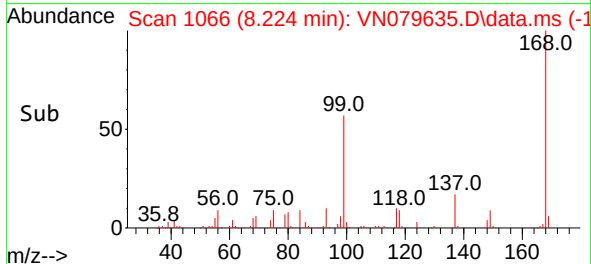
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 265098
Ion Ratio Lower Upper
168 100
99 56.4 53.0 79.6

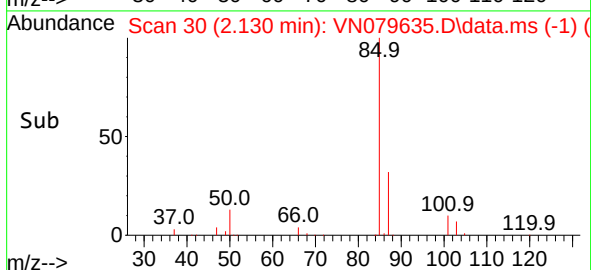
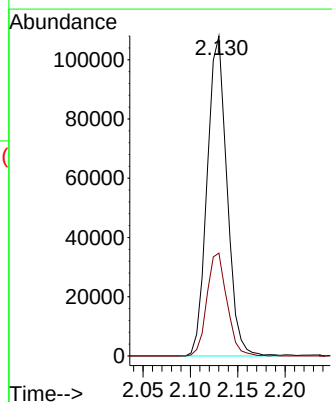
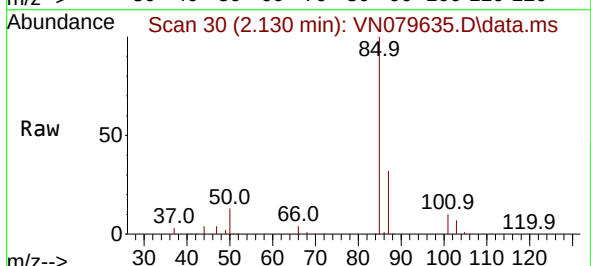
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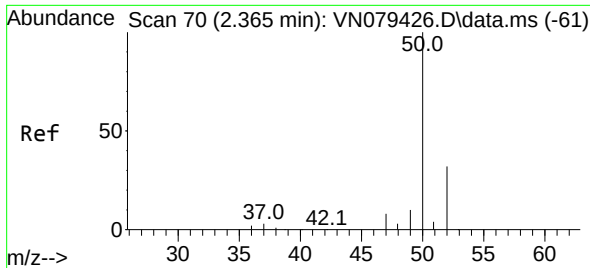
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#2
Dichlorodifluoromethane
Concen: 41.359 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Tgt Ion: 85 Resp: 157110
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





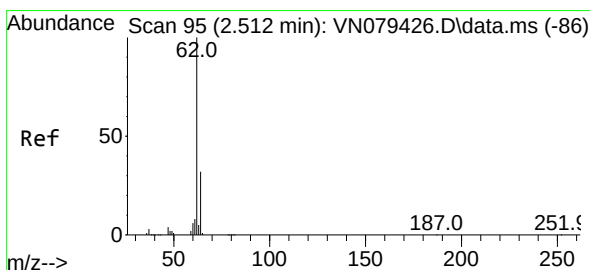
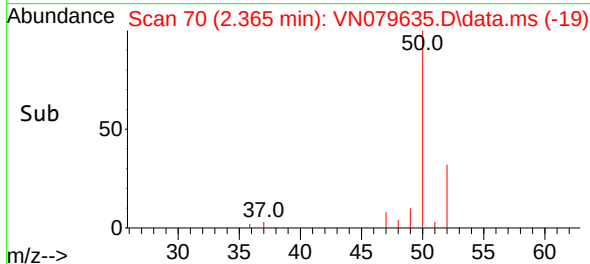
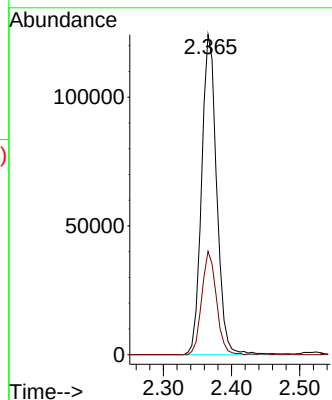
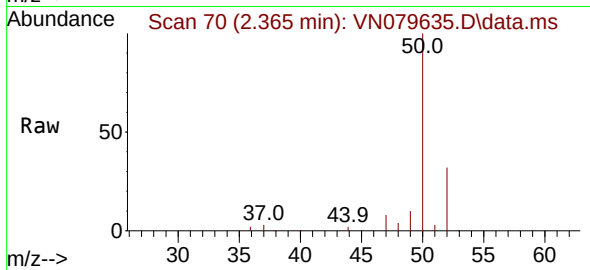
#3
Chloromethane
Concen: 40.353 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Instrument :
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Tgt Ion: 50 Resp: 19126
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

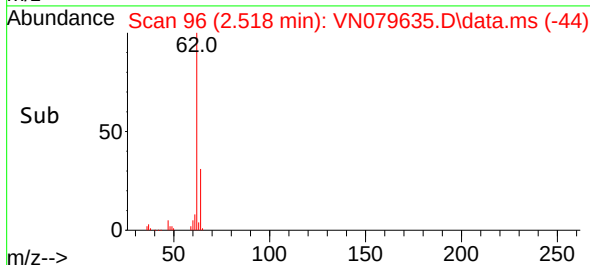
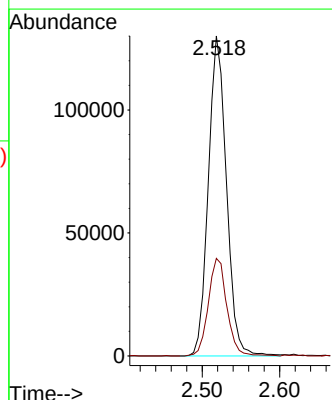
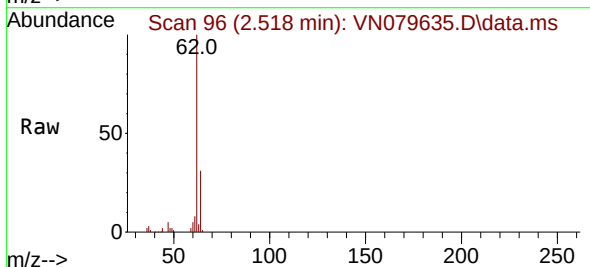
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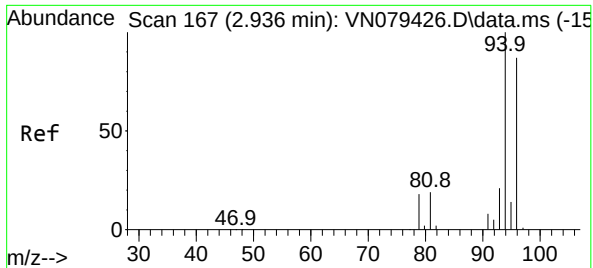
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#4
Vinyl Chloride
Concen: 42.797 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

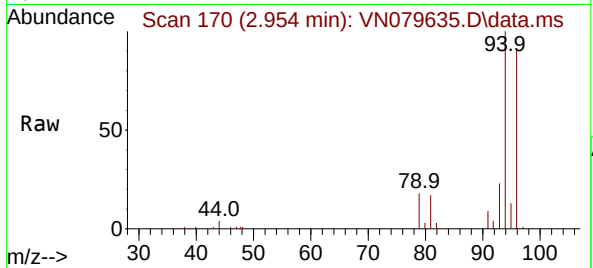
Tgt Ion: 62 Resp: 210997
Ion Ratio Lower Upper
62 100
64 30.5 26.2 39.2





#5
Bromomethane
Concen: 39.957 ug/l
RT: 2.954 min Scan# 11793
Delta R.T. 0.018 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

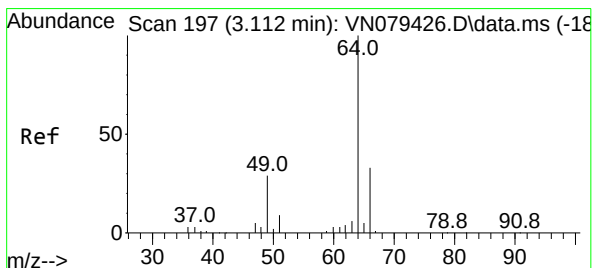
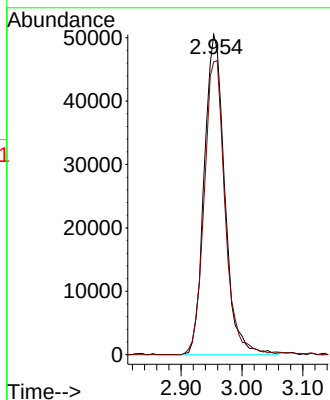
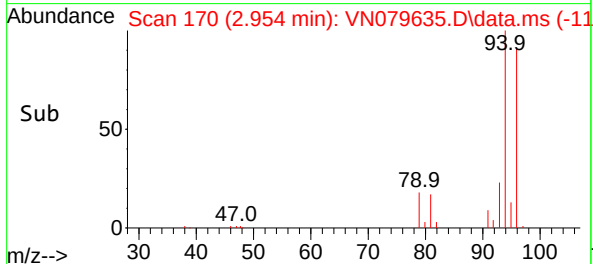
Instrument :
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Tgt Ion: 94 Resp: 11793
Ion Ratio Lower Upper
94 100
96 91.5 73.1 109.7

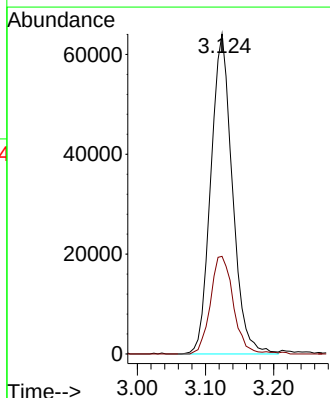
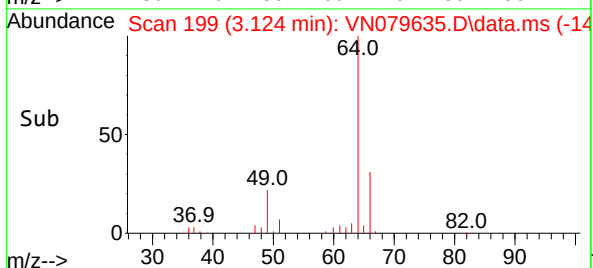
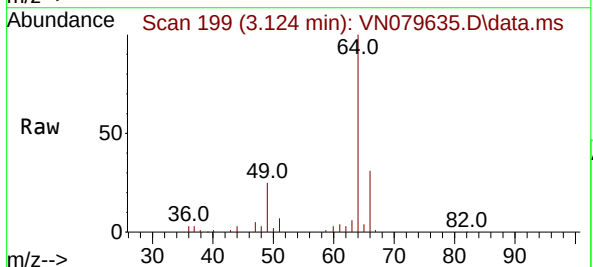
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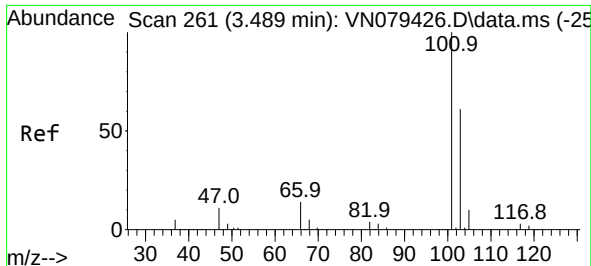
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#6
Chloroethane
Concen: 37.986 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Tgt Ion: 64 Resp: 141192
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2





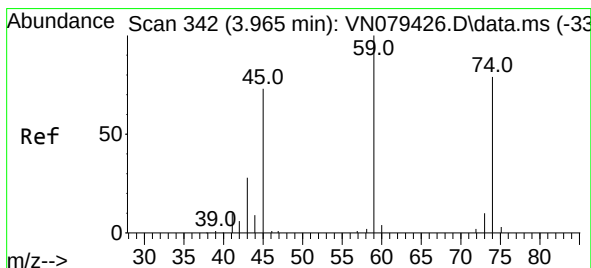
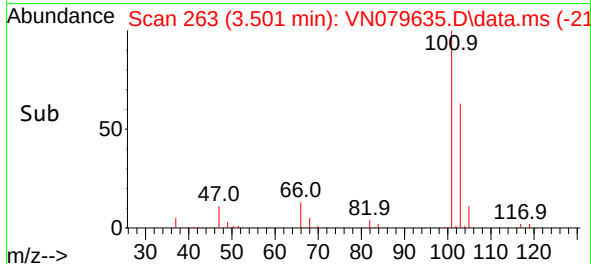
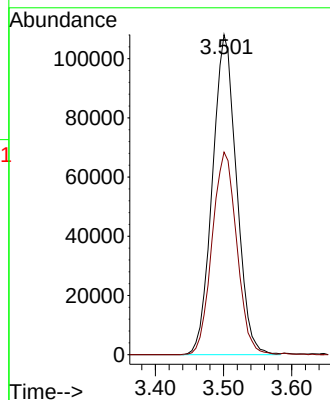
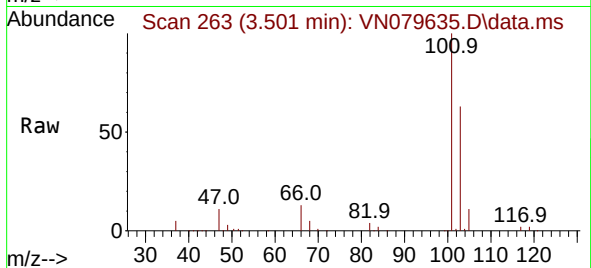
#7
Trichlorofluoromethane
Concen: 45.677 ug/l
RT: 3.501 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 265889
Ion Ratio Lower Upper
101 100
103 63.3 50.7 76.1

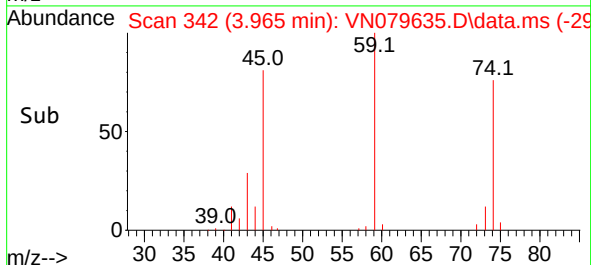
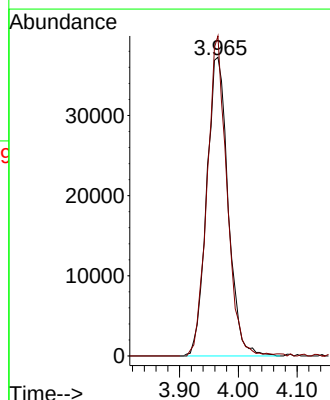
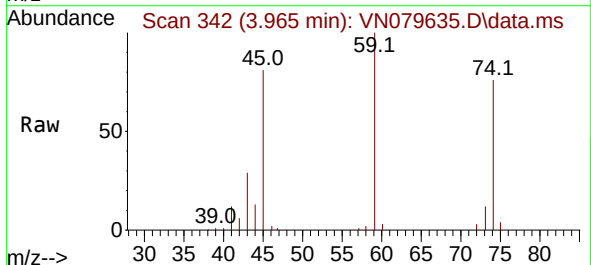
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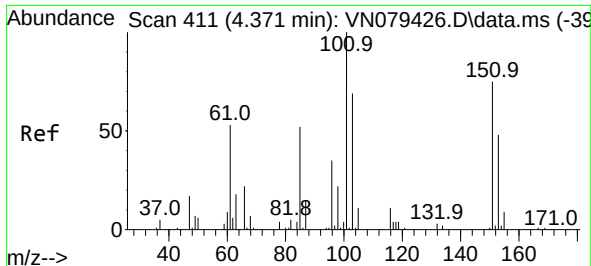
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#8
Diethyl Ether
Concen: 45.505 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Tgt Ion: 74 Resp: 94434
Ion Ratio Lower Upper
74 100
45 98.8 34.4 103.3





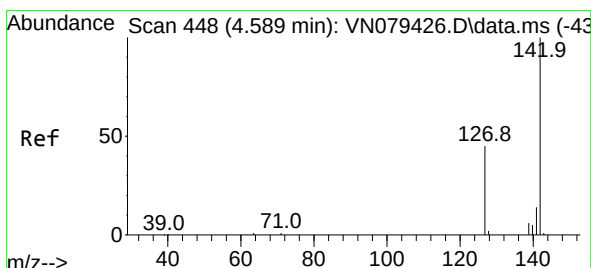
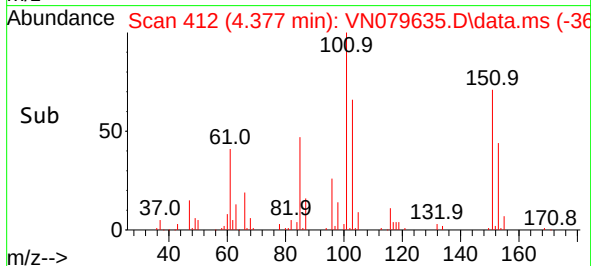
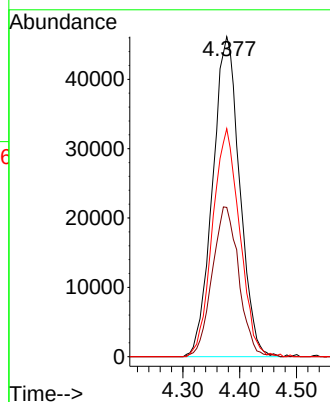
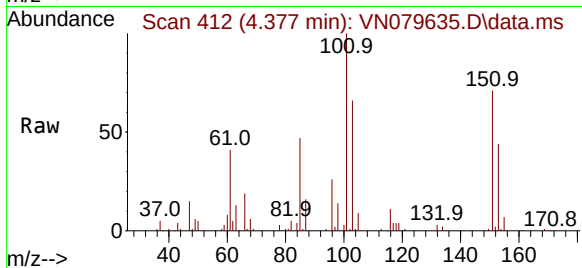
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.890 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 152704
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 71.7 57.6 86.4

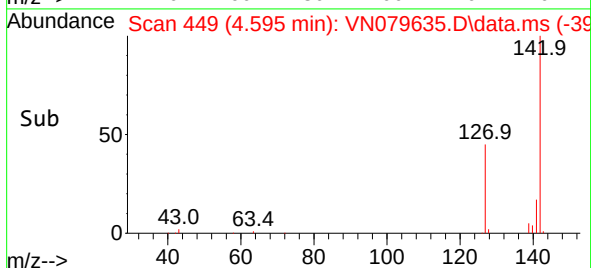
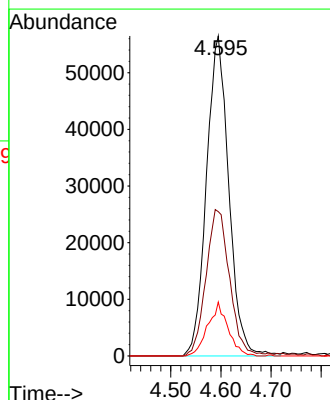
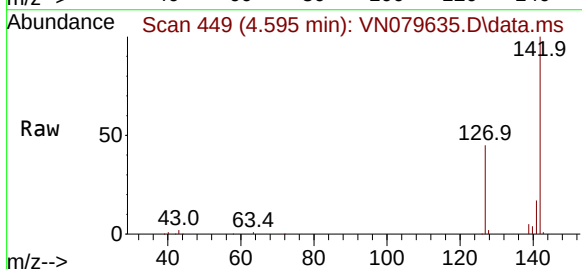
Manual Integrations
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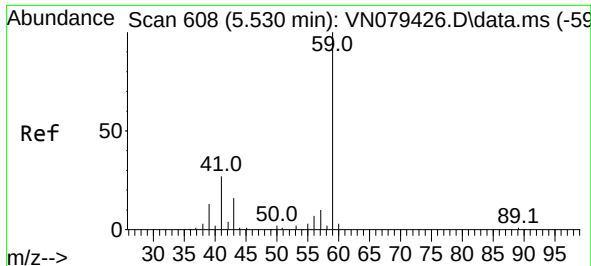
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#10
Methyl Iodide
Concen: 59.311 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Tgt Ion:142 Resp: 175078
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 16.8 11.4 17.0





#11

Tert butyl alcohol

Concen: 171.863 ug/l

RT: 5.524 min Scan# 608

Delta R.T. -0.006 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 111184

Ion Ratio Lower Upper

59 100

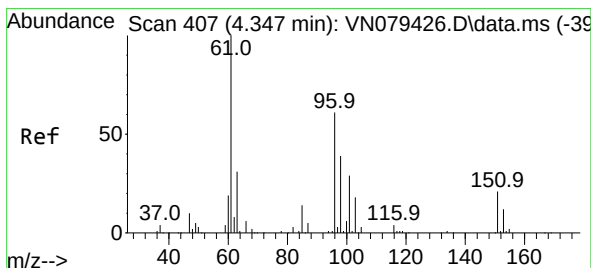
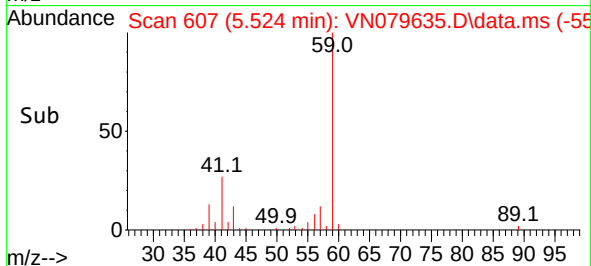
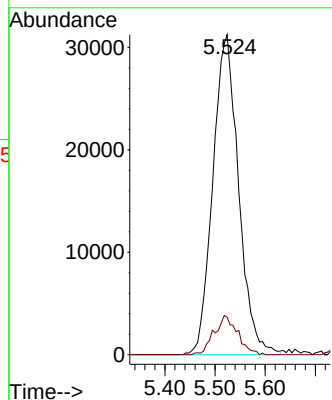
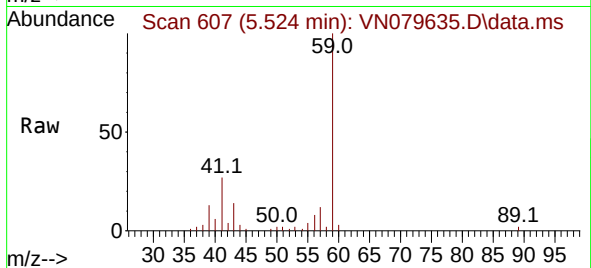
57 11.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#12

1,1-Dichloroethene

Concen: 45.237 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.006 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

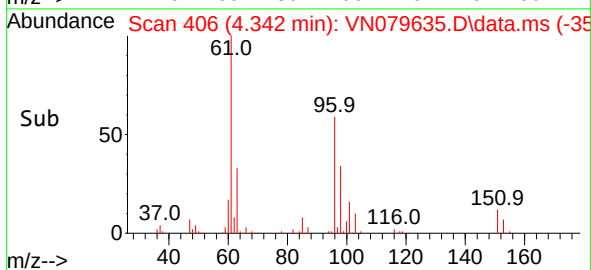
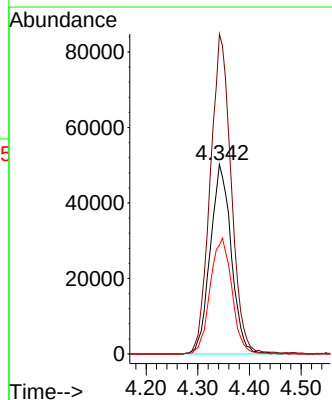
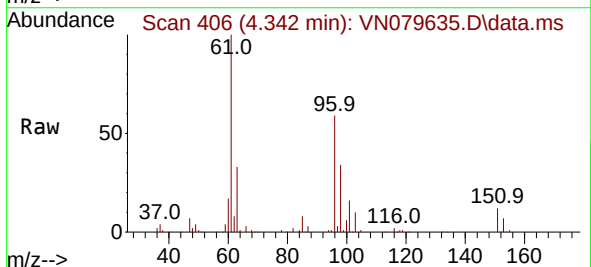
Tgt Ion: 96 Resp: 141690

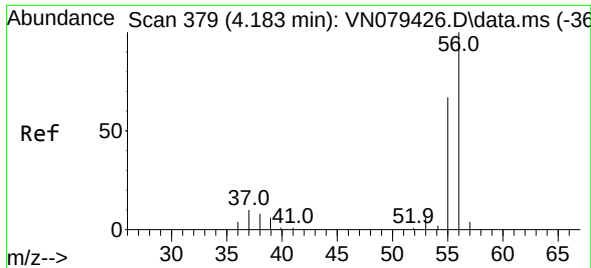
Ion Ratio Lower Upper

96 100

61 168.8 112.7 169.1

98 57.3 51.2 76.8





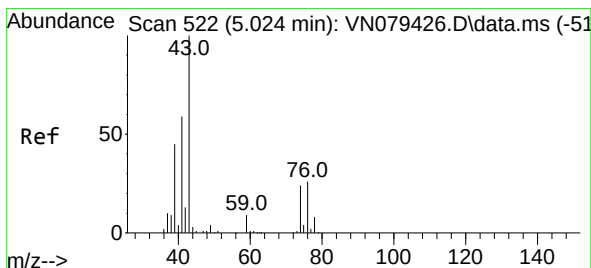
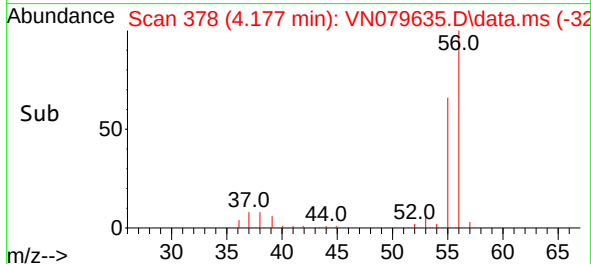
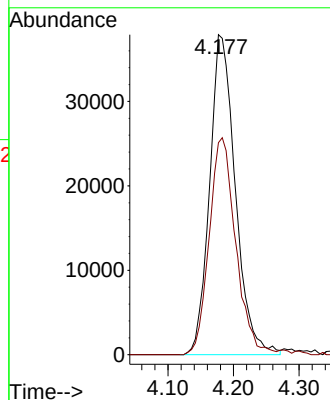
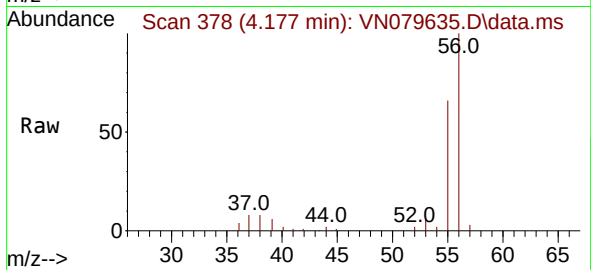
#13
Acrolein
Concen: 160.307 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 10326
Ion Ratio Lower Upper
56 100
55 69.8 54.5 81.7

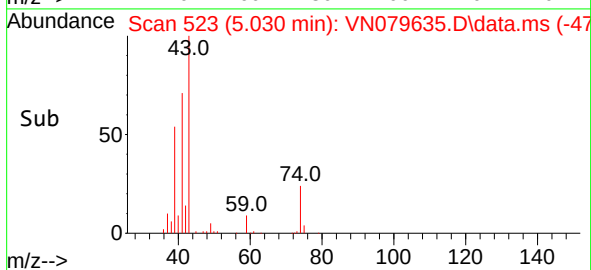
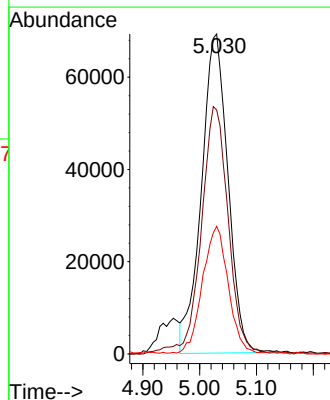
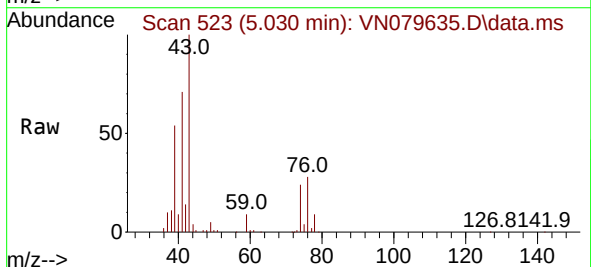
Manual Integrations
APPROVED

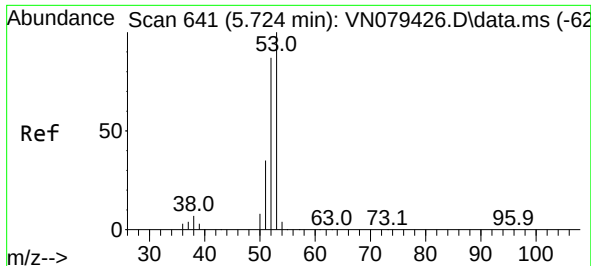
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#14
Allyl chloride
Concen: 44.396 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

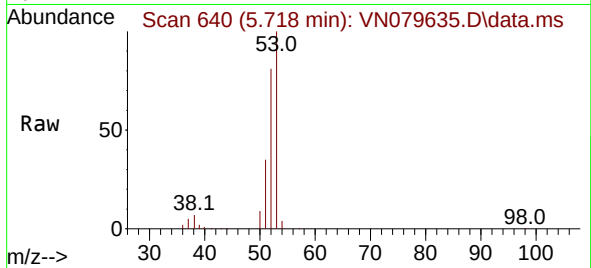
Tgt Ion: 41 Resp: 224400
Ion Ratio Lower Upper
41 100
39 78.7 58.8 88.2
76 38.2 39.1 58.7#





#15
Acrylonitrile
Concen: 216.463 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

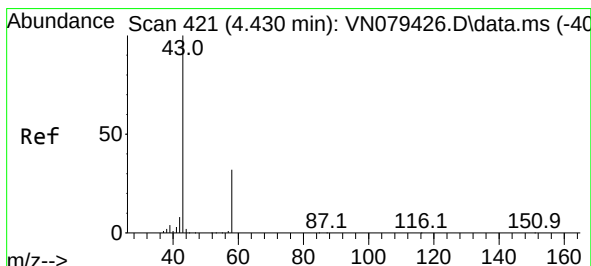
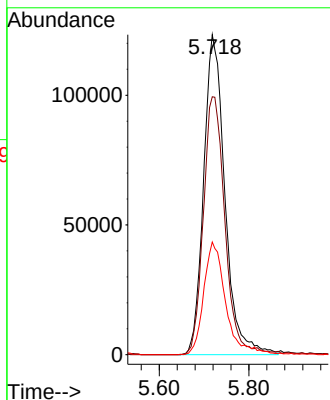
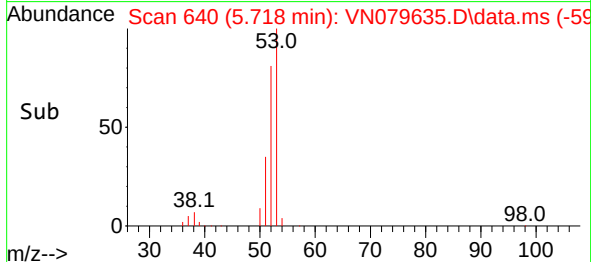
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



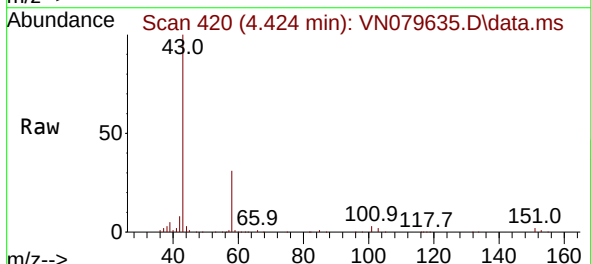
Tgt Ion: 53 Resp: 405993
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 36.4 28.9 43.3

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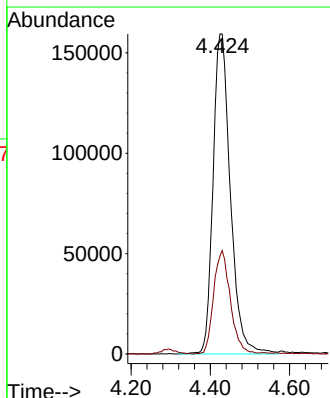
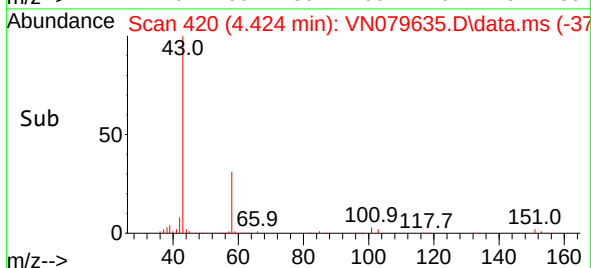
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

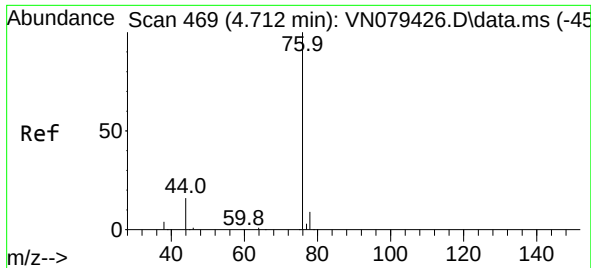


#16
Acetone
Concen: 284.073 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28



Tgt Ion: 43 Resp: 484309
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0





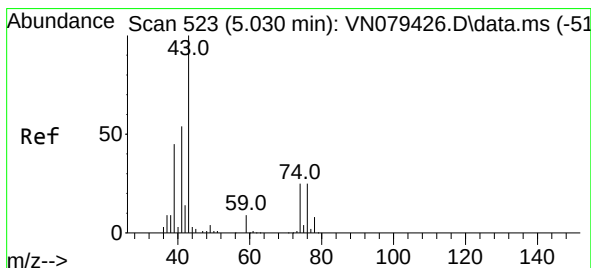
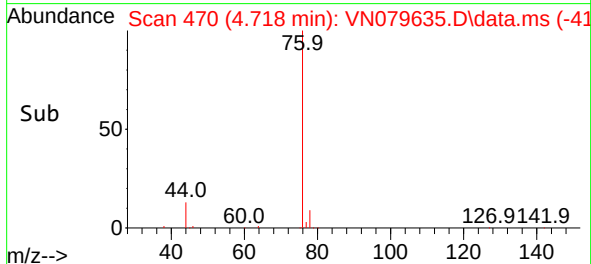
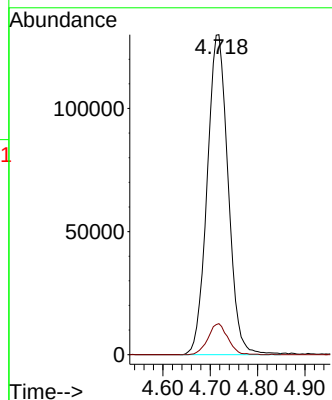
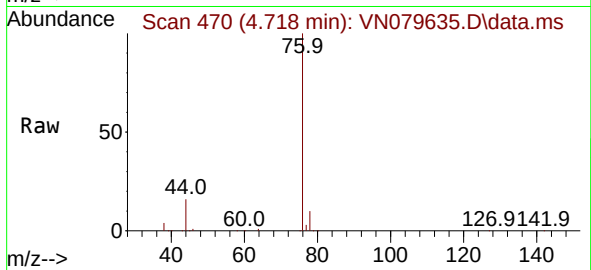
#17
Carbon Disulfide
Concen: 40.817 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 39878
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

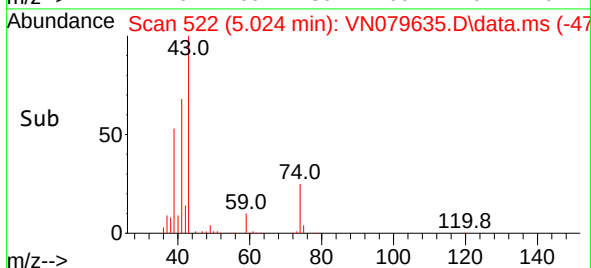
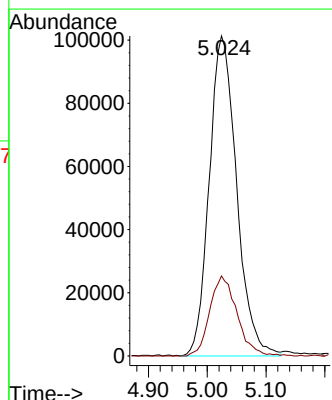
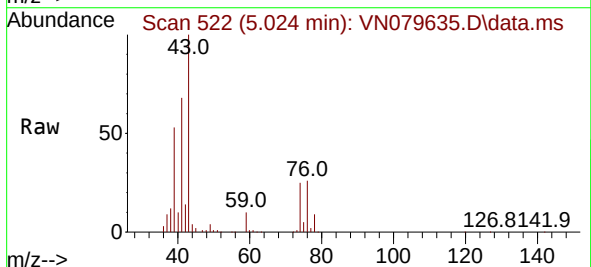
Manual Integrations
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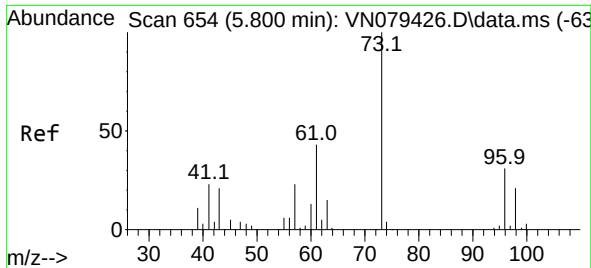
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#18
Methyl Acetate
Concen: 39.297 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Tgt Ion: 43 Resp: 327909
Ion Ratio Lower Upper
43 100
74 24.9 26.2 39.4#





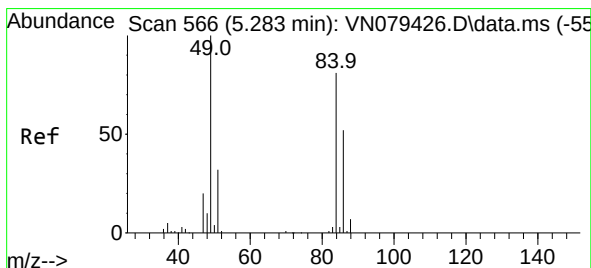
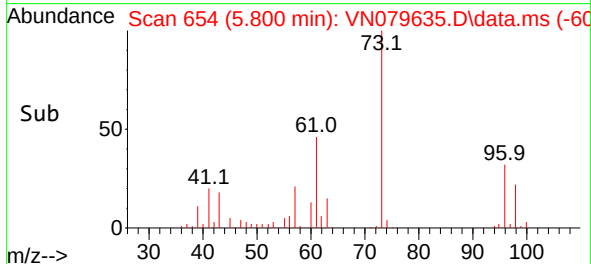
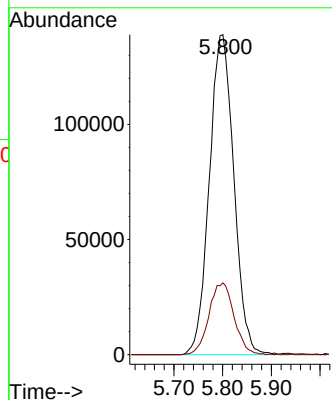
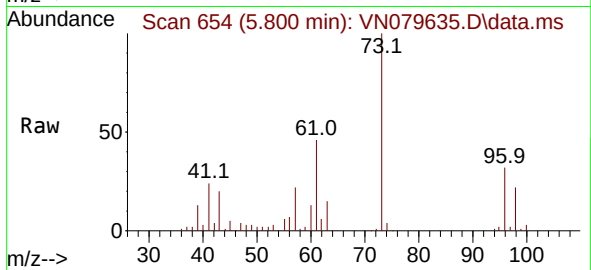
#19
Methyl tert-butyl Ether
Concen: 47.677 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 48520
Ion Ratio Lower Upper
73 100
57 22.5 15.6 23.4

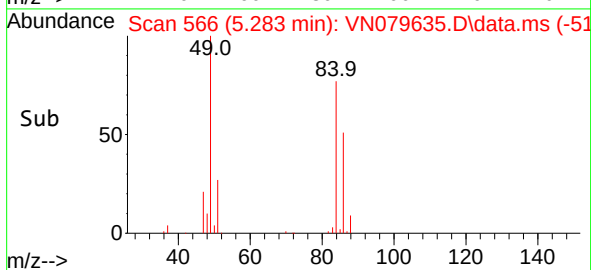
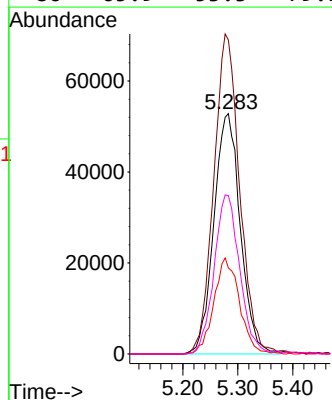
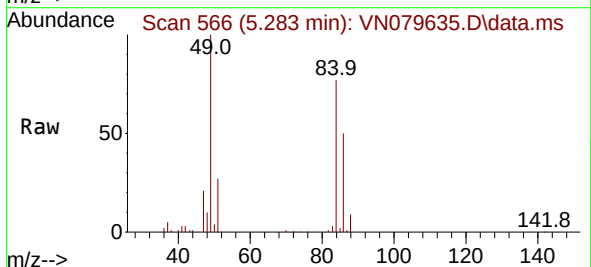
Manual Integrations
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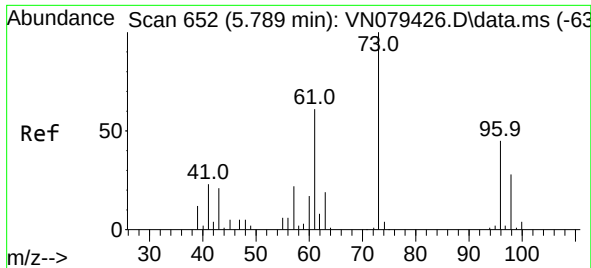
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#20
Methylene Chloride
Concen: 47.212 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

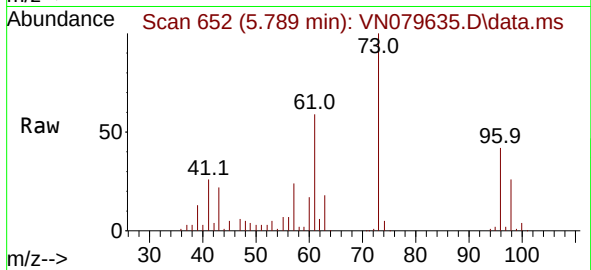
Tgt Ion: 84 Resp: 176386
Ion Ratio Lower Upper
84 100
49 130.7 79.7 119.5#
51 35.9 25.2 37.8
86 65.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 44.510 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

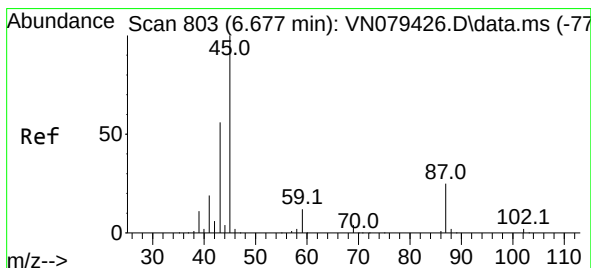
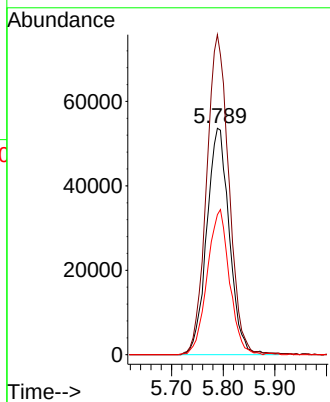
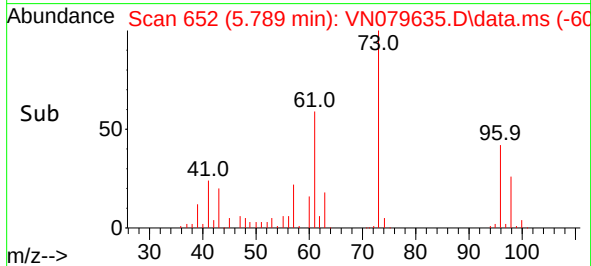
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 162830
Ion Ratio Lower Upper
96 100
61 141.3 90.1 135.1
98 61.8 46.4 69.6

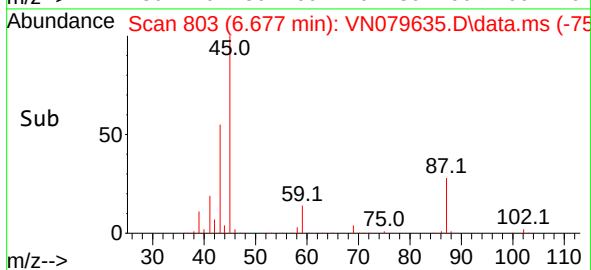
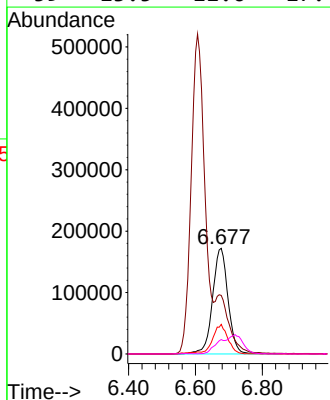
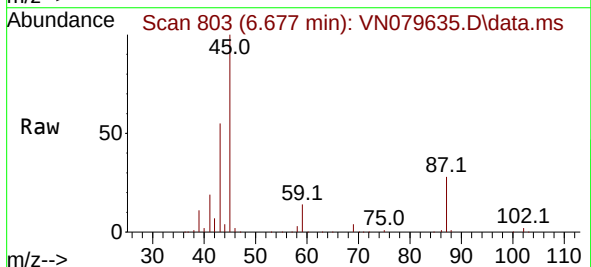
Manual Integrations
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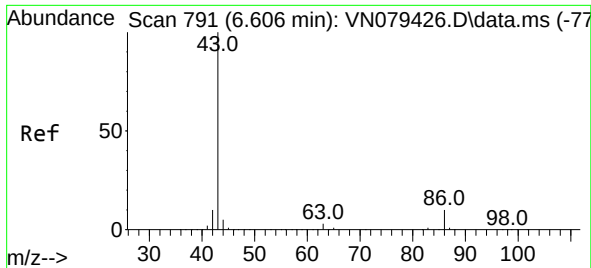
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#22
Diisopropyl ether
Concen: 48.898 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Tgt Ion: 45 Resp: 554213
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 28.0 31.8 47.8#
59 13.5 11.6 17.4





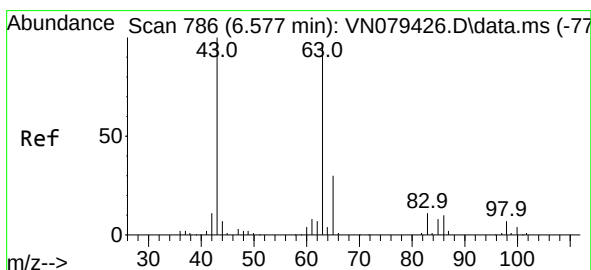
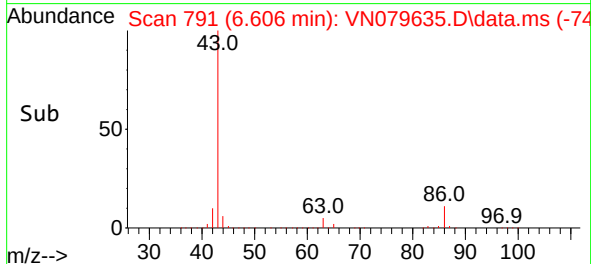
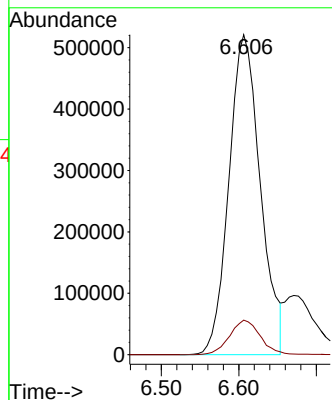
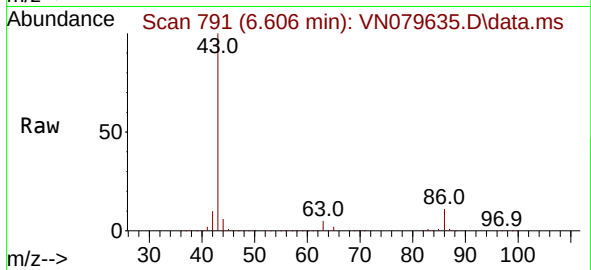
#23
 Vinyl Acetate
 Concen: 230.959 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079635.D
 Acq: 23 Oct 2023 09:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1472460
 Ion Ratio Lower Upper
 43 100
 86 10.8 13.0 19.6

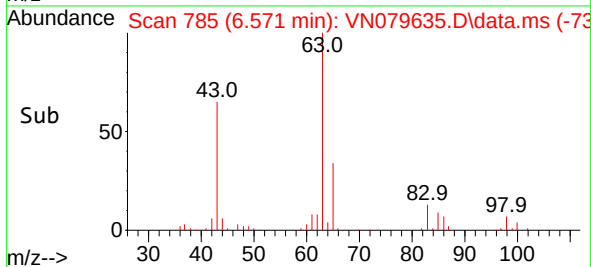
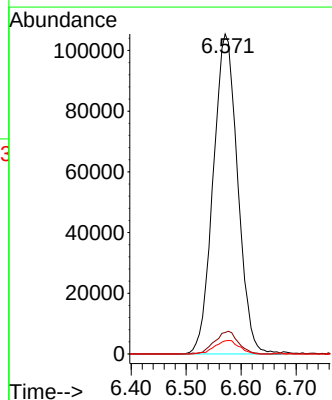
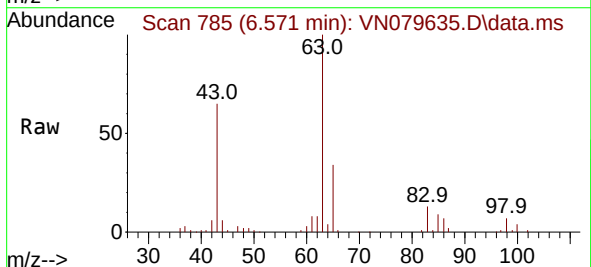
Manual Integrations
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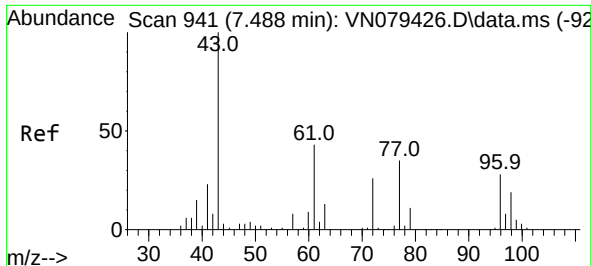
Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#24
 1,1-Dichloroethane
 Concen: 46.981 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079635.D
 Acq: 23 Oct 2023 09:28

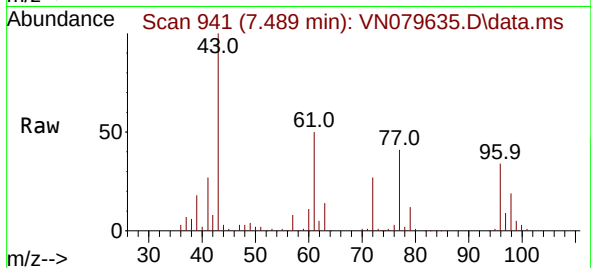
Tgt Ion: 63 Resp: 325888
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.1 2.5 7.4





#25
2-Butanone
Concen: 233.648 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

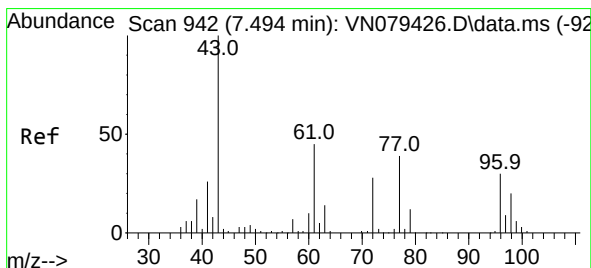
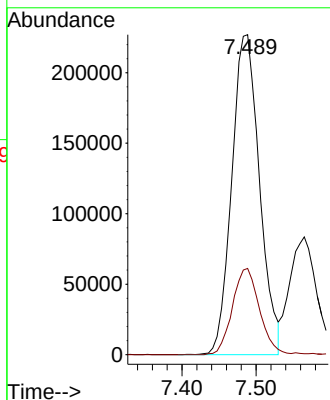
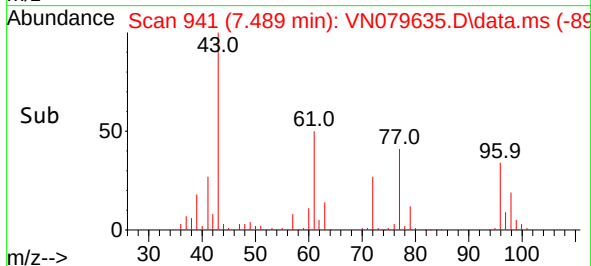
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



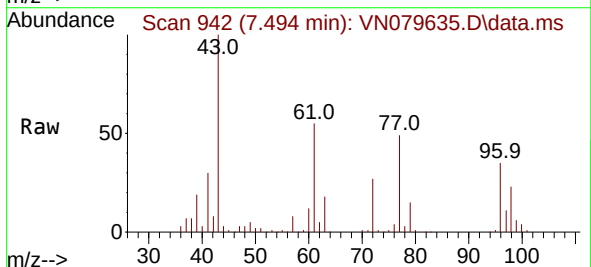
Tgt Ion: 43 Resp: 591223
Ion Ratio Lower Upper
43 100
72 26.9 30.2 45.2

Manual Integrations
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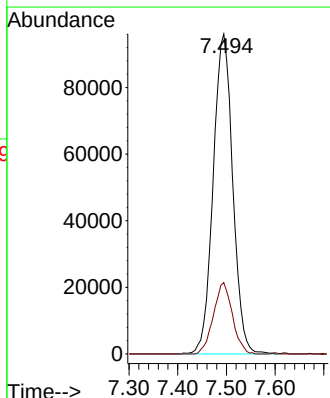
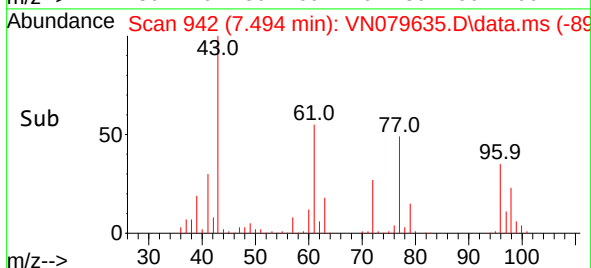
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

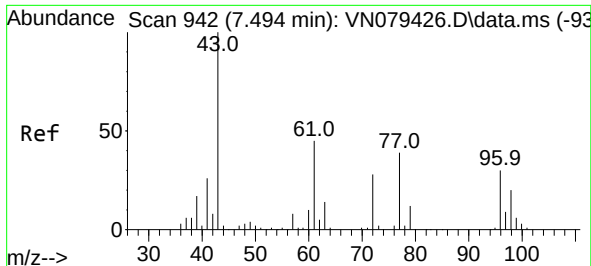


#26
2,2-Dichloropropane
Concen: 50.646 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28



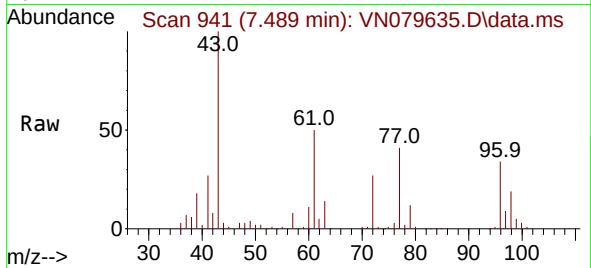
Tgt Ion: 77 Resp: 268482
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.989 ug/l
 RT: 7.489 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: VN079635.D
 Acq: 23 Oct 2023 09:28

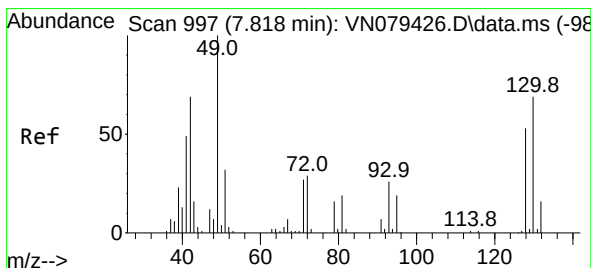
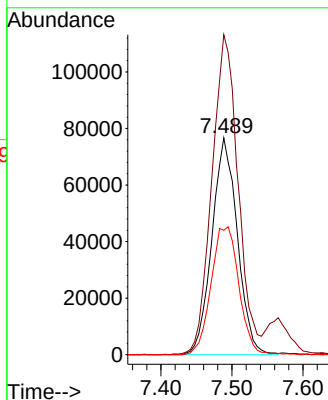
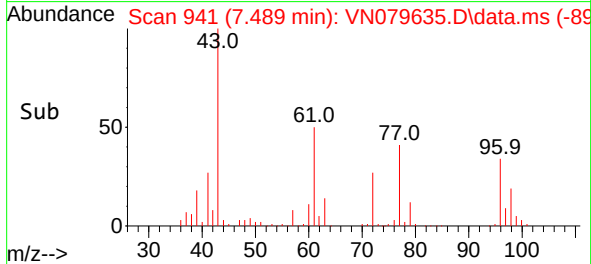
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 190718
 Ion Ratio Lower Upper
 96 100
 61 152.2 0.0 255.2
 98 64.5 0.0 128.8

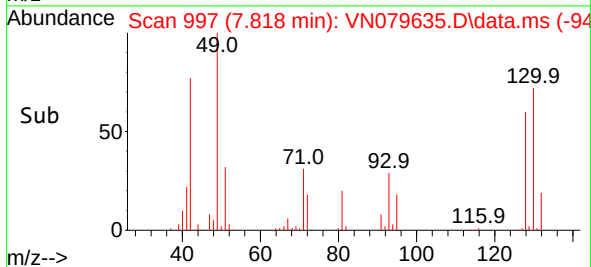
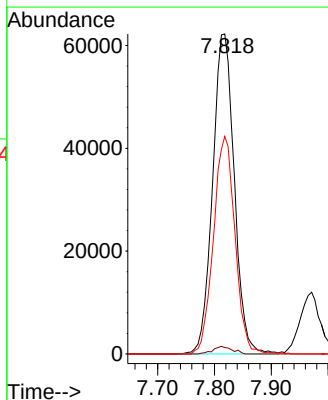
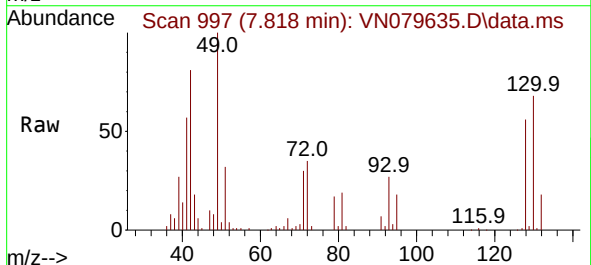
Manual Integrations
 APPROVED

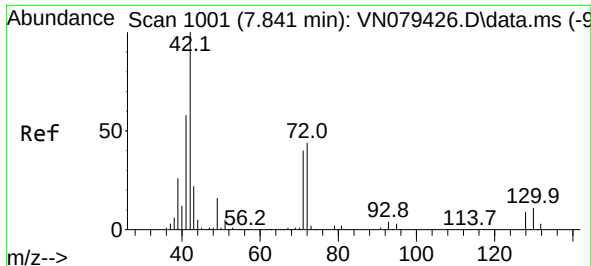
Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#28
 Bromochloromethane
 Concen: 49.939 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079635.D
 Acq: 23 Oct 2023 09:28

Tgt Ion: 49 Resp: 164819
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 67.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 212.947 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 34849

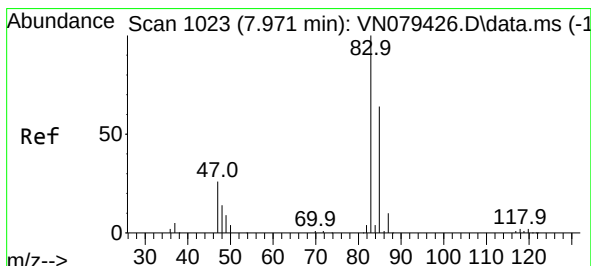
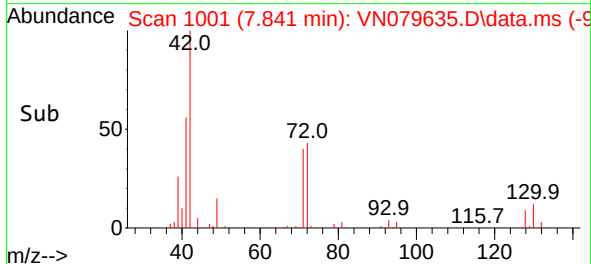
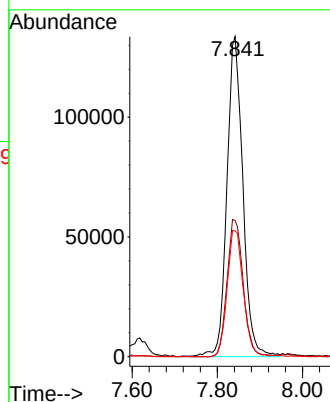
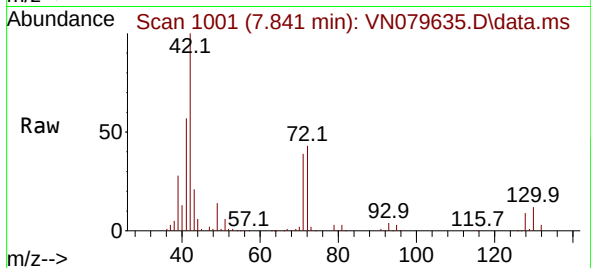
Ion	Ratio	Lower	Upper
42	100		
72	43.4	49.8	74.6
71	40.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#30

Chloroform

Concen: 47.310 ug/l

RT: 7.965 min Scan# 1022

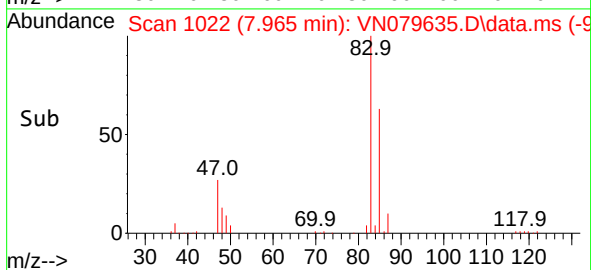
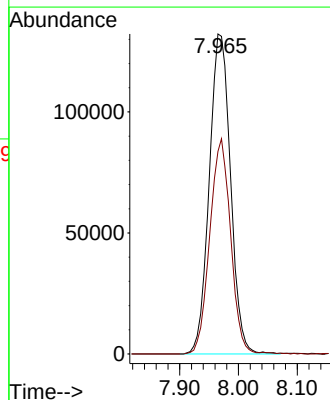
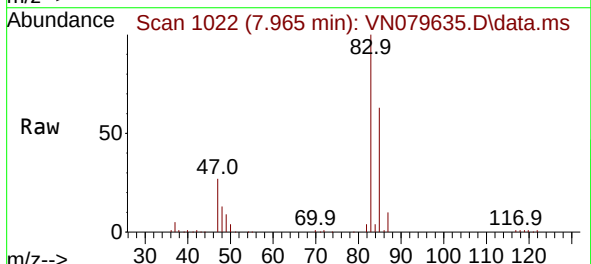
Delta R.T. -0.006 min

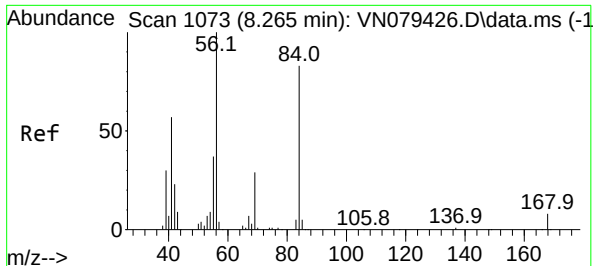
Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Tgt Ion: 83 Resp: 331579

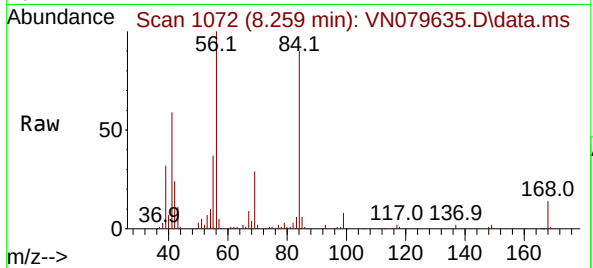
Ion	Ratio	Lower	Upper
83	100		
85	63.3	55.4	83.0





#31
Cyclohexane
Concen: 42.510 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

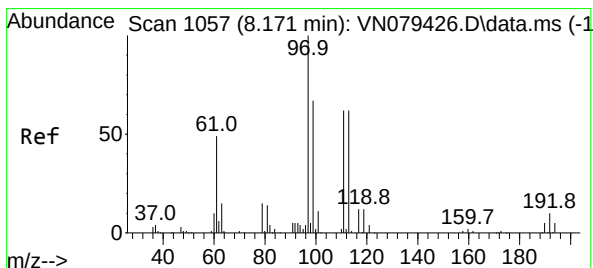
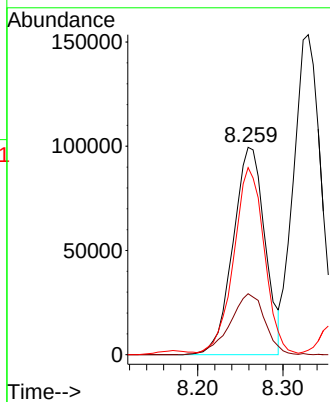
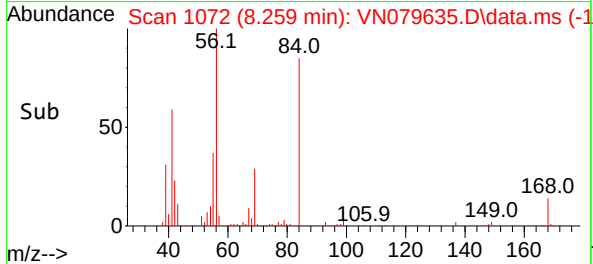
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 259180
Ion Ratio Lower Upper
56 100
69 29.4 26.8 40.2
84 88.2 81.8 122.6

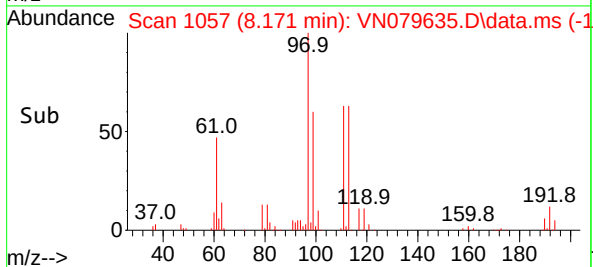
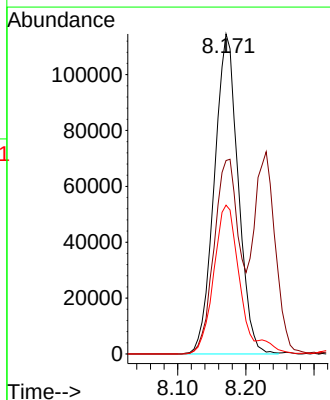
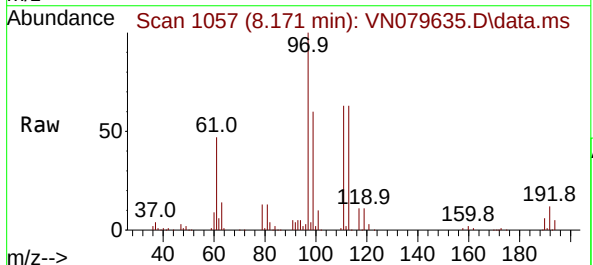
Manual Integrations
APPROVED

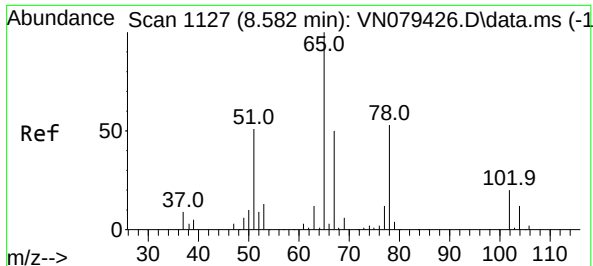
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#32
1,1,1-Trichloroethane
Concen: 47.384 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Tgt Ion: 97 Resp: 279477
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 51.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.239 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 21164

Ion Ratio Lower Upper

65 100

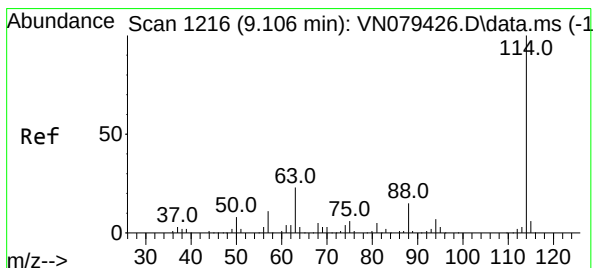
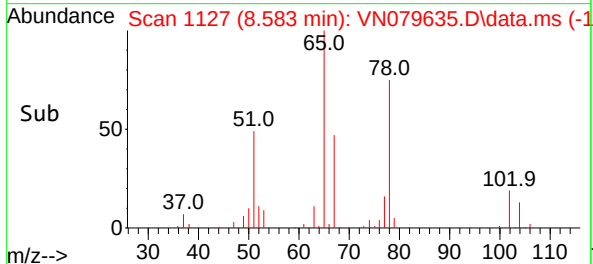
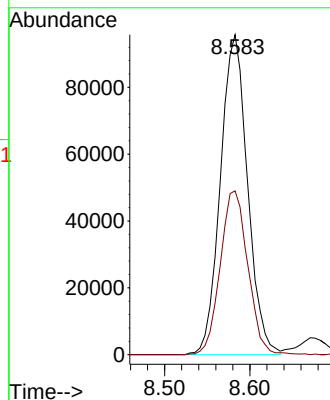
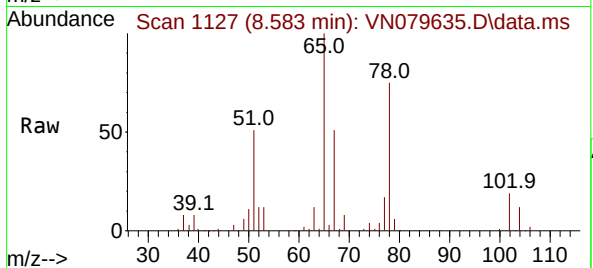
67 52.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

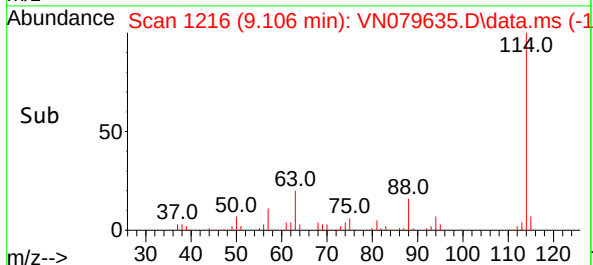
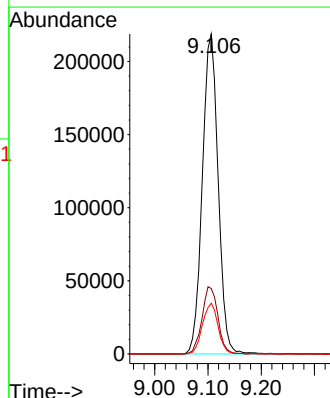
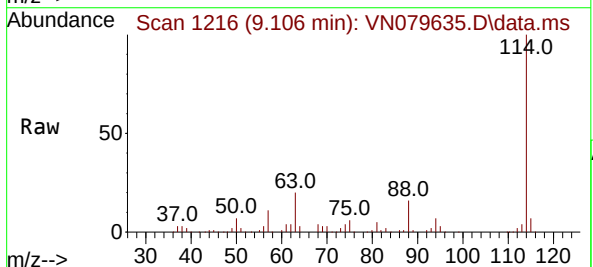
Tgt Ion:114 Resp: 449732

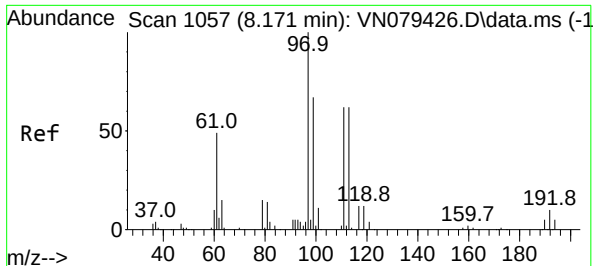
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.536 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 16979

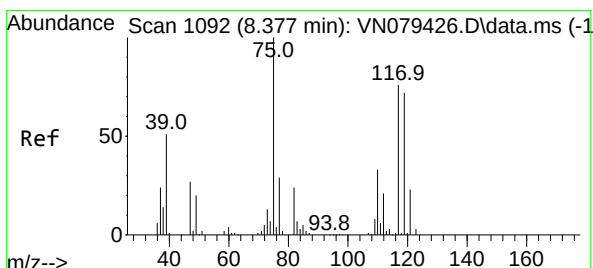
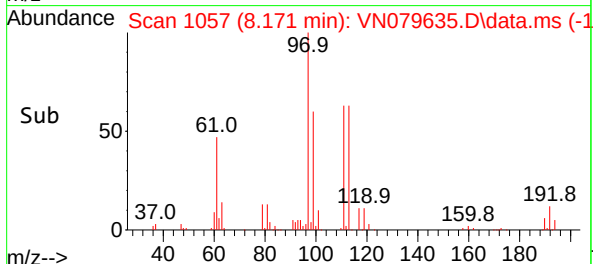
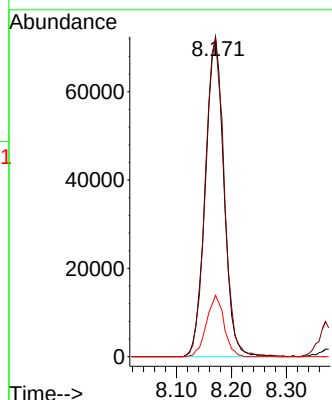
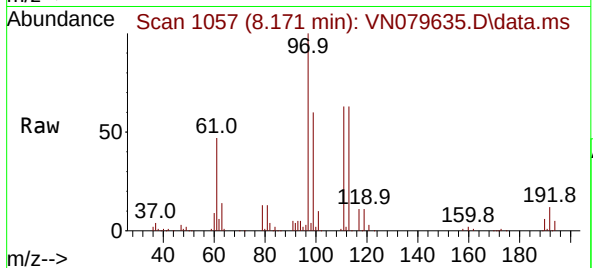
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	18.1	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#36

1,1-Dichloropropene

Concen: 50.471 ug/l

RT: 8.371 min Scan# 1091

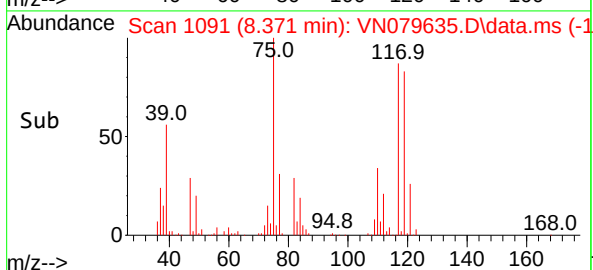
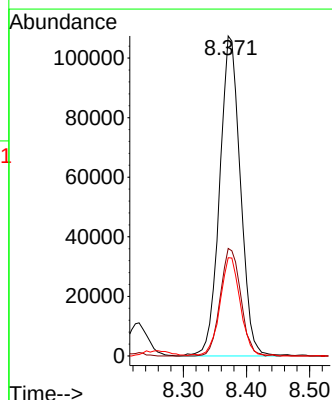
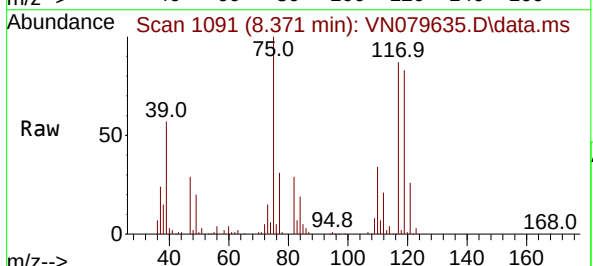
Delta R.T. -0.006 min

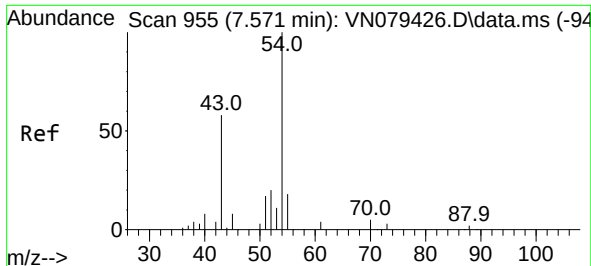
Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Tgt Ion: 75 Resp: 244817

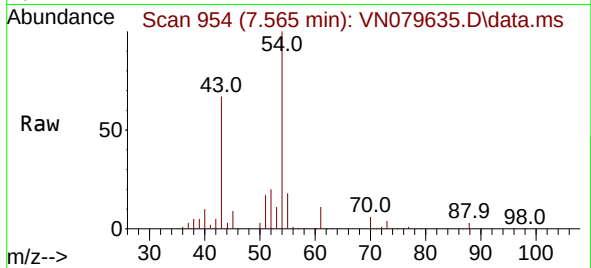
Ion	Ratio	Lower	Upper
75	100		
110	33.2	19.1	57.3
77	30.3	25.0	37.4





#37
Ethyl Acetate
Concen: 45.480 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

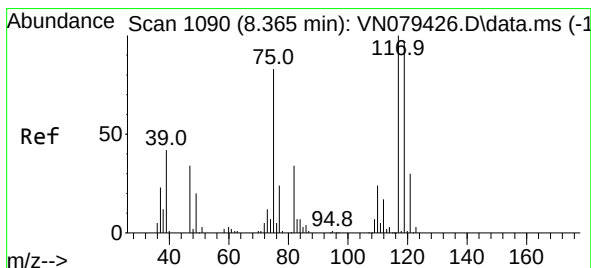
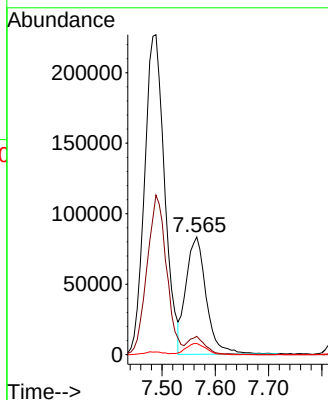
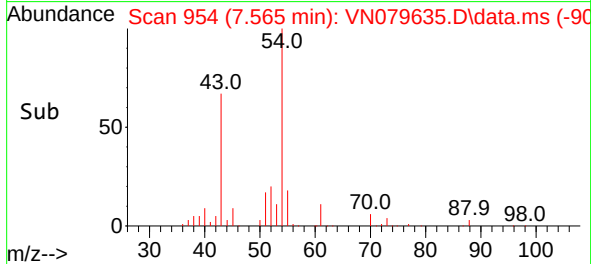
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 21951
Ion Ratio Lower Upper
43 100
61 12.7 13.2 19.8
70 9.5 11.3 16.9

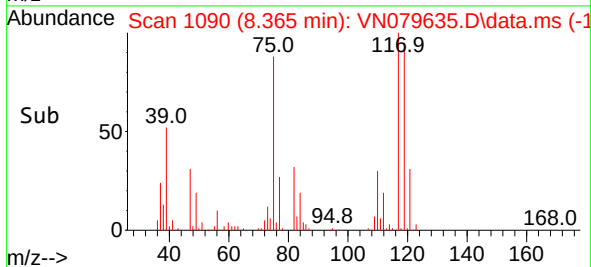
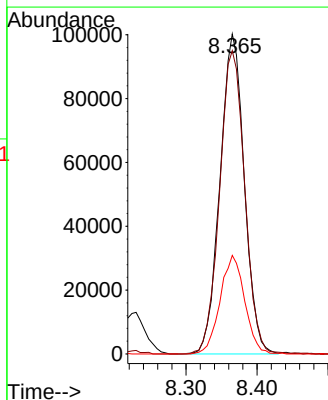
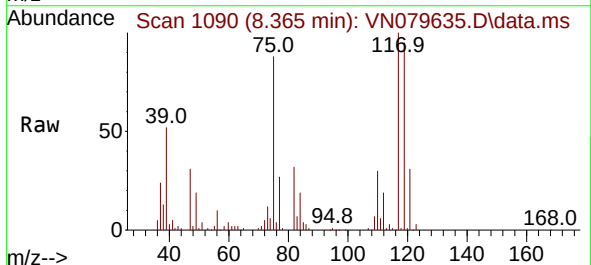
Manual Integrations
APPROVED

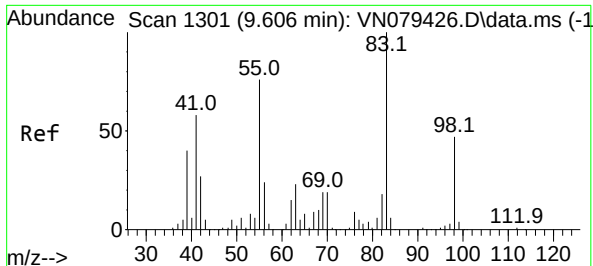
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#38
Carbon Tetrachloride
Concen: 48.982 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Tgt Ion:117 Resp: 237857
Ion Ratio Lower Upper
117 100
119 94.8 77.3 115.9
121 30.8 23.3 34.9





#39

Methylcyclohexane

Concen: 49.165 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 229124

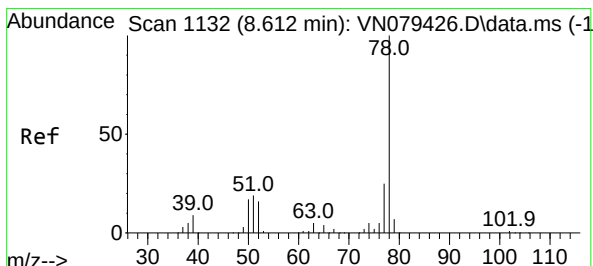
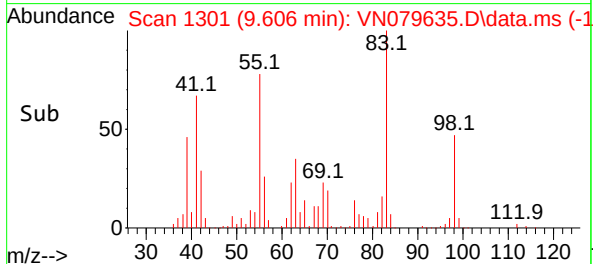
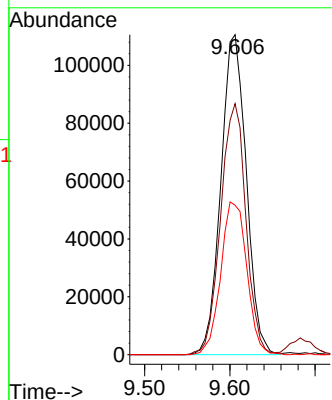
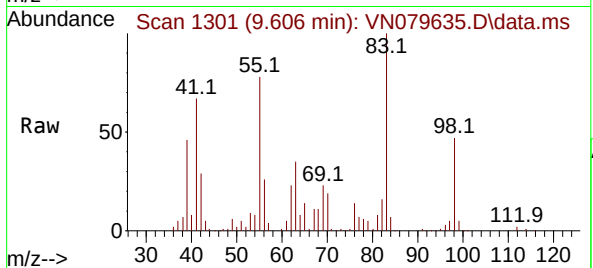
Ion	Ratio	Lower	Upper
83	100		
55	78.4	49.1	73.7
98	46.7	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#40

Benzene

Concen: 50.551 ug/l

RT: 8.606 min Scan# 1131

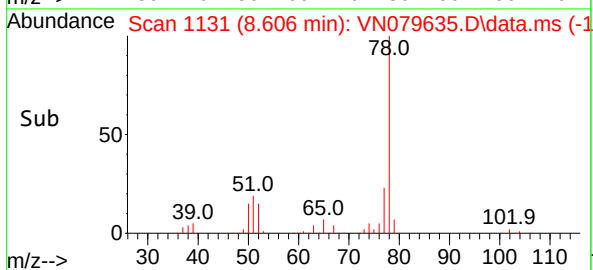
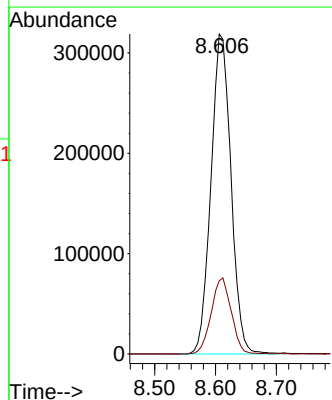
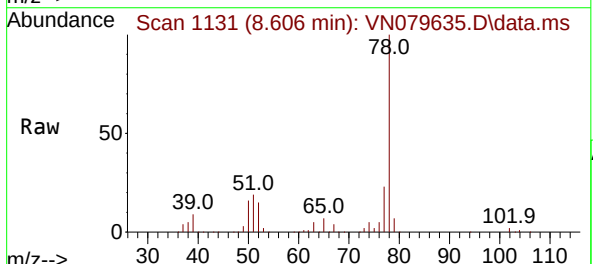
Delta R.T. -0.006 min

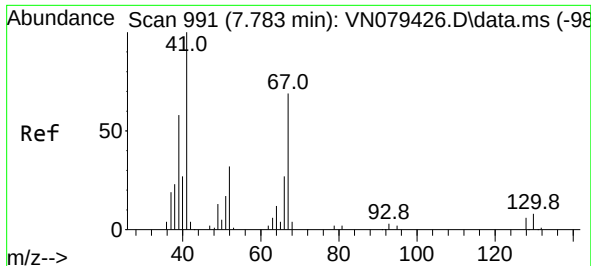
Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Tgt Ion: 78 Resp: 728217

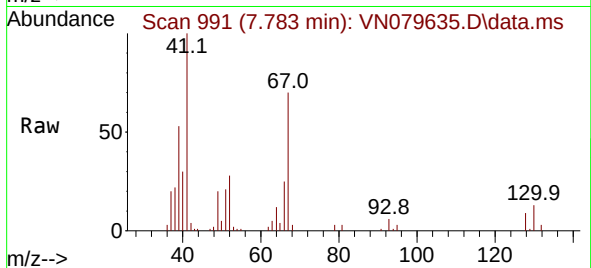
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.6





#41
Methacrylonitrile
Concen: 45.476 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

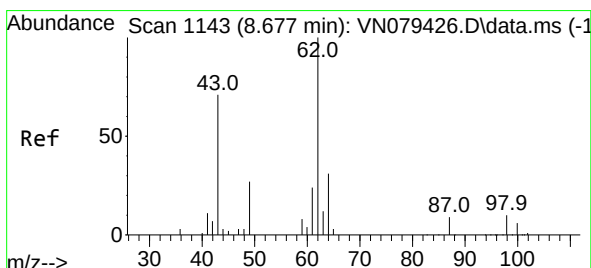
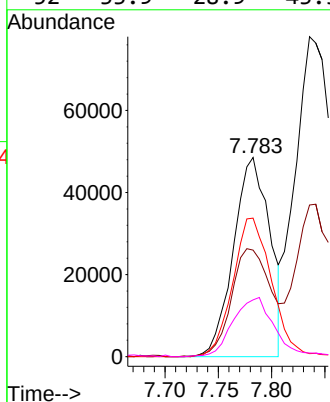
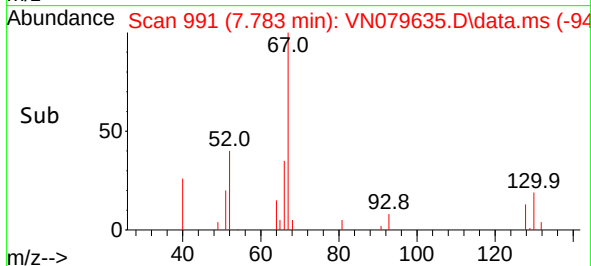
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 11539
Ion Ratio Lower Upper
41 100
39 57.6 42.6 64.0
67 74.1 77.5 116.3
52 33.9 28.9 43.3

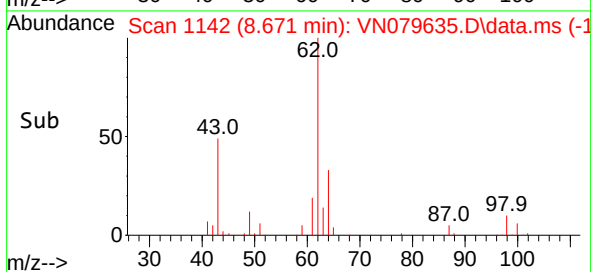
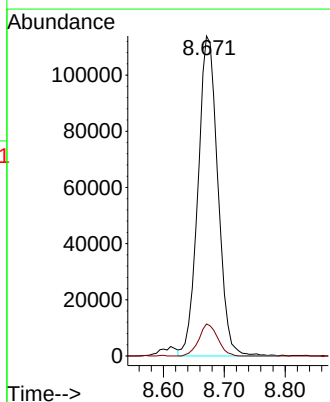
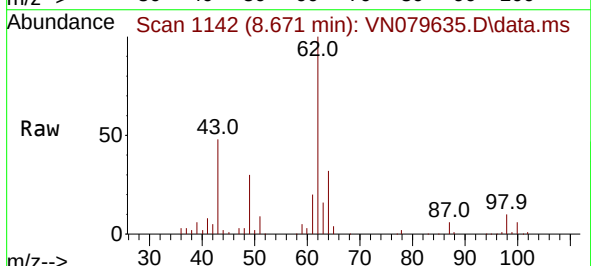
Manual Integrations
APPROVED

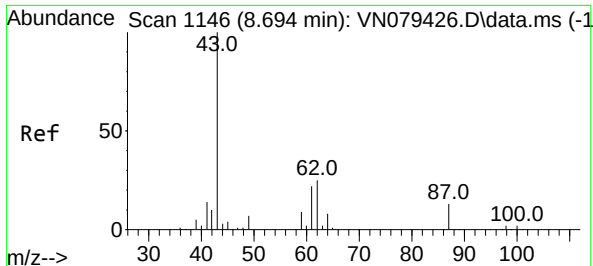
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#42
1,2-Dichloroethane
Concen: 49.264 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Tgt Ion: 62 Resp: 257871
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 42.506 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 359428

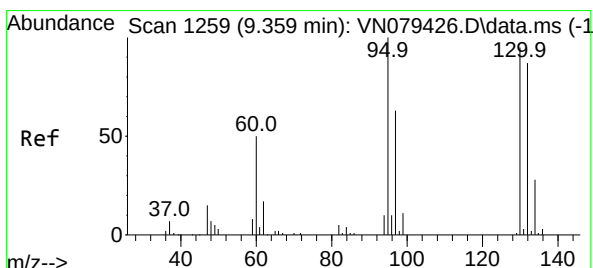
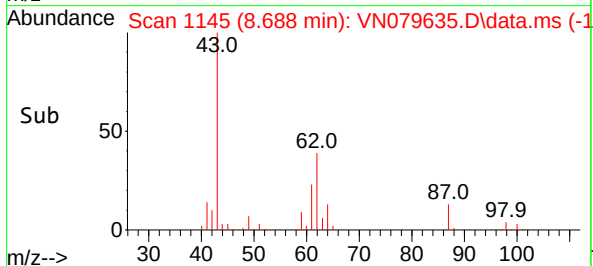
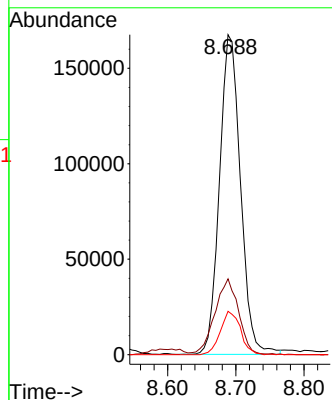
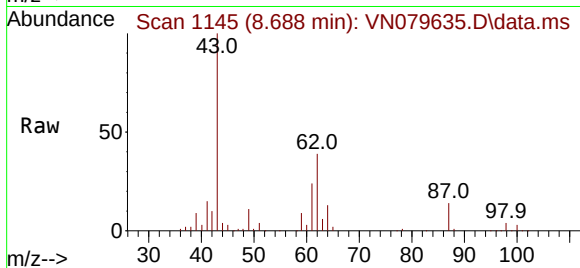
Ion	Ratio	Lower	Upper
43	100		
61	26.4	24.7	37.1
87	13.1	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#44

Trichloroethene

Concen: 49.954 ug/l

RT: 9.353 min Scan# 1258

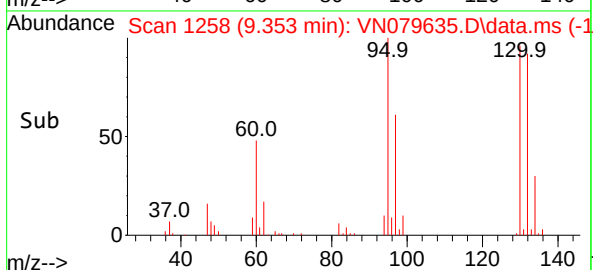
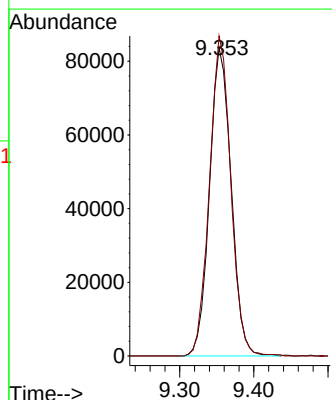
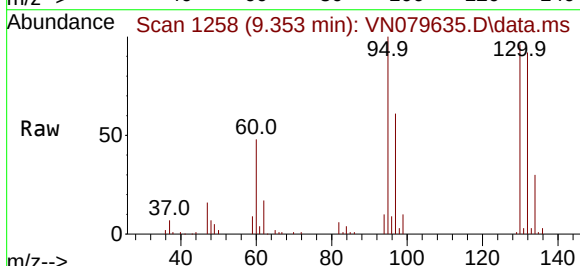
Delta R.T. -0.006 min

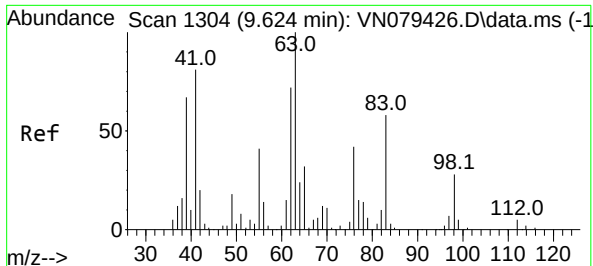
Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Tgt Ion:130 Resp: 169376

Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	204.6





#45

1,2-Dichloropropane

Concen: 51.321 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 194794

Ion Ratio Lower Upper

63 100

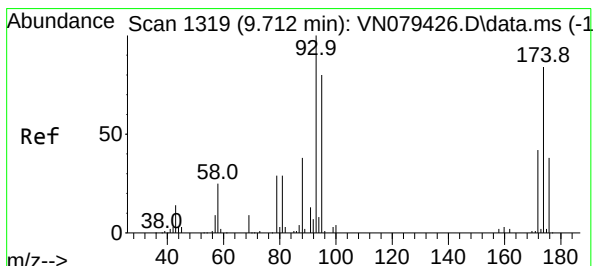
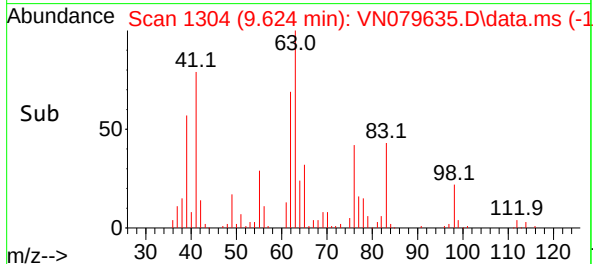
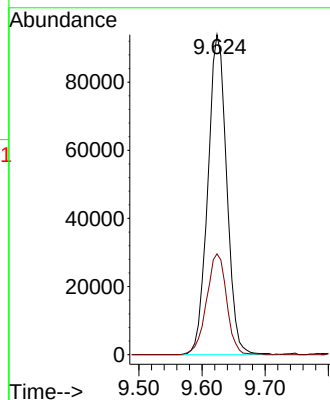
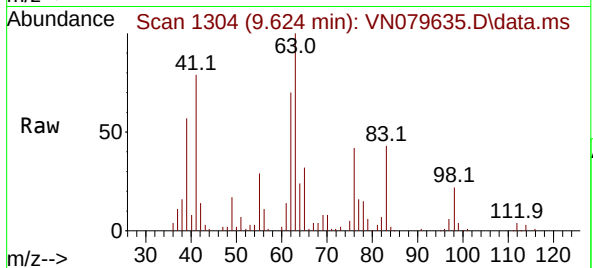
65 31.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#46

Dibromomethane

Concen: 52.038 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

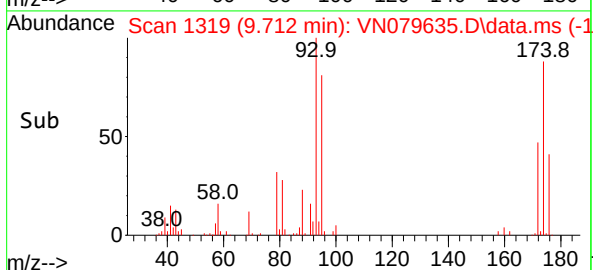
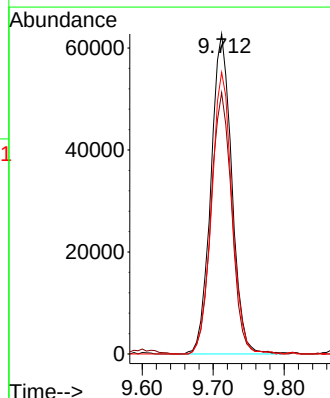
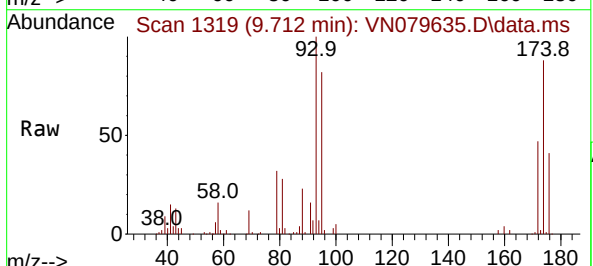
Tgt Ion: 93 Resp: 127923

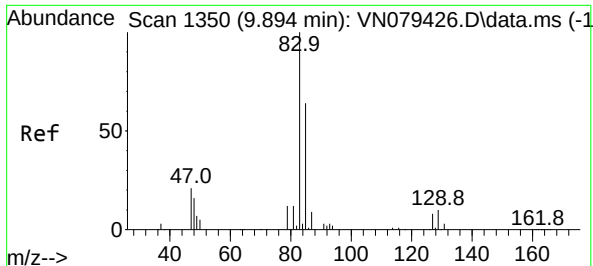
Ion Ratio Lower Upper

93 100

95 80.9 63.8 95.8

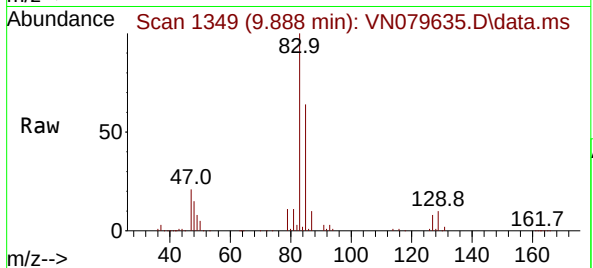
174 86.0 65.6 98.4





#47
Bromodichloromethane
Concen: 52.391 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

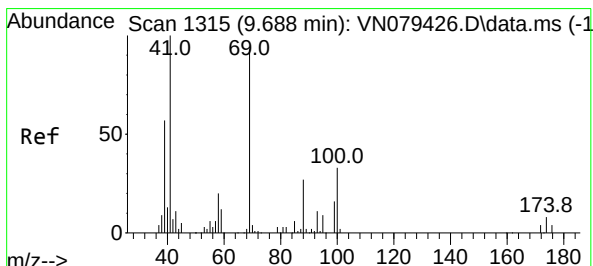
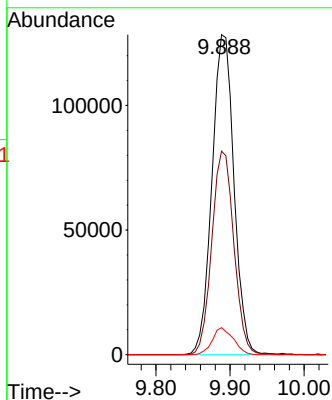
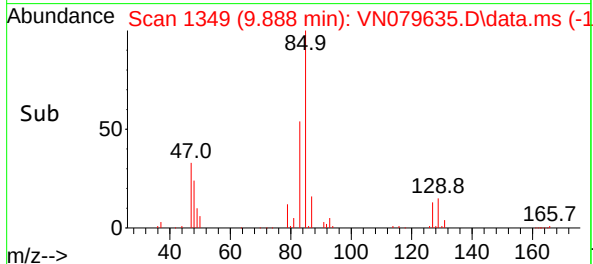
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



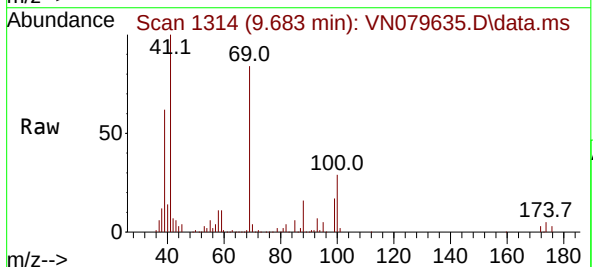
Tgt Ion: 83 Resp: 264920
Ion Ratio Lower Upper
83 100
85 63.6 49.6 74.4
127 8.4 7.0 10.6

Manual Integrations
APPROVED

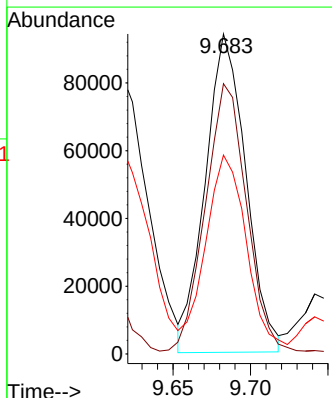
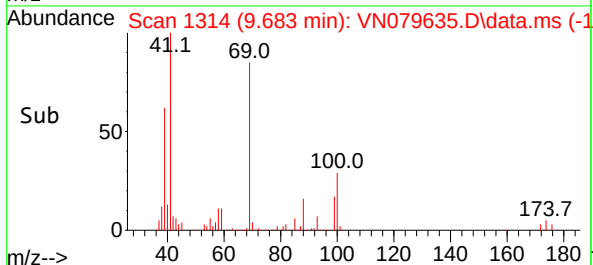
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

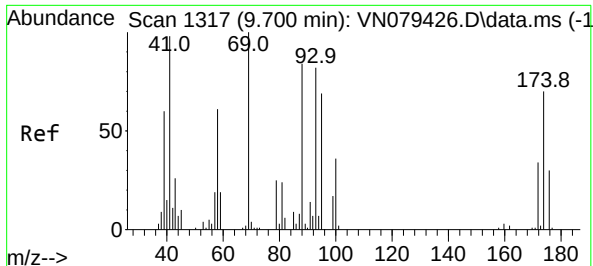


#48
Methyl methacrylate
Concen: 47.116 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28



Tgt Ion: 41 Resp: 170726
Ion Ratio Lower Upper
41 100
69 88.5 90.4 135.6
39 63.6 54.6 81.8





#49

1,4-Dioxane

Concen: 828.070 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 55269

Ion Ratio Lower Upper

88 100

43 29.6 17.0 25.6

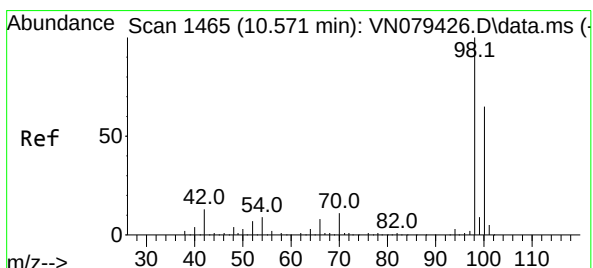
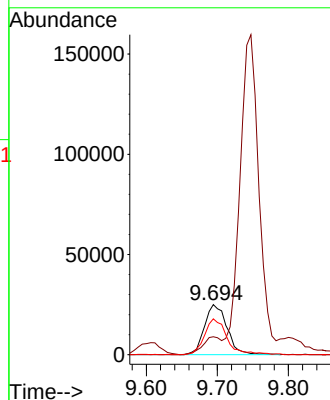
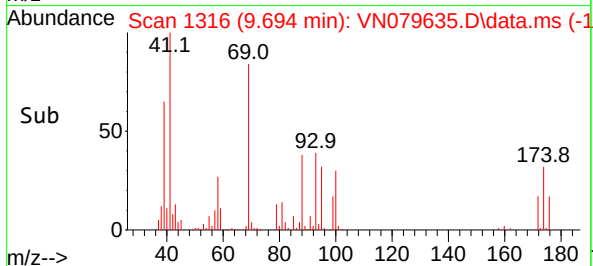
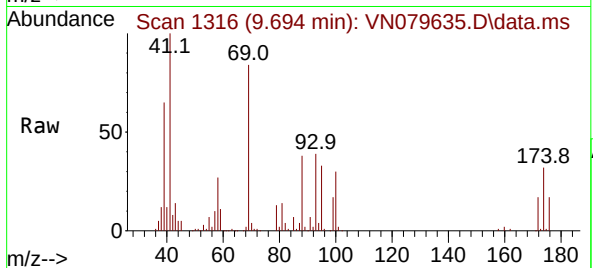
58 71.9 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#50

Toluene-d8

Concen: 53.349 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079635.D

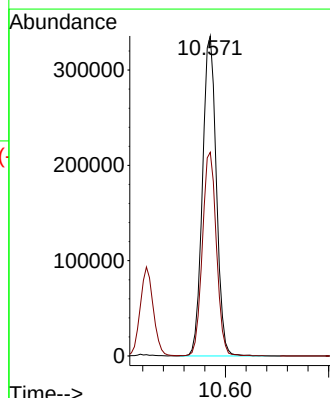
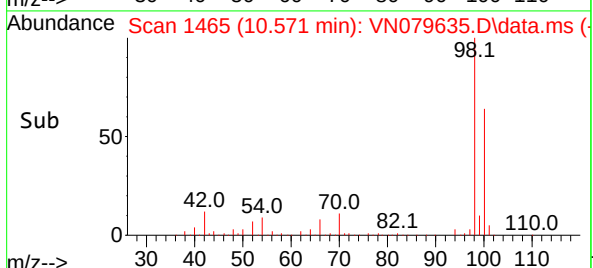
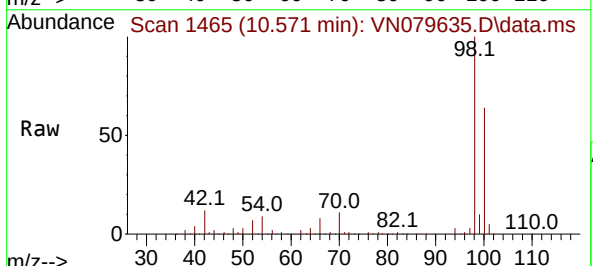
Acq: 23 Oct 2023 09:28

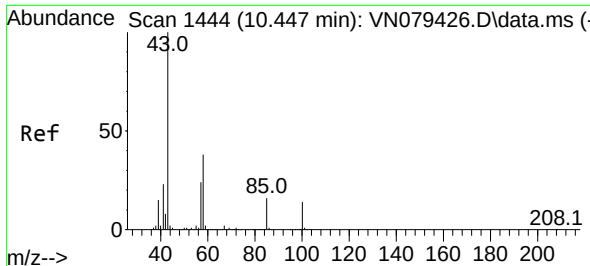
Tgt Ion: 98 Resp: 623869

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





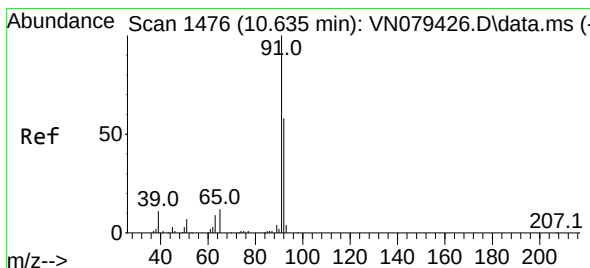
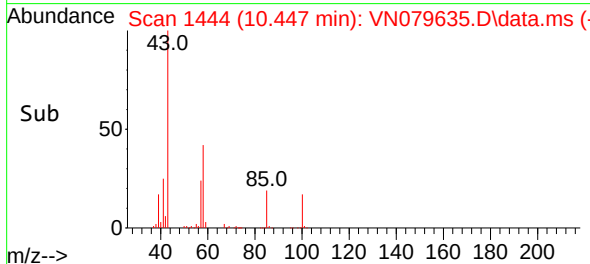
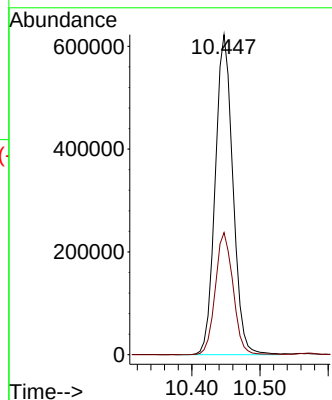
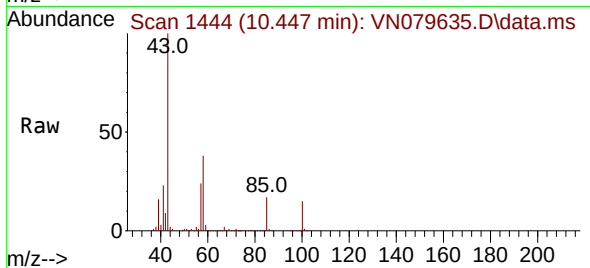
#51
4-Methyl-2-Pentanone
Concen: 235.493 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 112410
Ion Ratio Lower Upper
43 100
58 38.3 36.6 54.8

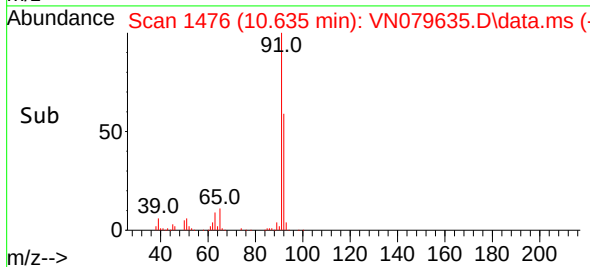
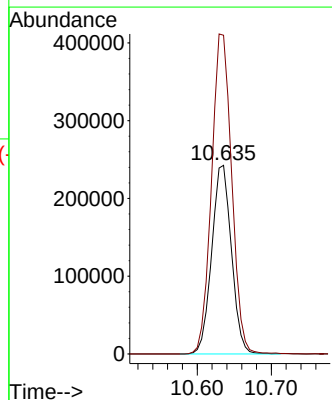
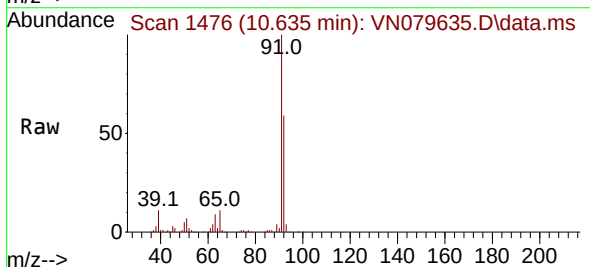
Manual Integrations
APPROVED

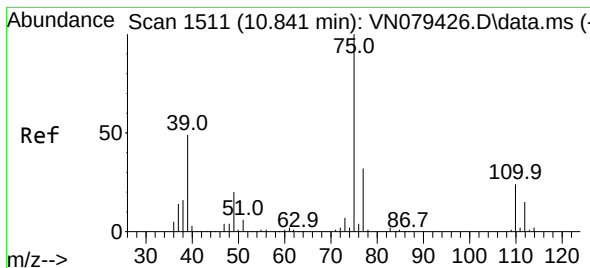
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#52
Toluene
Concen: 52.831 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

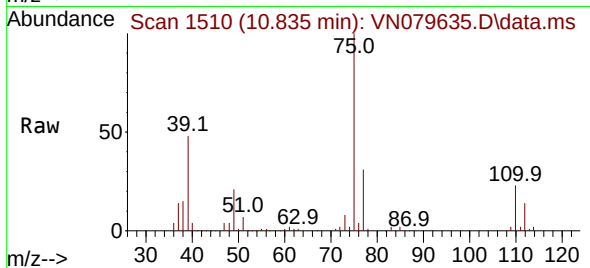
Tgt Ion: 92 Resp: 447989
Ion Ratio Lower Upper
92 100
91 173.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 52.978 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

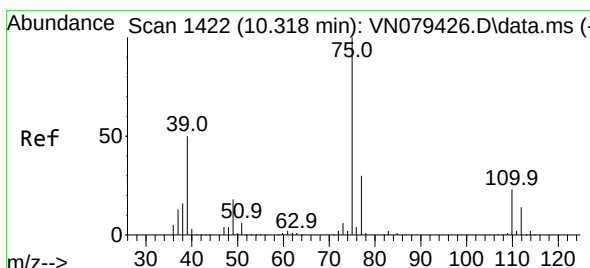
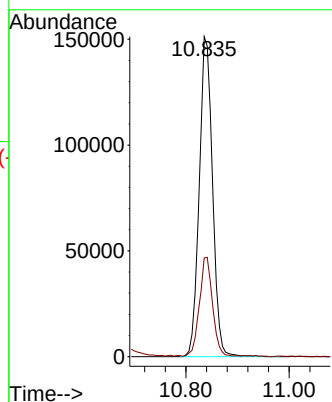
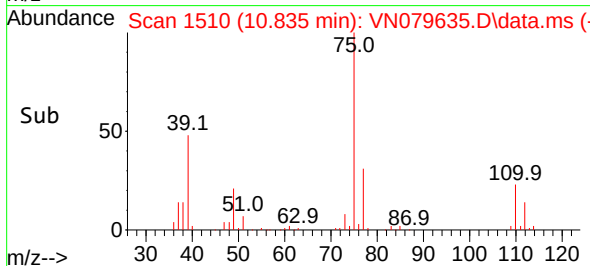
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 269969
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

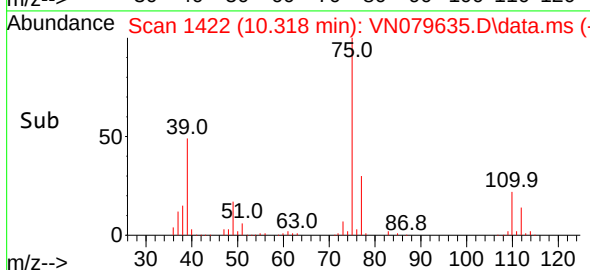
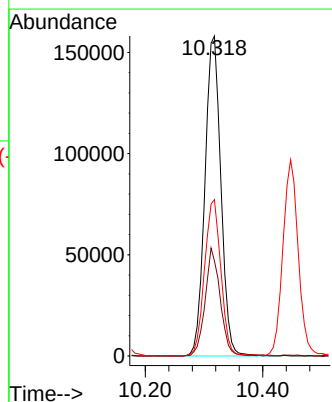
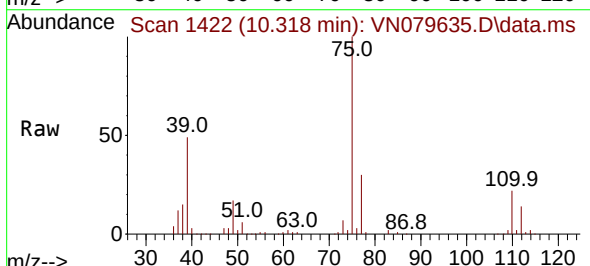
Manual Integrations
APPROVED

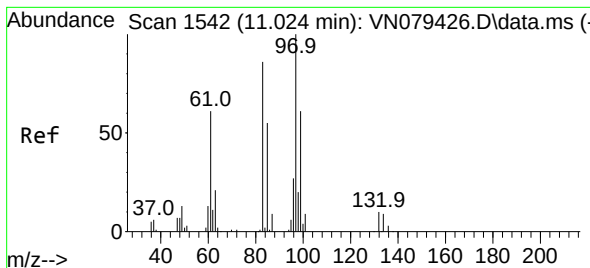
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#54
cis-1,3-Dichloropropene
Concen: 53.381 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

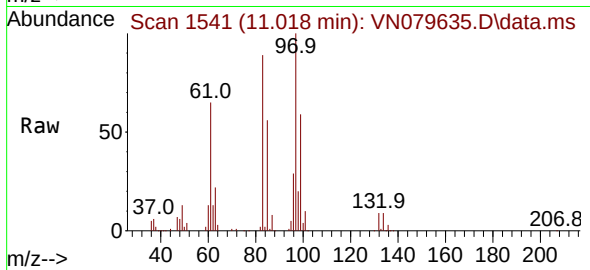
Tgt Ion: 75 Resp: 297781
Ion Ratio Lower Upper
75 100
77 29.7 26.1 39.1
39 48.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 51.557 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

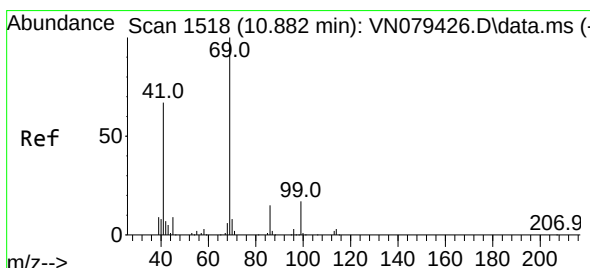
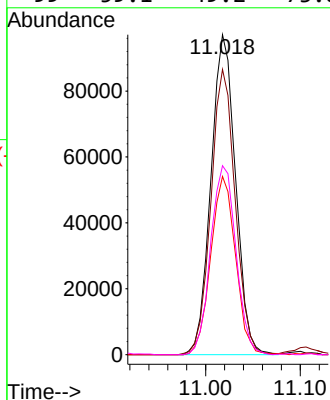
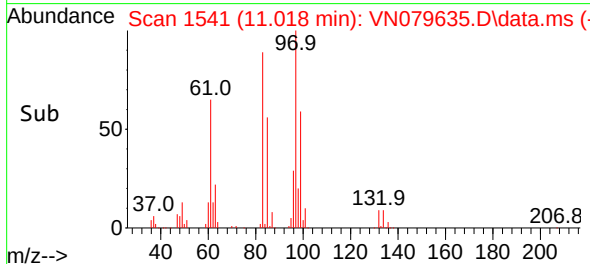
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



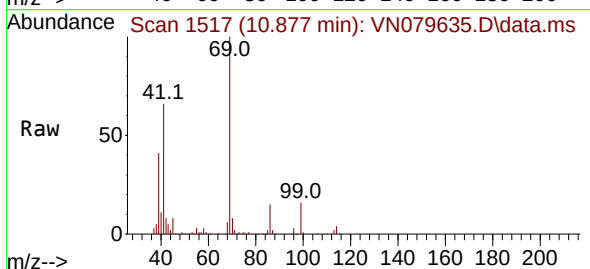
Tgt Ion: 97 Resp: 175518
Ion Ratio Lower Upper
97 100
83 89.2 65.1 97.7
85 55.7 43.4 65.2
99 59.1 49.2 73.8

Manual Integrations
APPROVED

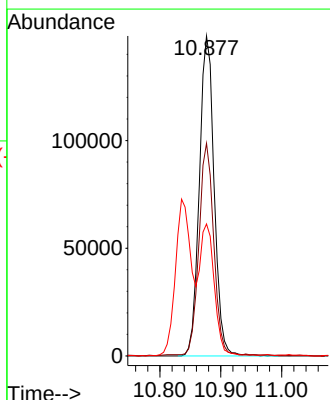
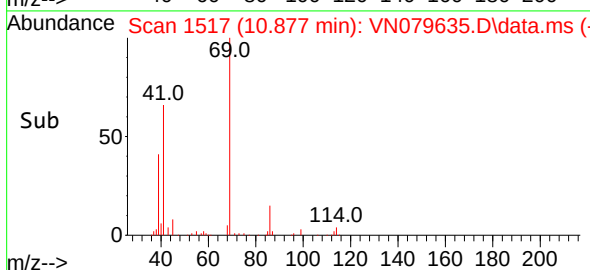
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

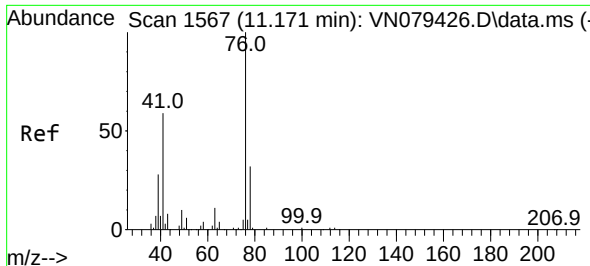


#56
Ethyl methacrylate
Concen: 53.615 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28



Tgt Ion: 69 Resp: 250810
Ion Ratio Lower Upper
69 100
41 66.4 39.6 59.4#
39 39.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 52.980 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 311438

Ion Ratio Lower Upper

76 100

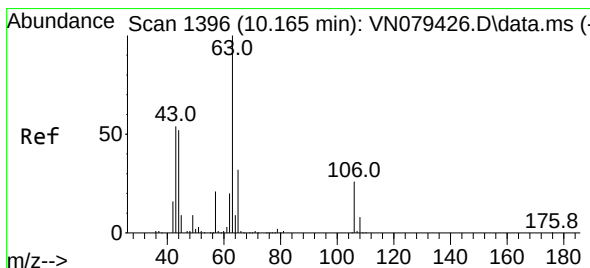
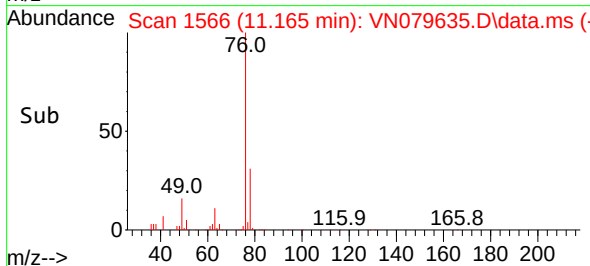
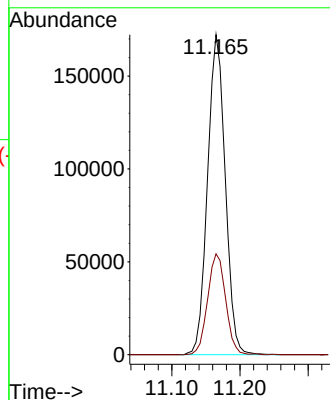
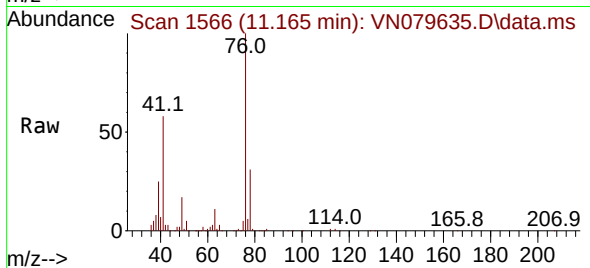
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 269.826 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079635.D

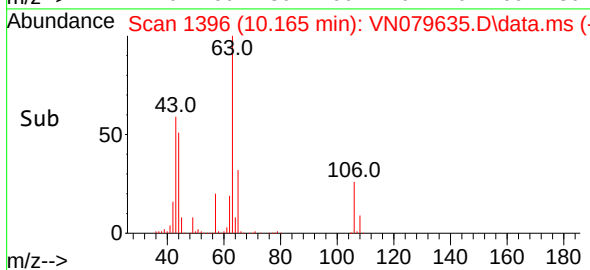
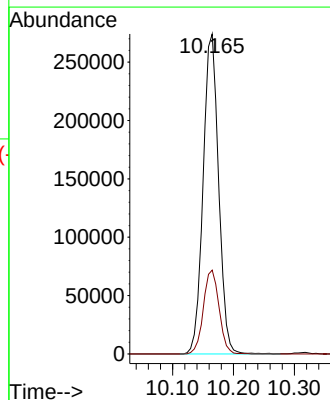
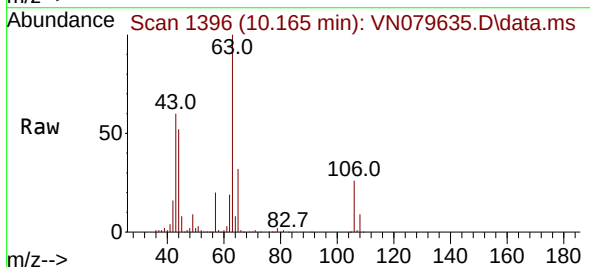
Acq: 23 Oct 2023 09:28

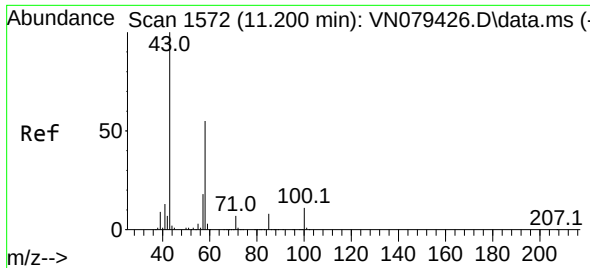
Tgt Ion: 63 Resp: 483395

Ion Ratio Lower Upper

63 100

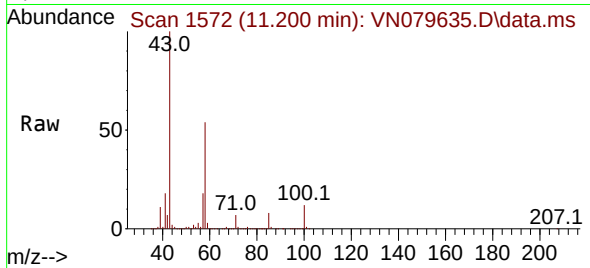
106 26.5 26.2 39.4





#59
2-Hexanone
Concen: 245.548 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

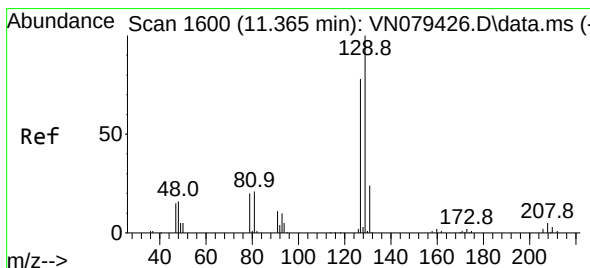
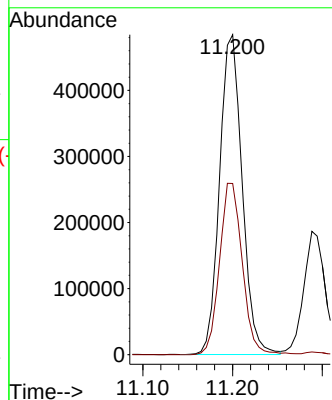
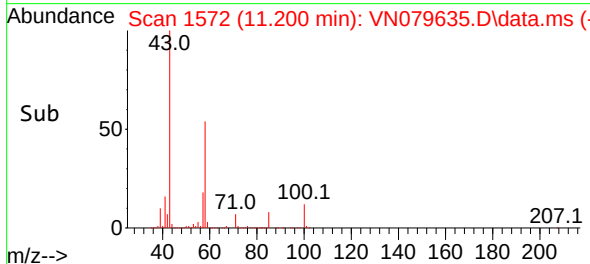
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 845798
Ion Ratio Lower Upper
43 100
58 54.0 31.7 95.1

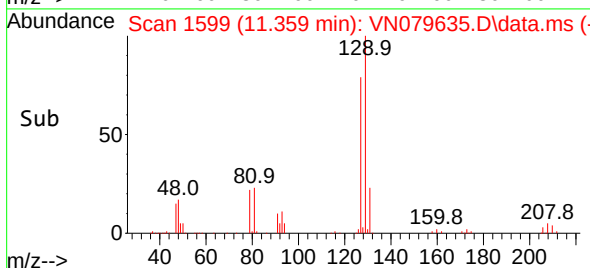
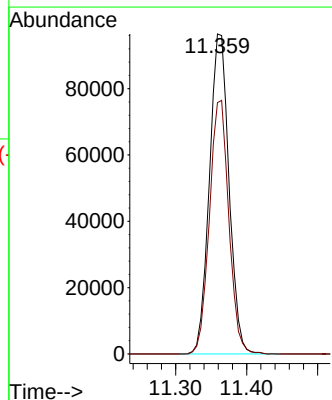
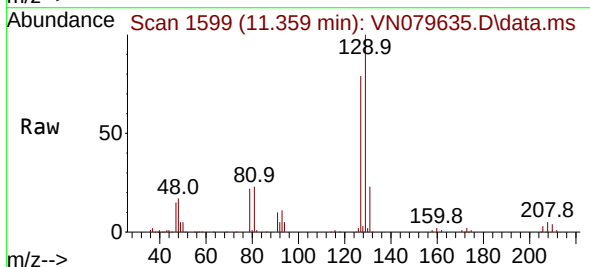
Manual Integrations
APPROVED

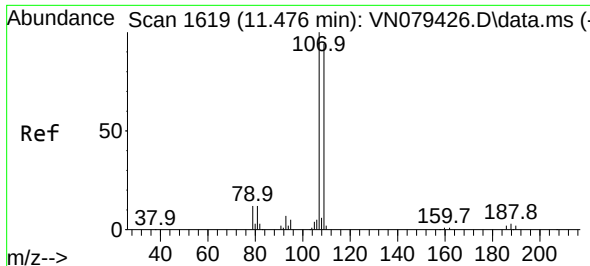
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#60
Dibromochloromethane
Concen: 53.989 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

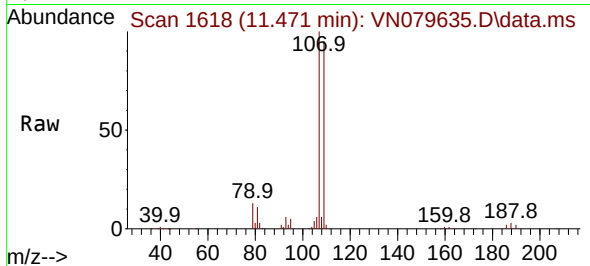
Tgt Ion:129 Resp: 184719
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.959 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

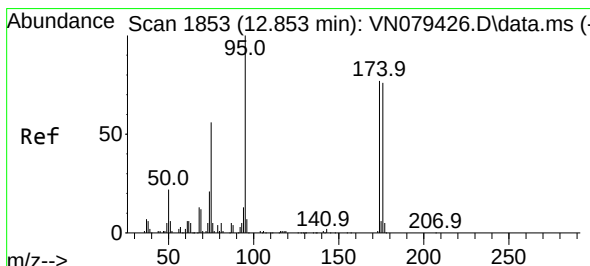
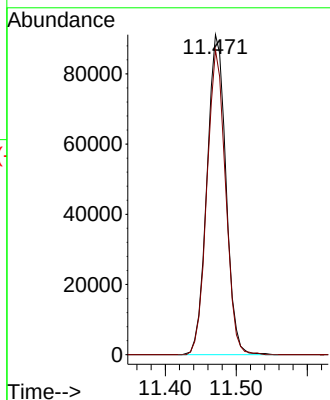
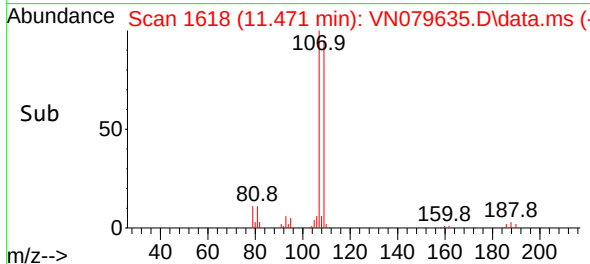
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 168785
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8

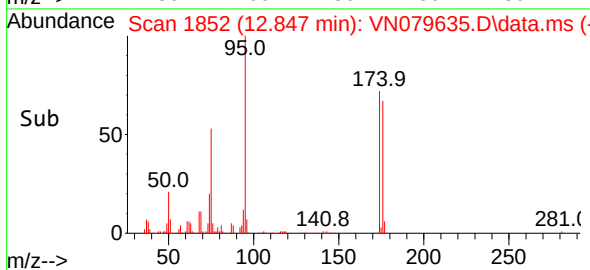
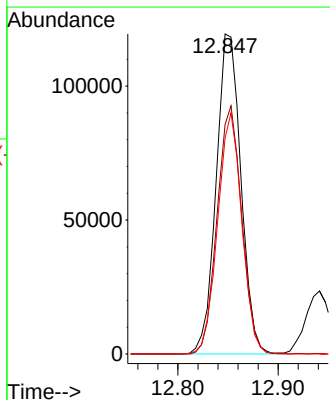
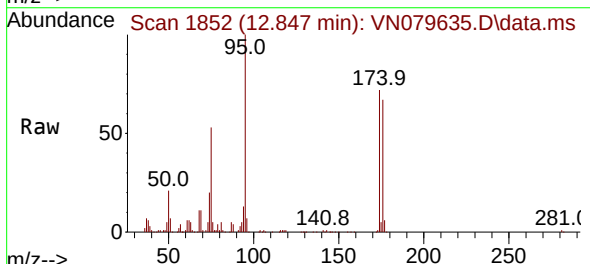
Manual Integrations
APPROVED

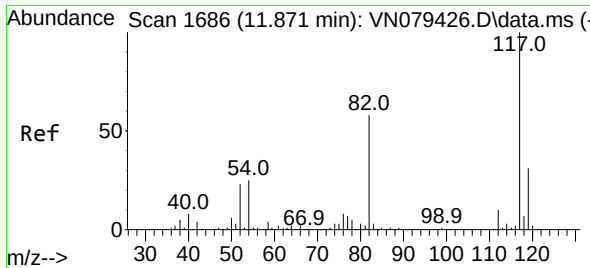
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#62
4-Bromofluorobenzene
Concen: 54.412 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

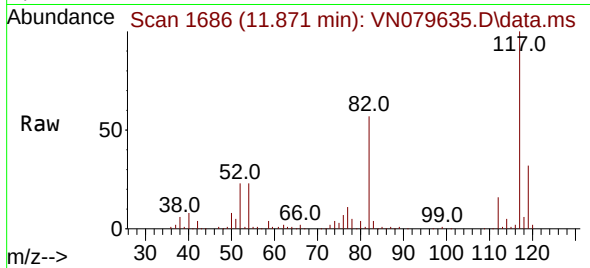
Tgt Ion: 95 Resp: 204202
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 73.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

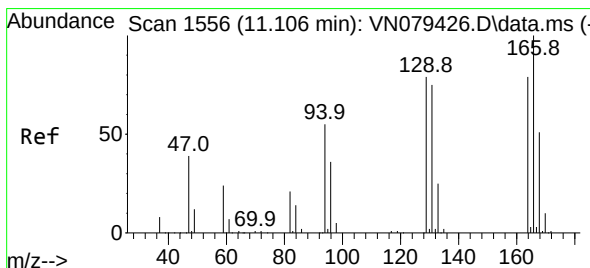
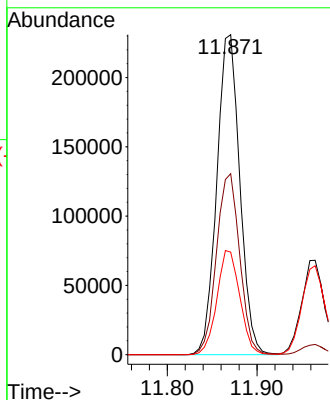
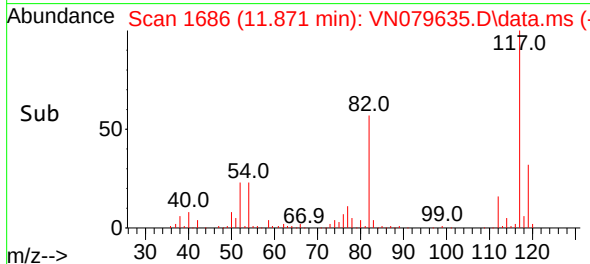
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 412239
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 32.0 25.6 38.4

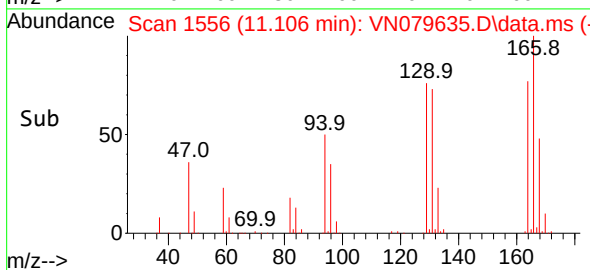
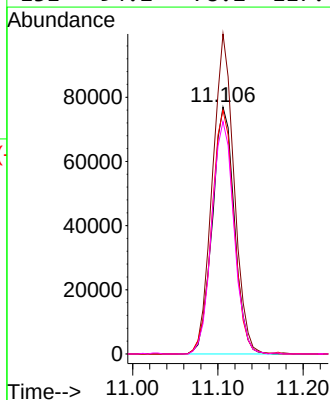
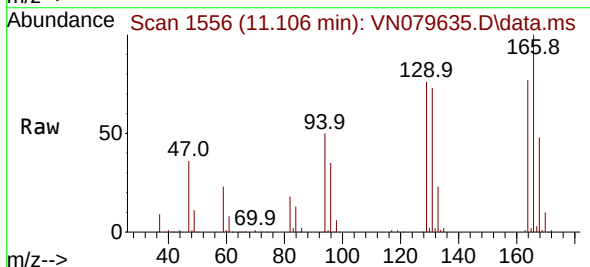
Manual Integrations
APPROVED

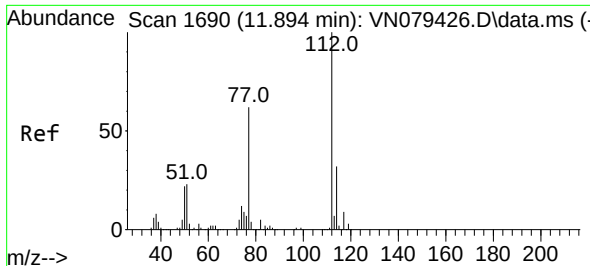
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#64
Tetrachloroethene
Concen: 48.567 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

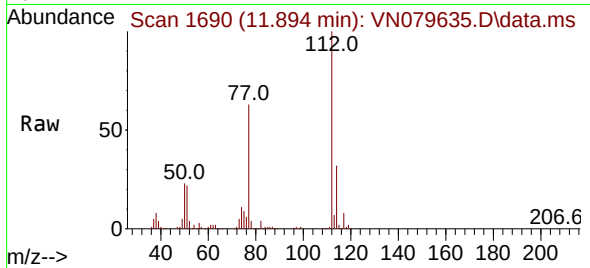
Tgt Ion:164 Resp: 137729
Ion Ratio Lower Upper
164 100
166 129.6 101.4 152.0
129 98.7 82.4 123.6
131 94.2 78.2 117.4





#65
Chlorobenzene
Concen: 49.396 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

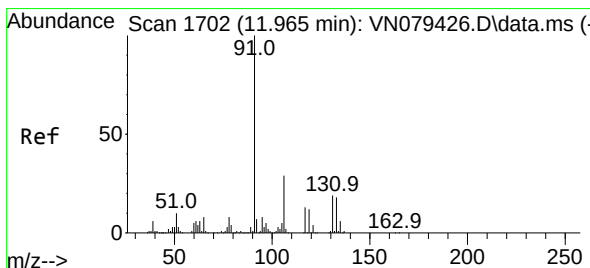
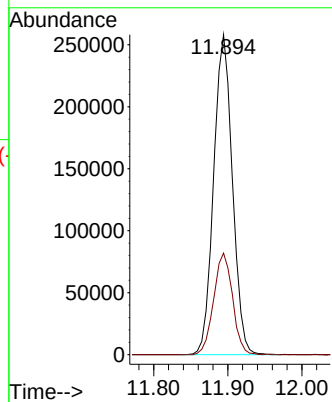
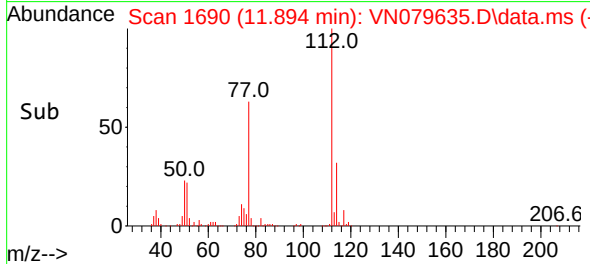
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



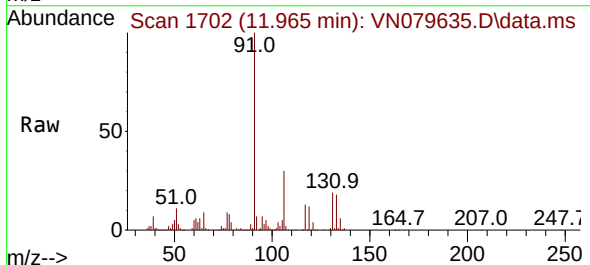
Tgt Ion:112 Resp: 45348
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

Manual Integrations
APPROVED

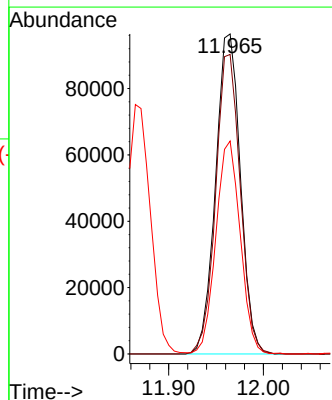
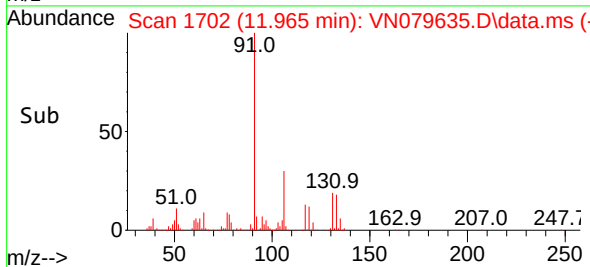
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

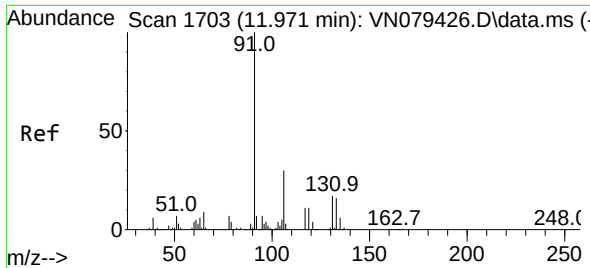


#66
1,1,1,2-Tetrachloroethane
Concen: 52.328 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28



Tgt Ion:131 Resp: 175898
Ion Ratio Lower Upper
131 100
133 92.7 46.4 139.1
119 65.4 34.1 102.2





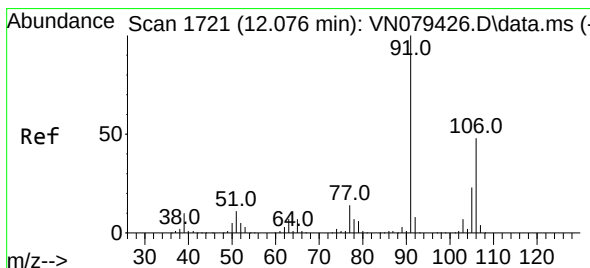
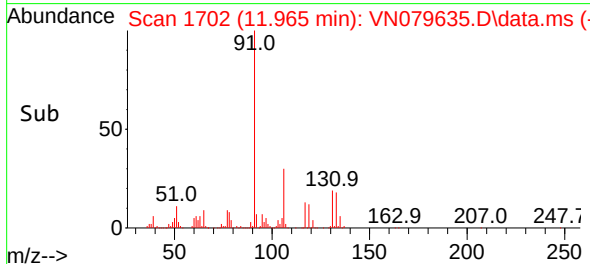
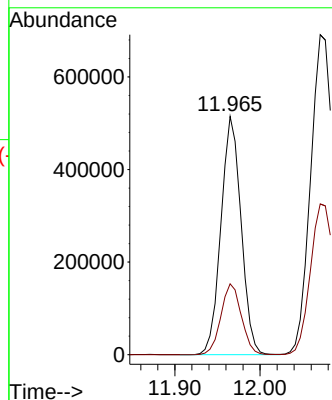
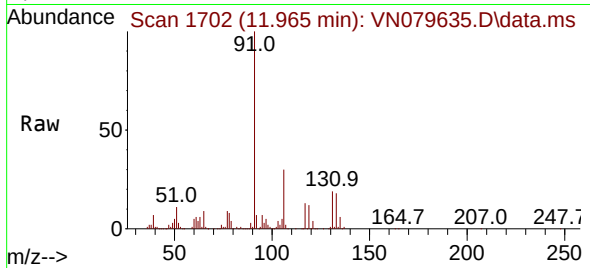
#67
Ethyl Benzene
Concen: 52.932 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 844632
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

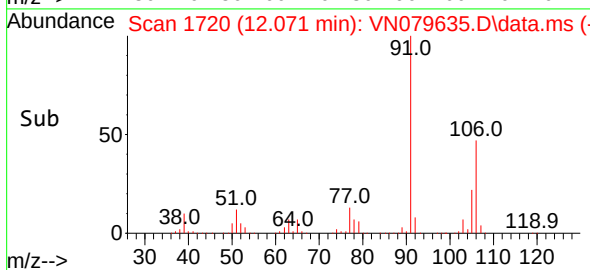
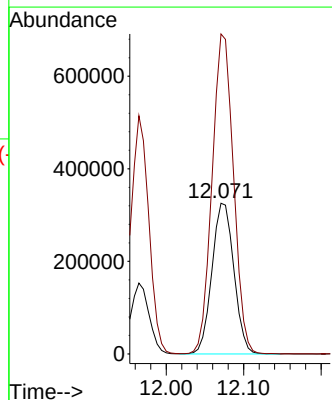
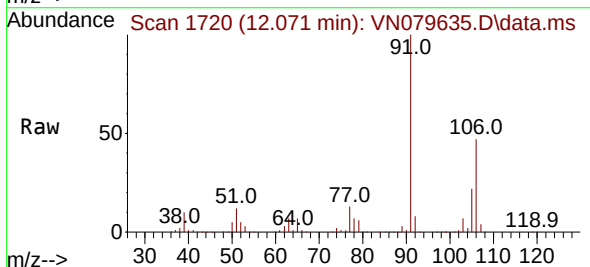
Manual Integrations
APPROVED

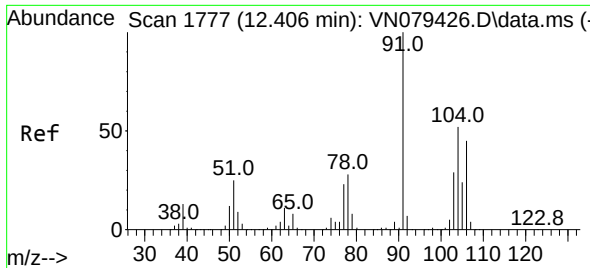
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#68
m/p-Xylenes
Concen: 110.464 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Tgt Ion:106 Resp: 640459
Ion Ratio Lower Upper
106 100
91 207.4 159.6 239.4





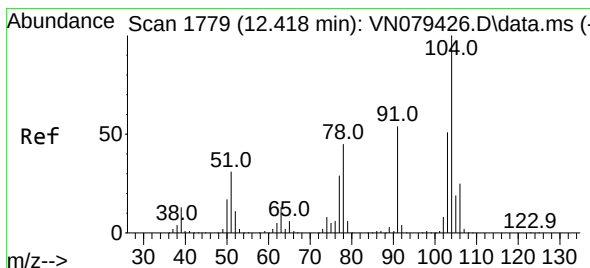
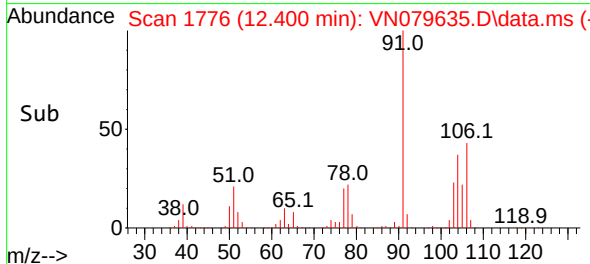
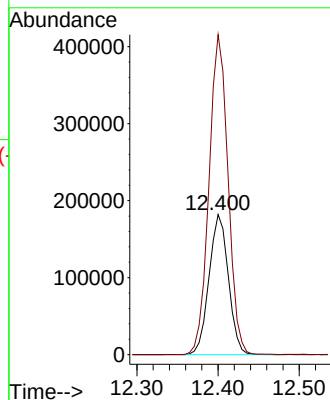
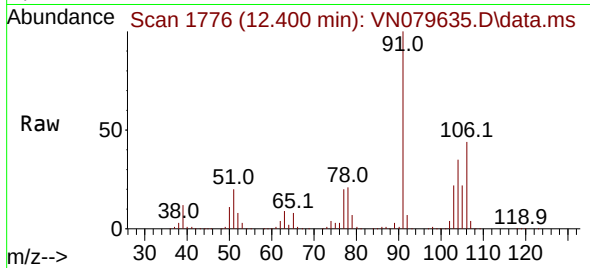
#69
o-Xylene
Concen: 52.689 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 300430
Ion Ratio Lower Upper
106 100
91 225.6 105.2 315.5

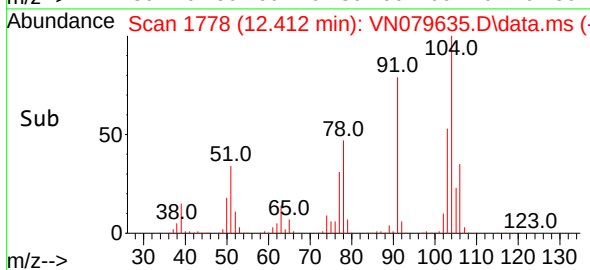
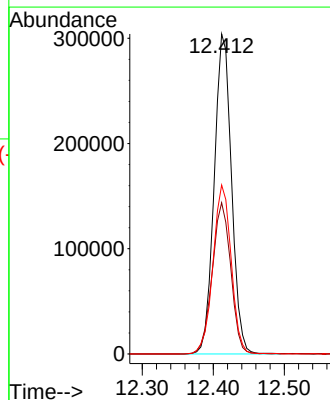
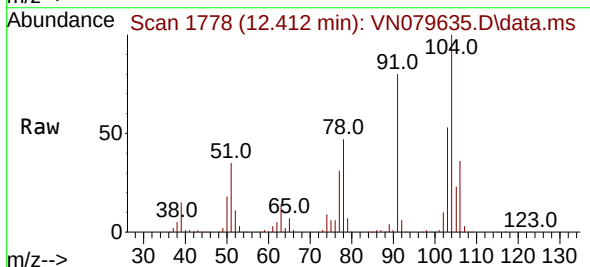
Manual Integrations
APPROVED

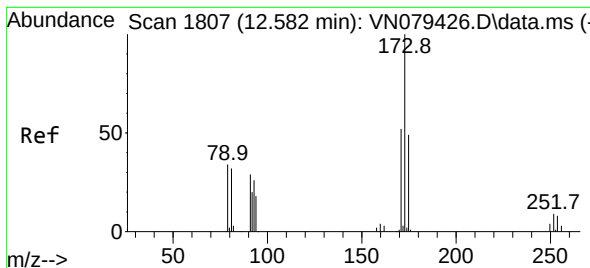
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#70
Styrene
Concen: 57.074 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Tgt Ion:104 Resp: 514032
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 55.5 43.2 64.8





#71

Bromoform

Concen: 50.138 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 123349

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

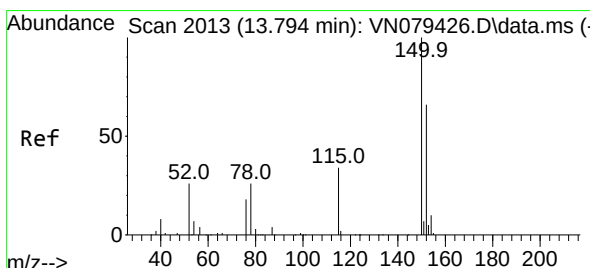
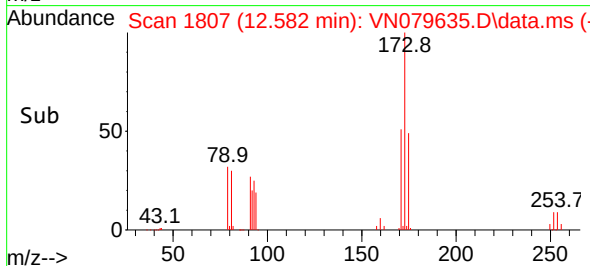
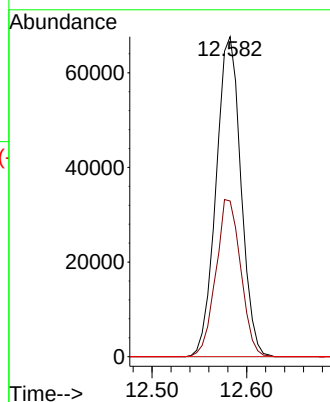
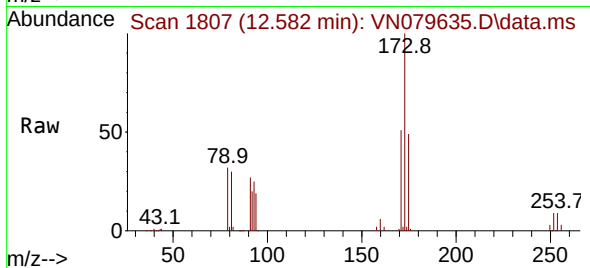
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

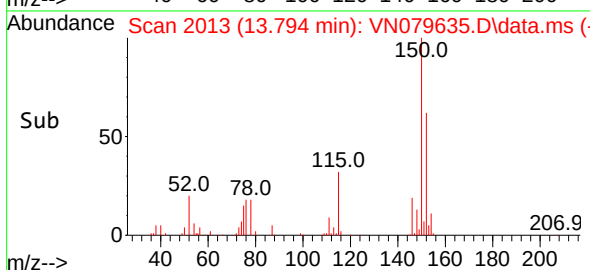
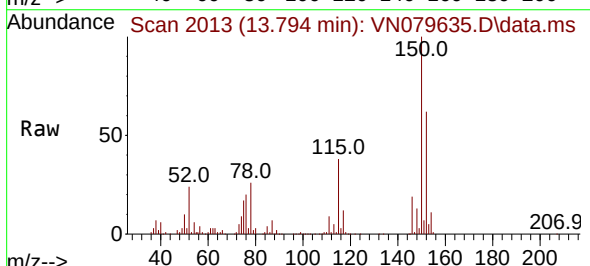
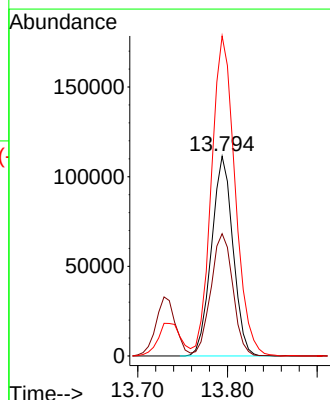
Tgt Ion:152 Resp: 185298

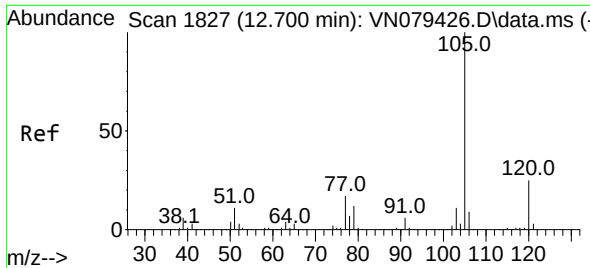
Ion Ratio Lower Upper

152 100

115 62.7 32.3 96.8

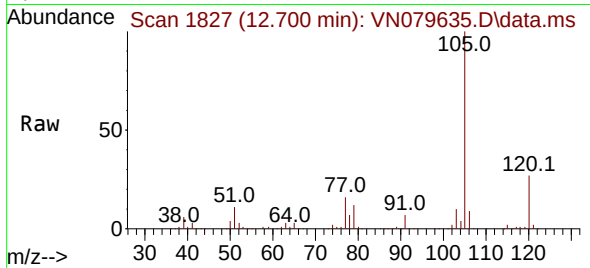
150 176.1 0.0 355.8





#73
Isopropylbenzene
Concen: 45.280 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

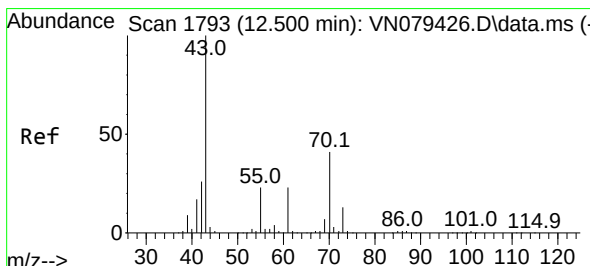
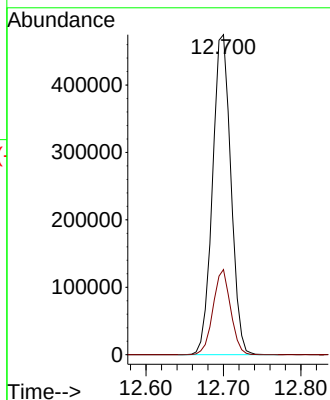
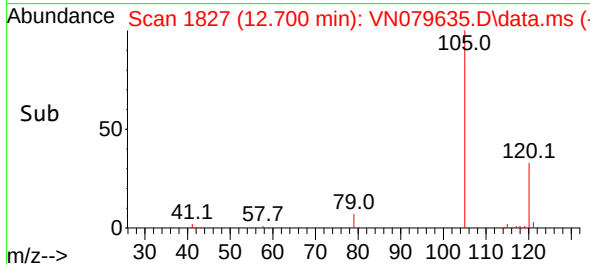
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



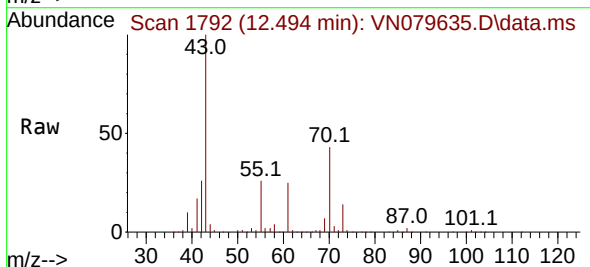
Tgt Ion:105 Resp: 78057
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

Manual Integrations
APPROVED

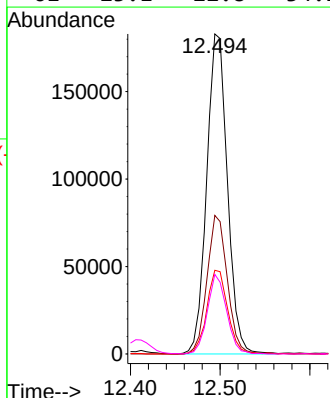
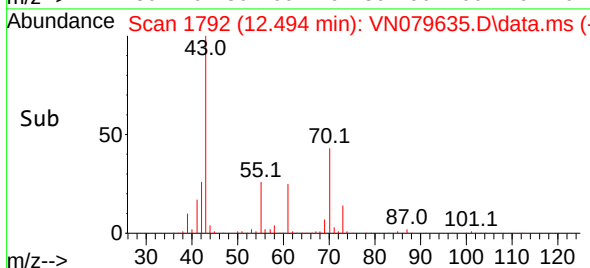
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

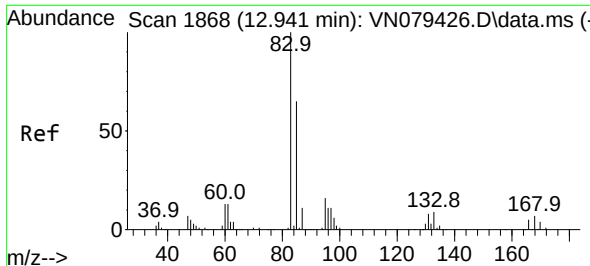


#74
N-ethyl acetate
Concen: 41.581 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28



Tgt Ion: 43 Resp: 293859
Ion Ratio Lower Upper
43 100
70 42.5 43.4 65.2#
55 26.4 21.4 32.0
61 23.1 22.8 34.2





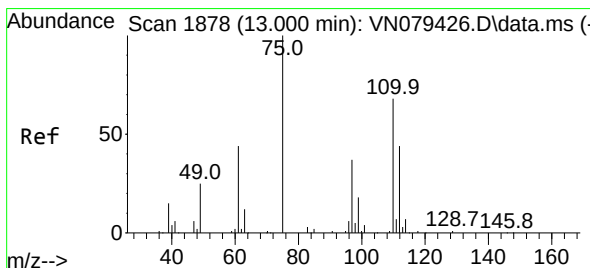
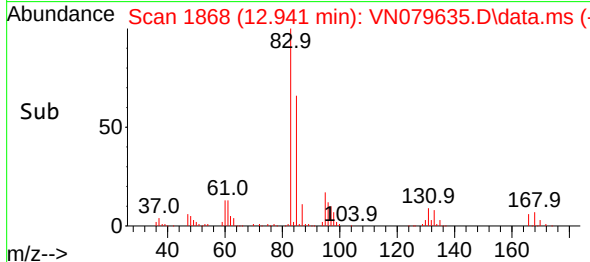
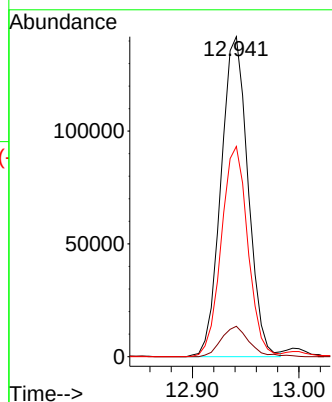
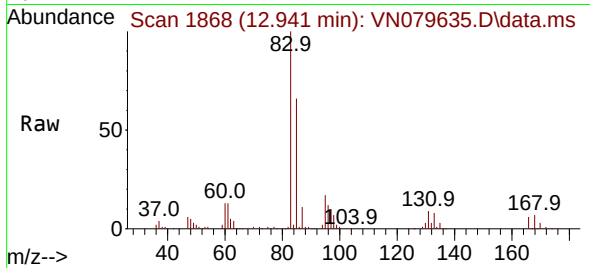
#75
1,1,2,2-Tetrachloroethane
Concen: 44.776 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 24984
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.5 31.9 95.7

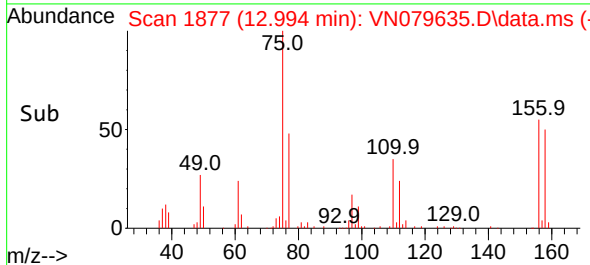
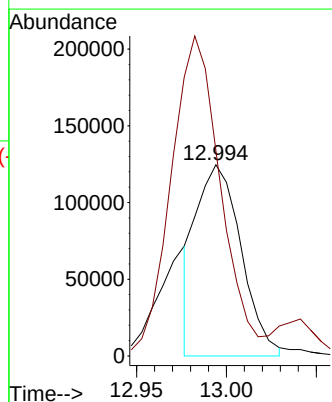
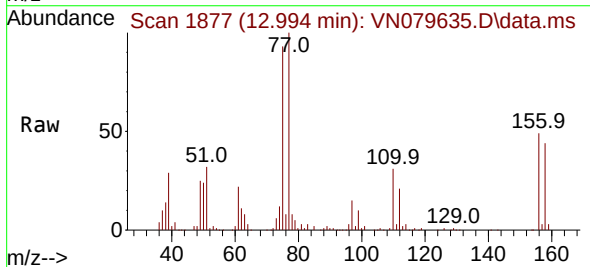
Manual Integrations
APPROVED

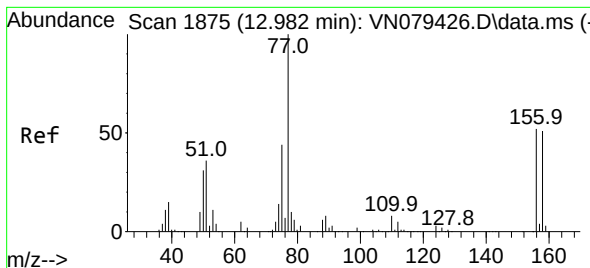
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#76
1,2,3-Trichloropropane
Concen: 40.457 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Tgt Ion: 75 Resp: 216147
Ion Ratio Lower Upper
75 100
77 184.1 84.5 253.5





#77

Bromobenzene

Concen: 43.895 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

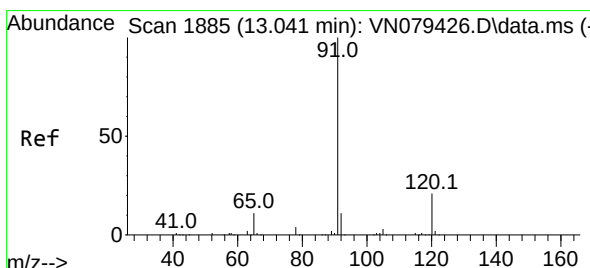
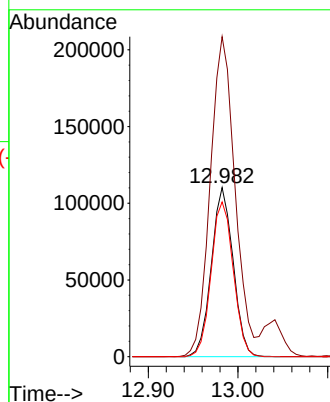
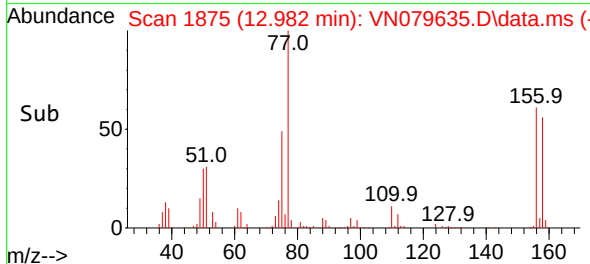
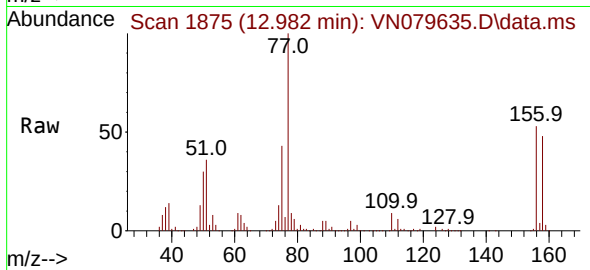
Tgt Ion:156 Resp: 185539
 Ion Ratio Lower Upper
 156 100
 77 214.4 107.7 323.3
 158 93.2 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#78

n-propylbenzene

Concen: 47.970 ug/l

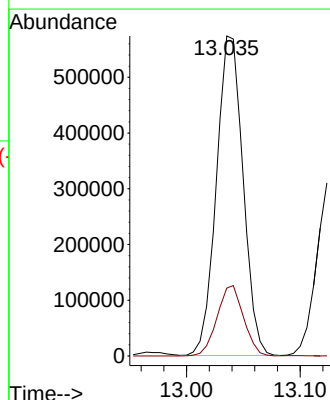
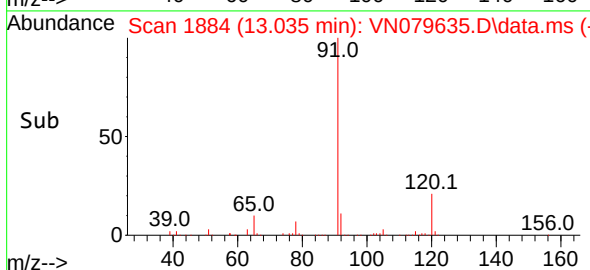
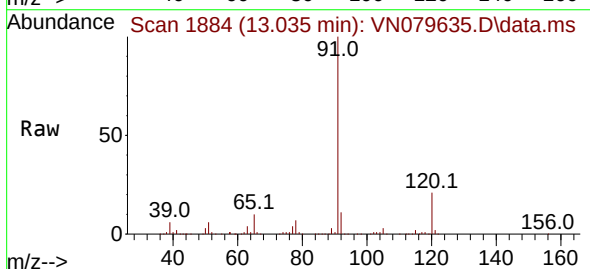
RT: 13.035 min Scan# 1884

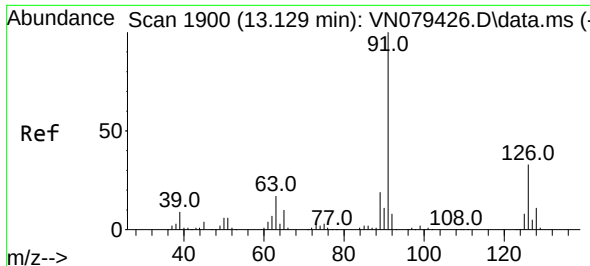
Delta R.T. -0.006 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Tgt Ion: 91 Resp: 935613
 Ion Ratio Lower Upper
 91 100
 120 21.8 11.5 34.4





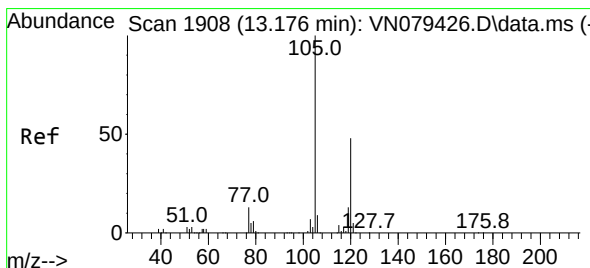
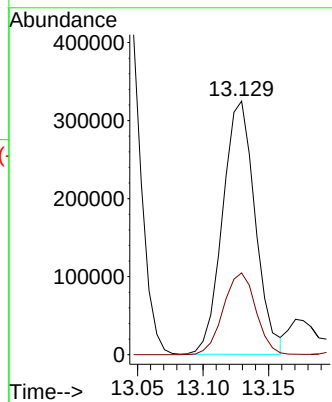
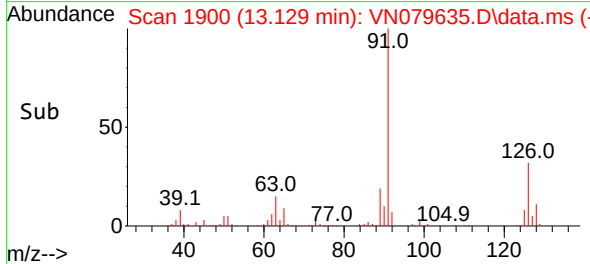
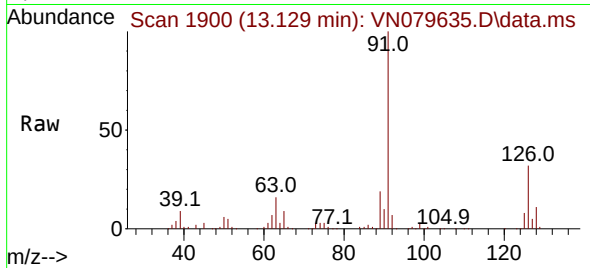
#79
2-Chlorotoluene
Concen: 44.931 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 560760
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

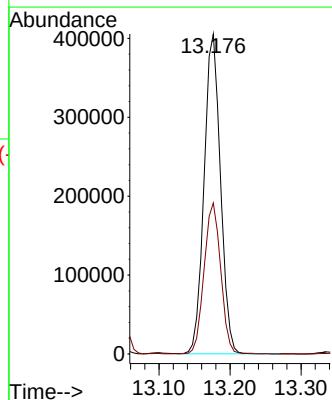
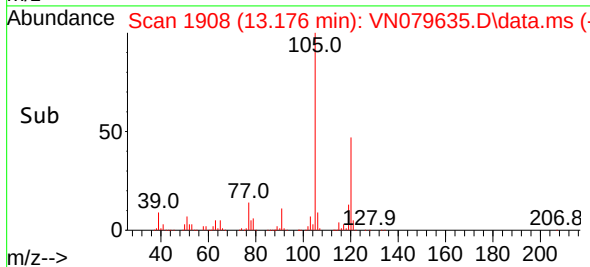
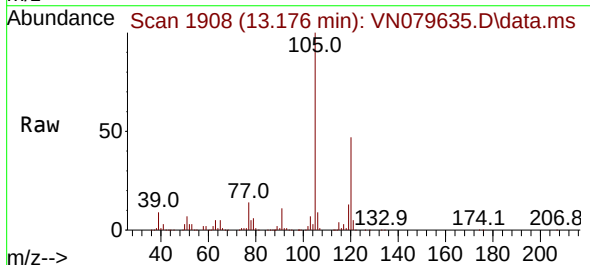
Manual Integrations
APPROVED

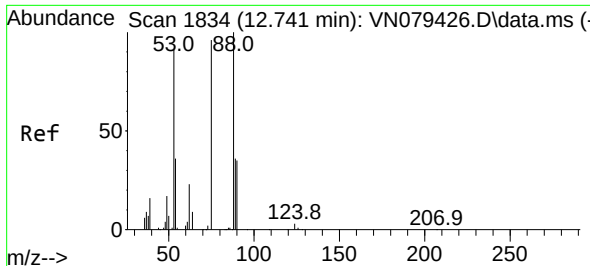
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.908 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

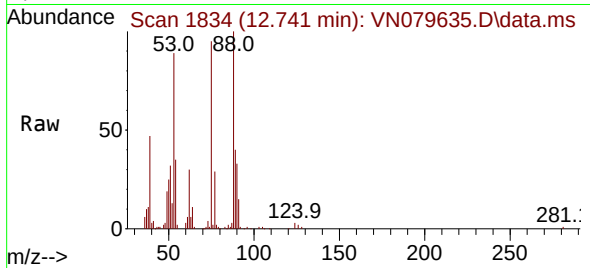
Tgt Ion:105 Resp: 651243
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 40.036 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

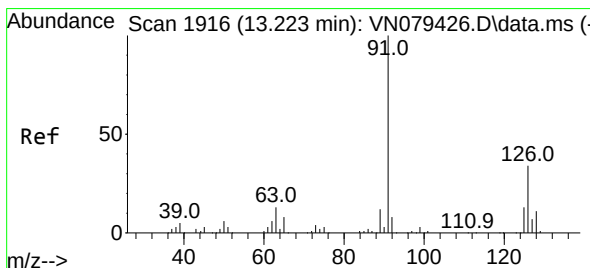
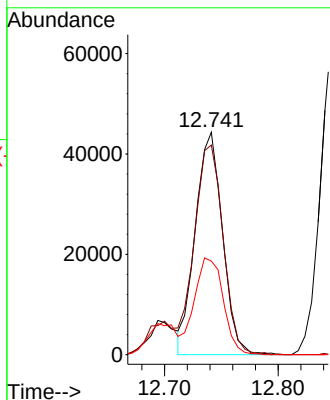
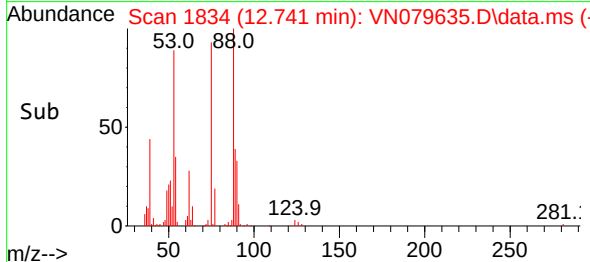
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 73719
Ion Ratio Lower Upper
75 100
53 102.1 67.4 101.2
89 46.5 38.8 58.2

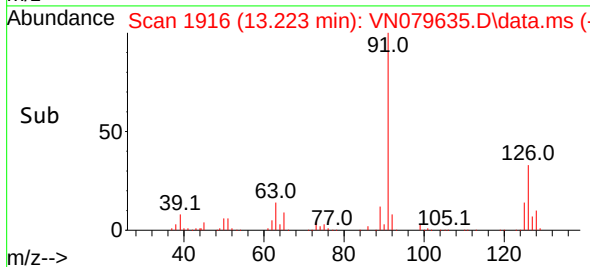
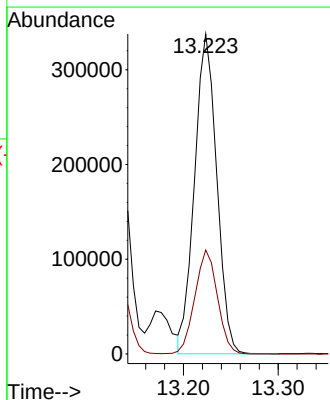
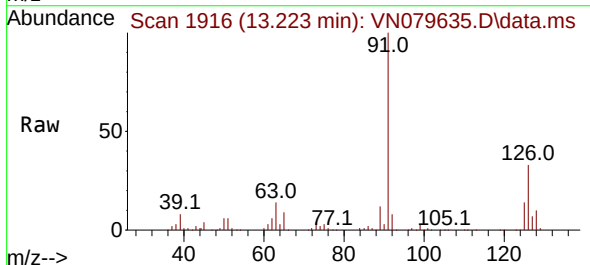
Manual Integrations
APPROVED

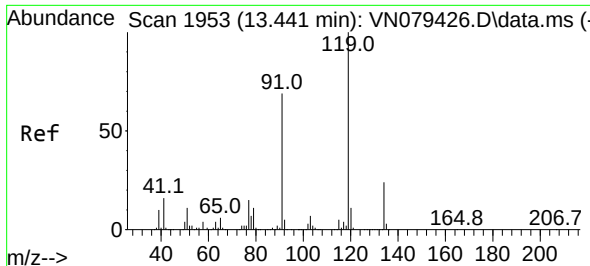
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#82
4-Chlorotoluene
Concen: 46.288 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

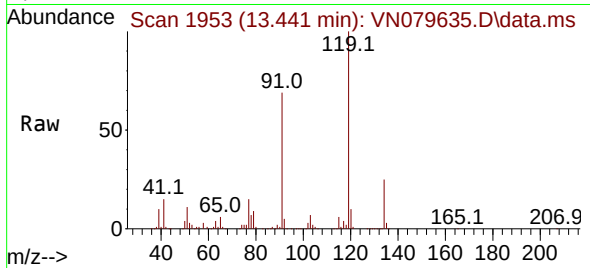
Tgt Ion: 91 Resp: 549727
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 46.919 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

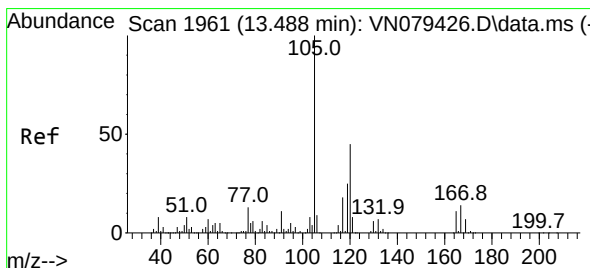
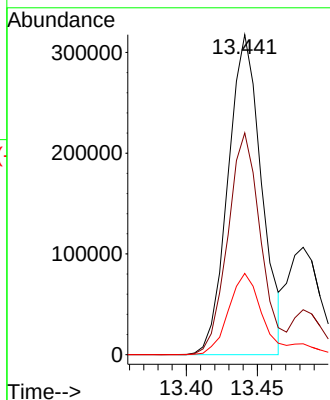
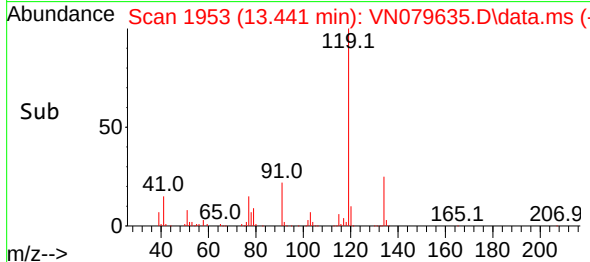
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



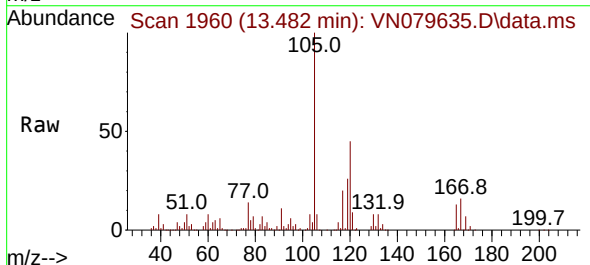
Tgt Ion:119 Resp: 522552
Ion Ratio Lower Upper
119 100
91 68.6 33.9 101.7
134 27.5 13.2 39.6

Manual Integrations
APPROVED

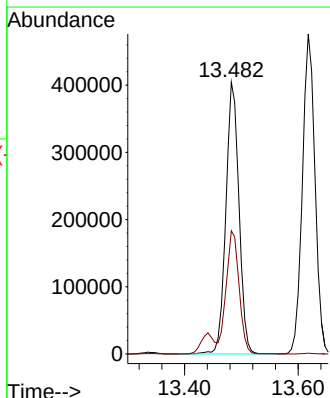
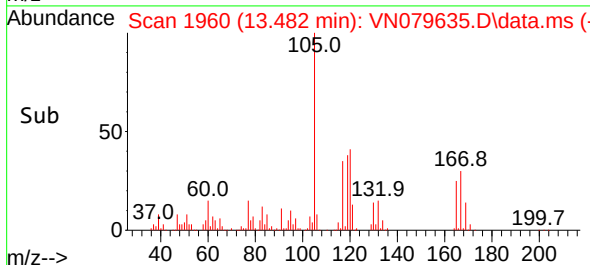
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

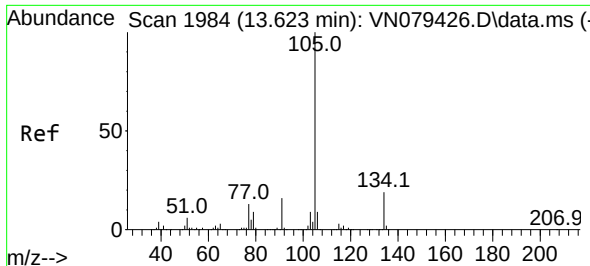


#84
1,2,4-Trimethylbenzene
Concen: 50.067 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28



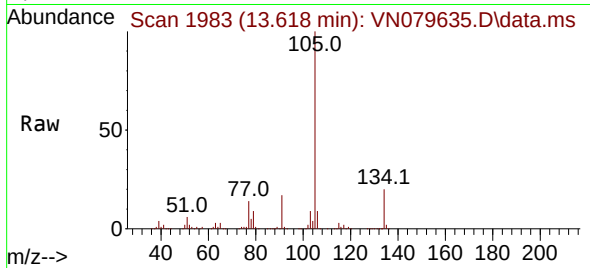
Tgt Ion:105 Resp: 649518
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 47.305 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079635.D
 Acq: 23 Oct 2023 09:28

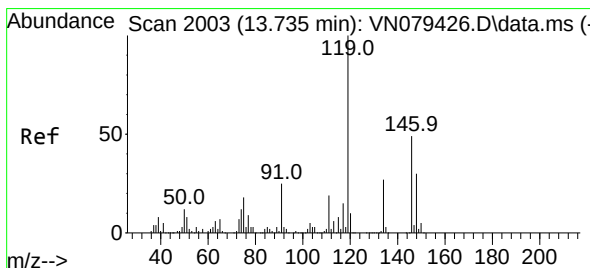
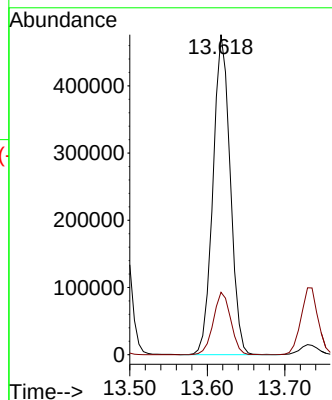
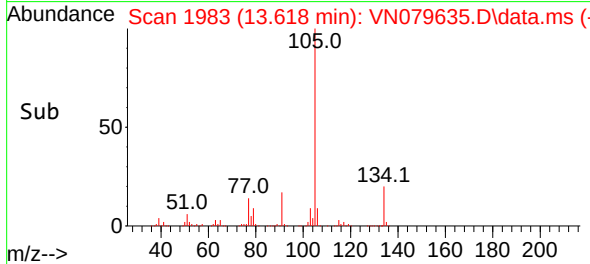
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 734869
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

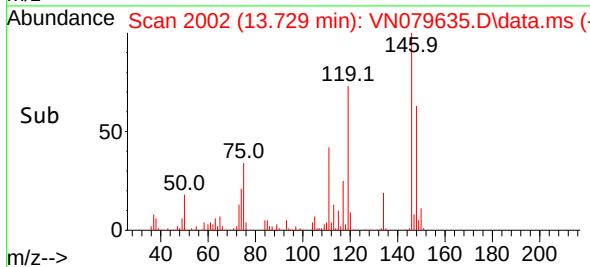
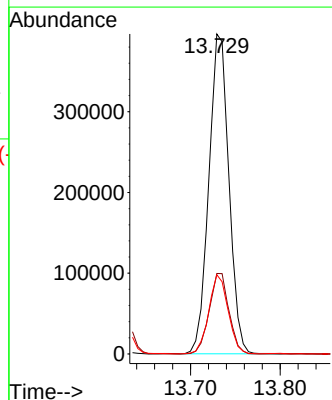
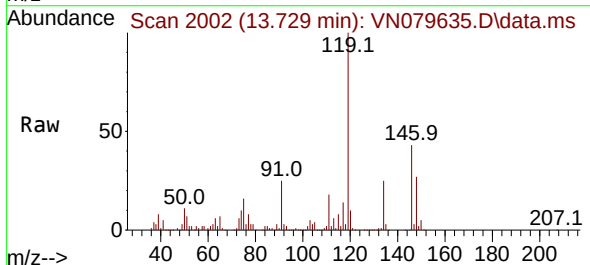
Manual Integrations
 APPROVED

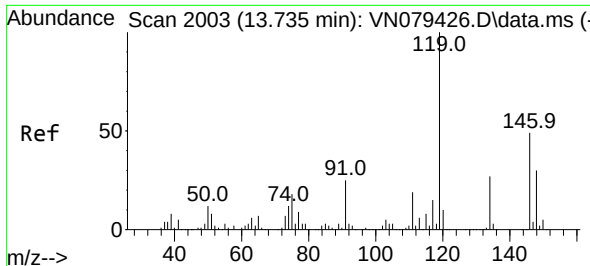
Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#86
 p-Isopropyltoluene
 Concen: 51.542 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079635.D
 Acq: 23 Oct 2023 09:28

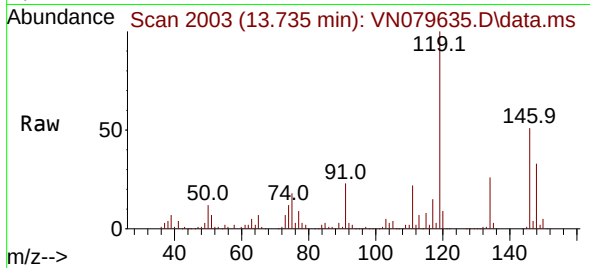
Tgt Ion:119 Resp: 614253
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 23.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.896 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

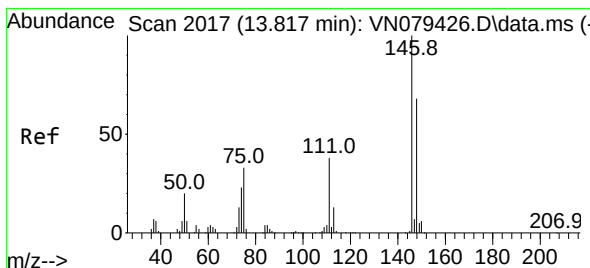
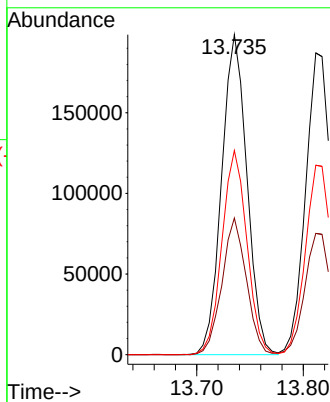
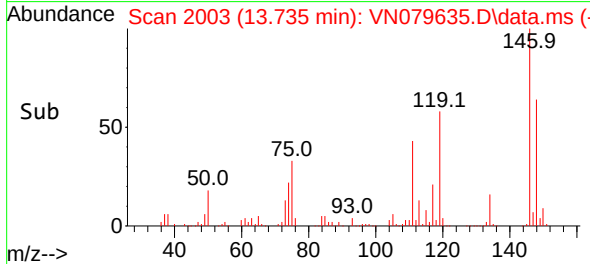
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



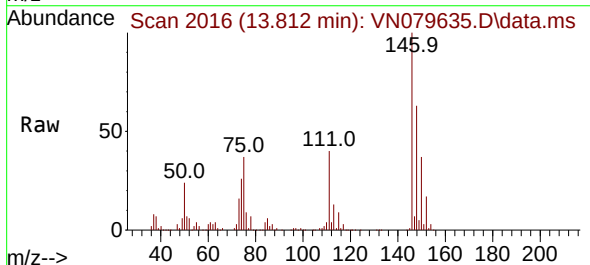
Tgt Ion:146 Resp: 32780
Ion Ratio Lower Upper
146 100
111 41.1 22.1 66.3
148 62.9 32.0 96.0

Manual Integrations
APPROVED

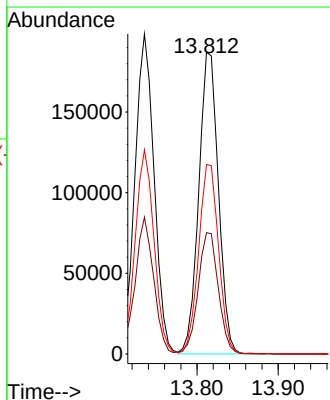
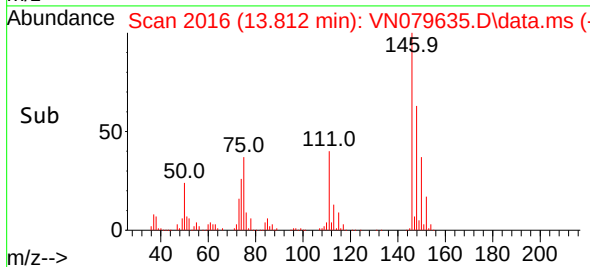
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

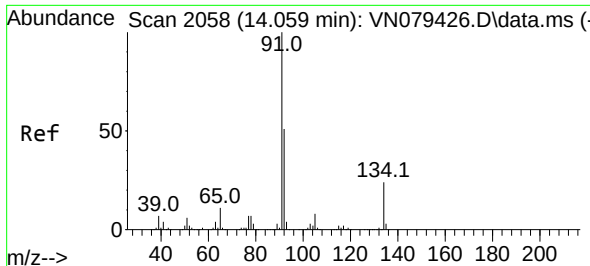


#88
1,4-Dichlorobenzene
Concen: 45.460 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28



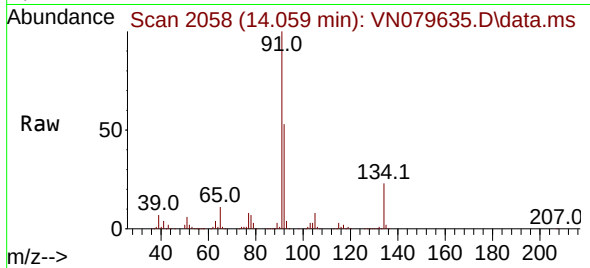
Tgt Ion:146 Resp: 314696
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 63.8 31.6 94.8





#89
n-Butylbenzene
Concen: 52.170 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

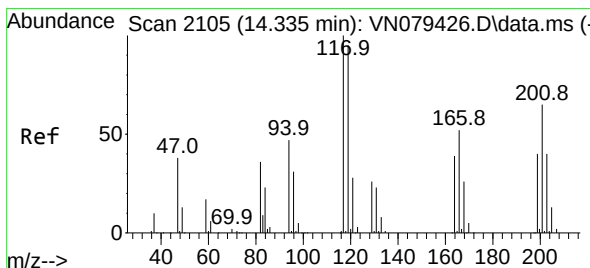
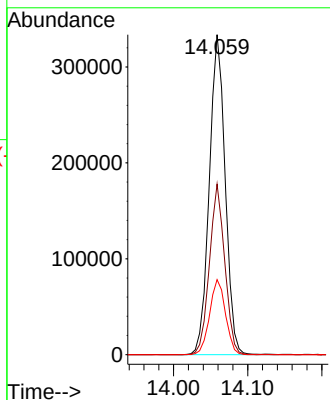
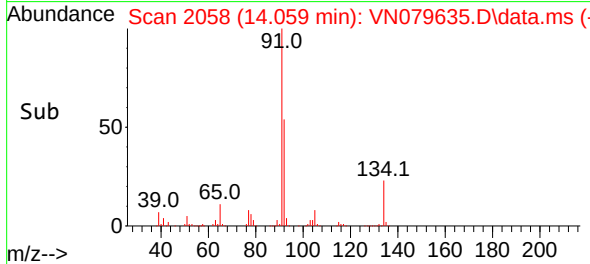
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 496489
Ion Ratio Lower Upper
91 100
92 51.3 26.4 79.0
134 23.4 12.6 37.6

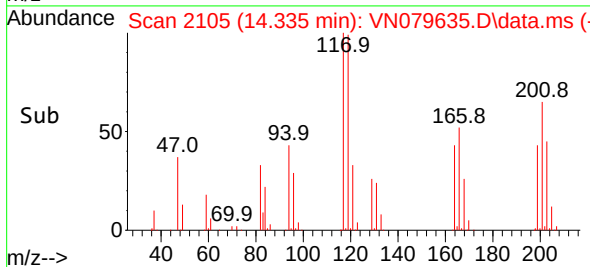
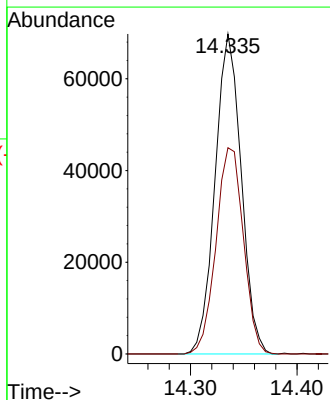
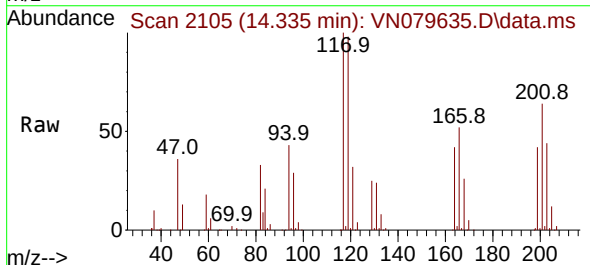
Manual Integrations
APPROVED

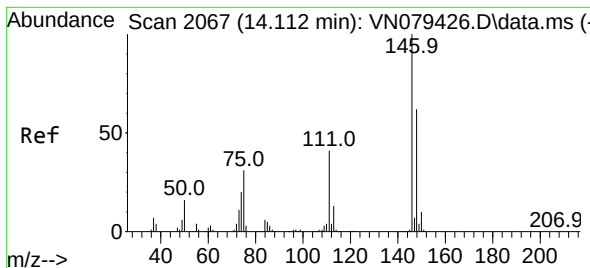
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#90
Hexachloroethane
Concen: 49.132 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079635.D
Acq: 23 Oct 2023 09:28

Tgt Ion:117 Resp: 118915
Ion Ratio Lower Upper
117 100
201 67.5 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 47.549 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 310949

Ion Ratio Lower Upper

146 100

111 42.5 22.0 66.0

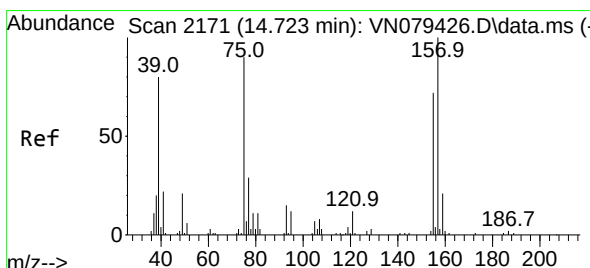
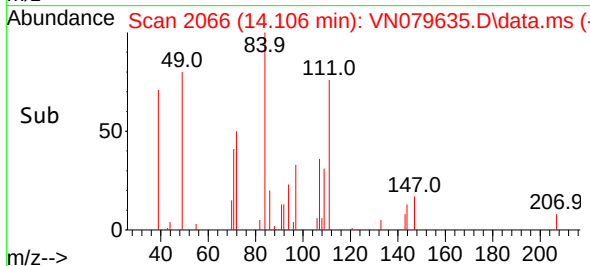
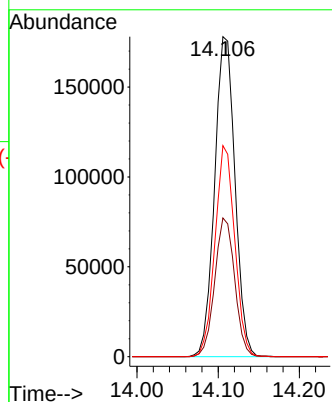
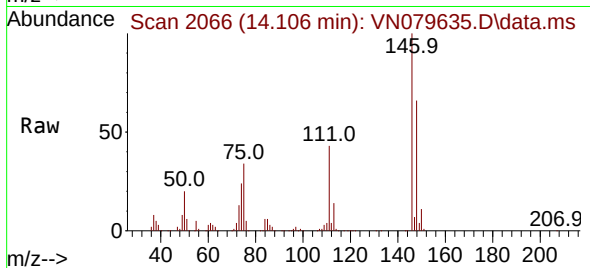
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 37.913 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

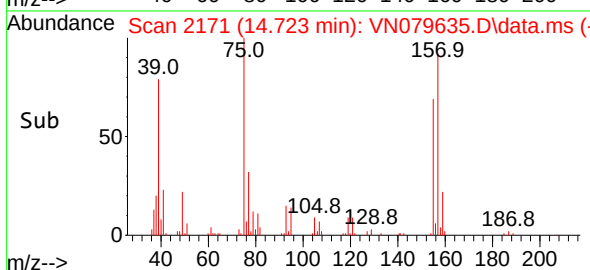
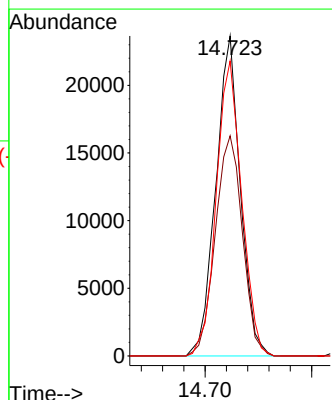
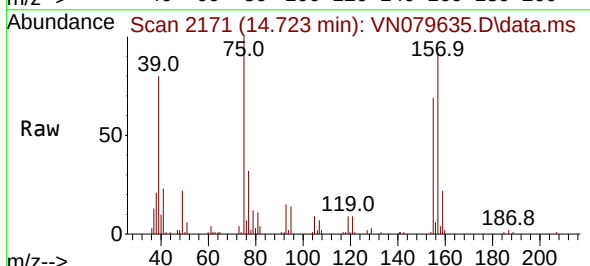
Tgt Ion: 75 Resp: 37792

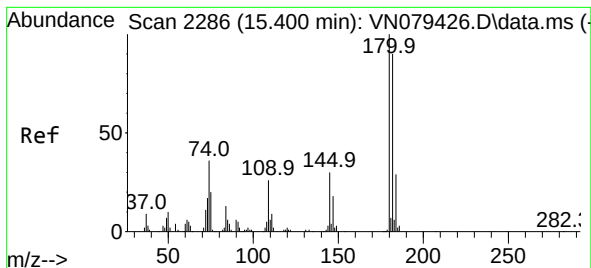
Ion Ratio Lower Upper

75 100

155 76.0 39.1 117.2

157 95.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 50.300 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

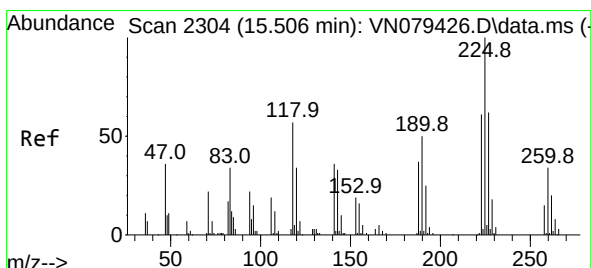
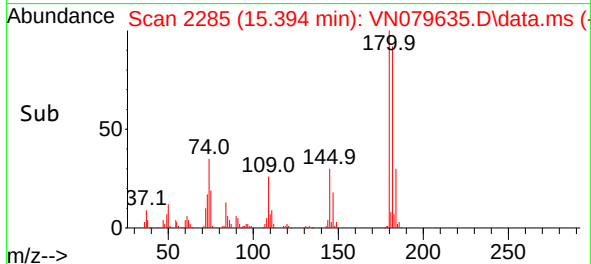
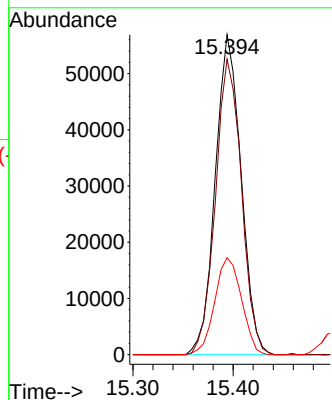
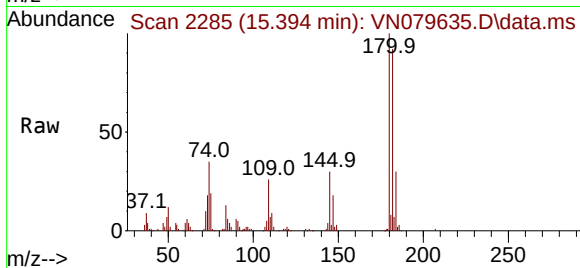
Tgt Ion:	180	Resp:	10187
Ion Ratio	Lower	Upper	
180	100		
182	92.8	46.1	138.2
145	31.4	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#94

Hexachlorobutadiene

Concen: 44.209 ug/l

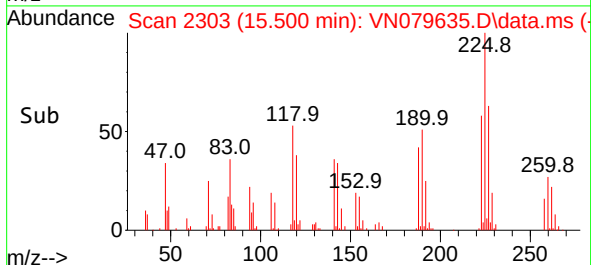
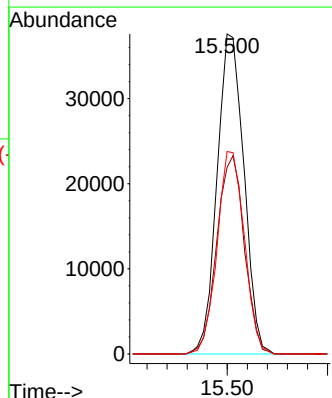
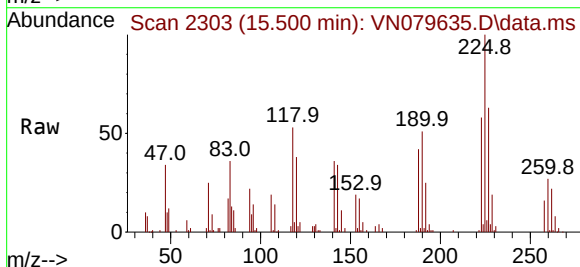
RT: 15.500 min Scan# 2303

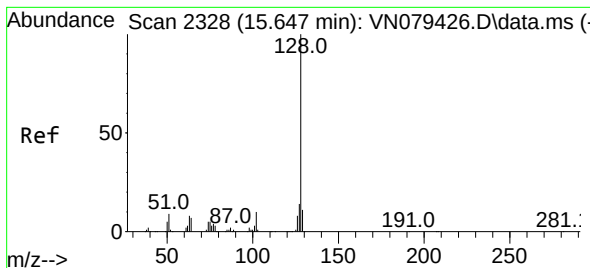
Delta R.T. -0.006 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Tgt Ion:	225	Resp:	69737
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.3	93.8
227	64.1	31.9	95.9





#95

Naphthalene

Concen: 40.422 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 250004

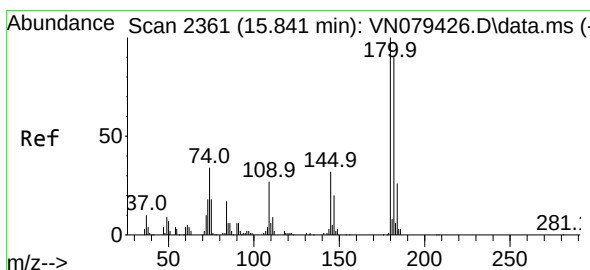
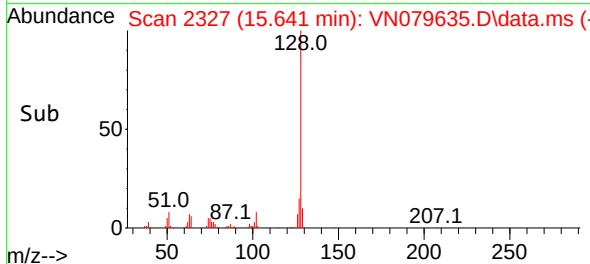
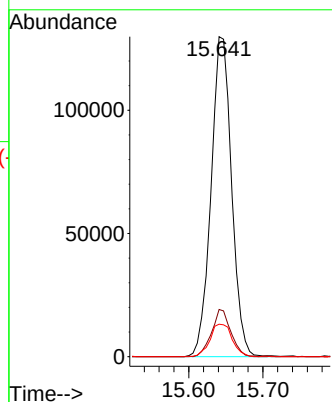
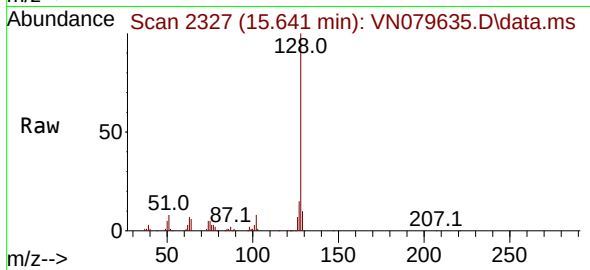
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.0	15.0
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#96

1,2,3-Trichlorobenzene

Concen: 42.912 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079635.D

Acq: 23 Oct 2023 09:28

Tgt Ion:180 Resp: 103717

Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.2	138.6
145	33.5	17.5	52.6

