

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
 Data File : VN077478.D
 Acq On : 25 Apr 2023 18:45
 Operator : JC\MD
 Sample : 02460-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Apr 26 04:23:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	564230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1092605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	1022105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	456749	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	364574	49.517	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.040%
35) Dibromofluoromethane	8.172	113	323380	49.243	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.480%
50) Toluene-d8	10.566	98	1393330	55.360	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.720%
62) 4-Bromofluorobenzene	12.848	95	505665	61.408	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.820%

Target Compounds				Qvalue		
3) Chloromethane	2.378	50	1429	0.253	ug/l #	81
6) Chloroethane	3.037	64	2573	0.449	ug/l #	43
11) Tert butyl alcohol	5.537	59	238	0.201	ug/l #	72
13) Acrolein	4.154	56	17227	14.651	ug/l #	1
14) Allyl chloride	5.143	41	52858	7.551	ug/l #	70
15) Acrylonitrile	5.819	53	187385	69.885	ug/l #	40
16) Acetone	4.443	43	646143	275.855	ug/l #	53
18) Methyl Acetate	5.296	43	2263793	250.271	ug/l #	42
20) Methylene Chloride	5.143	84	11124	1.498	ug/l #	19
23) Vinyl Acetate	6.666	43	22260	2.218	ug/l #	70
25) 2-Butanone	7.507	43	59572	17.931	ug/l #	59
26) 2,2-Dichloropropane	7.337	77	37242	3.377	ug/l #	53
29) Tetrahydrofuran	7.837	42	3549	1.705	ug/l #	20
30) Chloroform	7.942	83	155933	12.166	ug/l #	16
31) Cyclohexane	8.260	56	1564834	150.035	ug/l #	88
36) 1,1-Dichloropropene	8.231	75	49421	5.209	ug/l #	48
37) Ethyl Acetate	7.507	43	59572	8.263	ug/l #	63
38) Carbon Tetrachloride	8.231	117	66444	6.347	ug/l #	15
39) Methylcyclohexane	9.607	83	2108643	168.692	ug/l	99
40) Benzene	8.613	78	84281	2.916	ug/l #	88
41) Methacrylonitrile	7.737	41	9383	2.499	ug/l #	28
43) Isopropyl Acetate	8.707	43	219594	17.607	ug/l #	49
45) 1,2-Dichloropropane	9.601	63	27154	4.011	ug/l #	1
46) Dibromomethane	9.736	93	1223	0.223	ug/l #	1
47) Bromodichloromethane	9.878	83	81631	7.682	ug/l #	30
48) Methyl methacrylate	9.731	41	47980	8.451	ug/l #	3
51) 4-Methyl-2-Pentanone	10.501	43	44156	6.036	ug/l #	68
52) Toluene	10.630	92	41338	2.183	ug/l	90
55) 1,1,2-Trichloroethane	11.007	97	286520	37.631	ug/l #	23
56) Ethyl methacrylate	10.919	69	50431	4.727	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.160	63	5079	1.407	ug/l #	42
59) 2-Hexanone	11.178	43	28350	5.331	ug/l #	19
61) 1,2-Dibromoethane	11.436	107	5115	0.658	ug/l #	1
67) Ethyl Benzene	11.966	91	2194088	57.626	ug/l	99
68) m/p-Xylenes	12.072	106	617971	41.761	ug/l	99
69) o-Xylene	12.401	106	30804	2.116	ug/l	89

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

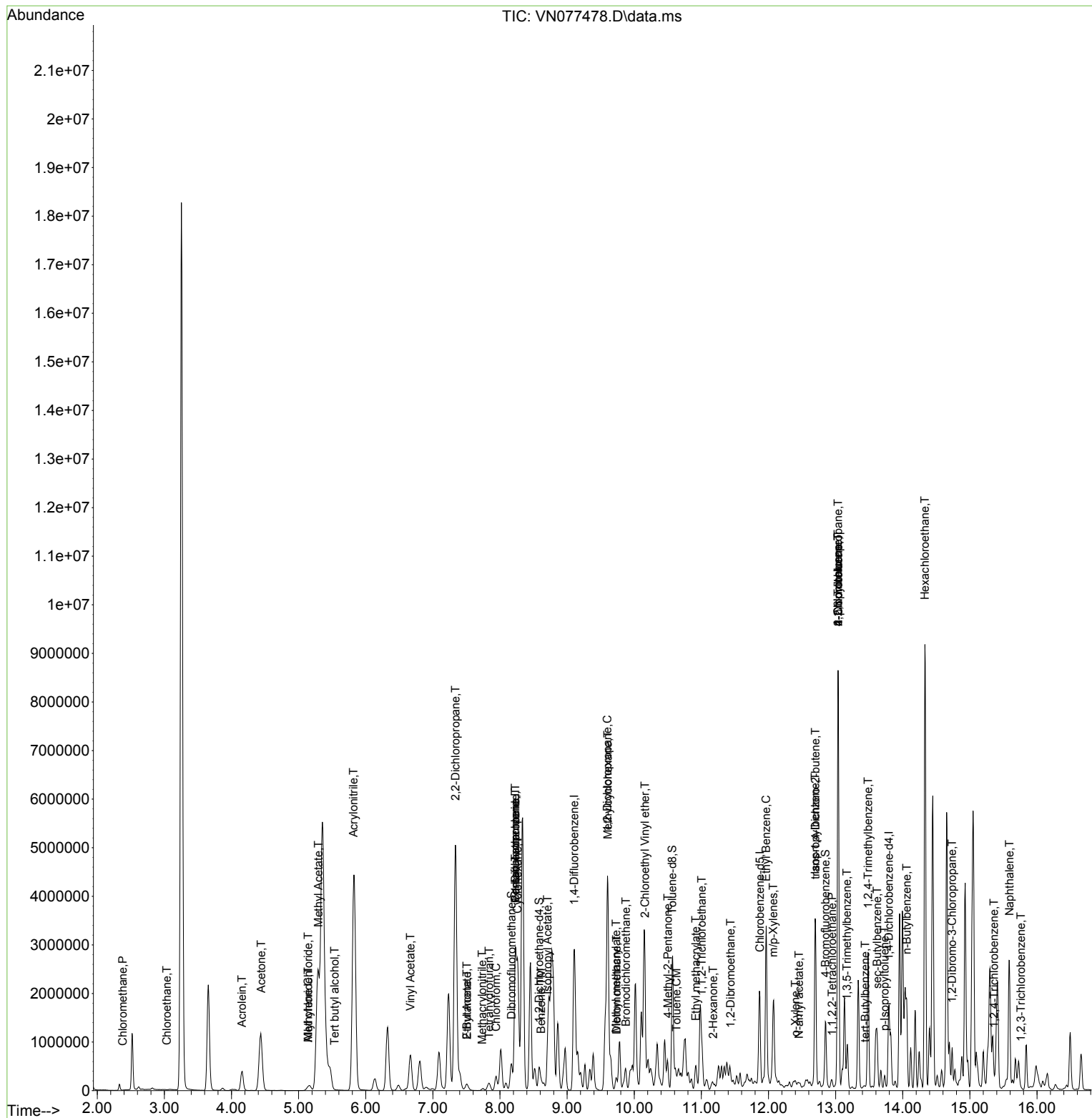
73) Isopropylbenzene	12.695	105	2495210	58.871	ug/l	100
74) N-amyl acetate	12.454	43	4626	0.369	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.948	83	12822	0.963	ug/l #	26
76) 1,2,3-Trichloropropane	13.036	75	44978	4.235	ug/l #	1
78) n-propylbenzene	13.036	91	7099034	151.481	ug/l	100
79) 2-Chlorotoluene	13.036	91	7099034	245.690	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.172	105	454487	14.439	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.701	75	29837	7.936	ug/l #	57
82) 4-Chlorotoluene	13.036	91	7099034	262.928	ug/l #	41
83) tert-Butylbenzene	13.442	119	13074	0.428	ug/l #	25
84) 1,2,4-Trimethylbenzene	13.483	105	1636128	55.658	ug/l	98
85) sec-Butylbenzene	13.619	105	728884	17.373	ug/l #	55
86) p-Isopropyltoluene	13.730	119	150871	4.674	ug/l	98
89) n-Butylbenzene	14.060	91	1154699	46.221	ug/l #	79
90) Hexachloroethane	14.330	117	484437	67.926	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.736	75	1587	0.644	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.360	180	1249	1.174	ug/l #	79
95) Naphthalene	15.589	128	2327141	88.137	ug/l	100
96) 1,2,3-Trichlorobenzene	15.760	180	937	0.783	ug/l #	73

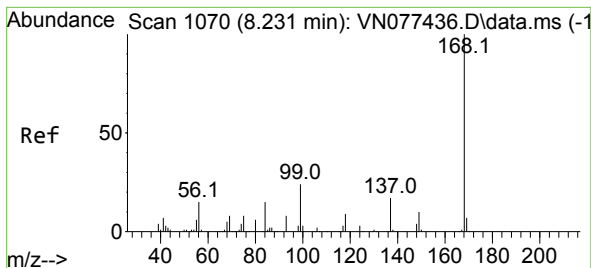
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

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ClientSampleId :

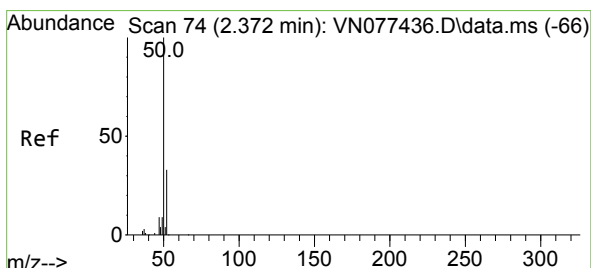
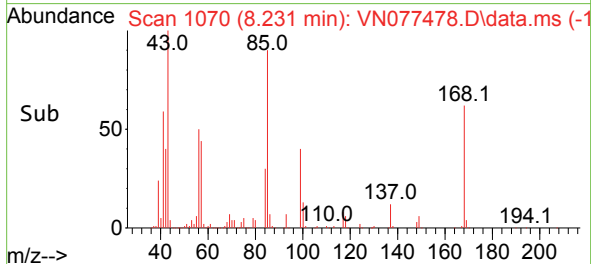
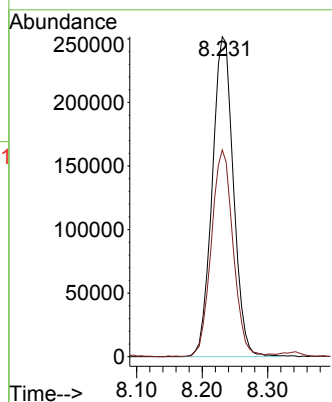
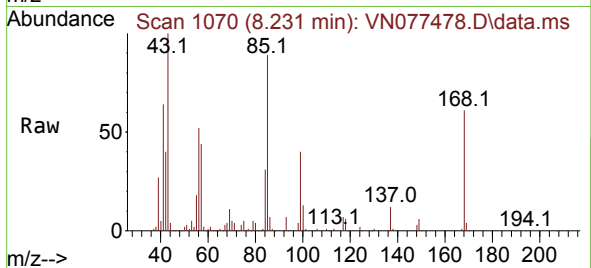
MW-4

Tgt Ion:168 Resp: 564230

Ion Ratio Lower Upper

168 100

99 64.5 53.0 79.6



#3

Chloromethane

Concen: 0.253 ug/l

RT: 2.378 min Scan# 75

Delta R.T. 0.006 min

Lab File: VN077478.D

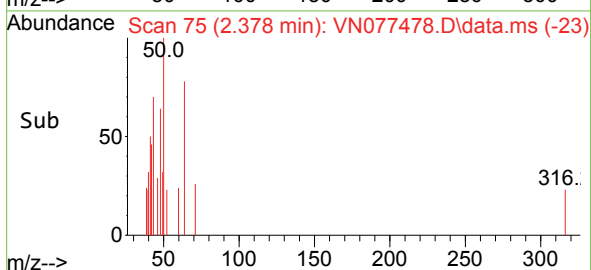
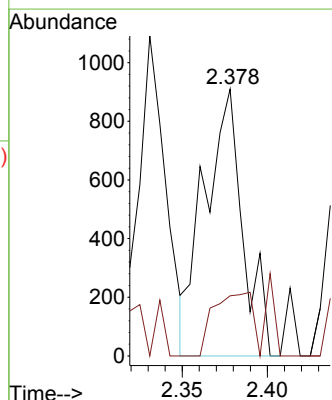
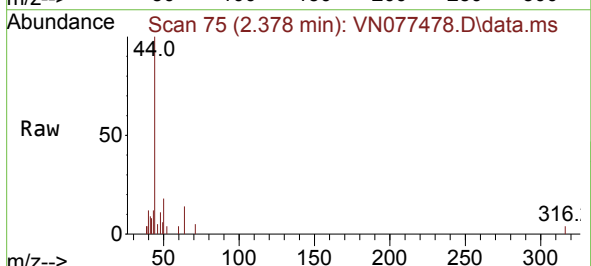
Acq: 25 Apr 2023 18:45

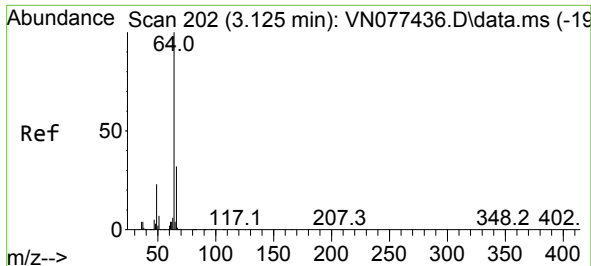
Tgt Ion: 50 Resp: 1429

Ion Ratio Lower Upper

50 100

52 22.5 26.5 39.7#

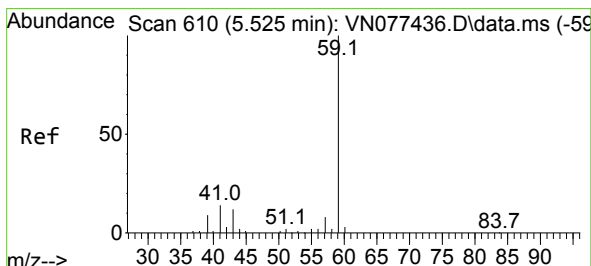
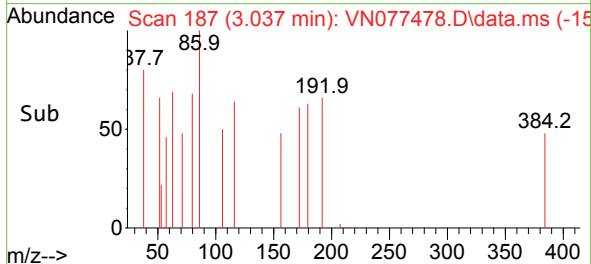
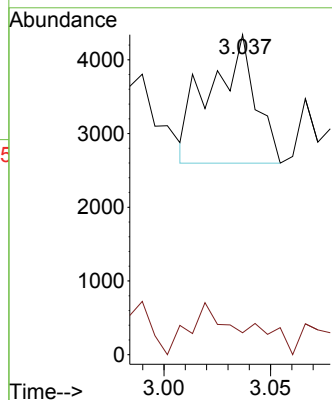
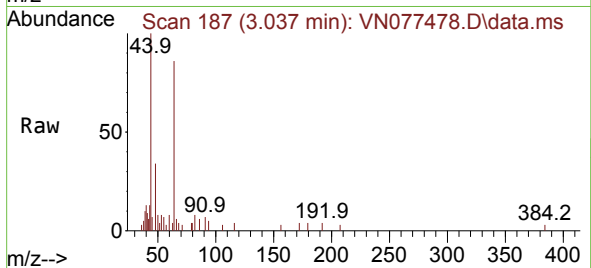




#6
Chloroethane
Concen: 0.449 ug/l
RT: 3.037 min Scan# 11
Delta R.T. -0.088 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

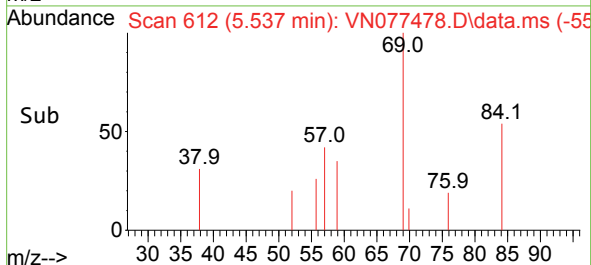
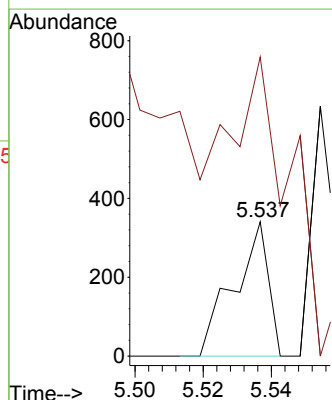
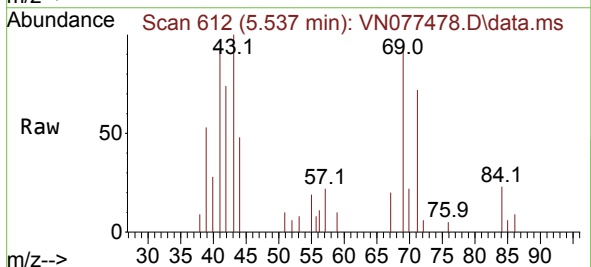
Instrument :
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MW-4

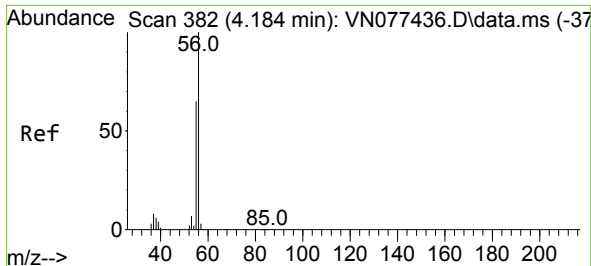
Tgt Ion: 64 Resp: 2573
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 0.201 ug/l
RT: 5.537 min Scan# 612
Delta R.T. 0.012 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 59 Resp: 238
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 14.651 ug/l

RT: 4.154 min Scan# 31

Delta R.T. -0.029 min

Lab File: VN077478.D

Acq: 25 Apr 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

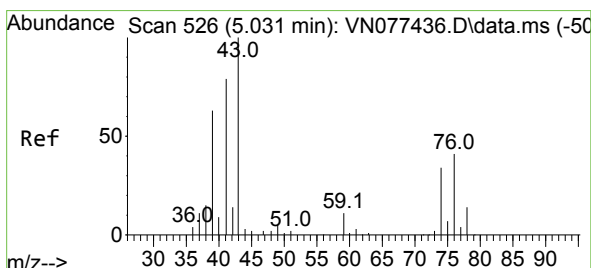
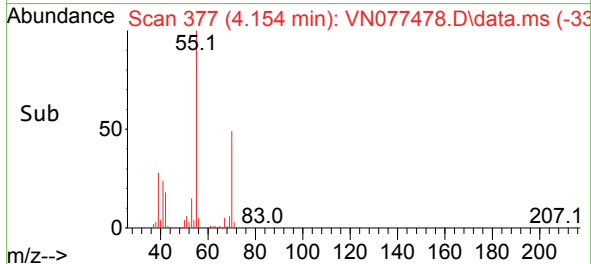
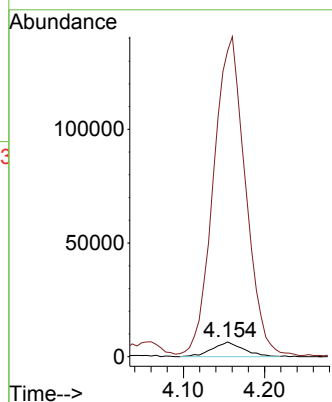
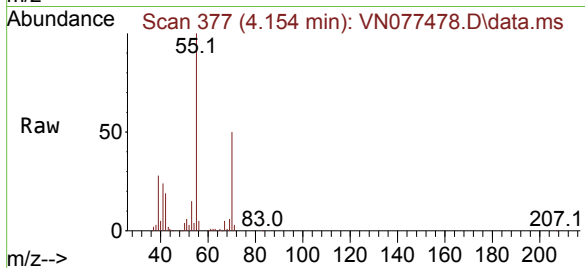
MW-4

Tgt Ion: 56 Resp: 17227

Ion Ratio Lower Upper

56 100

55 2228.4 54.5 81.7#



#14

Allyl chloride

Concen: 7.551 ug/l

RT: 5.143 min Scan# 545

Delta R.T. 0.112 min

Lab File: VN077478.D

Acq: 25 Apr 2023 18:45

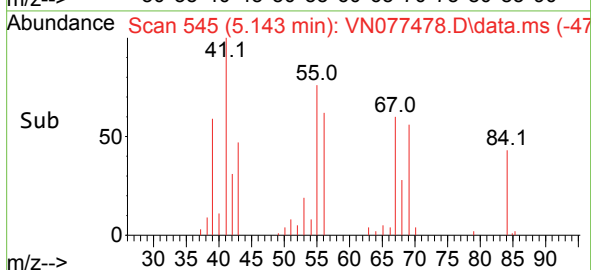
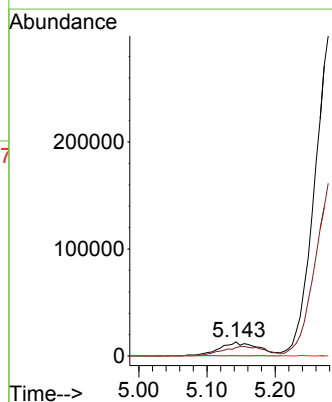
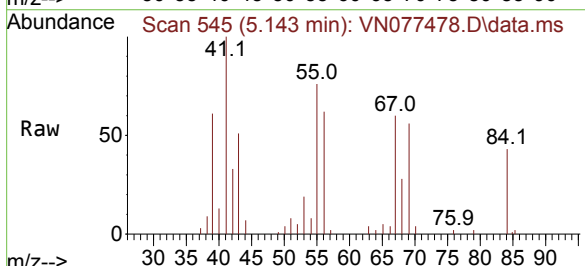
Tgt Ion: 41 Resp: 52858

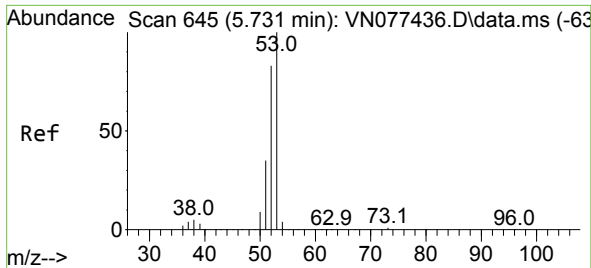
Ion Ratio Lower Upper

41 100

39 75.4 58.8 88.2

76 0.0 39.1 58.7#

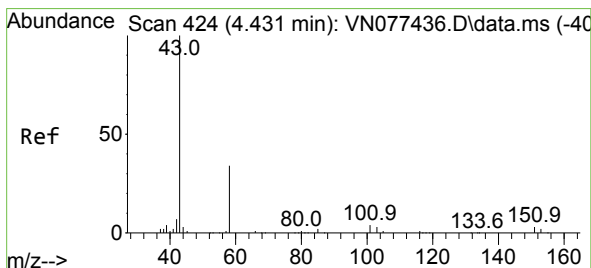
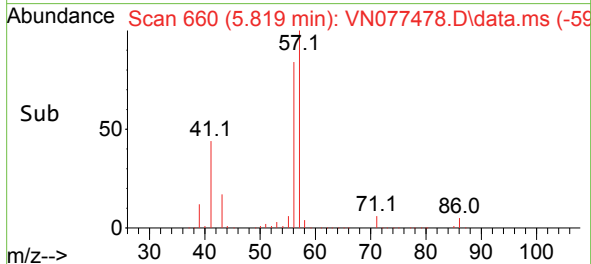
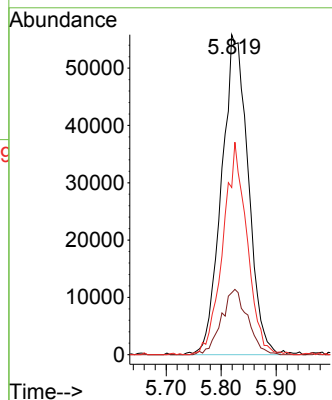
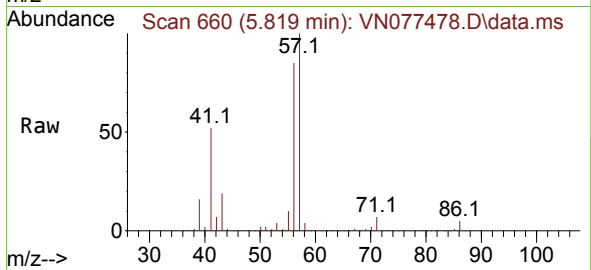




#15
Acrylonitrile
Concen: 69.885 ug/l
RT: 5.819 min Scan# 60
Delta R.T. 0.088 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

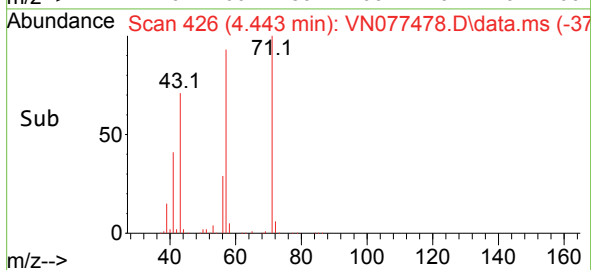
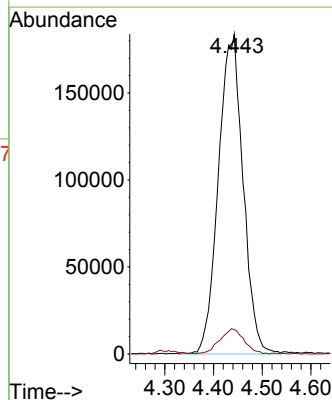
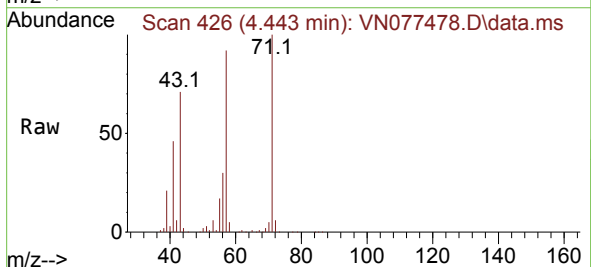
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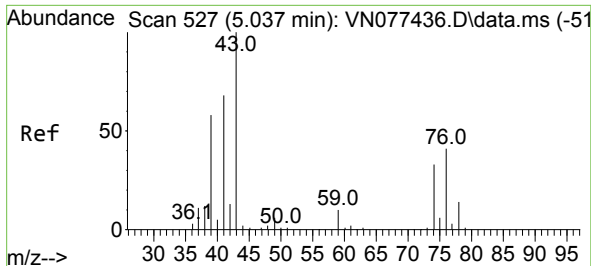
Tgt Ion: 53 Resp: 187385
Ion Ratio Lower Upper
53 100
52 20.3 65.3 97.9#
51 60.2 28.9 43.3#



#16
Acetone
Concen: 275.855 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 43 Resp: 646143
Ion Ratio Lower Upper
43 100
58 7.6 28.0 42.0#

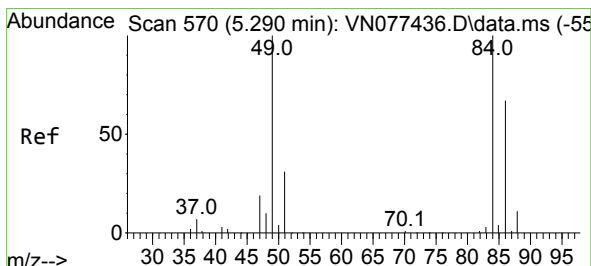
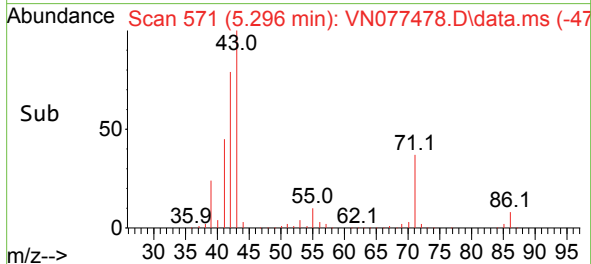
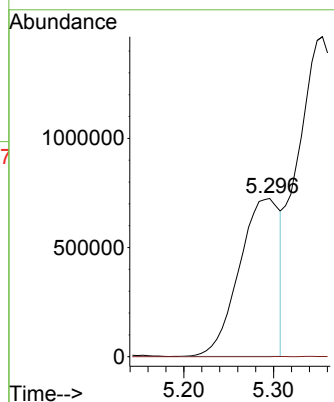
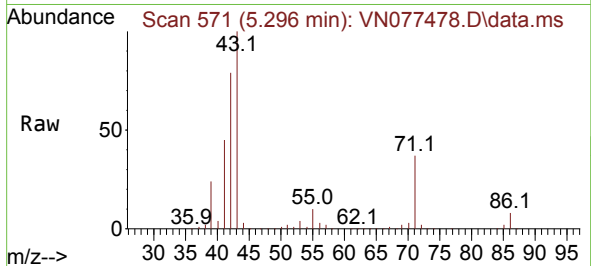




#18
Methyl Acetate
Concen: 250.271 ug/l
RT: 5.296 min Scan# 51
Delta R.T. 0.259 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

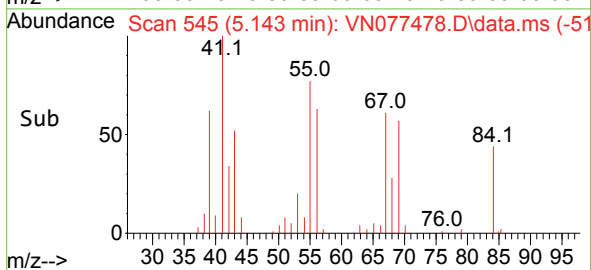
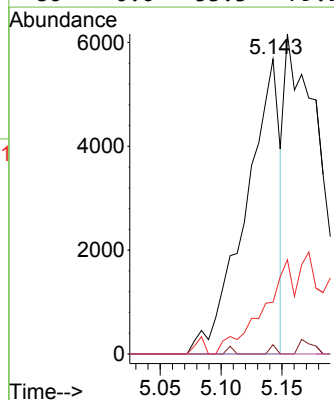
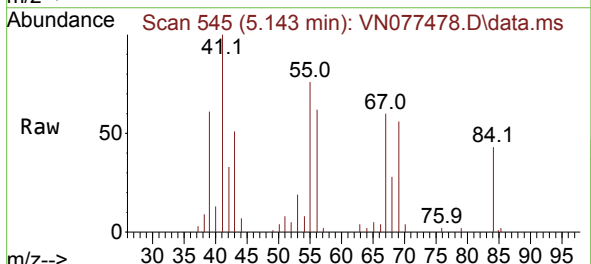
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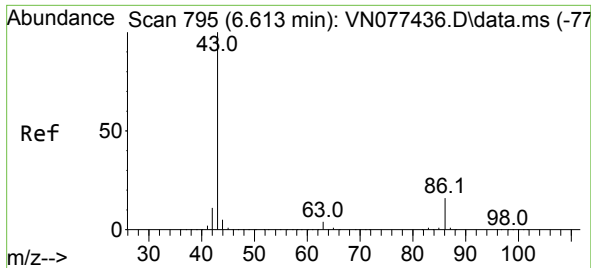
Tgt Ion: 43 Resp: 2263793
Ion Ratio Lower Upper
43 100
74 0.1 26.2 39.4#



#20
Methylene Chloride
Concen: 1.498 ug/l
RT: 5.143 min Scan# 545
Delta R.T. -0.147 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 84 Resp: 11124
Ion Ratio Lower Upper
84 100
49 3.2 79.7 119.5#
51 17.5 25.2 37.8#
86 0.0 53.3 79.9#

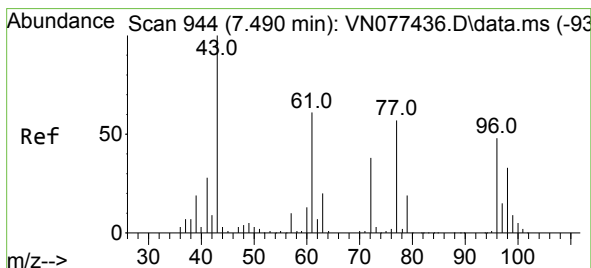
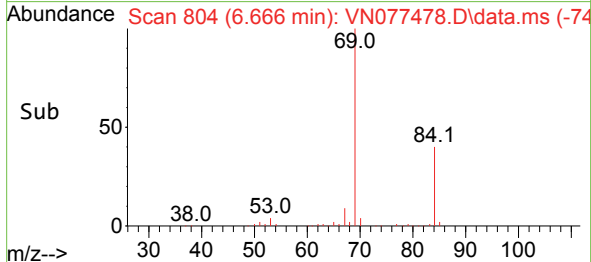
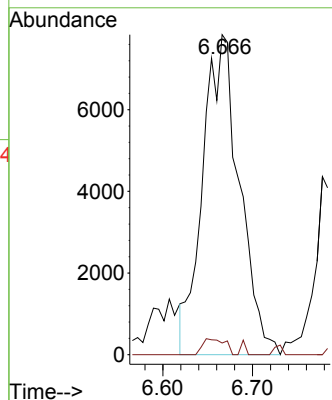
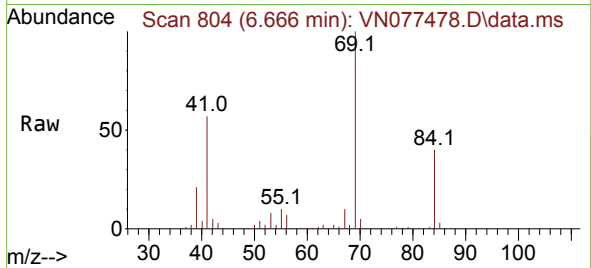




#23
 Vinyl Acetate
 Concen: 2.218 ug/l
 RT: 6.666 min Scan# 804
 Delta R.T. 0.053 min
 Lab File: VN077478.D
 Acq: 25 Apr 2023 18:45

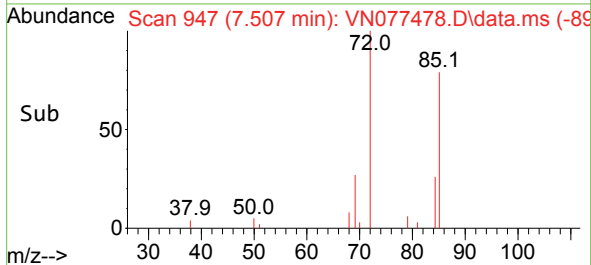
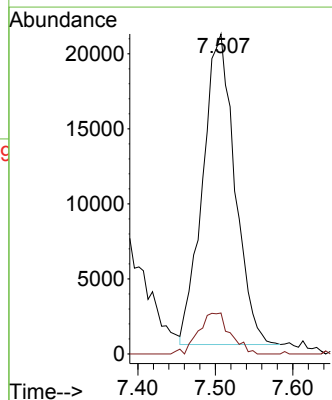
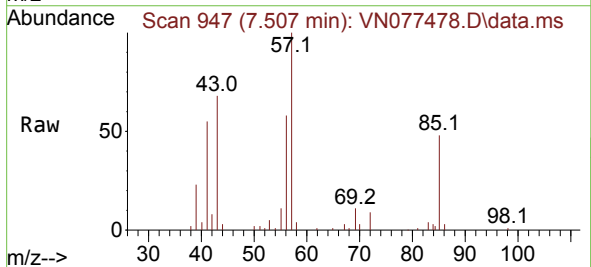
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

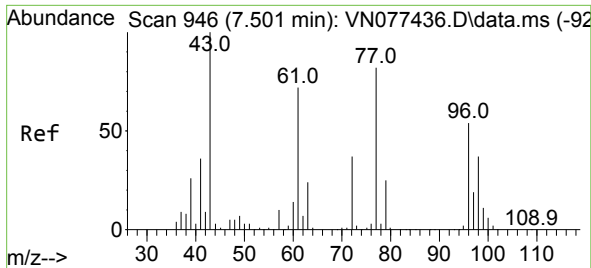
Tgt Ion: 43 Resp: 22260
 Ion Ratio Lower Upper
 43 100
 86 3.7 13.0 19.6#



#25
 2-Butanone
 Concen: 17.931 ug/l
 RT: 7.507 min Scan# 947
 Delta R.T. 0.018 min
 Lab File: VN077478.D
 Acq: 25 Apr 2023 18:45

Tgt Ion: 43 Resp: 59572
 Ion Ratio Lower Upper
 43 100
 72 13.2 30.2 45.2#

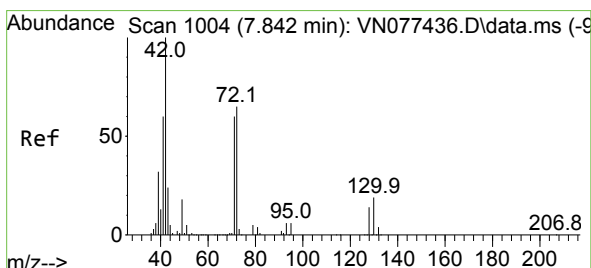
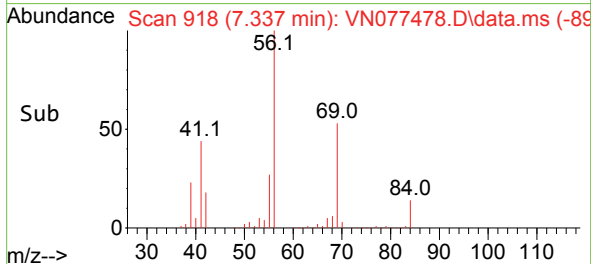
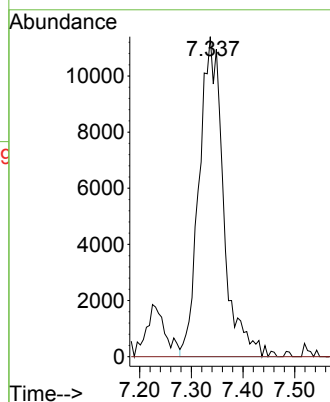
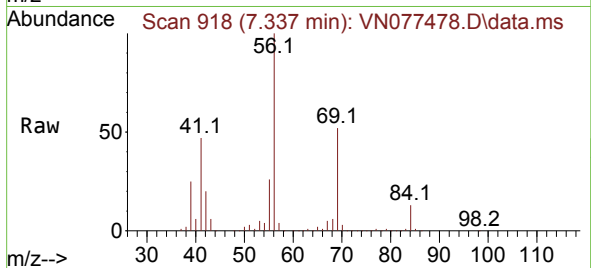




#26
2,2-Dichloropropane
Concen: 3.377 ug/l
RT: 7.337 min Scan# 91
Delta R.T. -0.165 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

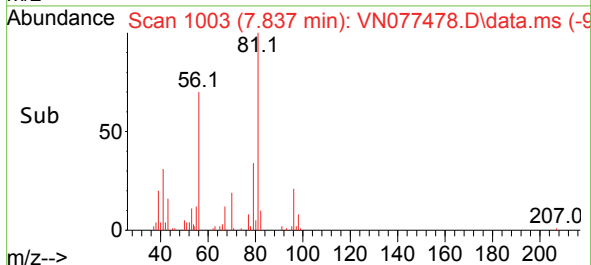
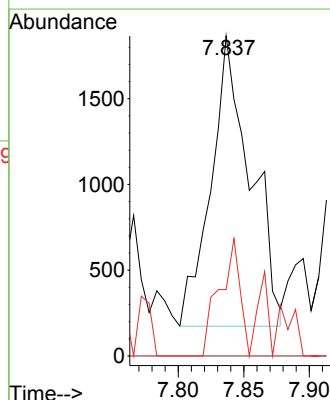
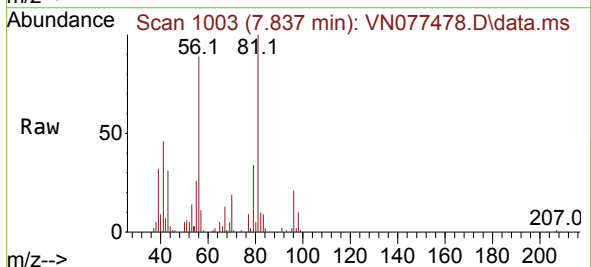
Instrument :
MSVOA_N
ClientSampleId :
MW-4

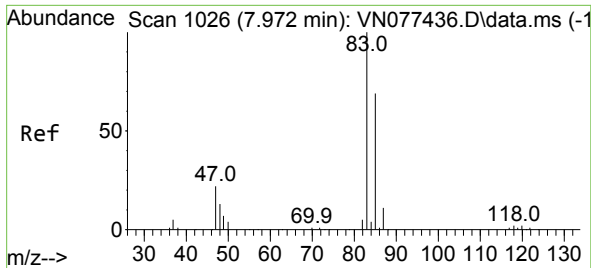
Tgt Ion: 77 Resp: 37242
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#29
Tetrahydrofuran
Concen: 1.705 ug/l
RT: 7.837 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 42 Resp: 3549
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 0.0 47.4 71.2#

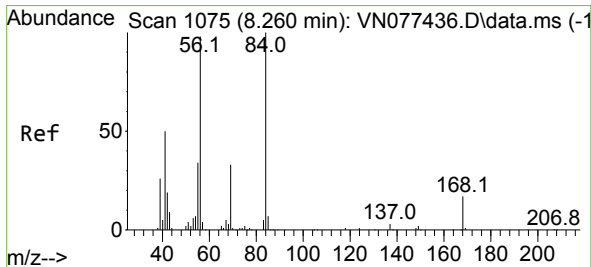
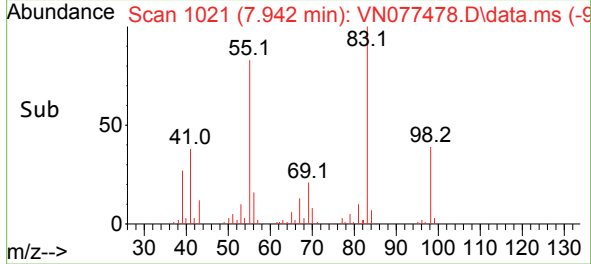
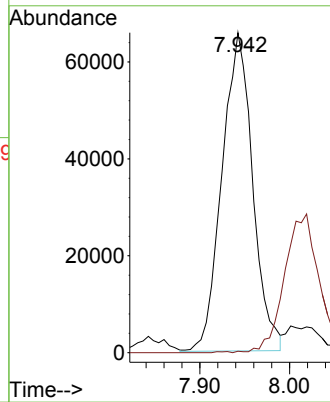
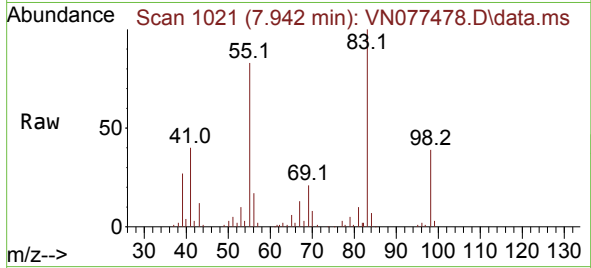




#30
Chloroform
Concen: 12.166 ug/l
RT: 7.942 min Scan# 1021
Delta R.T. -0.029 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

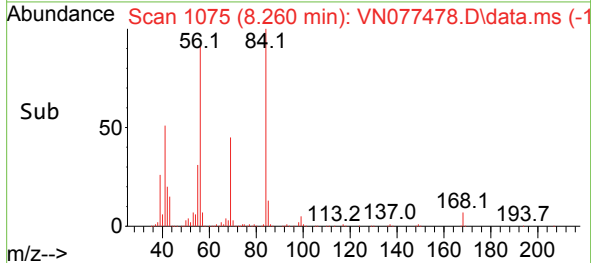
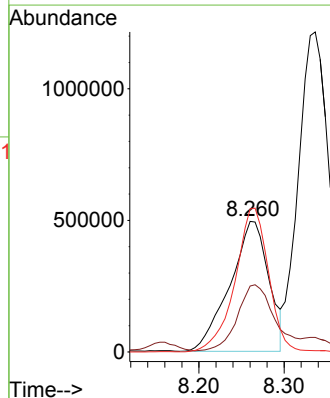
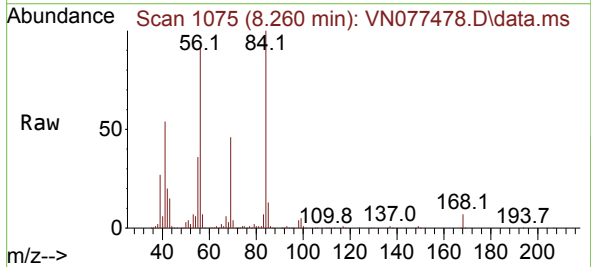
Instrument :
MSVOA_N
ClientSampleId :
MW-4

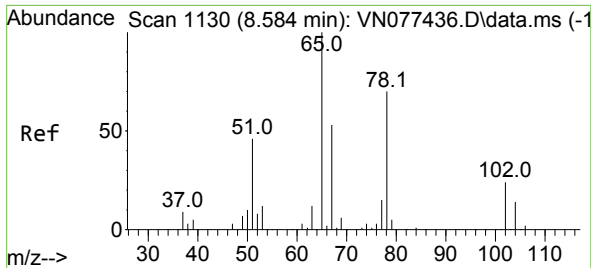
Tgt Ion: 83 Resp: 155933
Ion Ratio Lower Upper
83 100
85 0.5 55.4 83.0#



#31
Cyclohexane
Concen: 150.035 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 56 Resp: 1564834
Ion Ratio Lower Upper
56 100
69 47.2 26.8 40.2#
84 110.0 81.8 122.6

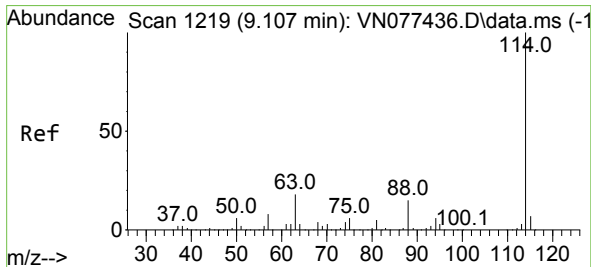
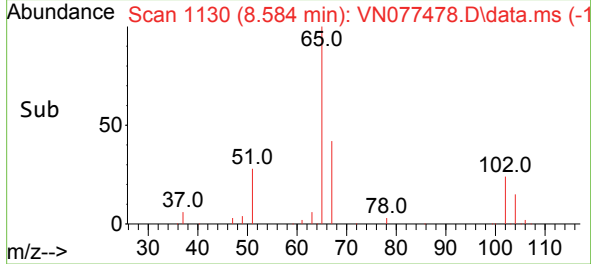
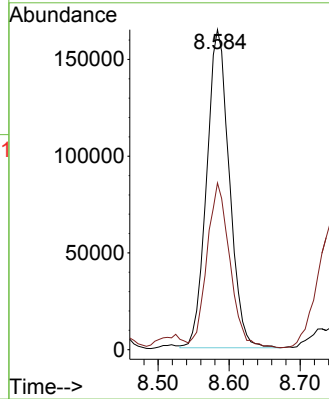
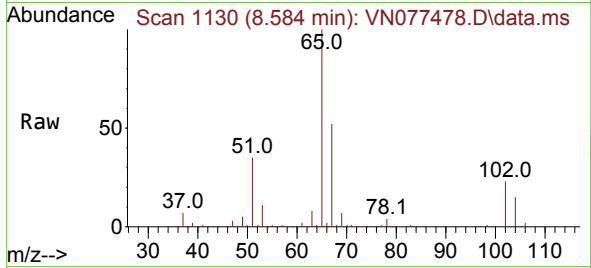




#33
1,2-Dichloroethane-d4
Concen: 49.517 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

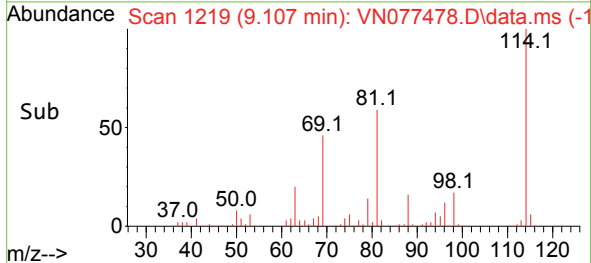
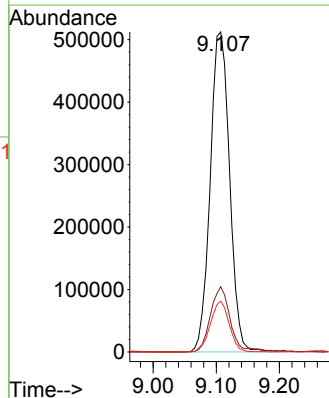
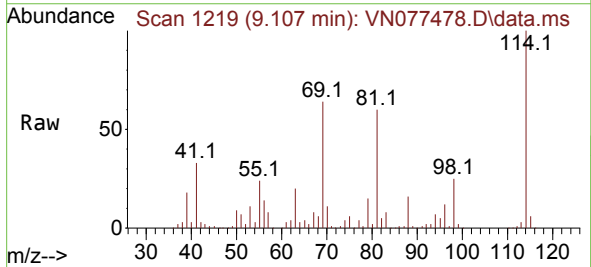
Instrument :
MSVOA_N
ClientSampleId :
MW-4

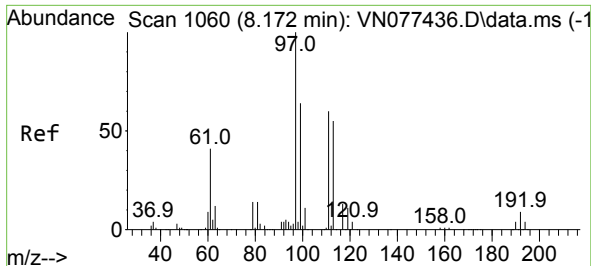
Tgt Ion: 65 Resp: 364574
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 114 Resp: 1092605
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 15.8 0.0 30.6

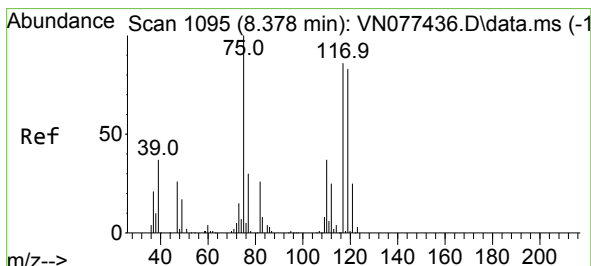
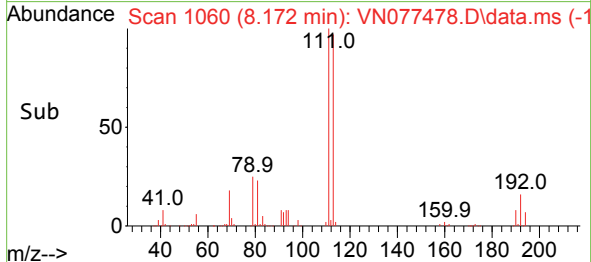
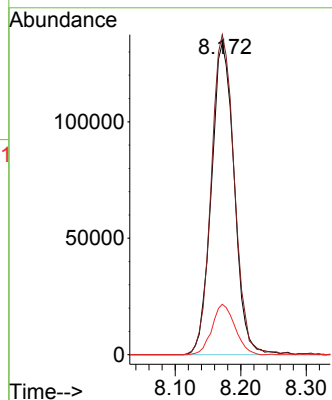
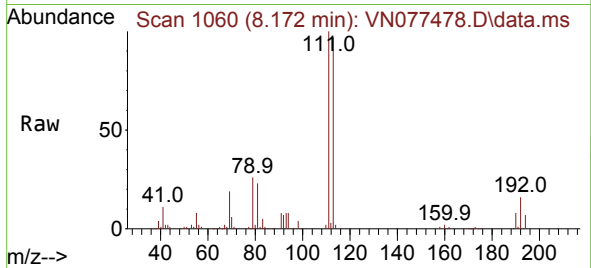




#35
Dibromofluoromethane
Concen: 49.243 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

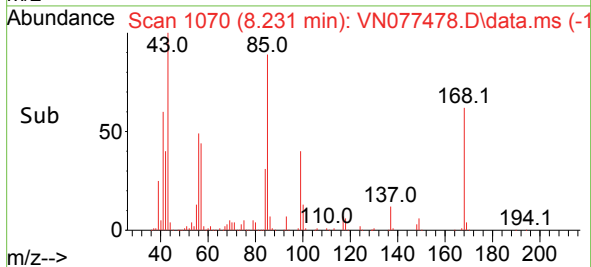
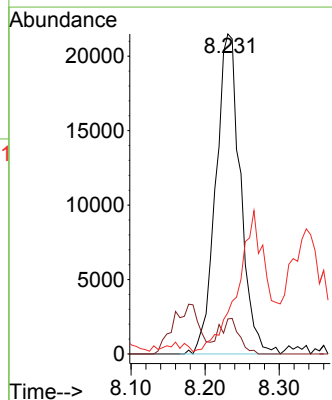
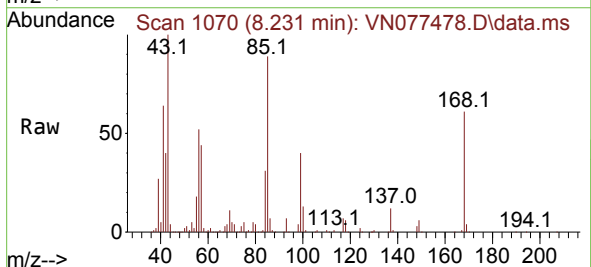
Instrument :
MSVOA_N
ClientSampleId :
MW-4

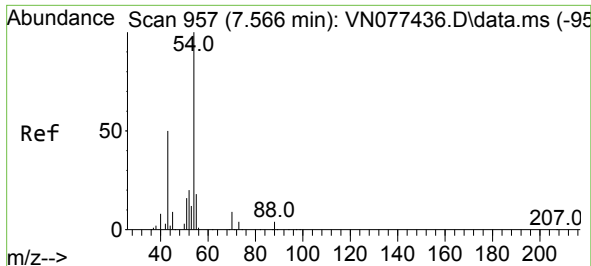
Tgt Ion:113 Resp: 323380
Ion Ratio Lower Upper
113 100
111 104.1 82.6 123.8
192 16.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.209 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 75 Resp: 49421
Ion Ratio Lower Upper
75 100
110 8.9 19.1 57.3#
77 0.0 25.0 37.4#

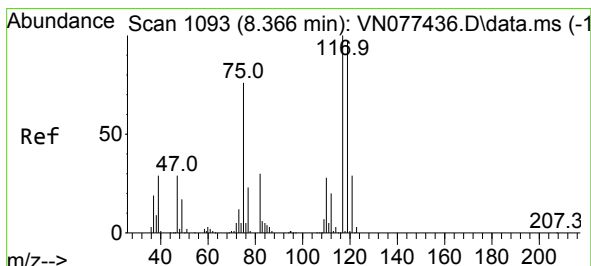
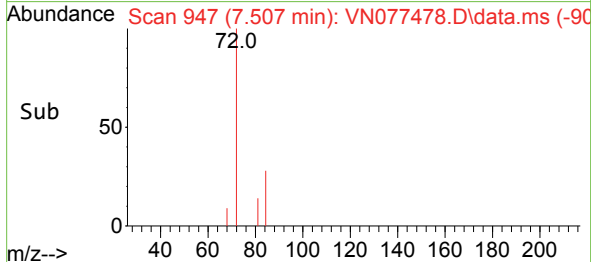
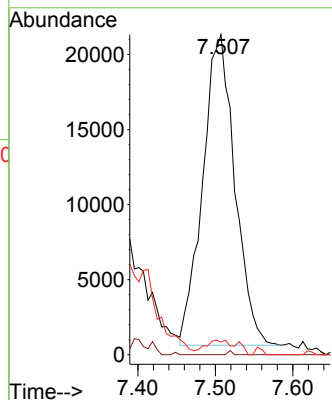
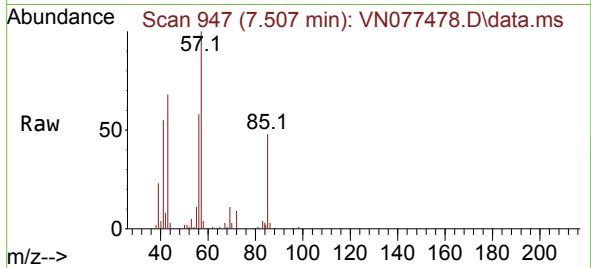




#37
Ethyl Acetate
Concen: 8.263 ug/l
RT: 7.507 min Scan# 947
Delta R.T. -0.059 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

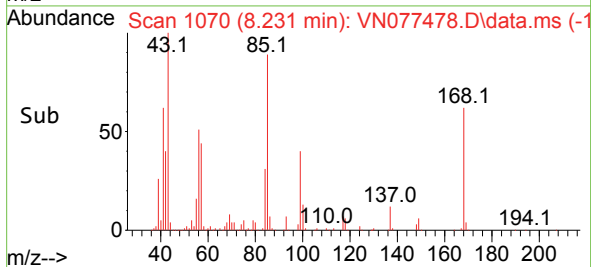
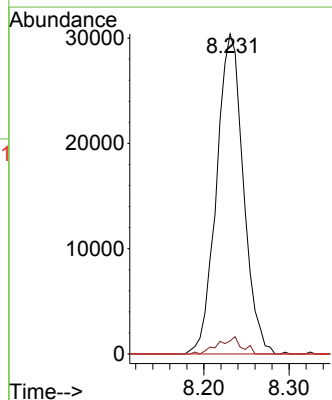
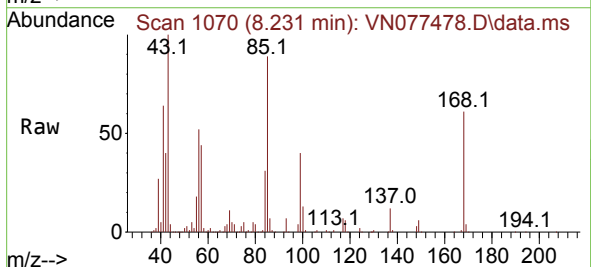
Instrument :
MSVOA_N
ClientSampleId :
MW-4

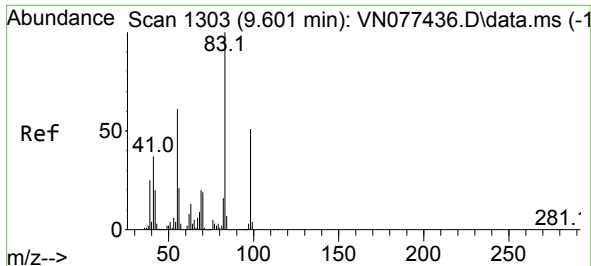
Tgt Ion: 43 Resp: 59572
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 6.347 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 117 Resp: 66444
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 168.692 ug/l

RT: 9.607 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077478.D

Acq: 25 Apr 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

MW-4

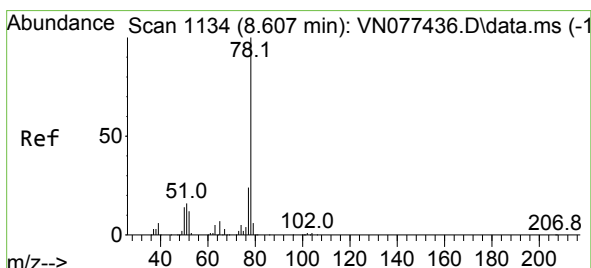
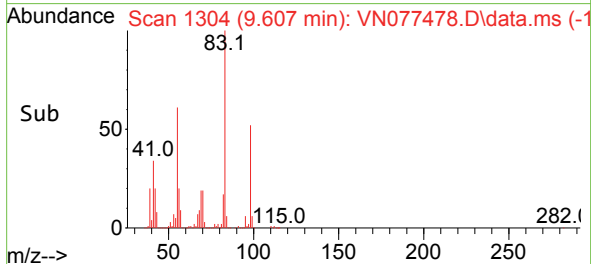
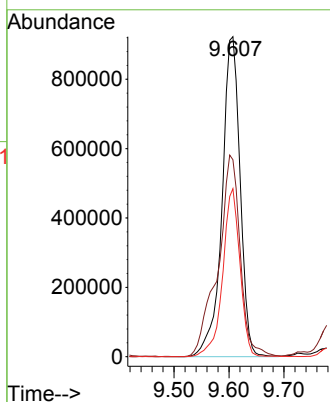
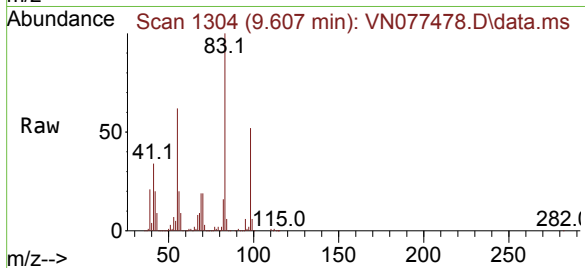
Tgt Ion: 83 Resp: 2108643

Ion Ratio Lower Upper

83 100

55 61.5 49.1 73.7

98 52.5 40.6 61.0



#40

Benzene

Concen: 2.916 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077478.D

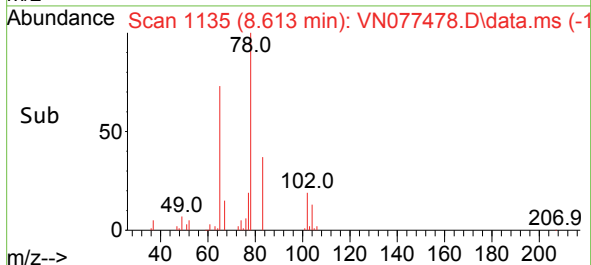
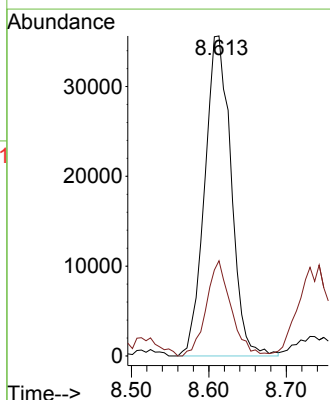
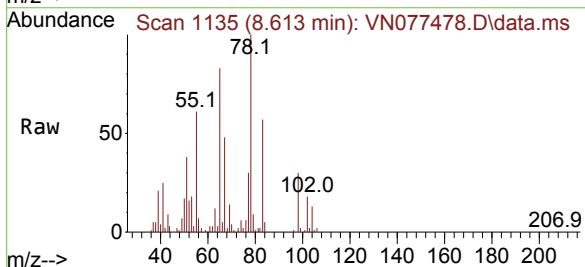
Acq: 25 Apr 2023 18:45

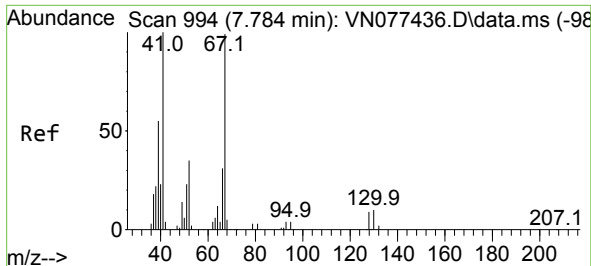
Tgt Ion: 78 Resp: 84281

Ion Ratio Lower Upper

78 100

77 29.7 19.0 28.6#

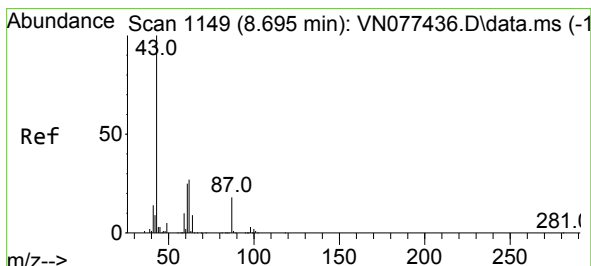
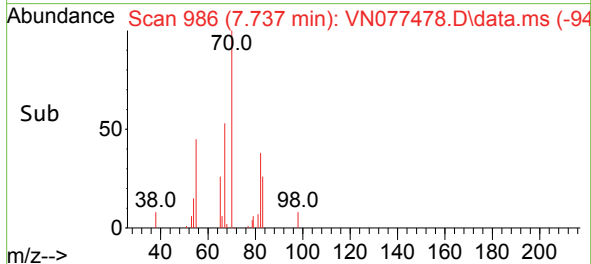
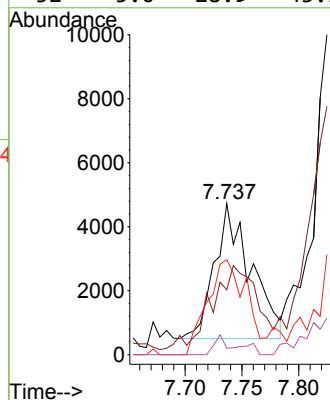
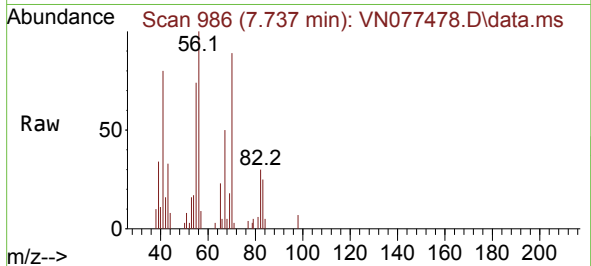




#41
Methacrylonitrile
Concen: 2.499 ug/l
RT: 7.737 min Scan# 91
Delta R.T. -0.047 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

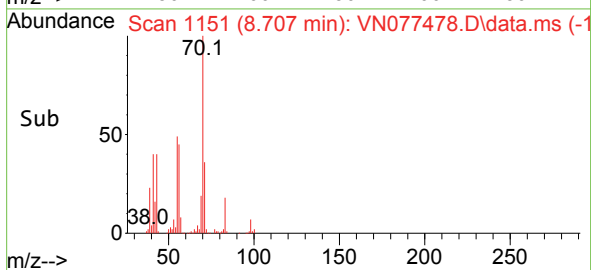
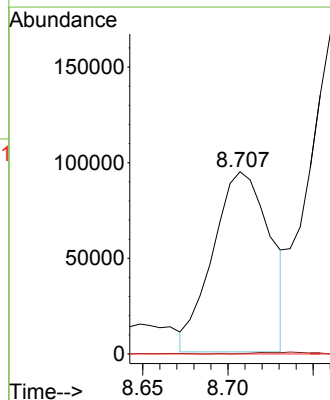
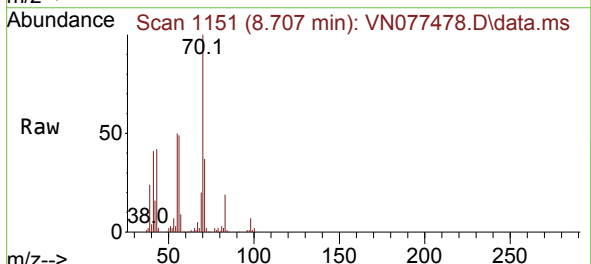
Instrument :
MSVOA_N
ClientSampleId :
MW-4

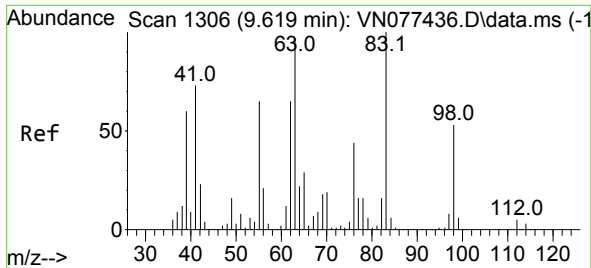
Tgt Ion: 41	Resp: 9383
Ion Ratio	Lower Upper
41 100	
39 78.4	42.6 64.0#
67 0.0	77.5 116.3#
52 5.0	28.9 43.3#



#43
Isopropyl Acetate
Concen: 17.607 ug/l
RT: 8.707 min Scan# 1151
Delta R.T. 0.012 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 43	Resp: 219594
Ion Ratio	Lower Upper
43 100	
61 0.0	24.7 37.1#
87 0.0	14.6 21.8#

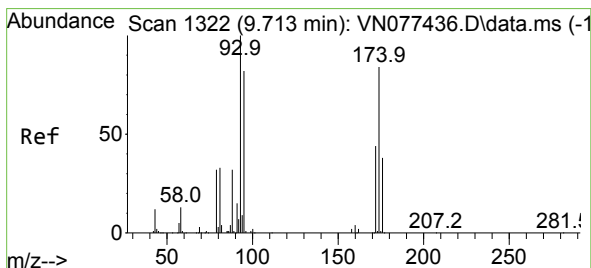
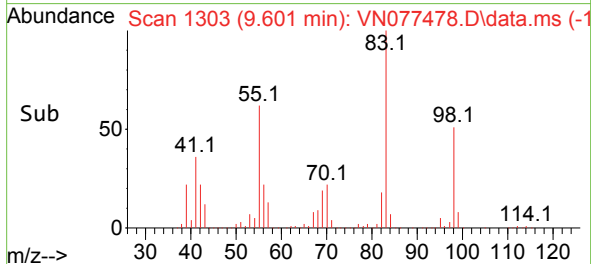
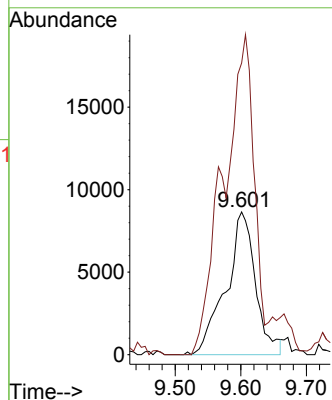
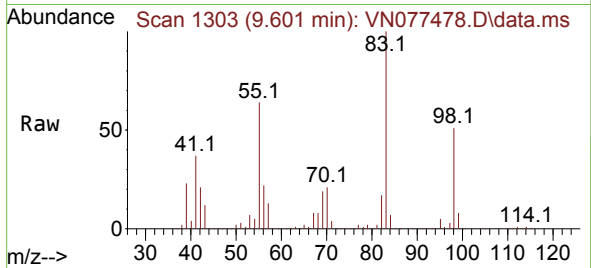




#45
1,2-Dichloropropane
Concen: 4.011 ug/l
RT: 9.601 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

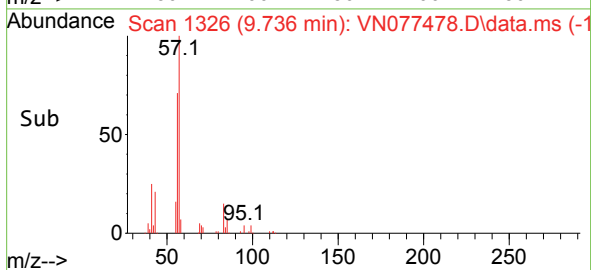
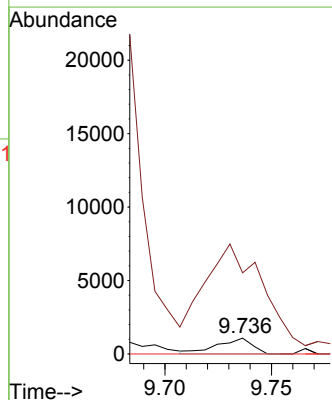
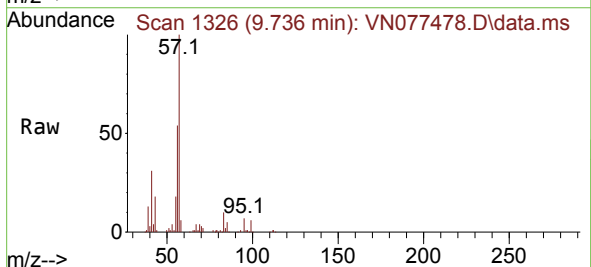
Instrument :
MSVOA_N
ClientSampleId :
MW-4

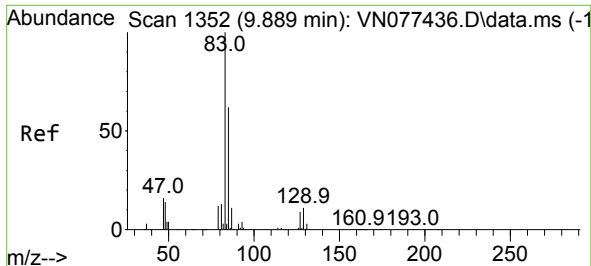
Tgt Ion: 63 Resp: 27154
Ion Ratio Lower Upper
63 100
65 204.4 23.9 35.9#



#46
Dibromomethane
Concen: 0.223 ug/l
RT: 9.736 min Scan# 1326
Delta R.T. 0.024 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 93 Resp: 1223
Ion Ratio Lower Upper
93 100
95 1279.7 63.8 95.8#
174 0.0 65.6 98.4#

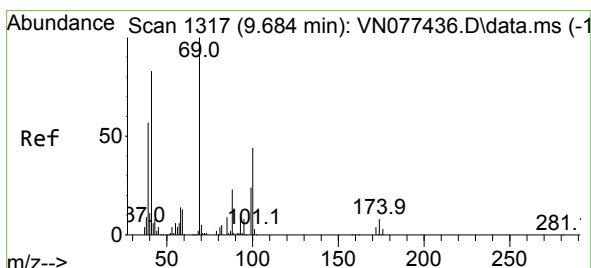
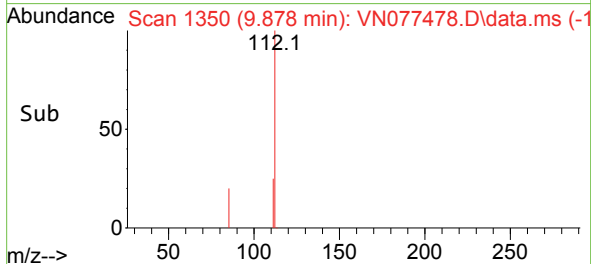
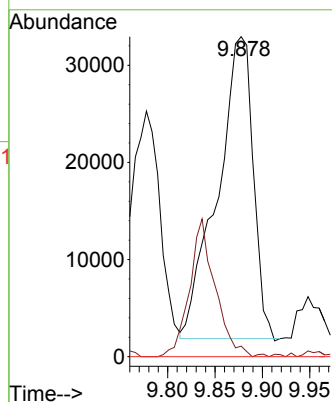
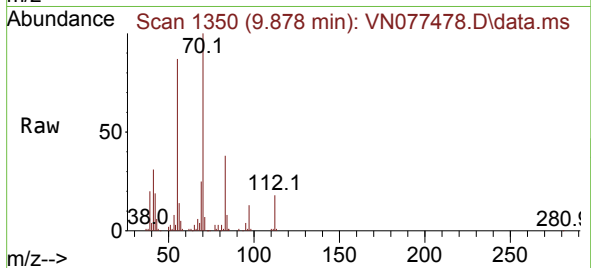




#47
Bromodichloromethane
Concen: 7.682 ug/l
RT: 9.878 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

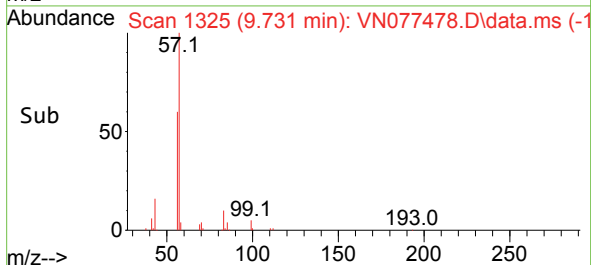
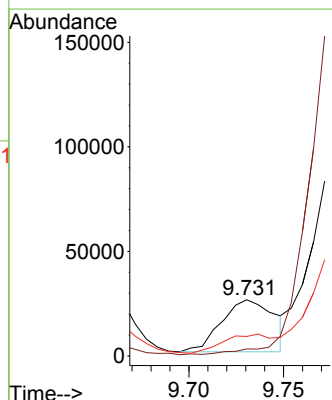
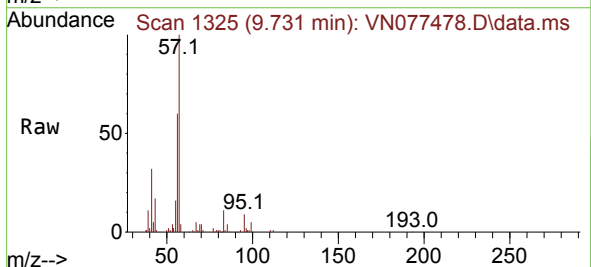
Instrument :
MSVOA_N
ClientSampleId :
MW-4

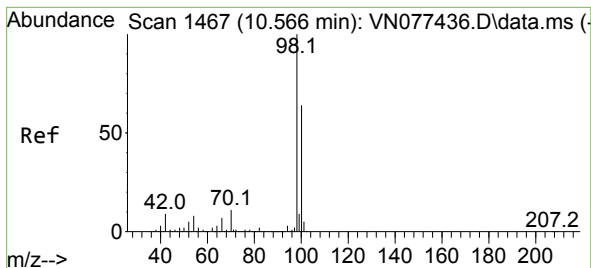
Tgt Ion: 83 Resp: 81631
Ion Ratio Lower Upper
83 100
85 2.8 49.6 74.4#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 8.451 ug/l
RT: 9.731 min Scan# 1325
Delta R.T. 0.047 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 41 Resp: 47980
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 0.0 54.6 81.8#





#50

Toluene-d8

Concen: 55.360 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077478.D

Acq: 25 Apr 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

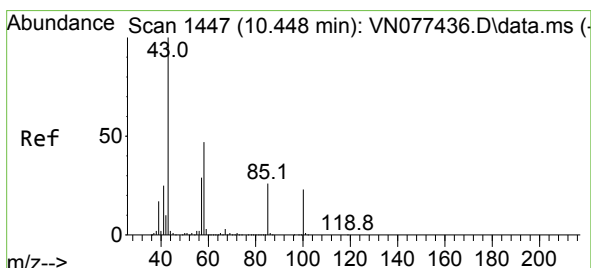
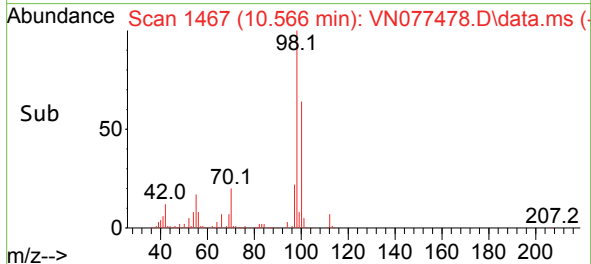
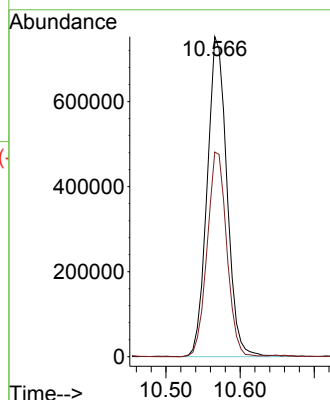
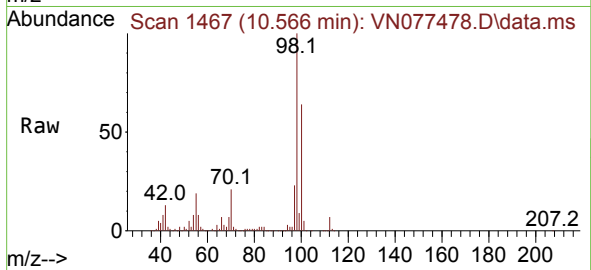
MW-4

Tgt Ion: 98 Resp: 1393330

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 6.036 ug/l

RT: 10.501 min Scan# 1456

Delta R.T. 0.053 min

Lab File: VN077478.D

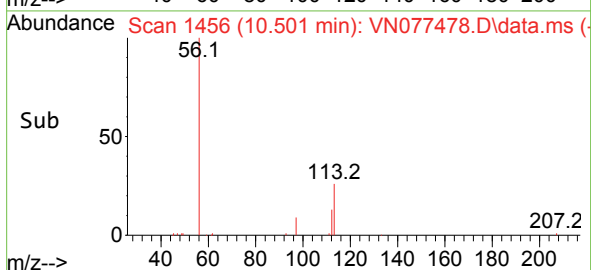
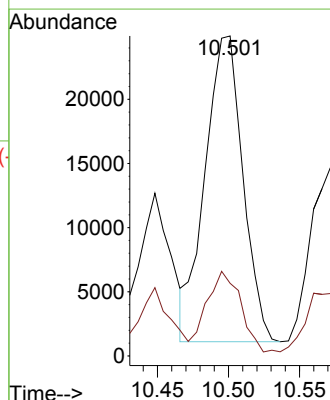
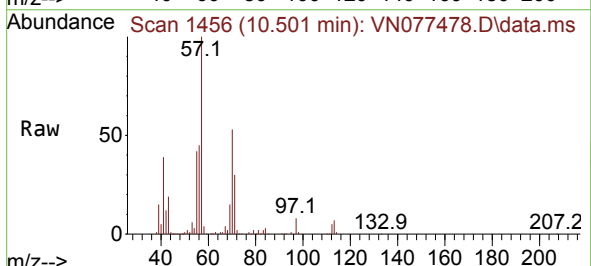
Acq: 25 Apr 2023 18:45

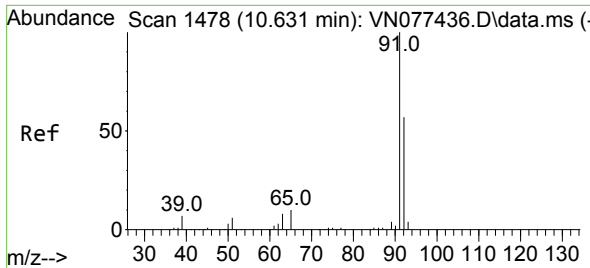
Tgt Ion: 43 Resp: 44156

Ion Ratio Lower Upper

43 100

58 24.7 36.6 54.8#

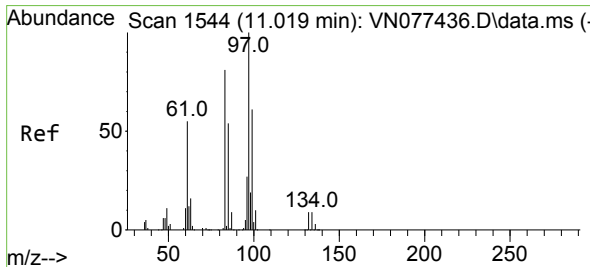
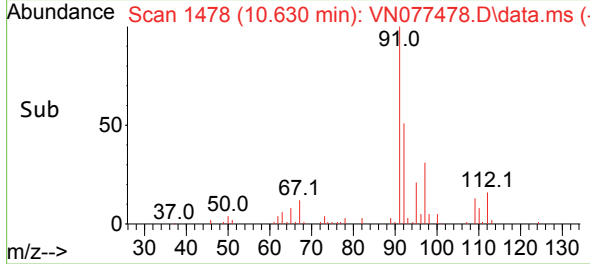
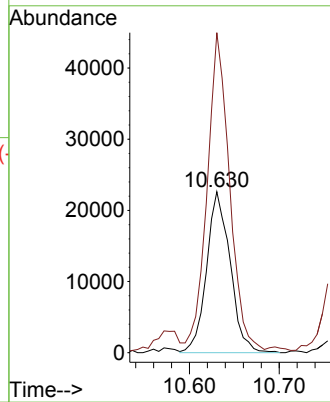
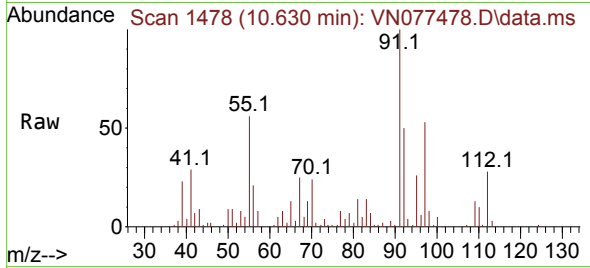




#52
Toluene
Concen: 2.183 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

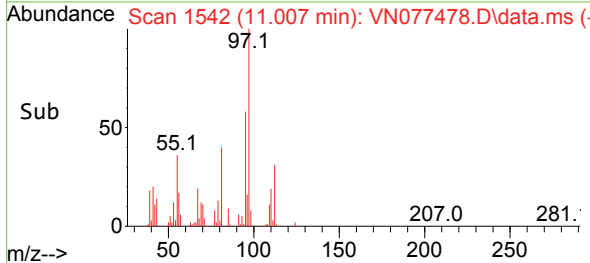
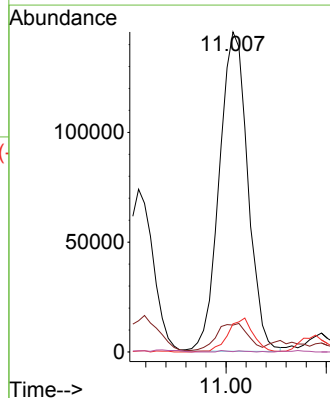
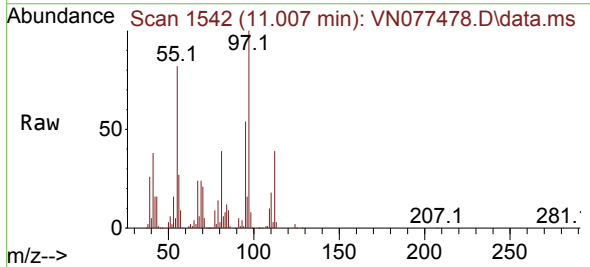
Instrument :
MSVOA_N
ClientSampleId :
MW-4

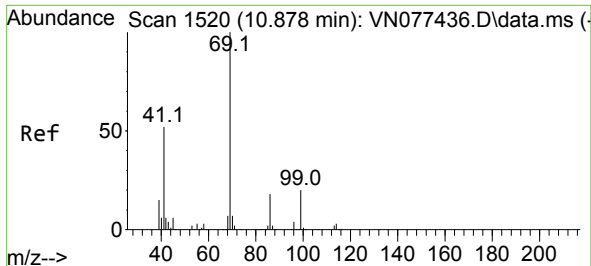
Tgt Ion: 92 Resp: 41338
Ion Ratio Lower Upper
92 100
91 186.0 137.4 206.0



#55
1,1,2-Trichloroethane
Concen: 37.631 ug/l
RT: 11.007 min Scan# 1542
Delta R.T. -0.012 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 97 Resp: 286520
Ion Ratio Lower Upper
97 100
83 7.8 65.1 97.7#
85 8.8 43.4 65.2#
99 0.0 49.2 73.8#

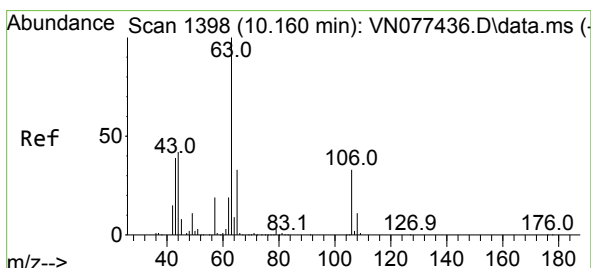
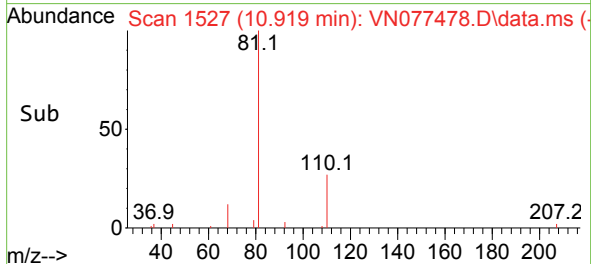
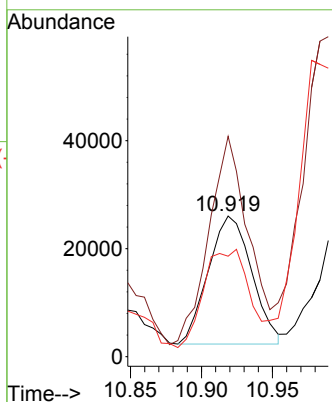
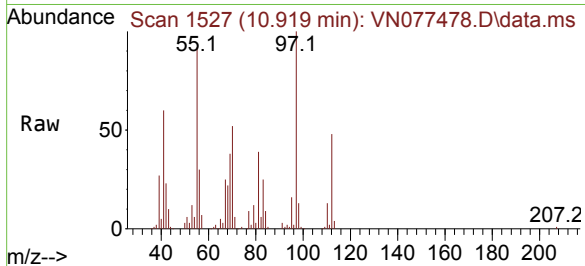




#56
Ethyl methacrylate
Concen: 4.727 ug/l
RT: 10.919 min Scan# 1527
Delta R.T. 0.041 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

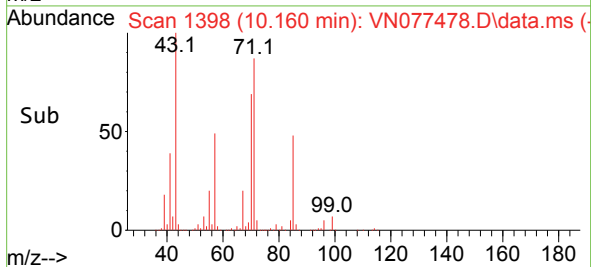
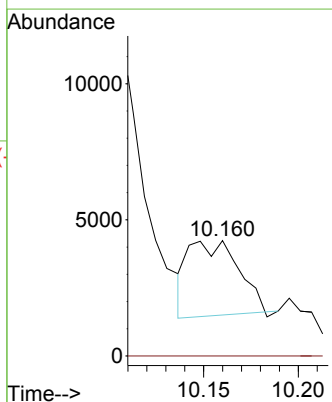
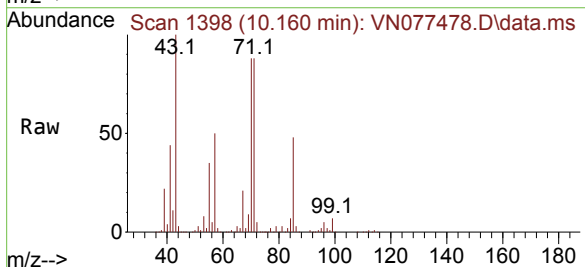
Instrument :
MSVOA_N
ClientSampleId :
MW-4

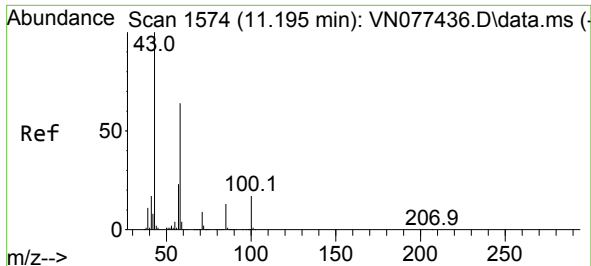
Tgt Ion: 69 Resp: 50431
Ion Ratio Lower Upper
69 100
41 148.7 39.6 59.4#
39 78.5 28.6 43.0#



#58
2-Chloroethyl Vinyl ether
Concen: 1.407 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 63 Resp: 5079
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#

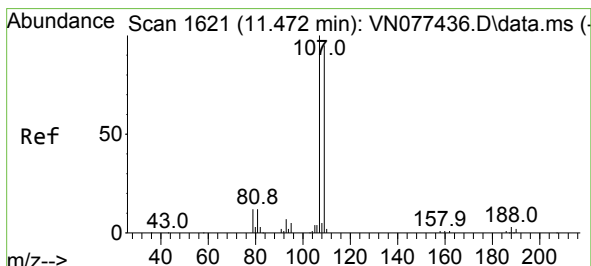
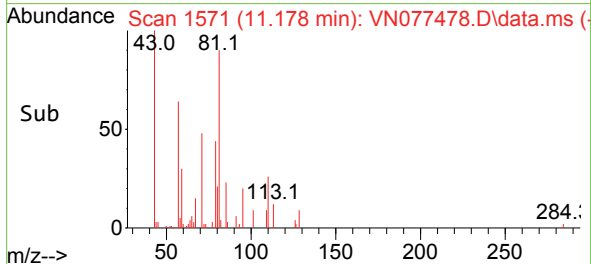
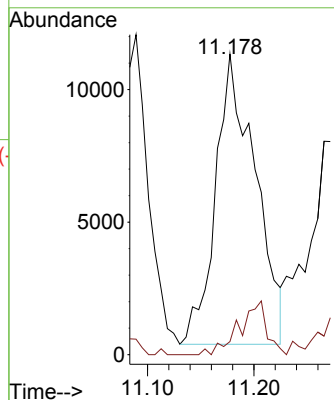
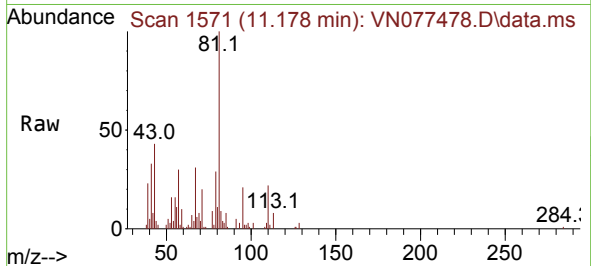




#59
2-Hexanone
Concen: 5.331 ug/l
RT: 11.178 min Scan# 111
Delta R.T. -0.018 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

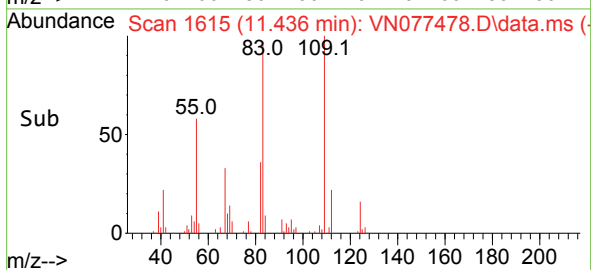
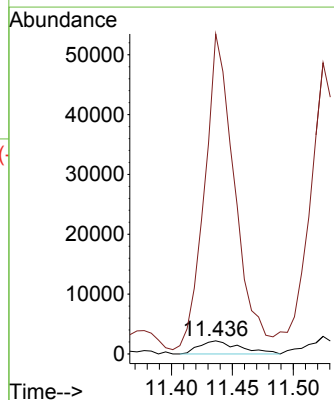
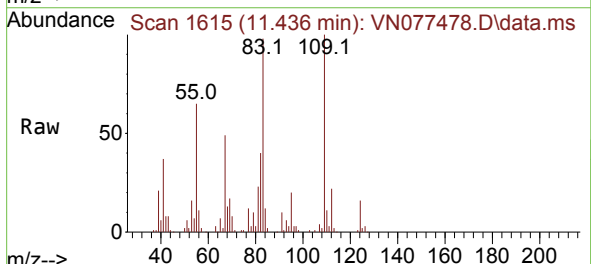
Instrument :
MSVOA_N
ClientSampleId :
MW-4

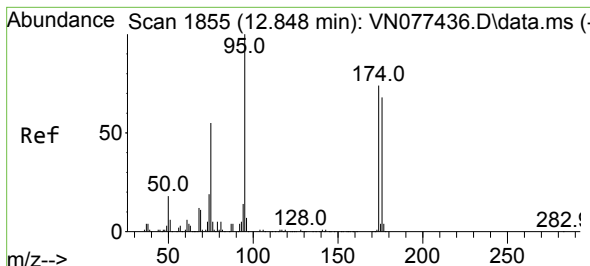
Tgt Ion: 43 Resp: 28350
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#61
1,2-Dibromoethane
Concen: 0.658 ug/l
RT: 11.436 min Scan# 1615
Delta R.T. -0.035 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 107 Resp: 5115
Ion Ratio Lower Upper
107 100
109 1768.0 76.6 114.8#

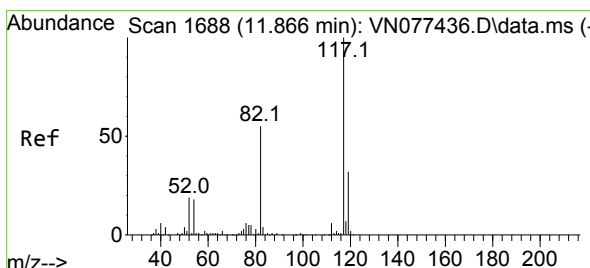
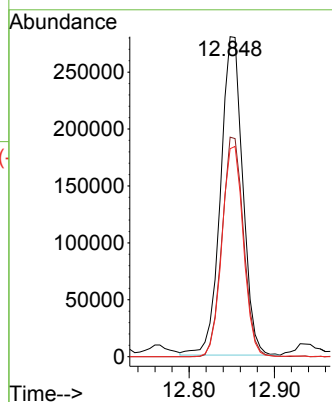
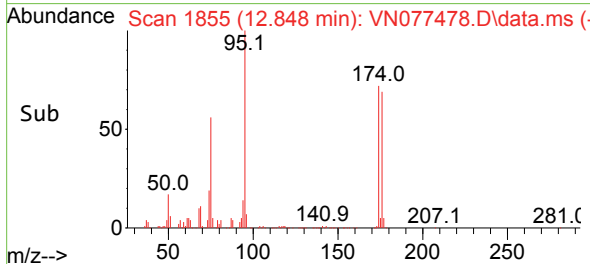
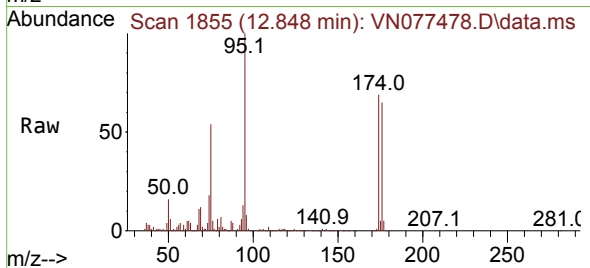




#62
4-Bromofluorobenzene
Concen: 61.408 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

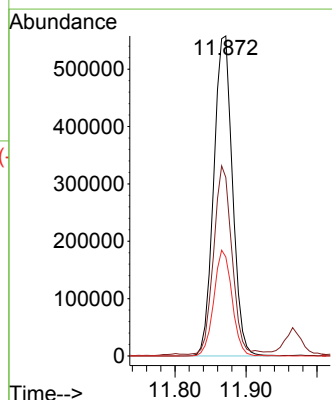
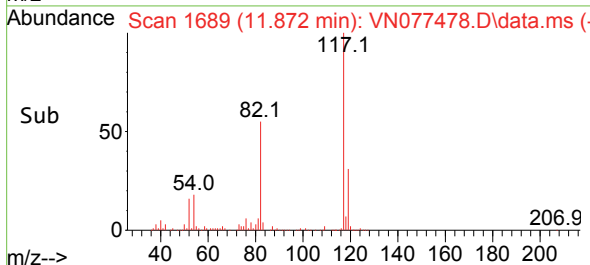
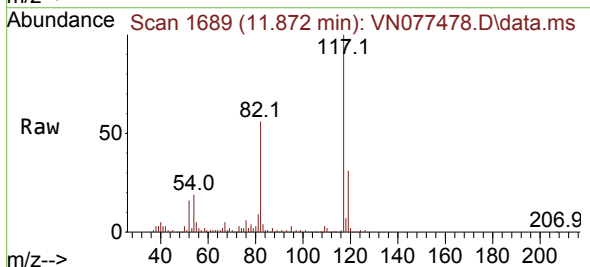
Instrument :
MSVOA_N
ClientSampleId :
MW-4

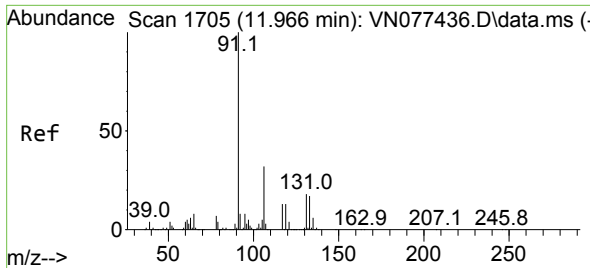
Tgt Ion: 95 Resp: 505665
Ion Ratio Lower Upper
95 100
174 66.9 0.0 143.8
176 63.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 117 Resp: 1022105
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 31.0 25.6 38.4

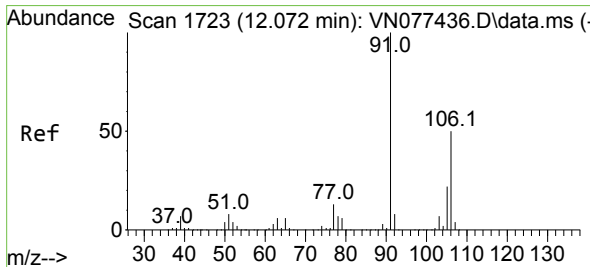
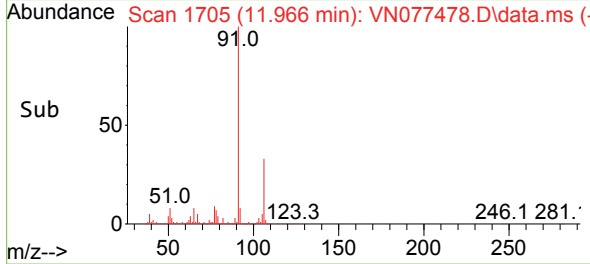
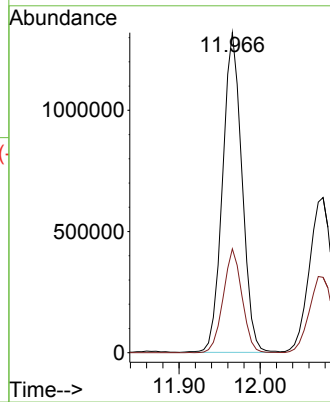
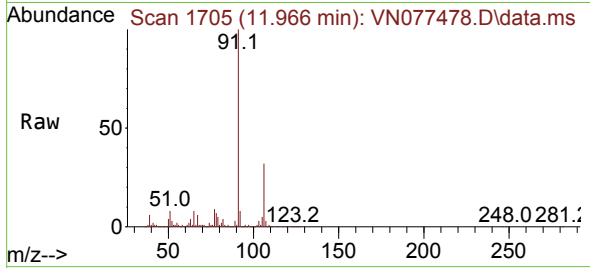




#67
Ethyl Benzene
Concen: 57.626 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

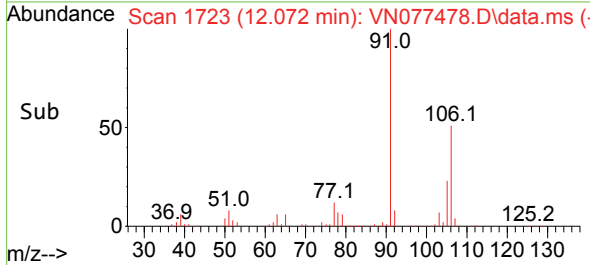
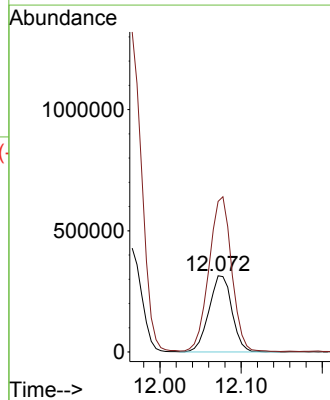
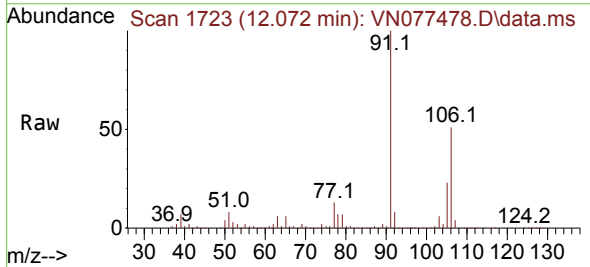
Instrument :
MSVOA_N
ClientSampleId :
MW-4

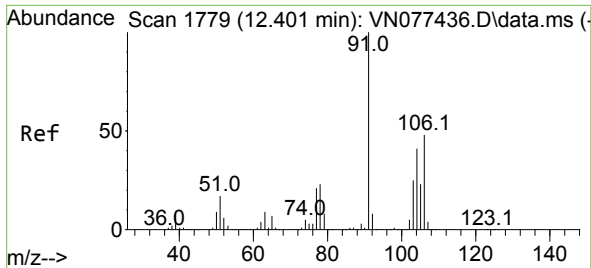
Tgt Ion: 91 Resp: 2194088
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4



#68
m/p-Xylenes
Concen: 41.761 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 106 Resp: 617971
Ion Ratio Lower Upper
106 100
91 200.6 159.6 239.4

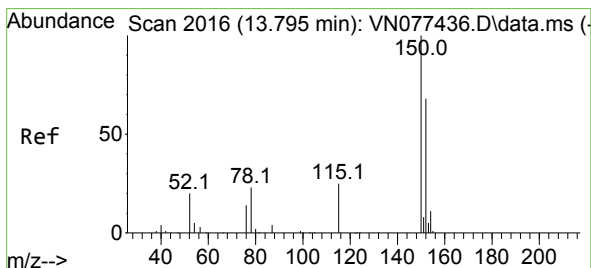
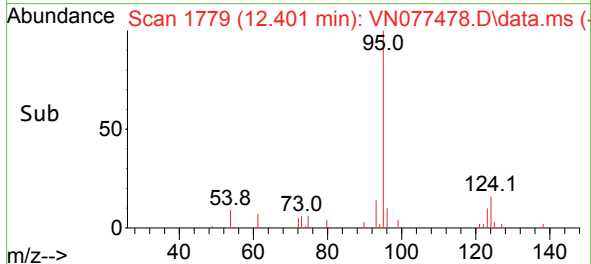
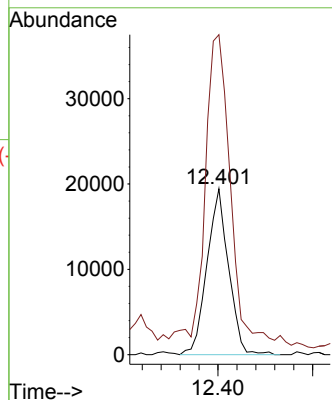
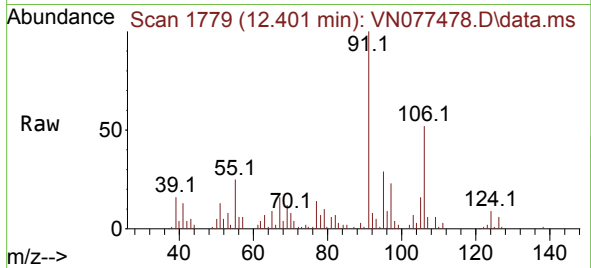




#69
o-Xylene
Concen: 2.116 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

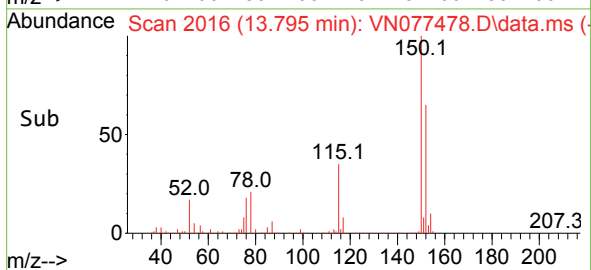
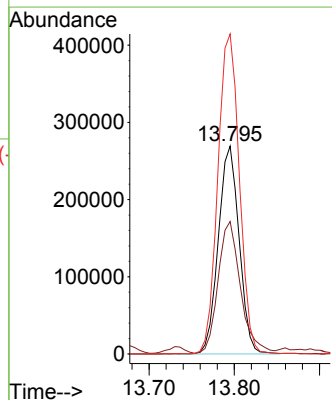
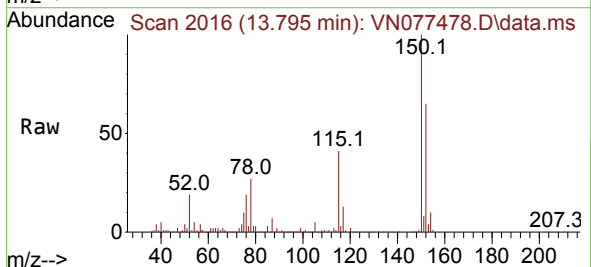
Instrument :
MSVOA_N
ClientSampleId :
MW-4

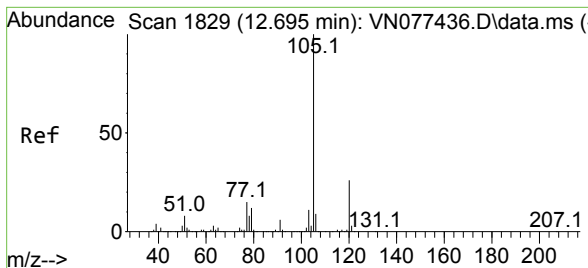
Tgt Ion:106 Resp: 30804
Ion Ratio Lower Upper
106 100
91 227.9 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion:152 Resp: 456749
Ion Ratio Lower Upper
152 100
115 68.1 32.3 96.8
150 159.2 0.0 355.8





#73

Isopropylbenzene

Concen: 58.871 ug/l

RT: 12.695 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077478.D

Acq: 25 Apr 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

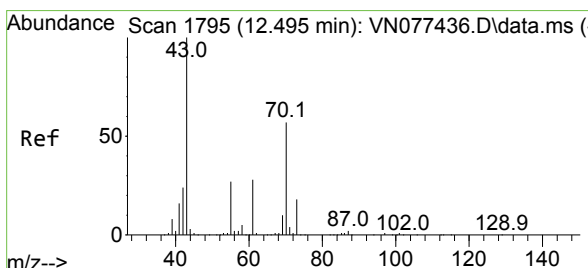
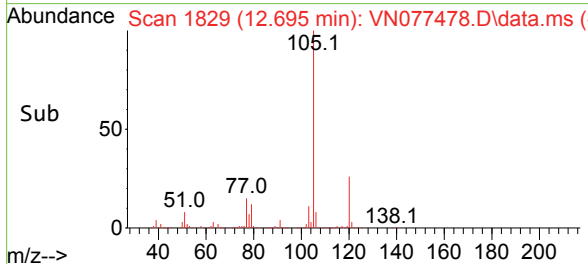
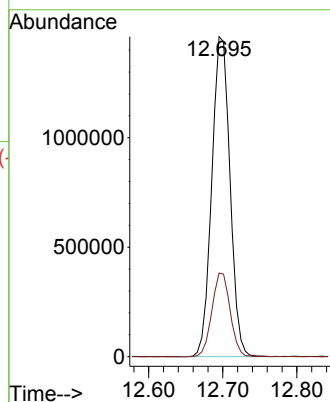
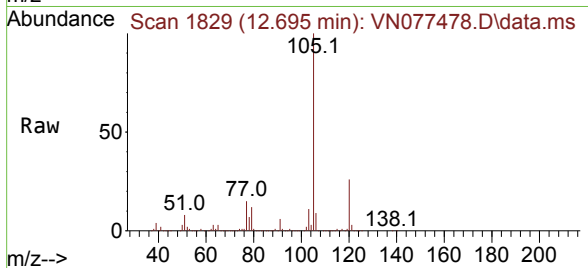
MW-4

Tgt Ion:105 Resp: 2495210

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 0.369 ug/l

RT: 12.454 min Scan# 1788

Delta R.T. -0.041 min

Lab File: VN077478.D

Acq: 25 Apr 2023 18:45

Tgt Ion: 43 Resp: 4626

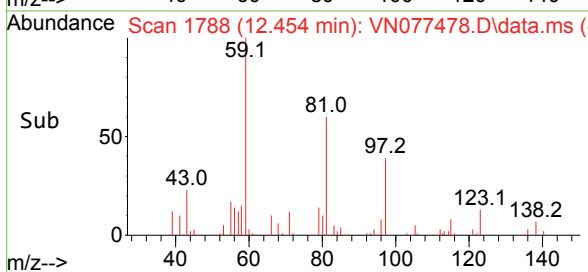
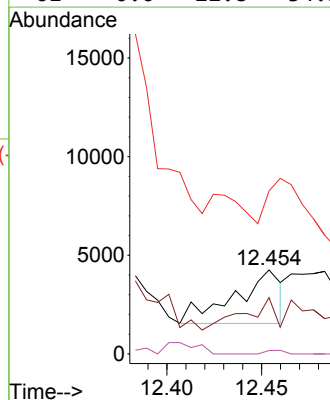
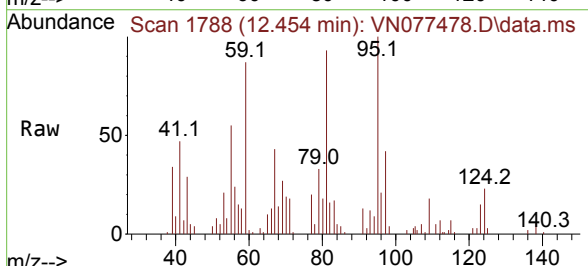
Ion Ratio Lower Upper

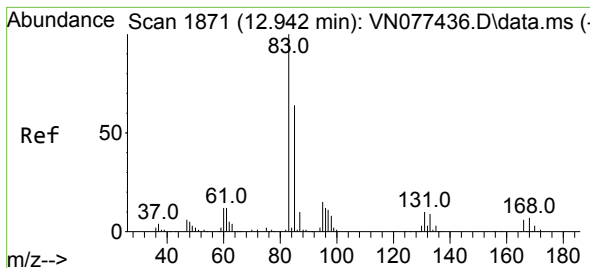
43 100

70 38.8 43.4 65.2#

55 0.0 21.4 32.0#

61 0.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.963 ug/l

RT: 12.948 min Scan# 1871

Delta R.T. 0.006 min

Lab File: VN077478.D

Acq: 25 Apr 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

MW-4

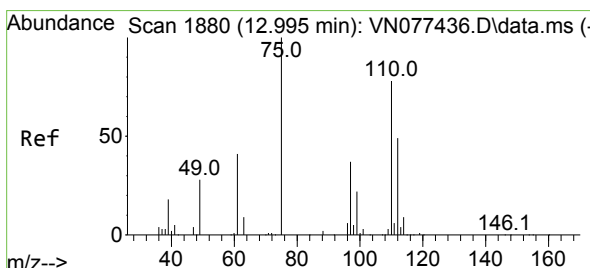
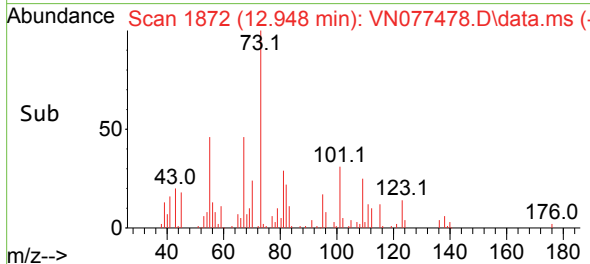
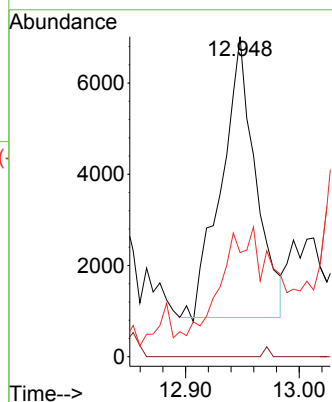
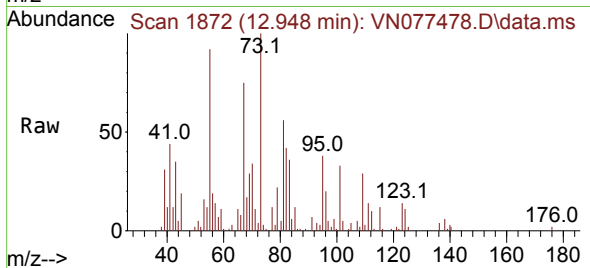
Tgt Ion: 83 Resp: 12822

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 4.235 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.041 min

Lab File: VN077478.D

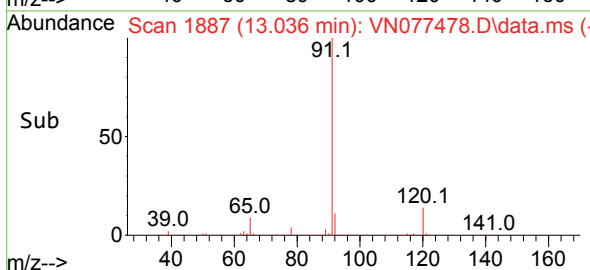
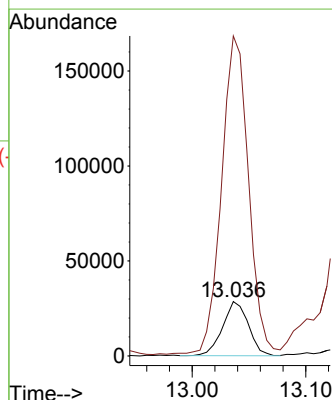
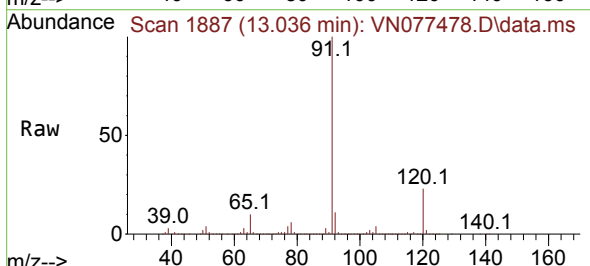
Acq: 25 Apr 2023 18:45

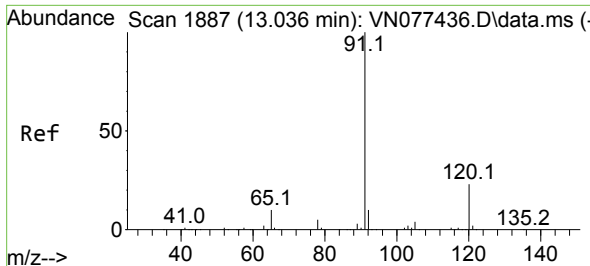
Tgt Ion: 75 Resp: 44978

Ion Ratio Lower Upper

75 100

77 615.8 84.5 253.5#

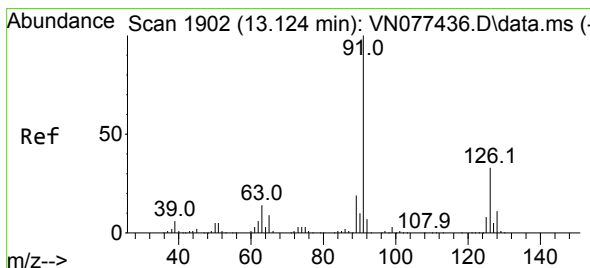
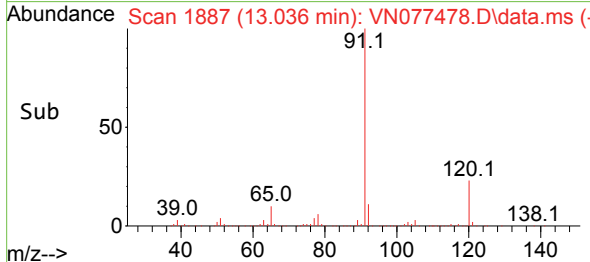
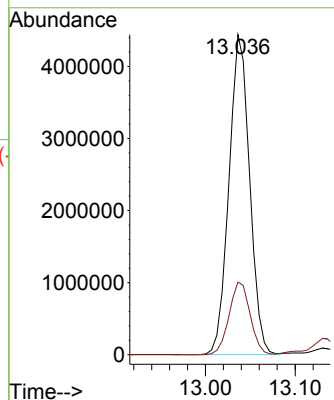
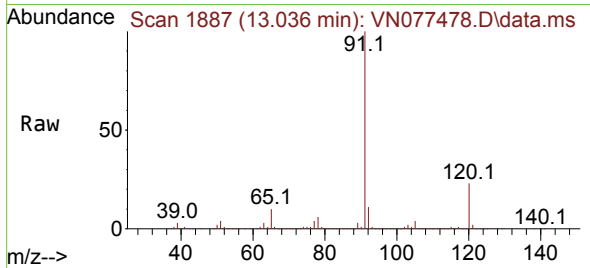




#78
n-propylbenzene
Concen: 151.481 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

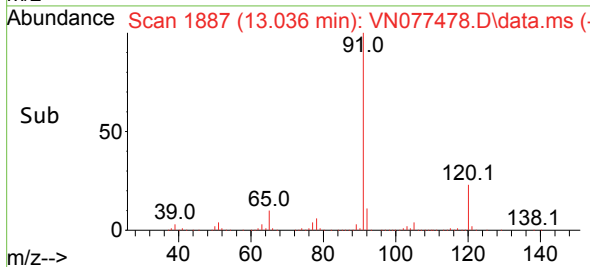
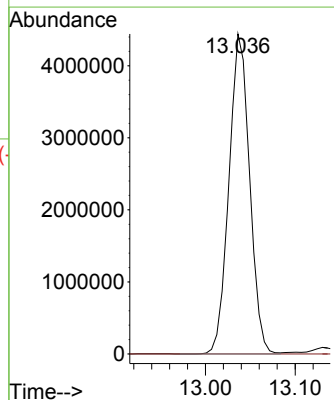
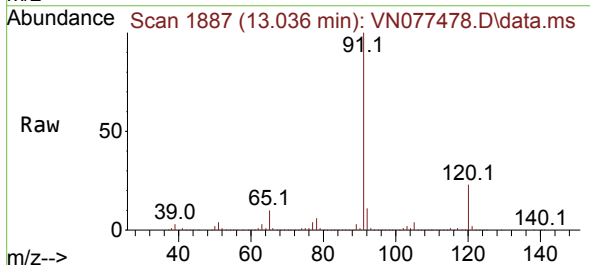
Instrument :
MSVOA_N
ClientSampleId :
MW-4

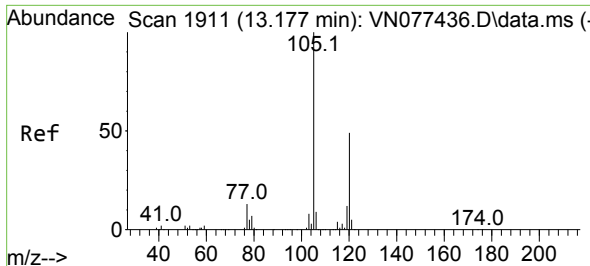
Tgt Ion: 91 Resp: 7099034
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4



#79
2-Chlorotoluene
Concen: 245.690 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.088 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 91 Resp: 7099034
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#

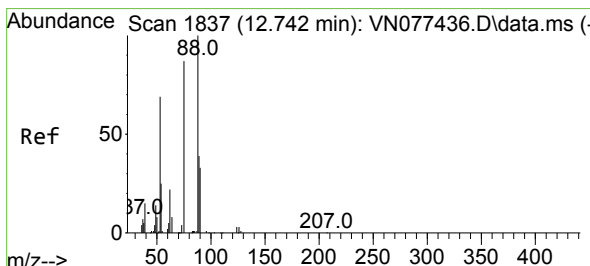
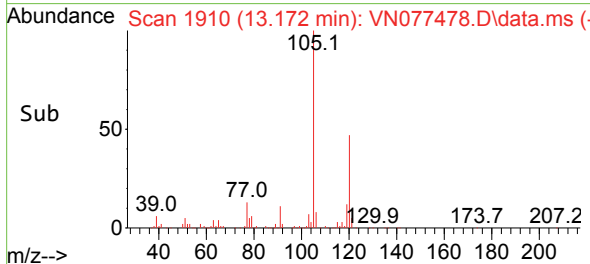
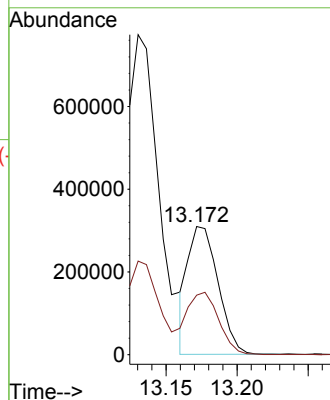
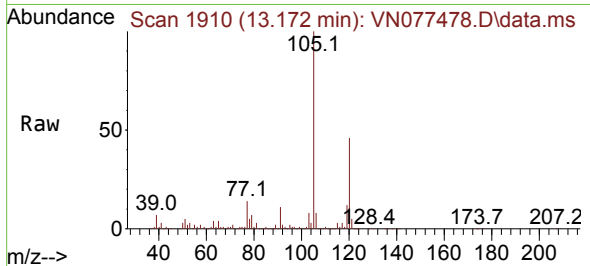




#80
1,3,5-Trimethylbenzene
Concen: 14.439 ug/l
RT: 13.172 min Scan# 1911
Delta R.T. -0.005 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

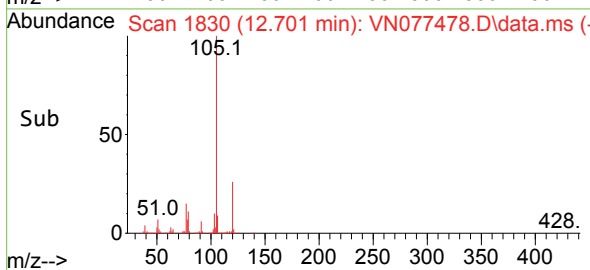
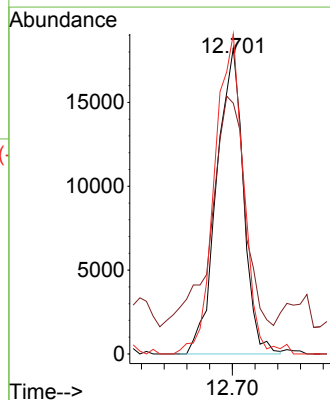
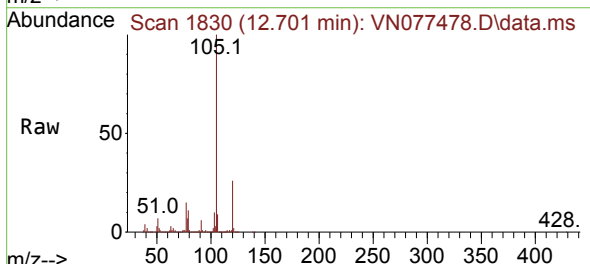
Instrument :
MSVOA_N
ClientSampleId :
MW-4

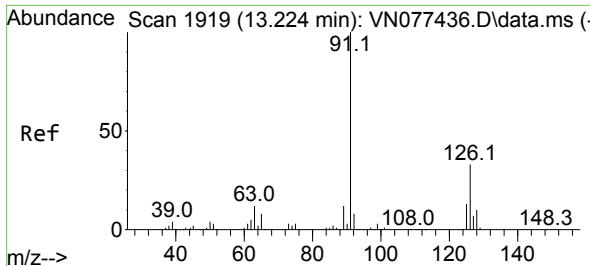
Tgt Ion:105 Resp: 454487
Ion Ratio Lower Upper
105 100
120 54.2 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 7.936 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.041 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 75 Resp: 29837
Ion Ratio Lower Upper
75 100
53 95.8 67.4 101.2
89 113.1 38.8 58.2#

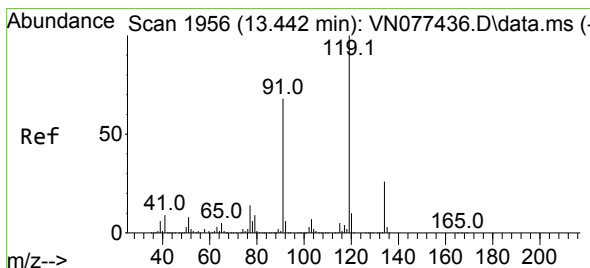
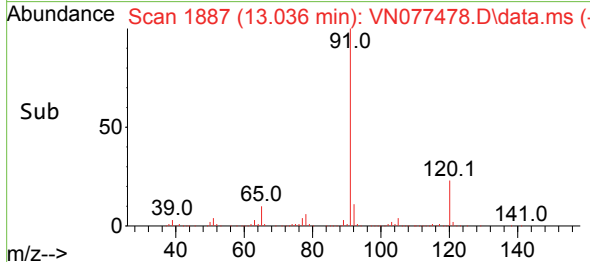
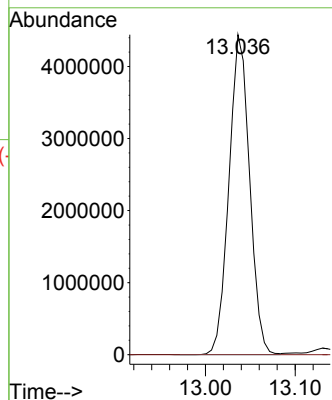
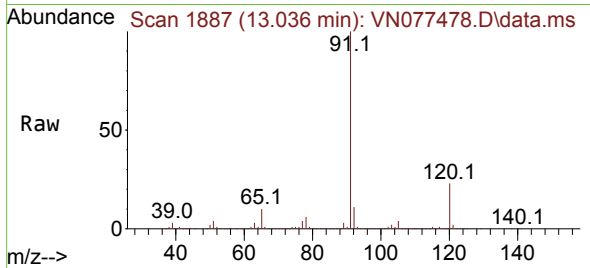




#82
4-Chlorotoluene
Concen: 262.928 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.188 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

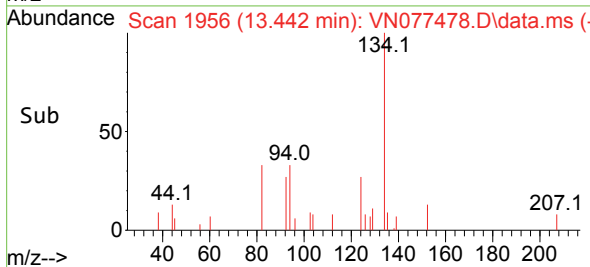
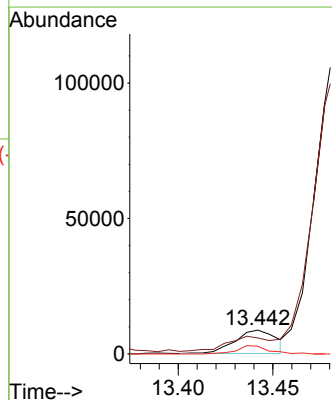
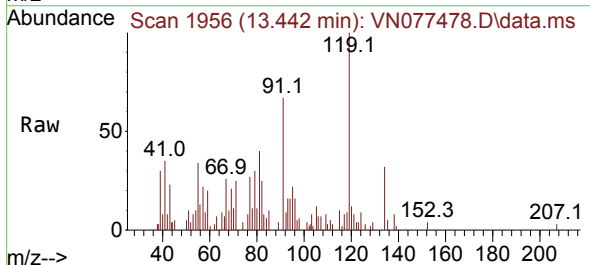
Instrument :
MSVOA_N
ClientSampleId :
MW-4

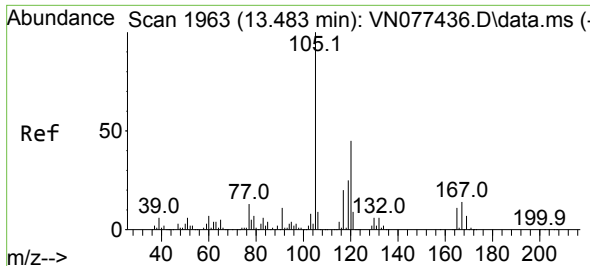
Tgt Ion: 91 Resp: 7099034
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#83
tert-Butylbenzene
Concen: 0.428 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion: 119 Resp: 13074
Ion Ratio Lower Upper
119 100
91 0.0 33.9 101.7#
134 0.0 13.2 39.6#

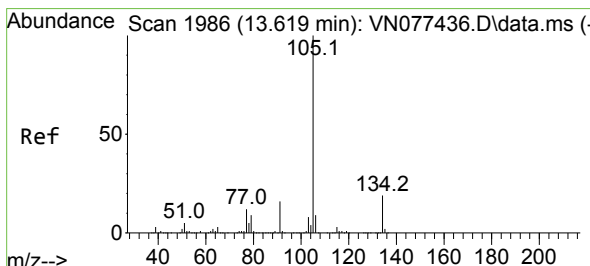
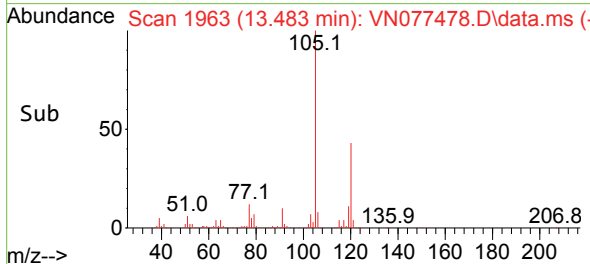
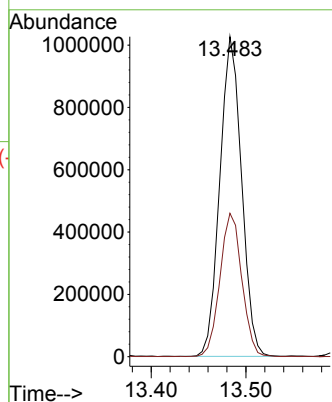
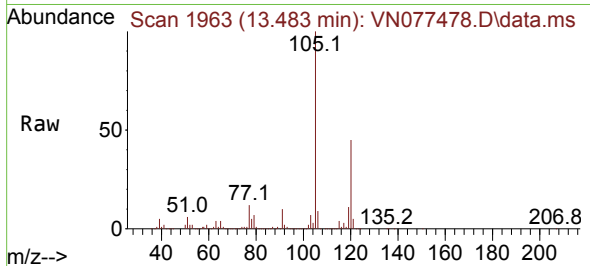




#84
1,2,4-Trimethylbenzene
Concen: 55.658 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

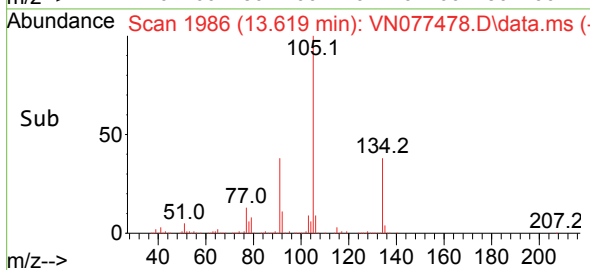
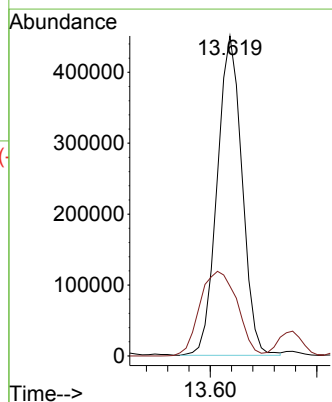
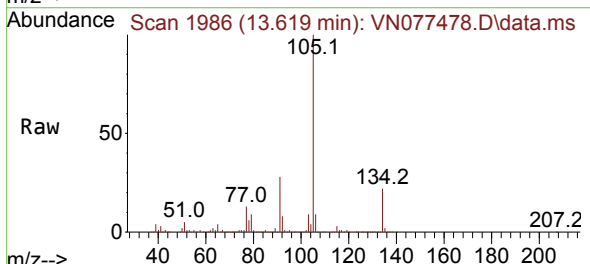
Instrument :
MSVOA_N
ClientSampleId :
MW-4

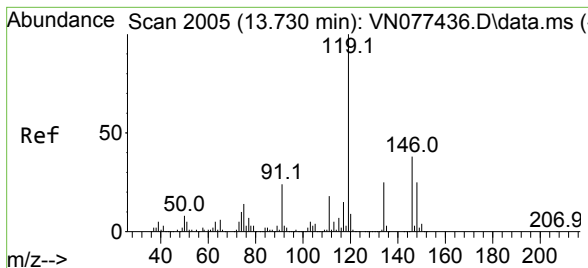
Tgt Ion:105 Resp: 1636128
Ion Ratio Lower Upper
105 100
120 45.1 22.0 66.0



#85
sec-Butylbenzene
Concen: 17.373 ug/l
RT: 13.619 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion:105 Resp: 728884
Ion Ratio Lower Upper
105 100
134 40.1 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 4.674 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VN077478.D

Acq: 25 Apr 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

MW-4

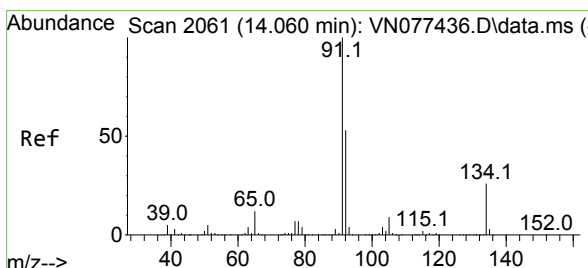
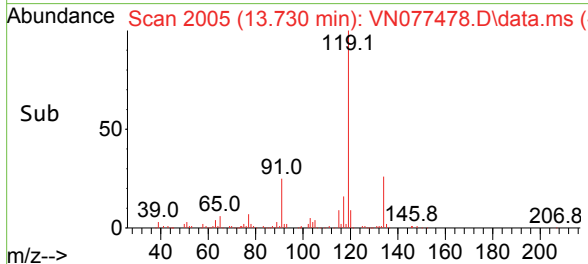
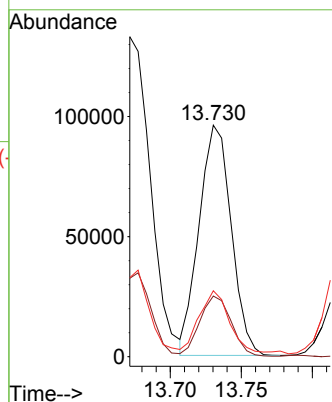
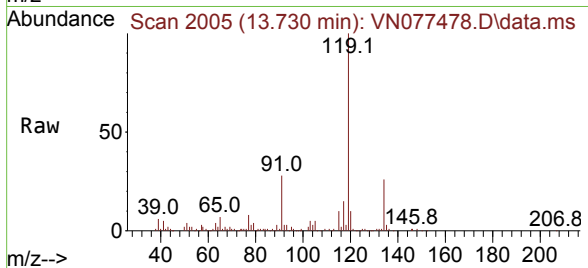
Tgt Ion:119 Resp: 150871

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 26.1 12.4 37.2



#89

n-Butylbenzene

Concen: 46.221 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077478.D

Acq: 25 Apr 2023 18:45

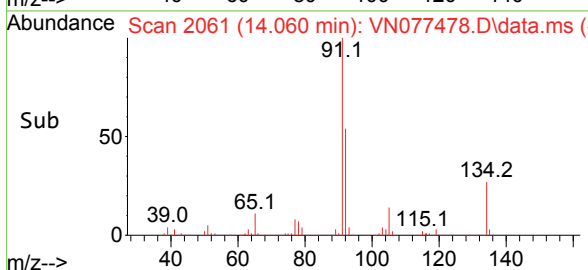
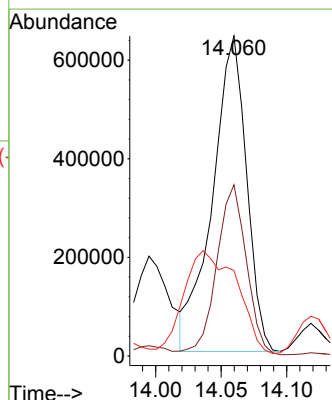
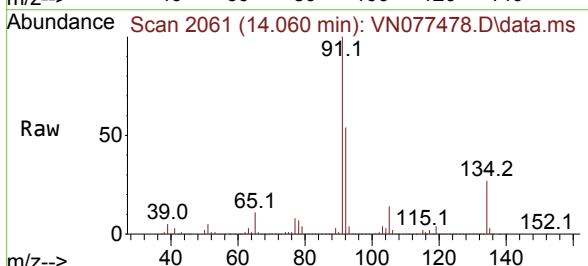
Tgt Ion: 91 Resp: 1154699

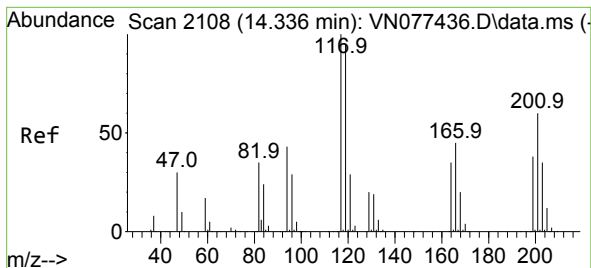
Ion Ratio Lower Upper

91 100

92 47.3 26.4 79.0

134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 67.926 ug/l

RT: 14.330 min Scan# 2108

Delta R.T. -0.006 min

Lab File: VN077478.D

Acq: 25 Apr 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

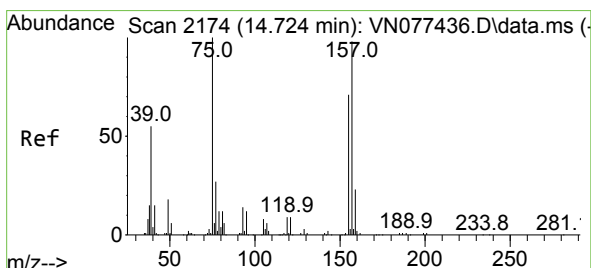
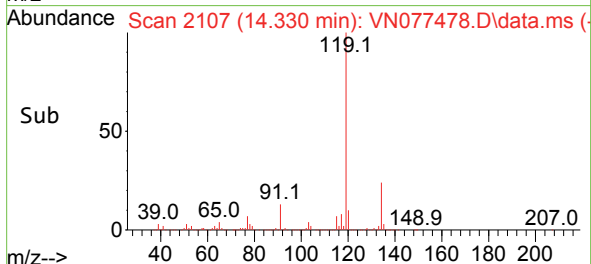
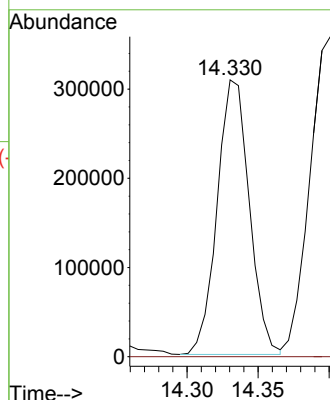
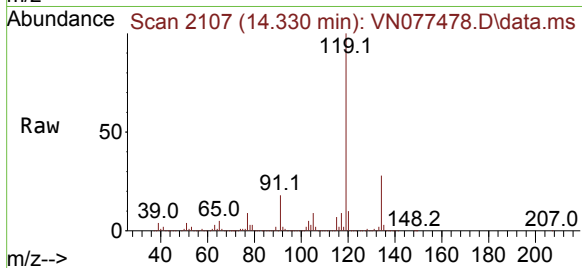
MW-4

Tgt Ion:117 Resp: 484437

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.644 ug/l

RT: 14.736 min Scan# 2176

Delta R.T. 0.012 min

Lab File: VN077478.D

Acq: 25 Apr 2023 18:45

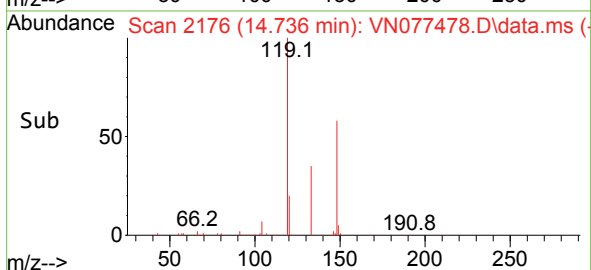
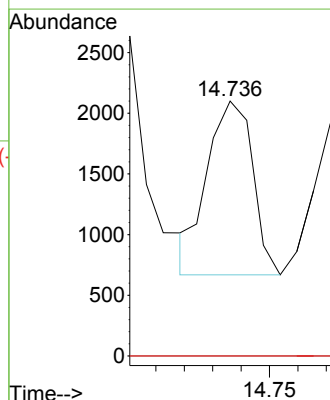
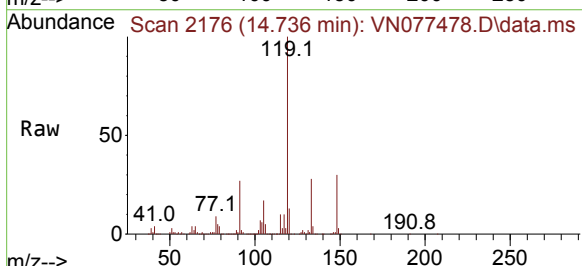
Tgt Ion: 75 Resp: 1587

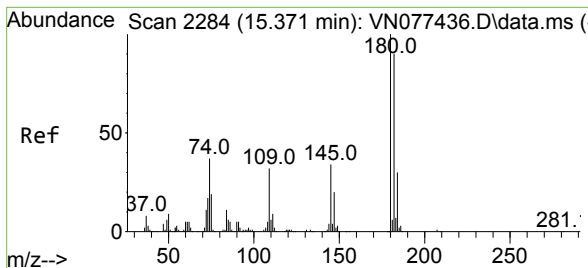
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#

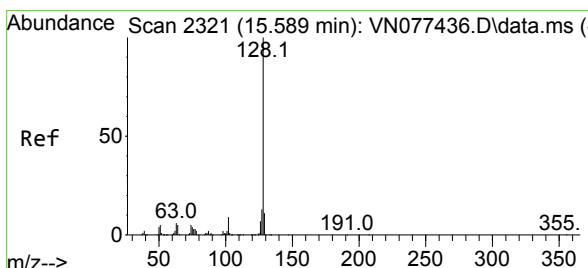
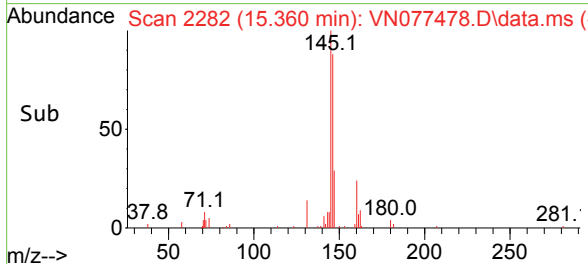
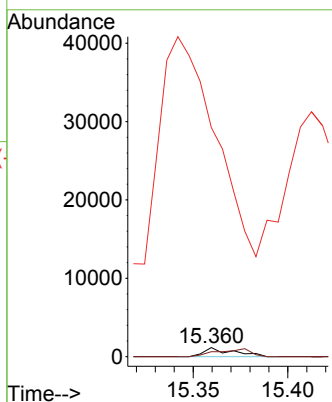
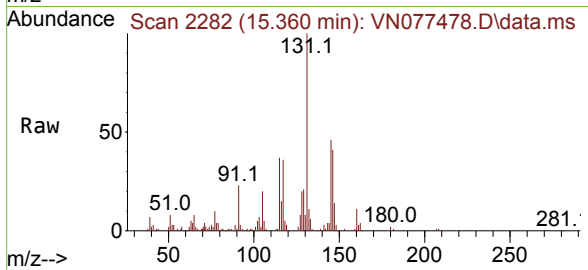




#93
1,2,4-Trichlorobenzene
Concen: 1.174 ug/l
RT: 15.360 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

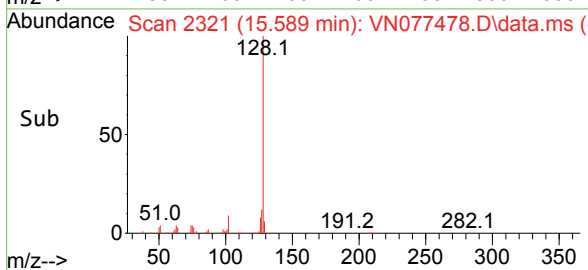
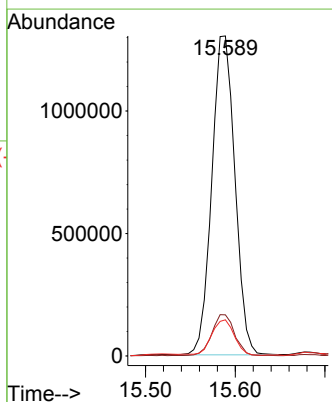
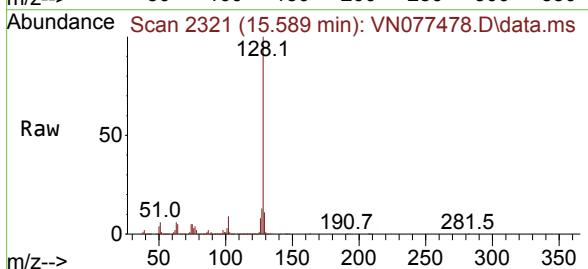
Instrument :
MSVOA_N
ClientSampleId :
MW-4

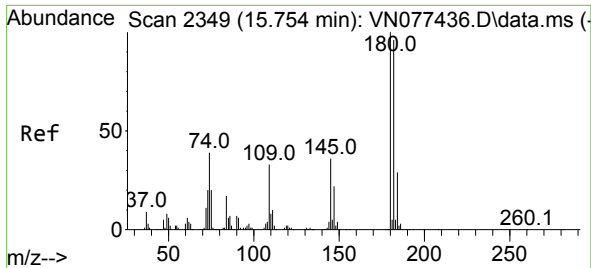
Tgt Ion:180 Resp: 1249
Ion Ratio Lower Upper
180 100
182 98.7 46.1 138.2
145 0.0 16.6 49.8#



#95
Naphthalene
Concen: 88.137 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077478.D
Acq: 25 Apr 2023 18:45

Tgt Ion:128 Resp: 2327141
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.783 ug/l
 RT: 15.760 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN077478.D
 Acq: 25 Apr 2023 18:45

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Tgt Ion:	180	Resp:	937
Ion	Ratio	Lower	Upper
180	100		
182	106.6	46.2	138.6
145	0.0	17.5	52.6#

