

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
 Data File : VN077480.D
 Acq On : 25 Apr 2023 19:34
 Operator : JC\MD
 Sample : 02460-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Apr 26 04:24:40 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	655851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1210863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1112925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	498476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	404554	47.272	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.540%
35) Dibromofluoromethane	8.172	113	376716	51.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.520%
50) Toluene-d8	10.566	98	1540286	55.222	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.440%
62) 4-Bromofluorobenzene	12.848	95	533259	58.434	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.860%
Target Compounds						
					Qvalue	
3) Chloromethane	2.366	50	2105	0.320	ug/l #	73
6) Chloroethane	3.254	64	15581	2.342	ug/l #	46
11) Tert butyl alcohol	5.531	59	1185	0.863	ug/l #	72
13) Acrolein	4.160	56	32074	23.468	ug/l #	1
14) Allyl chloride	5.143	41	89365	10.982	ug/l #	69
15) Acrylonitrile	5.825	53	266135	85.390	ug/l #	40
16) Acetone	4.431	43	1075772	395.115	ug/l #	55
17) Carbon Disulfide	4.737	76	5962	0.321	ug/l	97
18) Methyl Acetate	5.290	43	2773260	263.764	ug/l #	42
19) Methyl tert-butyl Ether	5.801	73	11999	0.493	ug/l #	1
20) Methylene Chloride	5.148	84	43874	5.081	ug/l #	19
23) Vinyl Acetate	6.666	43	34404	2.950	ug/l #	69
25) 2-Butanone	7.495	43	115392	29.881	ug/l #	81
26) 2,2-Dichloropropane	7.331	77	59126	4.613	ug/l #	53
29) Tetrahydrofuran	7.842	42	2960	1.223	ug/l #	20
30) Chloroform	7.942	83	158088	10.611	ug/l #	15
31) Cyclohexane	8.260	56	2635242	217.369	ug/l #	90
36) 1,1-Dichloropropene	8.236	75	57512	5.470	ug/l #	48
37) Ethyl Acetate	7.495	43	115392	14.443	ug/l #	63
38) Carbon Tetrachloride	8.231	117	73296	6.318	ug/l #	14
39) Methylcyclohexane	9.607	83	3064384	221.209	ug/l	98
40) Benzene	8.613	78	118927	3.713	ug/l	98
41) Methacrylonitrile	7.754	41	10170	2.444	ug/l #	34
43) Isopropyl Acetate	8.707	43	232444	16.817	ug/l #	49
45) 1,2-Dichloropropane	9.601	63	34480	4.595	ug/l #	1
47) Bromodichloromethane	9.883	83	54622	4.638	ug/l #	28
48) Methyl methacrylate	9.607	41	1262987	200.737	ug/l #	67
51) 4-Methyl-2-Pentanone	10.577	43	24180	2.982	ug/l	93
52) Toluene	10.630	92	85567	4.078	ug/l	99
55) 1,1,2-Trichloroethane	11.007	97	227579	26.971	ug/l #	21
56) Ethyl methacrylate	10.913	69	42536	3.598	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.166	63	8171	2.043	ug/l #	42
59) 2-Hexanone	11.319	43	13430	2.279	ug/l	67
61) 1,2-Dibromoethane	11.442	107	2258	0.262	ug/l #	1
67) Ethyl Benzene	11.966	91	6914517	166.785	ug/l	99
68) m/p-Xylenes	12.077	106	980127	60.829	ug/l	99

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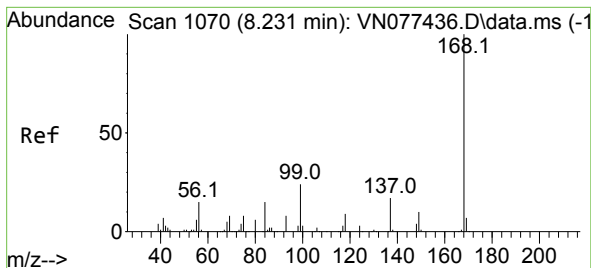
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

69) o-Xylene	12.401	106	28292	1.785	ug/l	92
71) Bromoform	12.848	173	3309	0.590	ug/l #	1
73) Isopropylbenzene	12.695	105	3948980	85.372	ug/l	99
74) N-amyl acetate	12.454	43	9991	0.730	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.942	83	10979	0.755	ug/l #	78
76) 1,2,3-Trichloropropane	13.042	75	81586	7.038	ug/l #	1
78) n-propylbenzene	13.036	91	13021814	254.602	ug/l	99
79) 2-Chlorotoluene	13.036	91	13021814	412.945	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.177	105	688594	20.046	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.695	75	47273	11.522	ug/l #	63
82) 4-Chlorotoluene	13.036	91	13021814	441.919	ug/l #	41
83) tert-Butylbenzene	13.483	119	489520	14.674	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.483	105	4092901	127.578	ug/l	100
85) sec-Butylbenzene	13.618	105	877853	19.172	ug/l #	58
86) p-Isopropyltoluene	13.730	119	194786	5.529	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	4101	0.232	ug/l #	1
89) n-Butylbenzene	14.060	91	1339537	49.131	ug/l #	80
90) Hexachloroethane	14.330	117	596338	76.617	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.730	75	2505	0.932	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.359	180	570	0.955	ug/l #	45
95) Naphthalene	15.589	128	4958797	133.480	ug/l	100
96) 1,2,3-Trichlorobenzene	15.742	180	464	0.614	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

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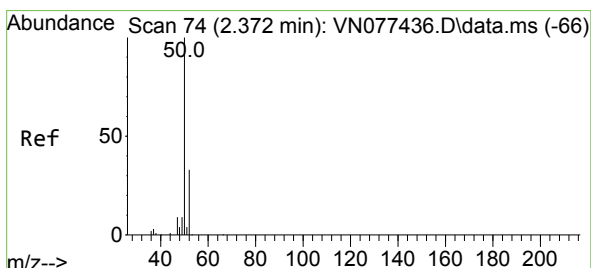
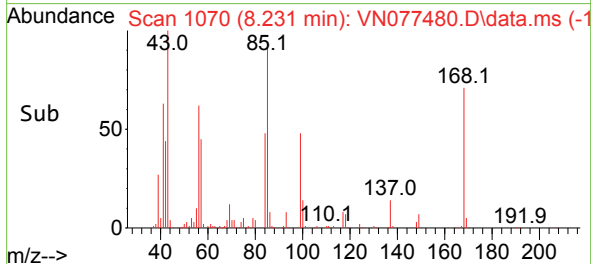
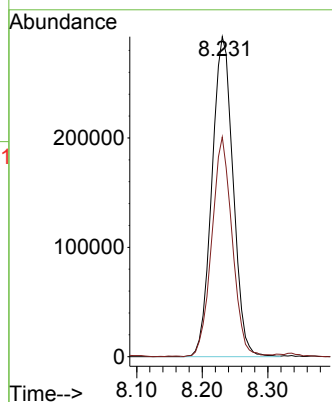
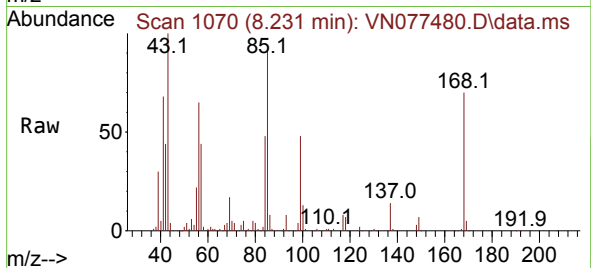
MW-5

Tgt Ion:168 Resp: 655851

Ion Ratio Lower Upper

168 100

99 68.5 53.0 79.6



#3

Chloromethane

Concen: 0.320 ug/l

RT: 2.366 min Scan# 73

Delta R.T. -0.006 min

Lab File: VN077480.D

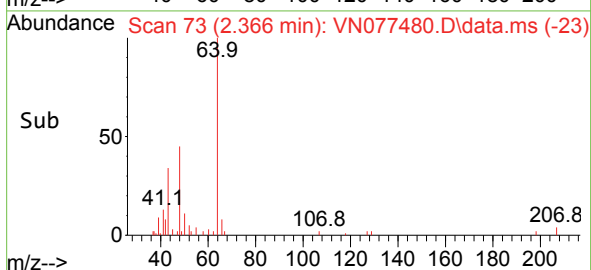
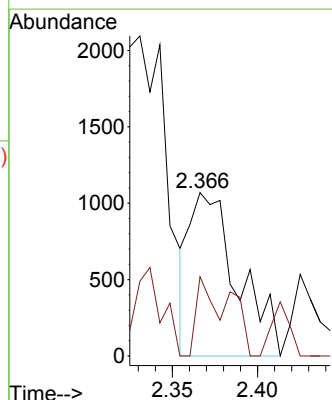
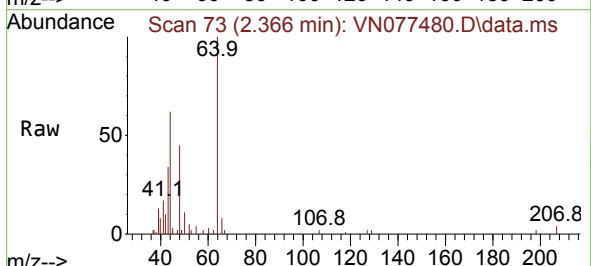
Acq: 25 Apr 2023 19:34

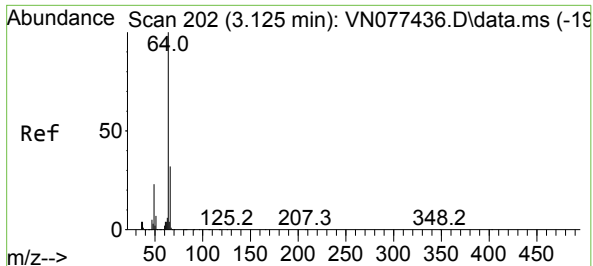
Tgt Ion: 50 Resp: 2105

Ion Ratio Lower Upper

50 100

52 48.5 26.5 39.7#

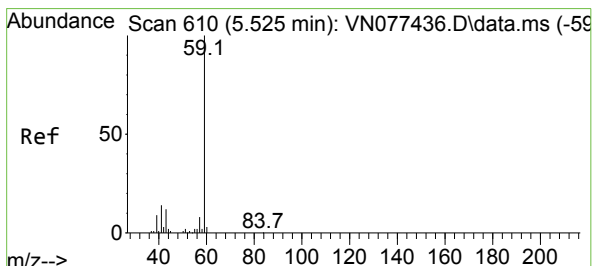
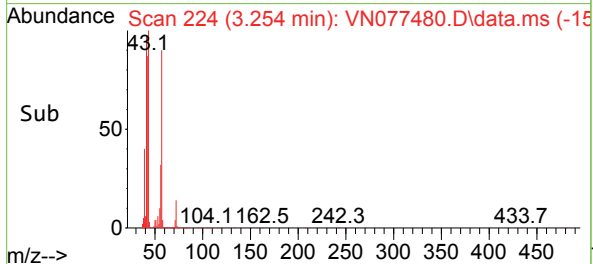
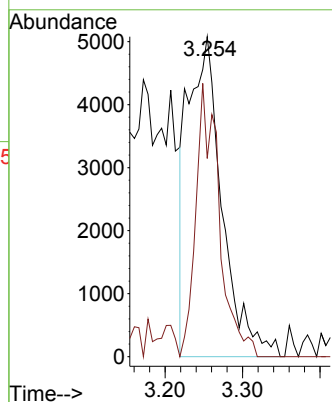
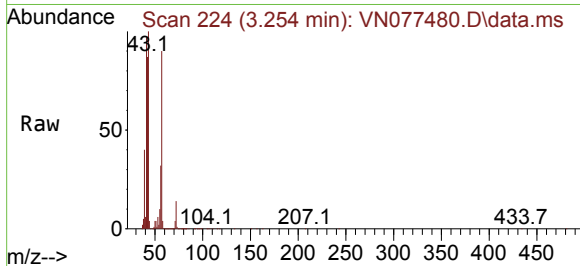




#6
Chloroethane
Concen: 2.342 ug/l
RT: 3.254 min Scan# 21
Delta R.T. 0.129 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

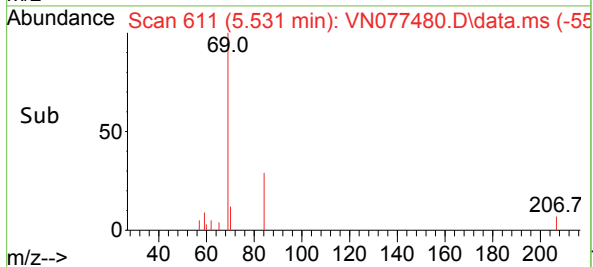
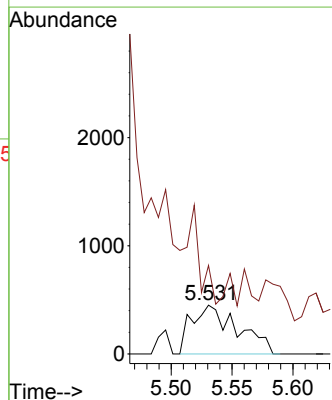
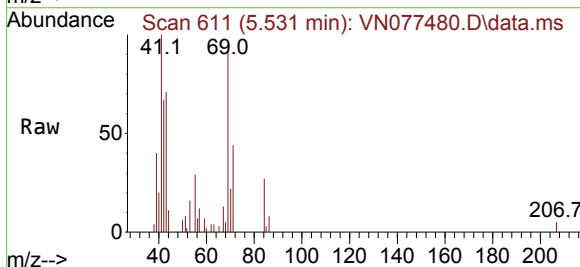
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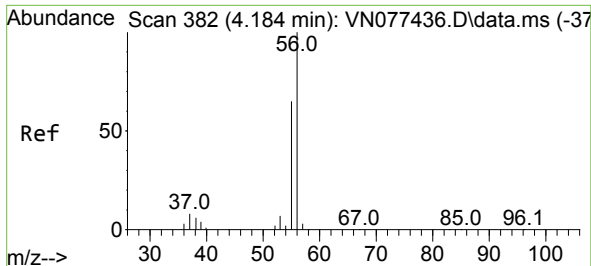
Tgt Ion: 64 Resp: 15581
Ion Ratio Lower Upper
64 100
66 62.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 0.863 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion: 59 Resp: 1185
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 23.468 ug/l

RT: 4.160 min Scan# 31

Delta R.T. -0.024 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

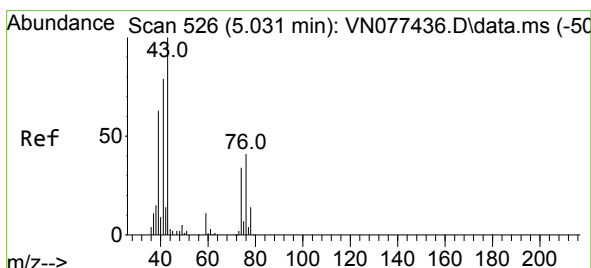
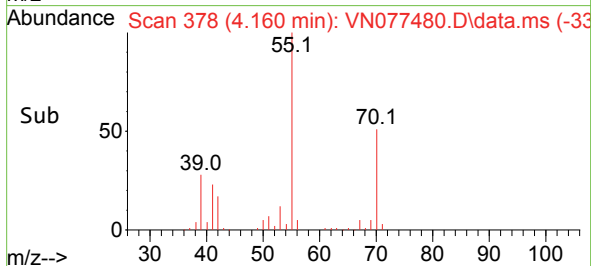
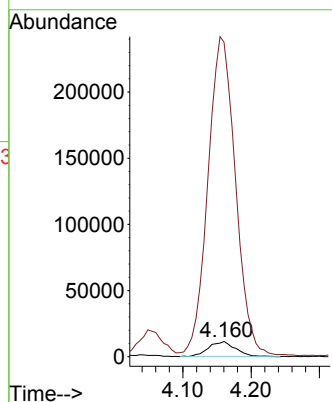
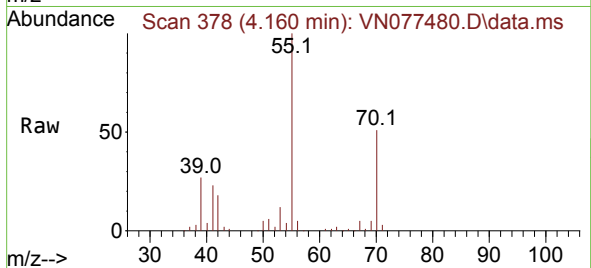
MW-5

Tgt Ion: 56 Resp: 32074

Ion Ratio Lower Upper

56 100

55 2125.4 54.5 81.7#



#14

Allyl chloride

Concen: 10.982 ug/l

RT: 5.143 min Scan# 545

Delta R.T. 0.112 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

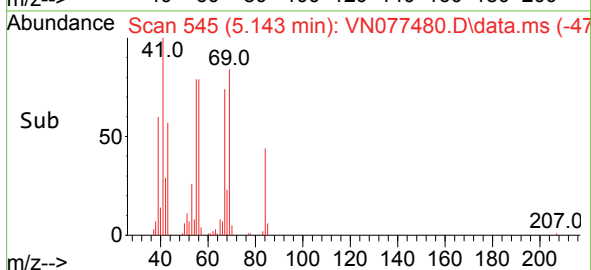
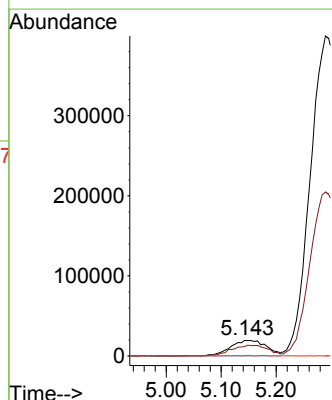
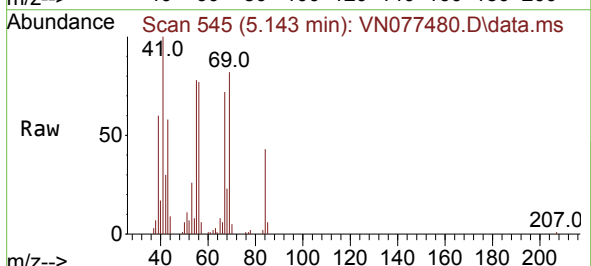
Tgt Ion: 41 Resp: 89365

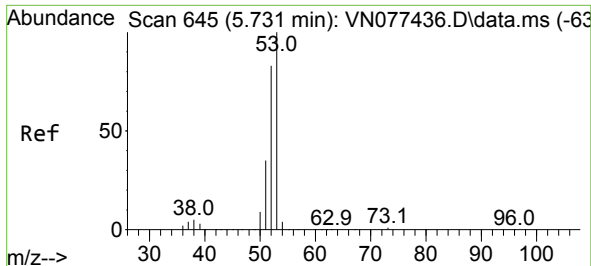
Ion Ratio Lower Upper

41 100

39 70.0 58.8 88.2

76 0.4 39.1 58.7#

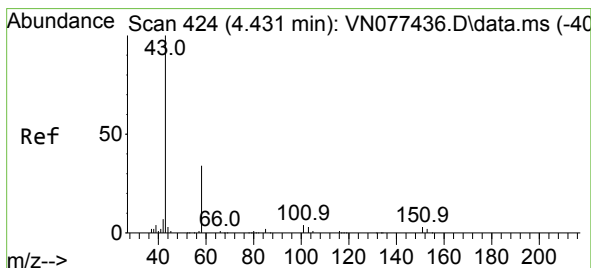
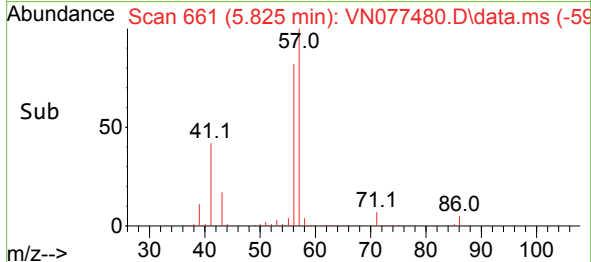
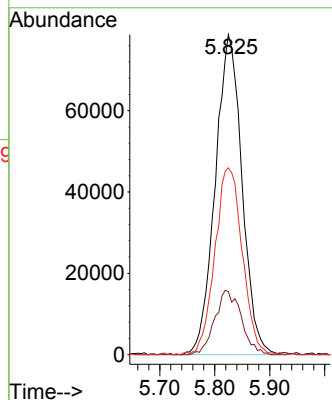
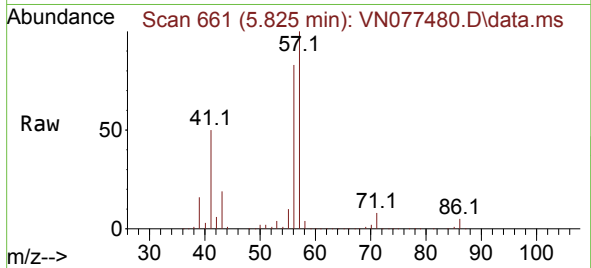




#15
Acrylonitrile
Concen: 85.390 ug/l
RT: 5.825 min Scan# 60
Delta R.T. 0.094 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

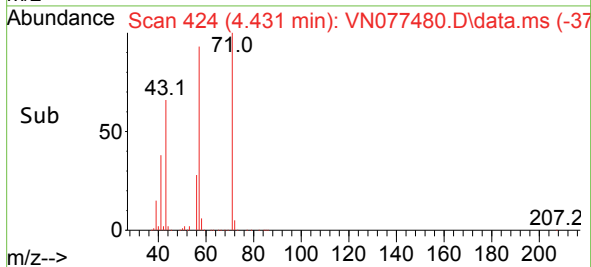
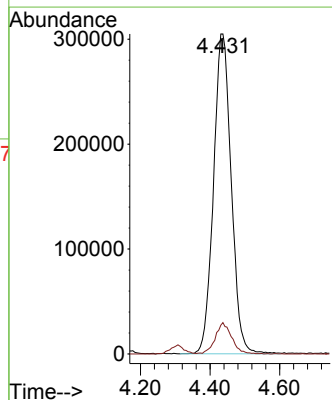
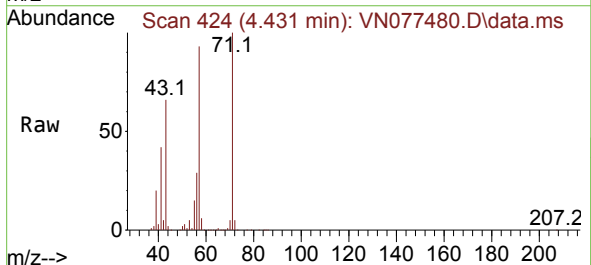
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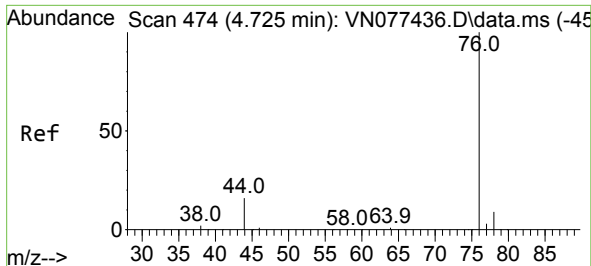
Tgt Ion: 53 Resp: 266135
Ion Ratio Lower Upper
53 100
52 19.9 65.3 97.9#
51 60.0 28.9 43.3#



#16
Acetone
Concen: 395.115 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion: 43 Resp: 1075772
Ion Ratio Lower Upper
43 100
58 8.9 28.0 42.0#





#17

Carbon Disulfide

Concen: 0.321 ug/l

RT: 4.737 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

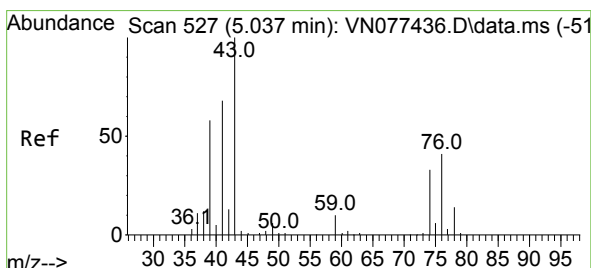
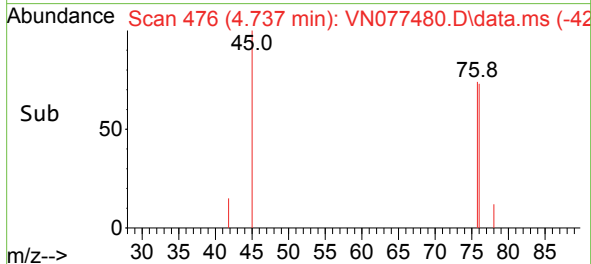
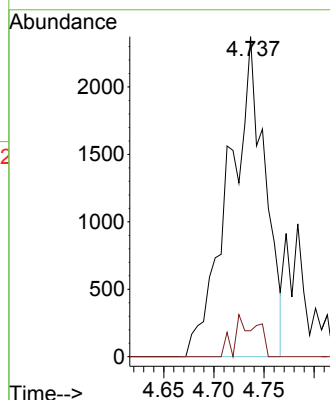
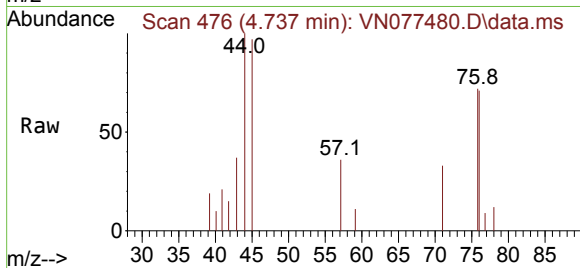
MW-5

Tgt Ion: 76 Resp: 5962

Ion Ratio Lower Upper

76 100

78 8.1 7.4 11.0



#18

Methyl Acetate

Concen: 263.764 ug/l

RT: 5.290 min Scan# 570

Delta R.T. 0.253 min

Lab File: VN077480.D

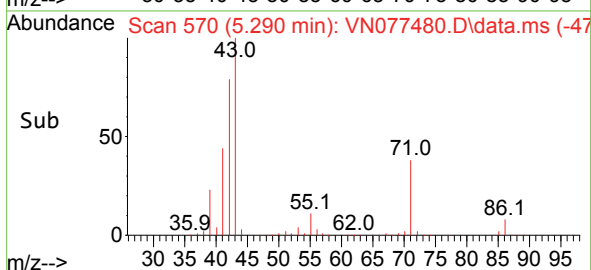
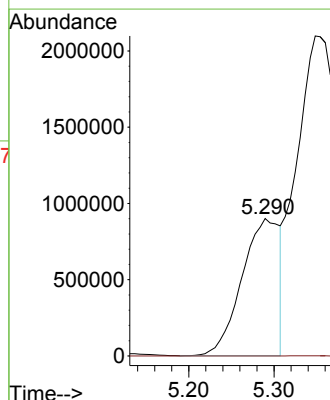
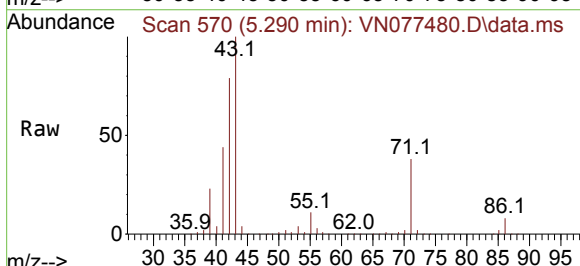
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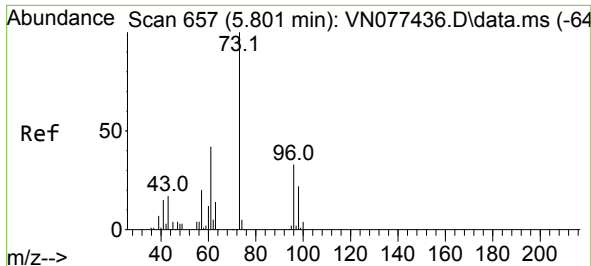
Tgt Ion: 43 Resp: 2773260

Ion Ratio Lower Upper

43 100

74 0.0 26.2 39.4#

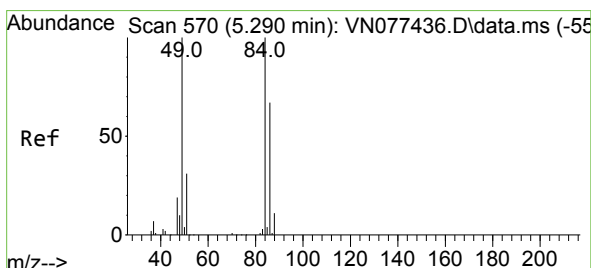
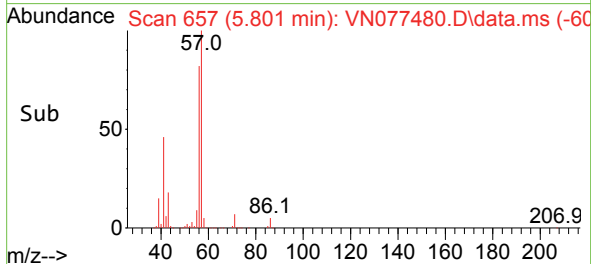
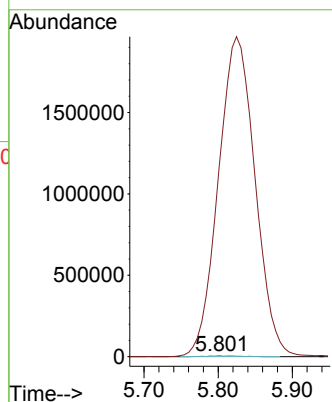
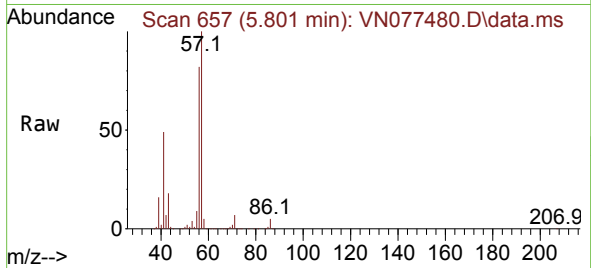




#19
Methyl tert-butyl Ether
Concen: 0.493 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

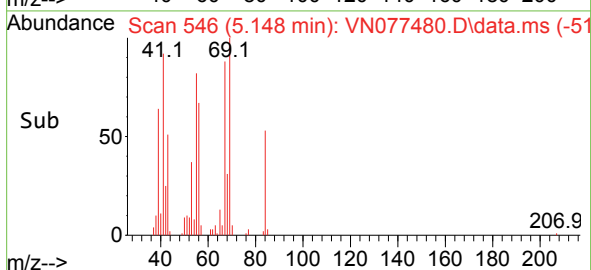
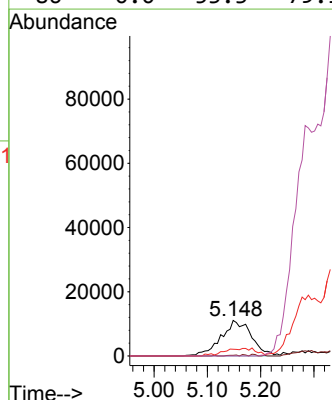
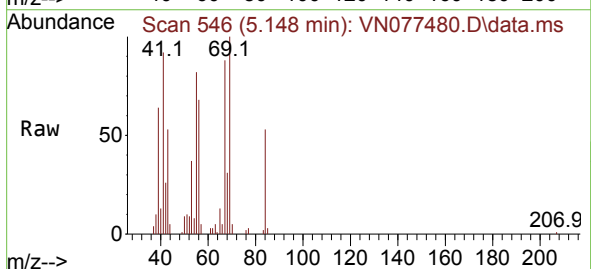
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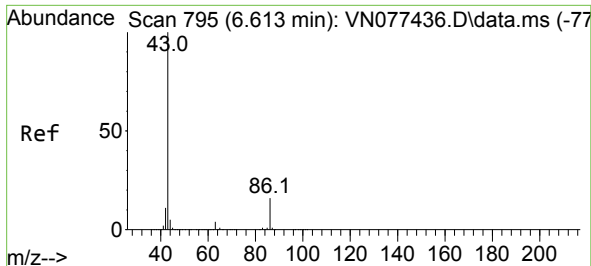
Tgt Ion: 73 Resp: 11999
Ion Ratio Lower Upper
73 100
57 31276.7 15.6 23.4#



#20
Methylene Chloride
Concen: 5.081 ug/l
RT: 5.148 min Scan# 546
Delta R.T. -0.141 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion: 84 Resp: 43874
Ion Ratio Lower Upper
84 100
49 1.9 79.7 119.5#
51 19.0 25.2 37.8#
86 0.0 53.3 79.9#

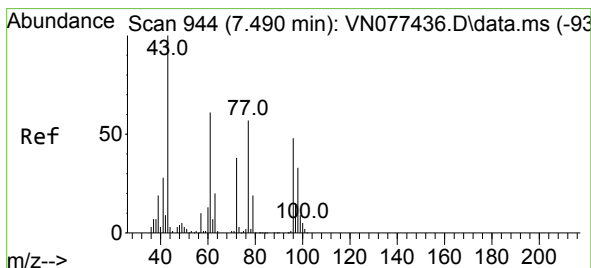
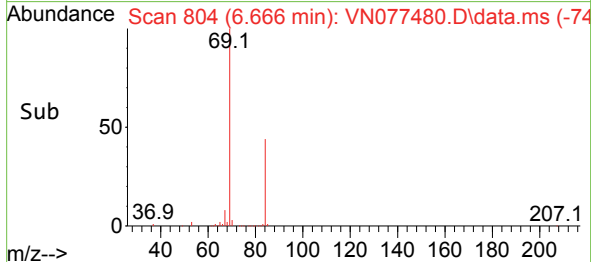
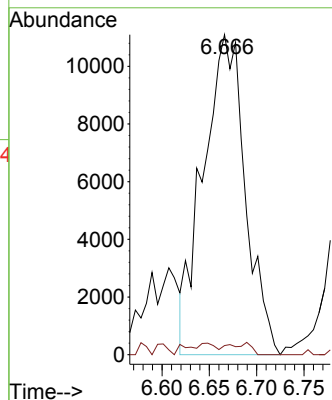
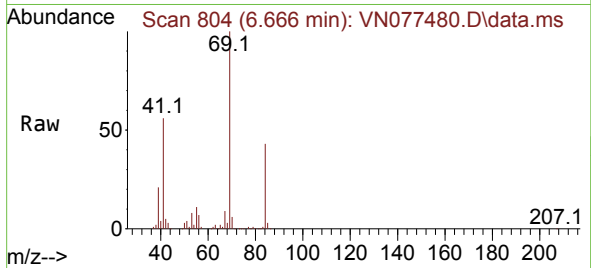




#23
 Vinyl Acetate
 Concen: 2.950 ug/l
 RT: 6.666 min Scan# 804
 Delta R.T. 0.053 min
 Lab File: VN077480.D
 Acq: 25 Apr 2023 19:34

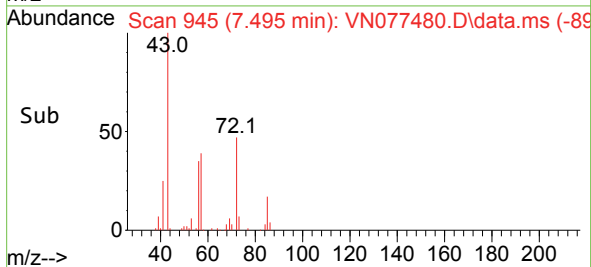
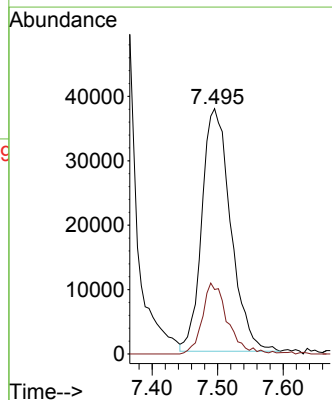
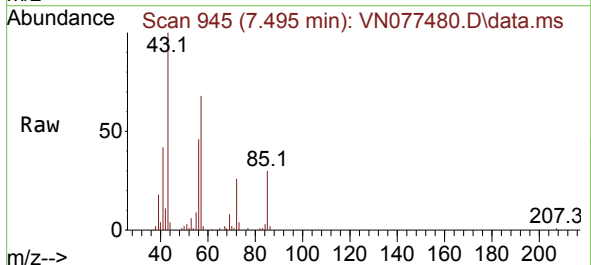
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

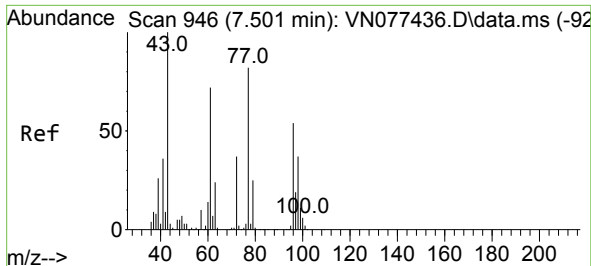
Tgt Ion: 43 Resp: 34404
 Ion Ratio Lower Upper
 43 100
 86 2.9 13.0 19.6#



#25
 2-Butanone
 Concen: 29.881 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.006 min
 Lab File: VN077480.D
 Acq: 25 Apr 2023 19:34

Tgt Ion: 43 Resp: 115392
 Ion Ratio Lower Upper
 43 100
 72 26.6 30.2 45.2#

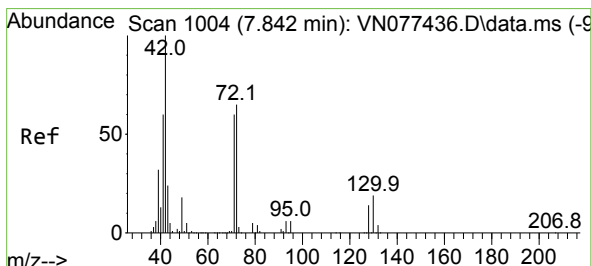
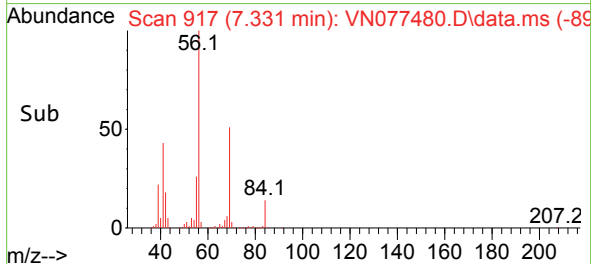
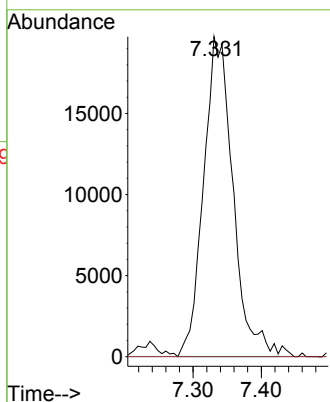
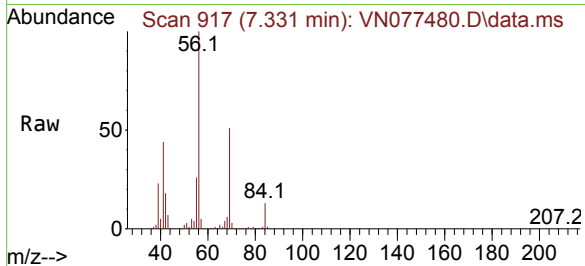




#26
2,2-Dichloropropane
Concen: 4.613 ug/l
RT: 7.331 min Scan# 917
Delta R.T. -0.171 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

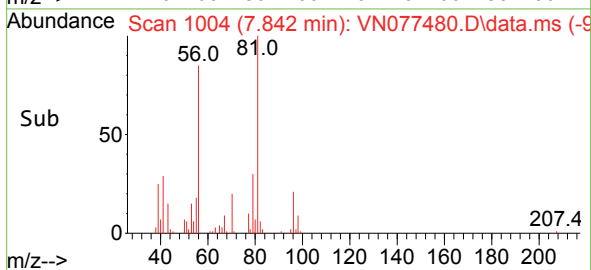
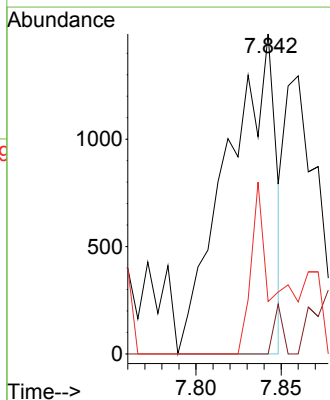
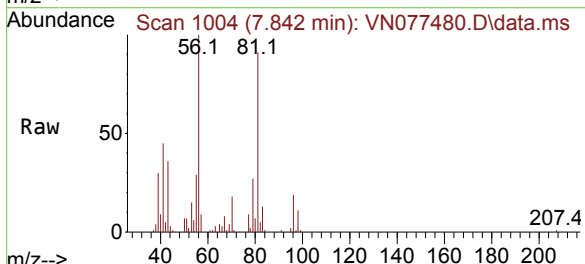
Instrument :
MSVOA_N
ClientSampleId :
MW-5

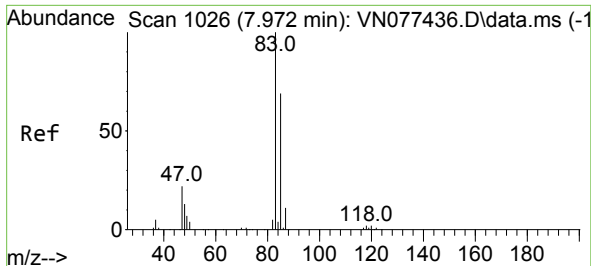
Tgt Ion: 77 Resp: 59126
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#29
Tetrahydrofuran
Concen: 1.223 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion: 42 Resp: 2960
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 0.0 47.4 71.2#





#30

Chloroform

Concen: 10.611 ug/l

RT: 7.942 min Scan# 1021

Delta R.T. -0.030 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

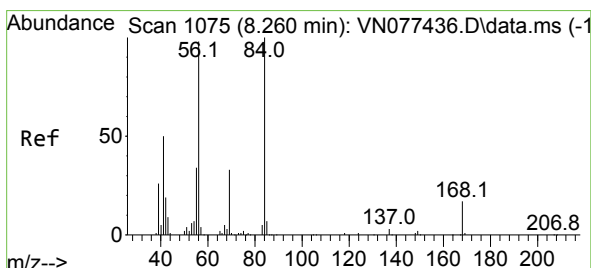
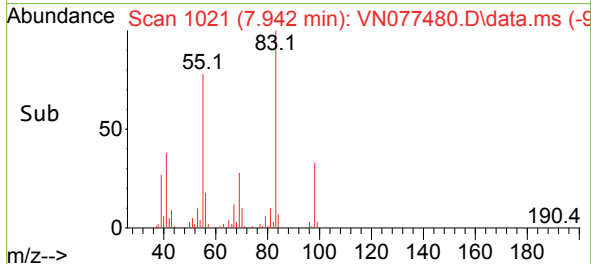
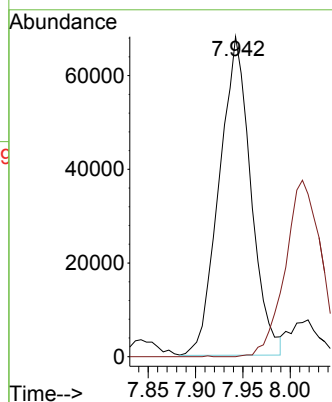
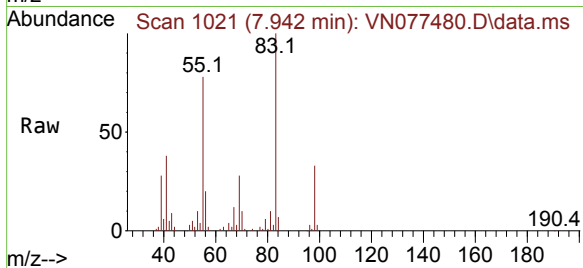
MW-5

Tgt Ion: 83 Resp: 158088

Ion Ratio Lower Upper

83 100

85 0.0 55.4 83.0#



#31

Cyclohexane

Concen: 217.369 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

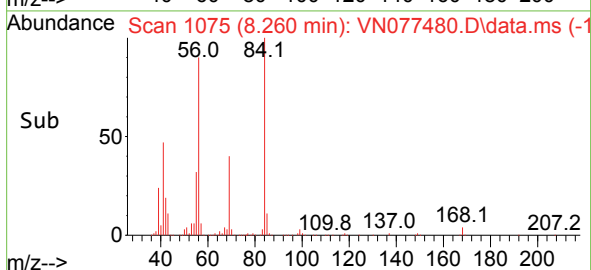
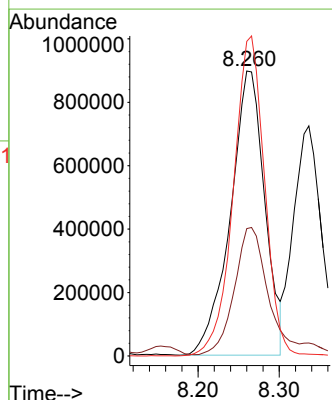
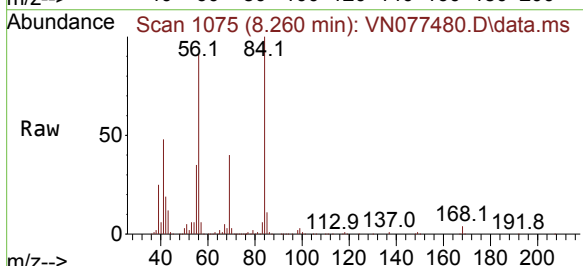
Tgt Ion: 56 Resp: 2635242

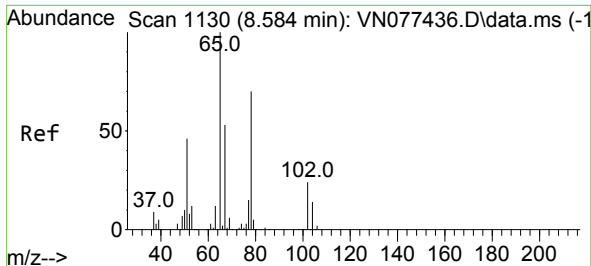
Ion Ratio Lower Upper

56 100

69 43.1 26.8 40.2#

84 110.6 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 47.272 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

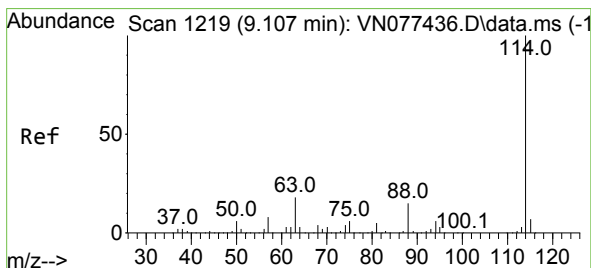
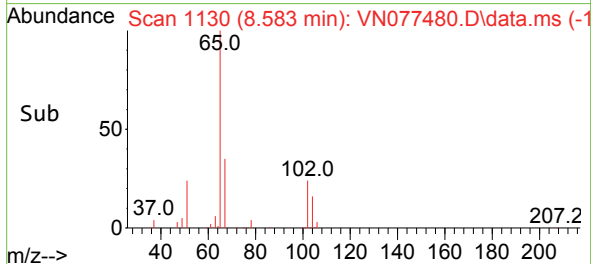
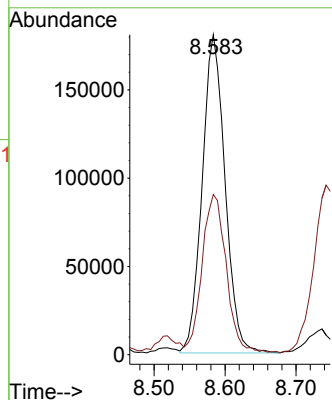
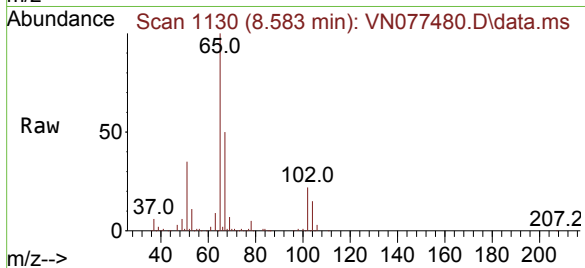
MW-5

Tgt Ion: 65 Resp: 404554

Ion Ratio Lower Upper

65 100

67 51.2 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: VN077480.D

Acq: 25 Apr 2023 19:34

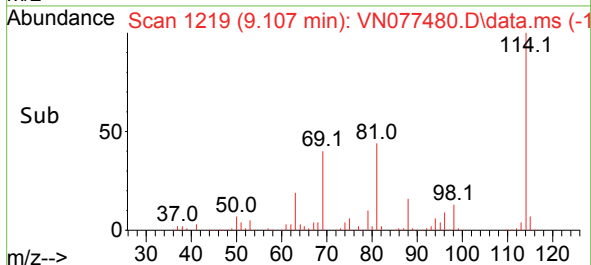
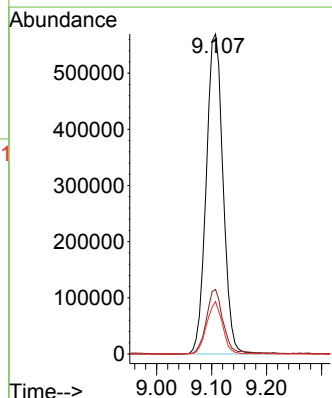
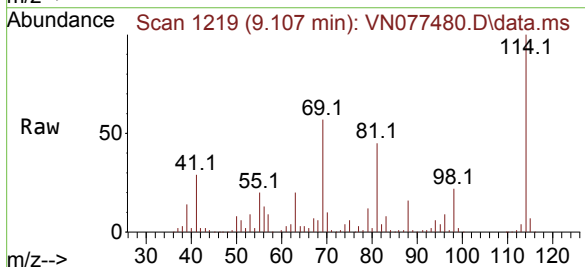
Tgt Ion: 114 Resp: 1210863

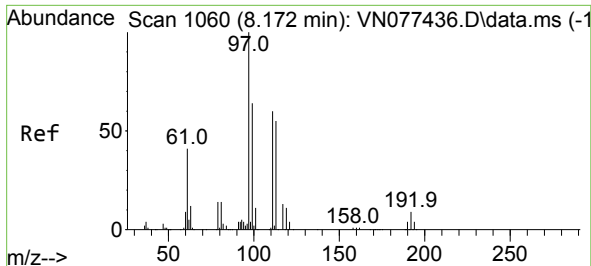
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 16.4 0.0 30.6

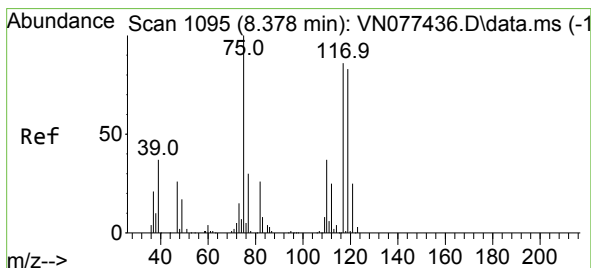
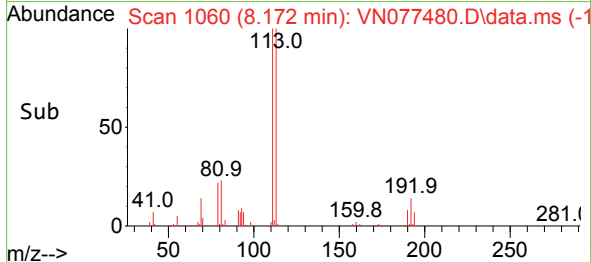
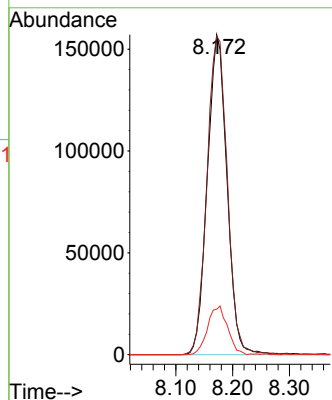
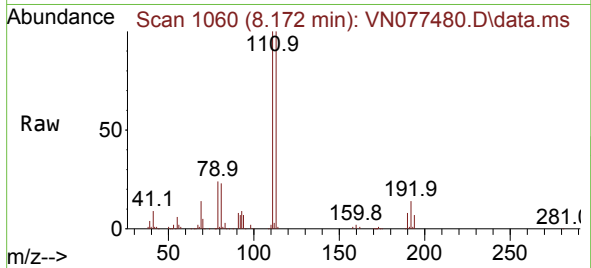




#35
Dibromofluoromethane
Concen: 51.762 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

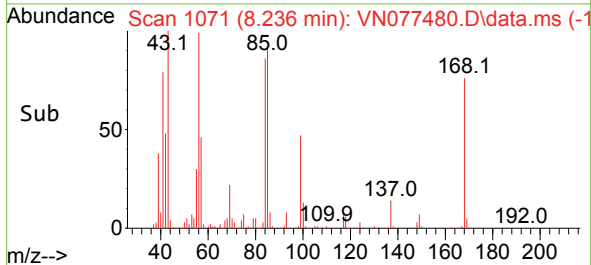
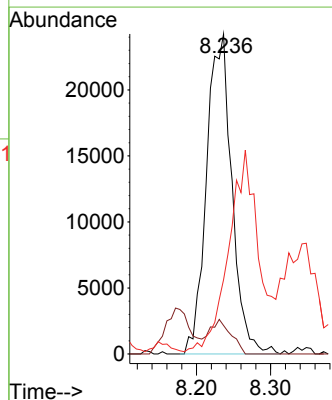
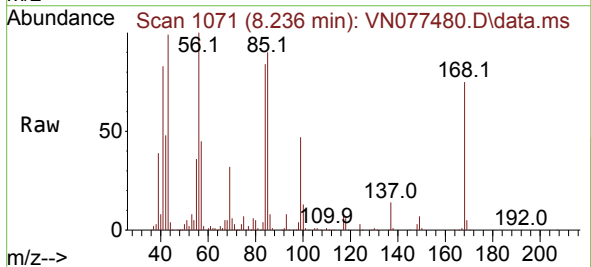
Instrument :
MSVOA_N
ClientSampleId :
MW-5

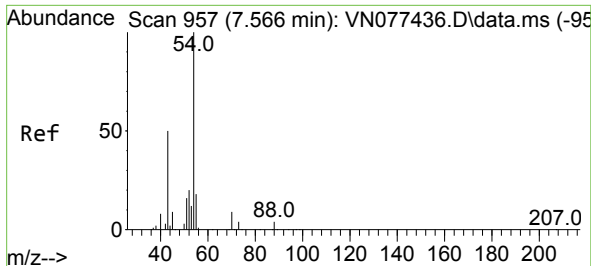
Tgt Ion:113 Resp: 376716
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 15.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.470 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.141 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion: 75 Resp: 57512
Ion Ratio Lower Upper
75 100
110 9.1 19.1 57.3#
77 0.0 25.0 37.4#

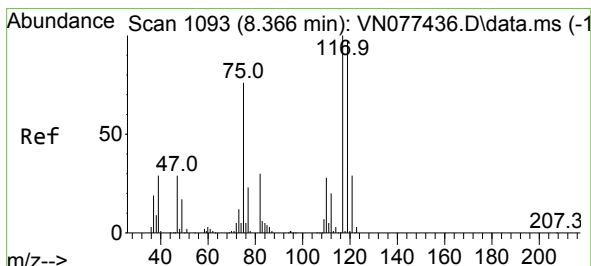
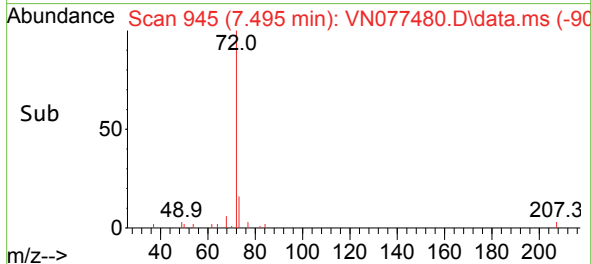
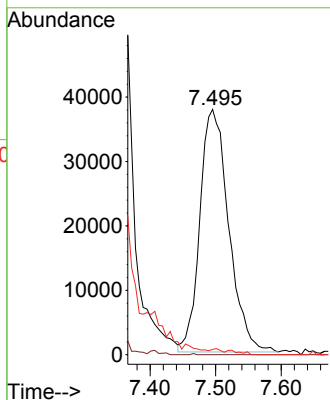
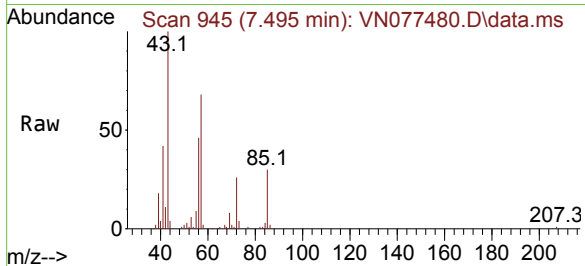




#37
Ethyl Acetate
Concen: 14.443 ug/l
RT: 7.495 min Scan# 94
Delta R.T. -0.071 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

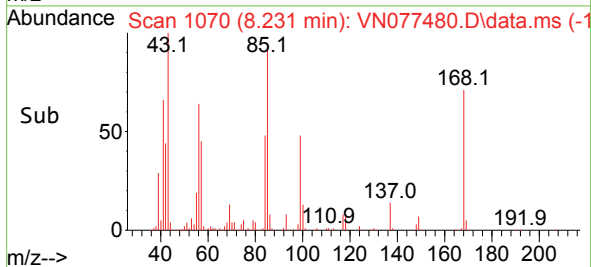
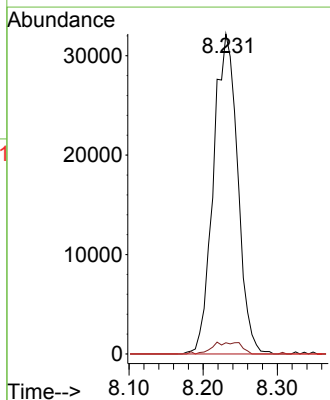
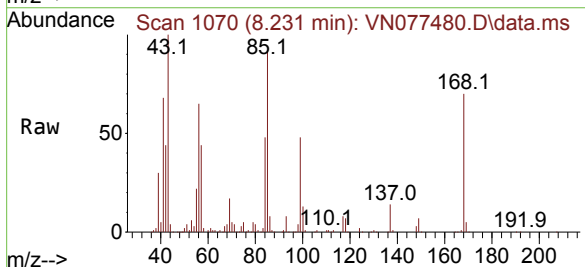
Instrument :
MSVOA_N
ClientSampleId :
MW-5

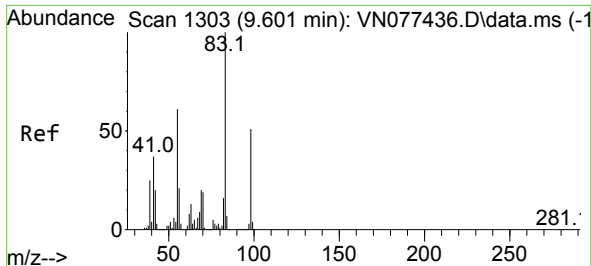
Tgt Ion: 43 Resp: 115392
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 6.318 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion: 117 Resp: 73296
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 221.209 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

MW-5

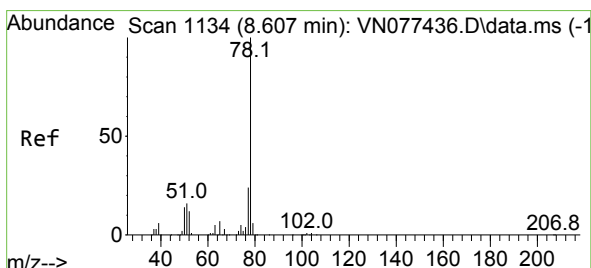
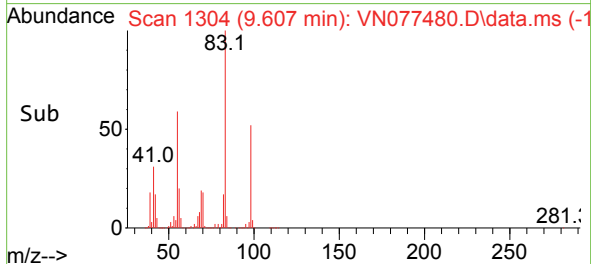
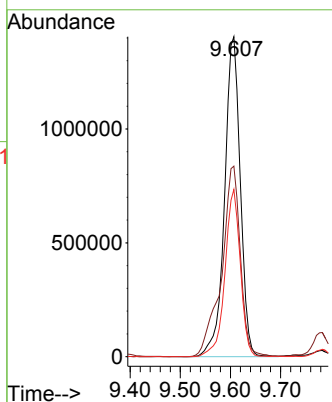
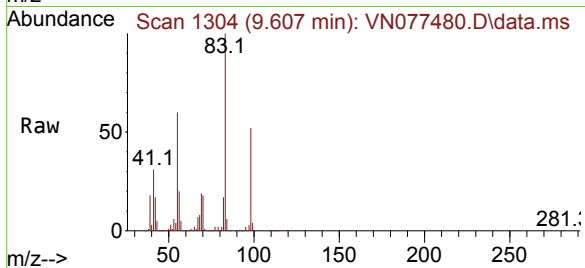
Tgt Ion: 83 Resp: 3064384

Ion Ratio Lower Upper

83 100

55 59.5 49.1 73.7

98 52.2 40.6 61.0



#40

Benzene

Concen: 3.713 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077480.D

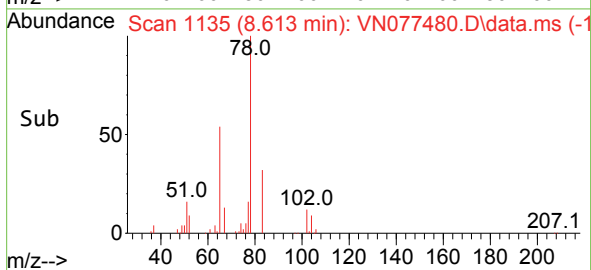
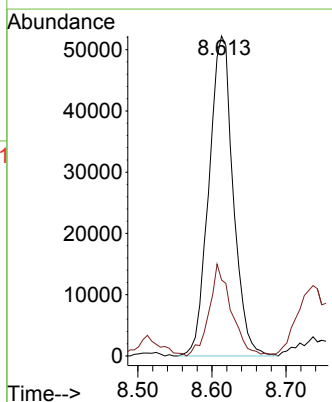
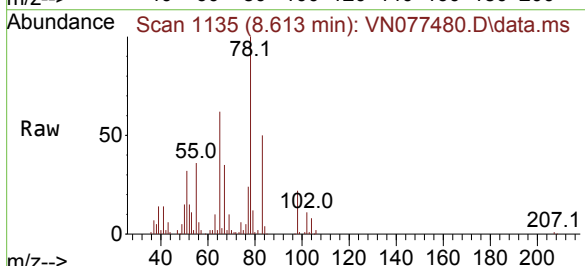
Acq: 25 Apr 2023 19:34

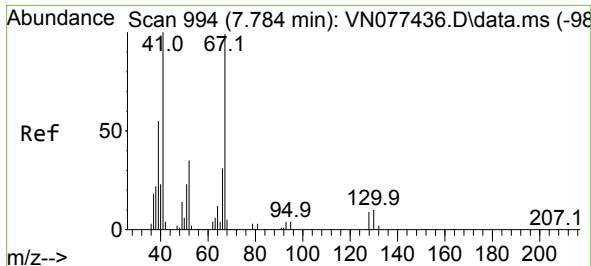
Tgt Ion: 78 Resp: 118927

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6

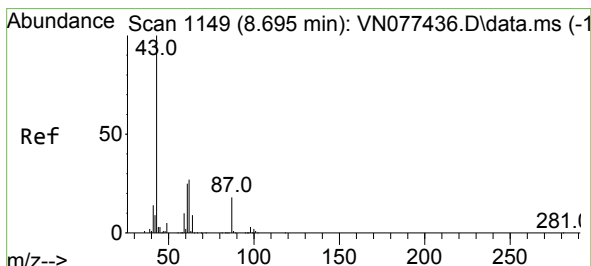
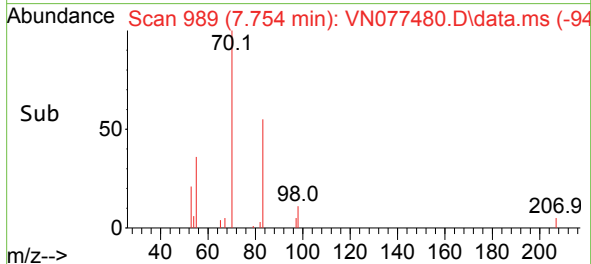
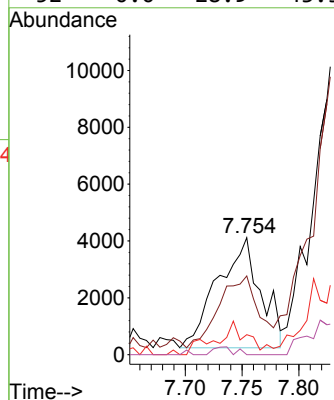
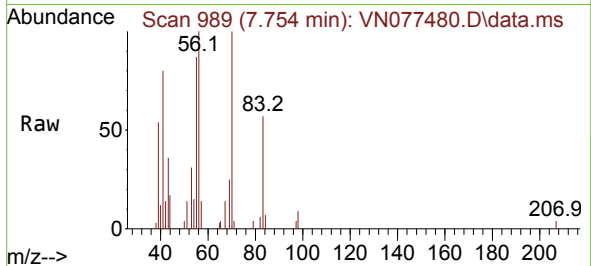




#41
Methacrylonitrile
Concen: 2.444 ug/l
RT: 7.754 min Scan# 91
Delta R.T. -0.030 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

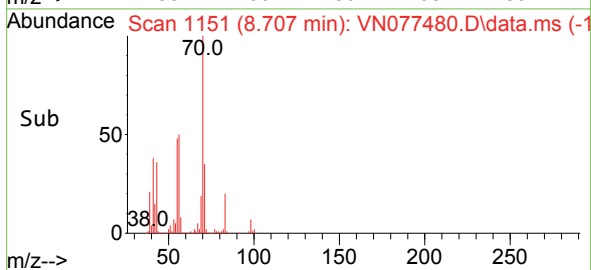
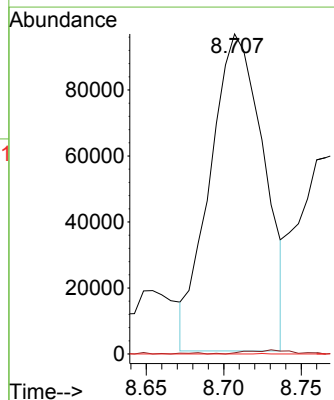
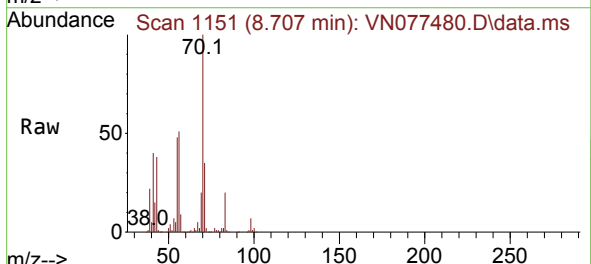
Instrument :
MSVOA_N
ClientSampleId :
MW-5

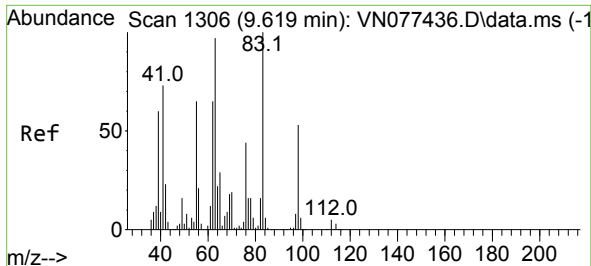
Tgt Ion:	41	Resp:	10170
Ion	Ratio	Lower	Upper
41	100		
39	60.4	42.6	64.0
67	0.0	77.5	116.3#
52	0.0	28.9	43.3#



#43
Isopropyl Acetate
Concen: 16.817 ug/l
RT: 8.707 min Scan# 1151
Delta R.T. 0.012 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion:	43	Resp:	232444
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: 4.595 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.018 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

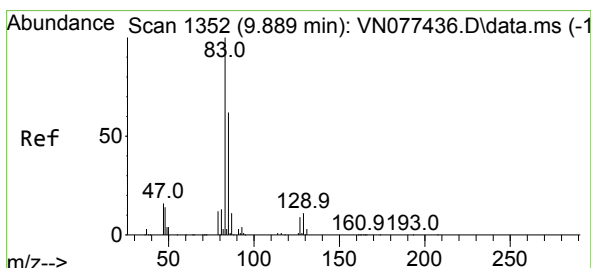
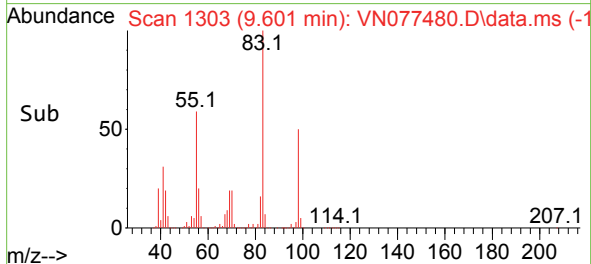
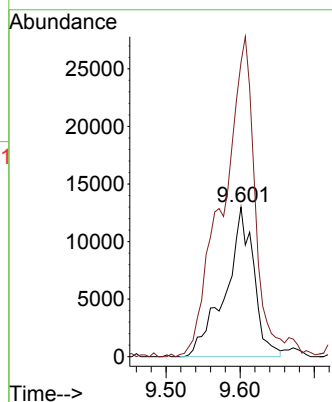
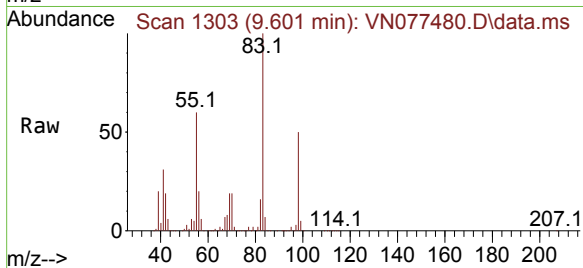
MW-5

Tgt Ion: 63 Resp: 34480

Ion Ratio Lower Upper

63 100

65 195.5 23.9 35.9#



#47

Bromodichloromethane

Concen: 4.638 ug/l

RT: 9.883 min Scan# 1351

Delta R.T. -0.006 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

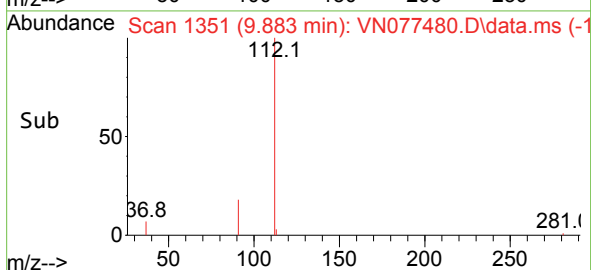
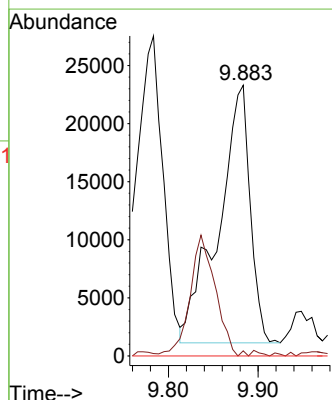
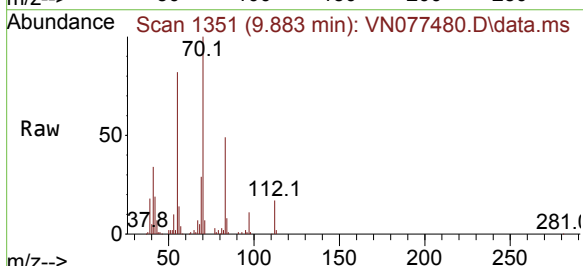
Tgt Ion: 83 Resp: 54622

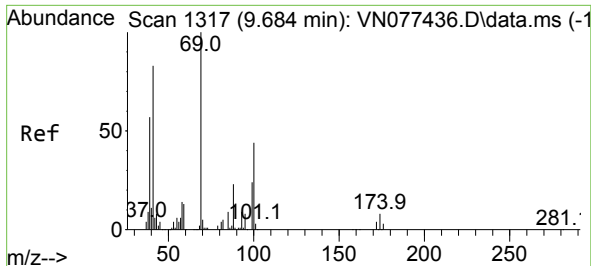
Ion Ratio Lower Upper

83 100

85 1.3 49.6 74.4#

127 0.0 7.0 10.6#





#48

Methyl methacrylate

Concen: 200.737 ug/l

RT: 9.607 min Scan# 11

Delta R.T. -0.077 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

Instrument :

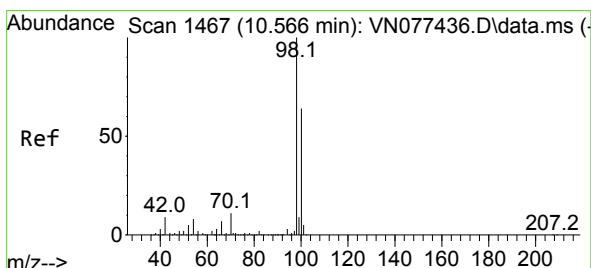
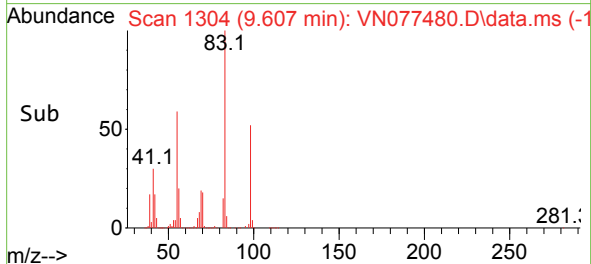
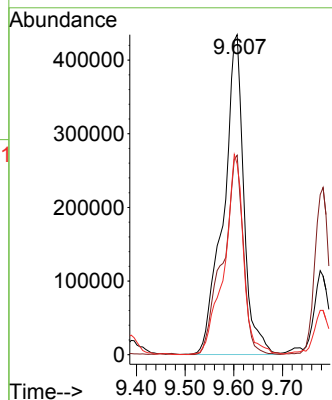
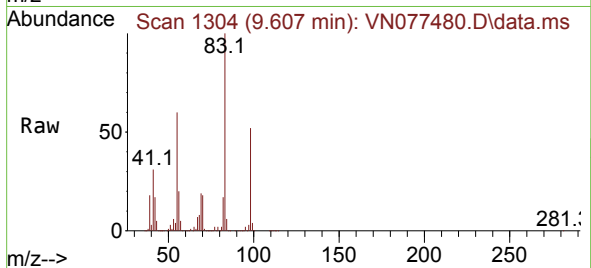
MSVOA_N

ClientSampleId :

MW-5

Tgt Ion: 41 Resp: 1262987

Ion	Ratio	Lower	Upper
41	100		
69	62.4	90.4	135.6#
39	59.6	54.6	81.8



#50

Toluene-d8

Concen: 55.222 ug/l

RT: 10.566 min Scan# 1467

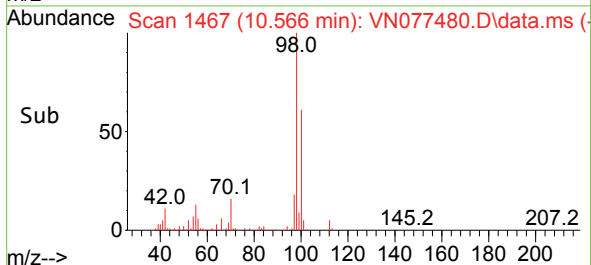
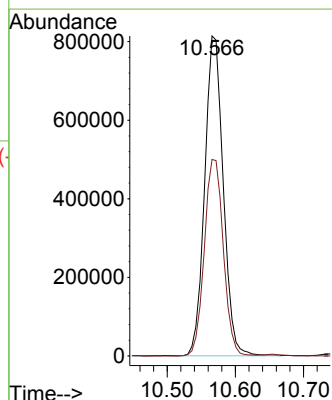
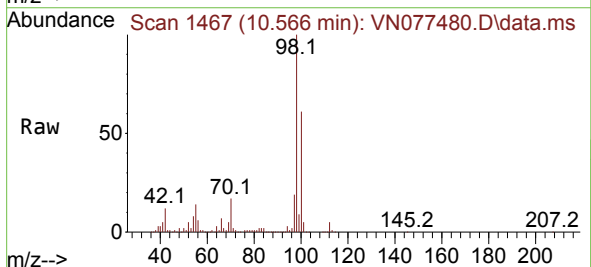
Delta R.T. -0.000 min

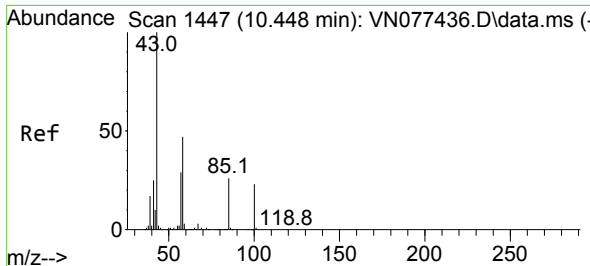
Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

Tgt Ion: 98 Resp: 1540286

Ion	Ratio	Lower	Upper
98	100		
100	63.0	52.0	78.0

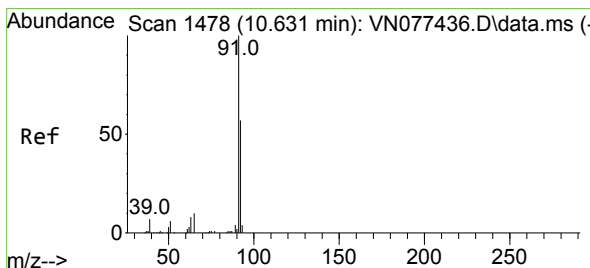
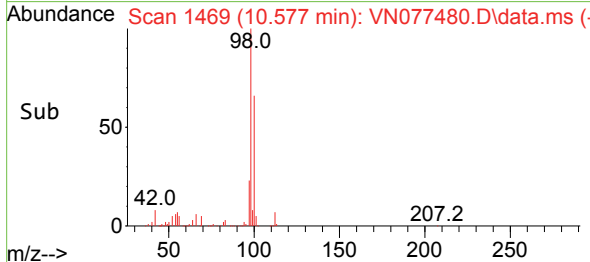
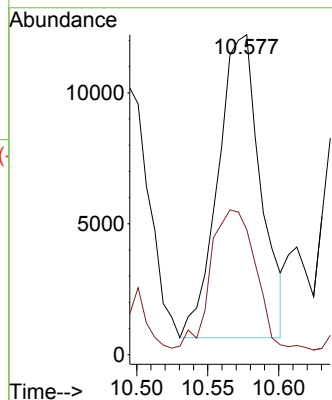
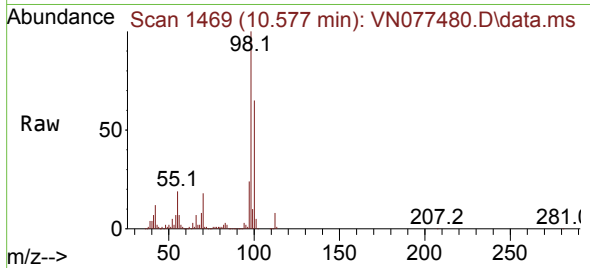




#51
4-Methyl-2-Pentanone
Concen: 2.982 ug/l
RT: 10.577 min Scan# 1447
Delta R.T. 0.129 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

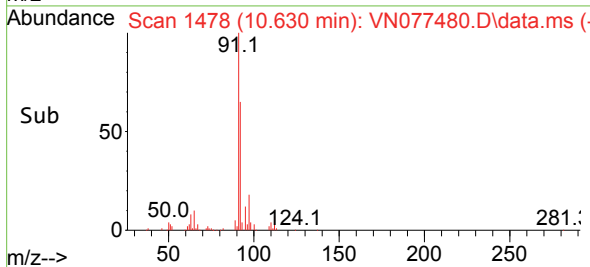
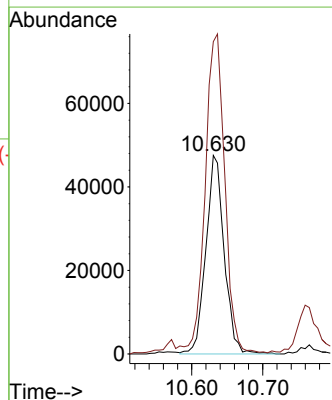
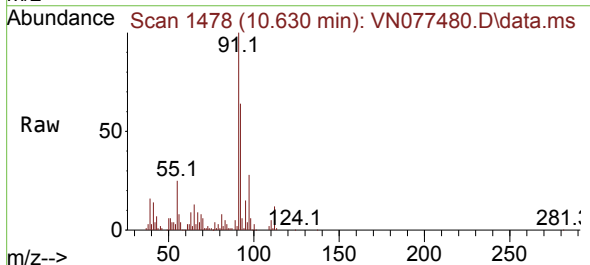
Instrument :
MSVOA_N
ClientSampleId :
MW-5

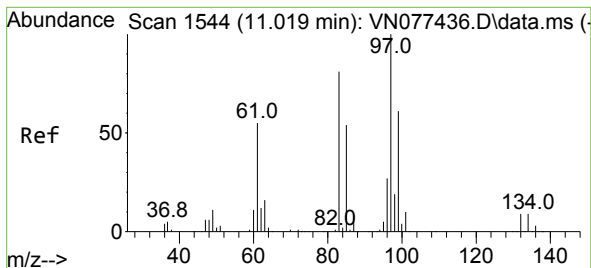
Tgt Ion: 43 Resp: 24180
Ion Ratio Lower Upper
43 100
58 50.2 36.6 54.8



#52
Toluene
Concen: 4.078 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion: 92 Resp: 85567
Ion Ratio Lower Upper
92 100
91 169.7 137.4 206.0





#55

1,1,2-Trichloroethane

Concen: 26.971 ug/l

RT: 11.007 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

MW-5

Tgt Ion: 97 Resp: 227579

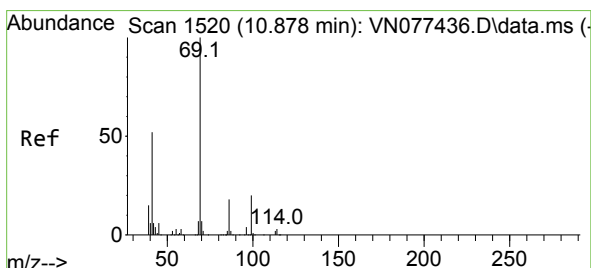
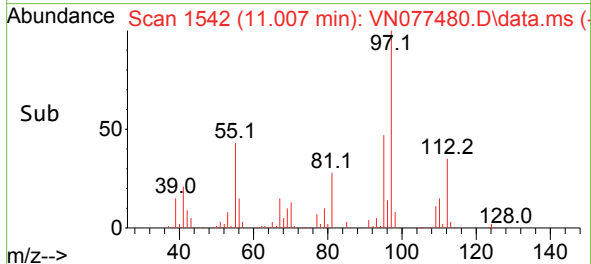
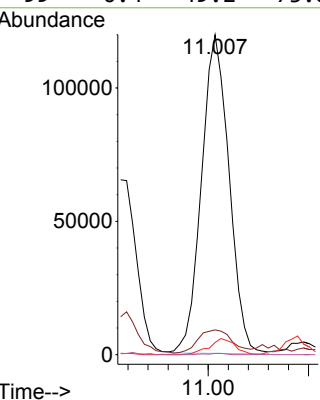
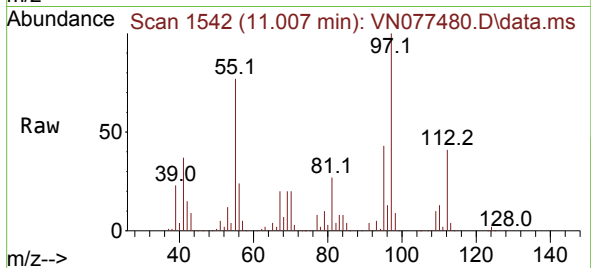
Ion Ratio Lower Upper

97 100

83 6.9 65.1 97.7#

85 3.8 43.4 65.2#

99 0.4 49.2 73.8#



#56

Ethyl methacrylate

Concen: 3.598 ug/l

RT: 10.913 min Scan# 1526

Delta R.T. 0.035 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

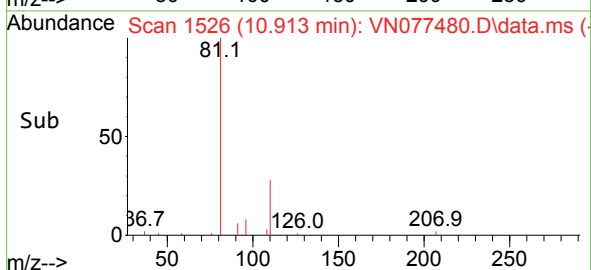
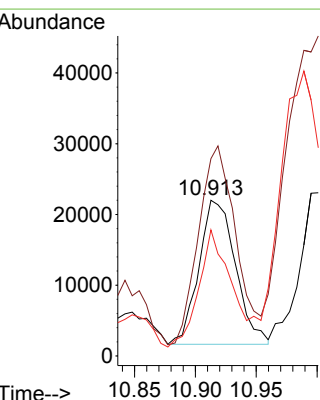
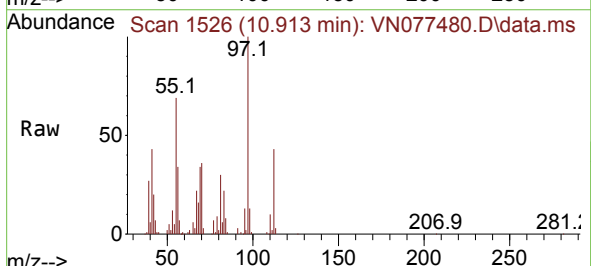
Tgt Ion: 69 Resp: 42536

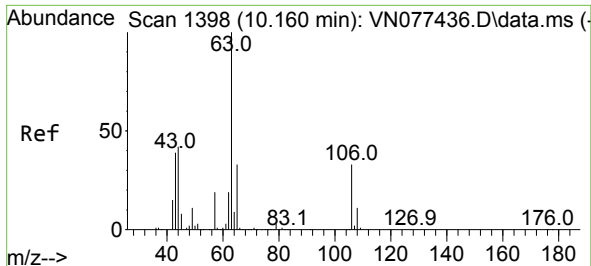
Ion Ratio Lower Upper

69 100

41 142.1 39.6 59.4#

39 70.4 28.6 43.0#

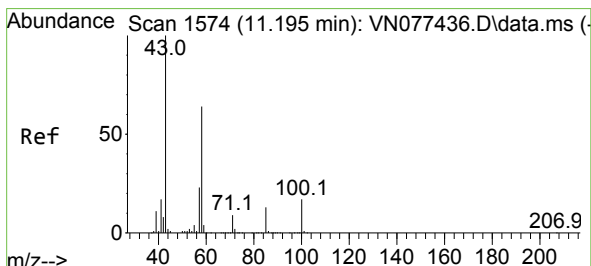
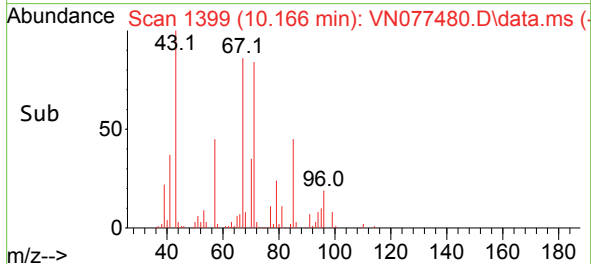
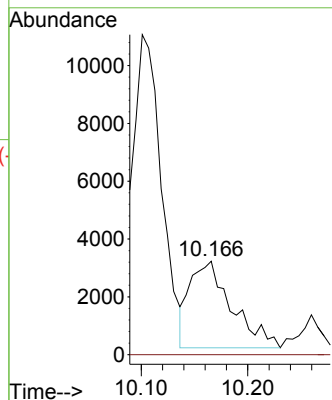
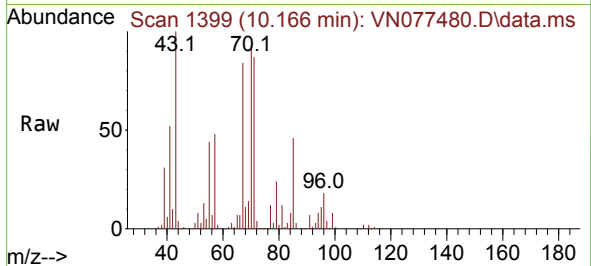




#58
2-Chloroethyl Vinyl ether
Concen: 2.043 ug/l
RT: 10.166 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

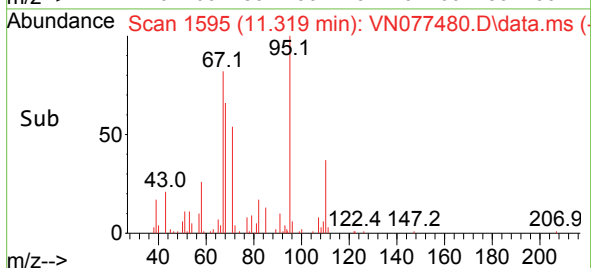
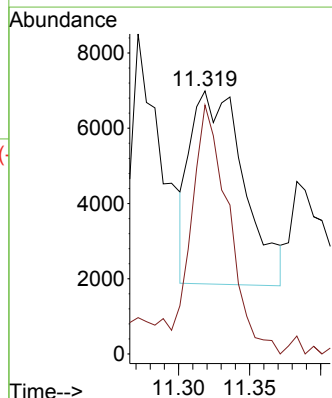
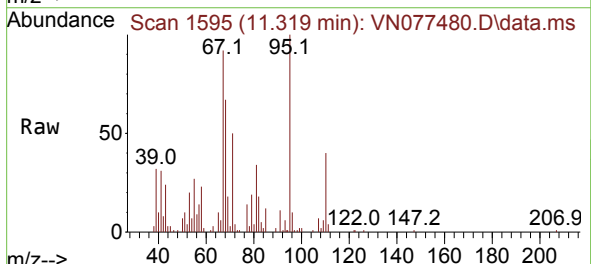
Instrument :
MSVOA_N
ClientSampleId :
MW-5

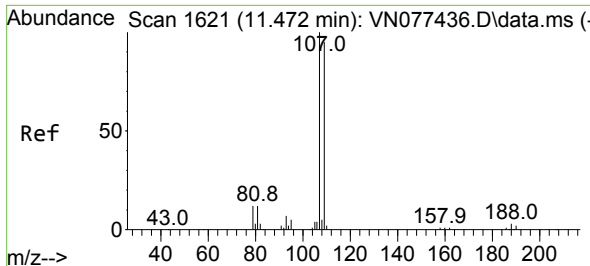
Tgt Ion: 63 Resp: 8171
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#



#59
2-Hexanone
Concen: 2.279 ug/l
RT: 11.319 min Scan# 1595
Delta R.T. 0.123 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion: 43 Resp: 13430
Ion Ratio Lower Upper
43 100
58 88.8 31.7 95.1

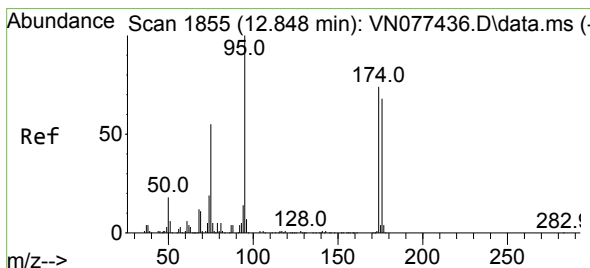
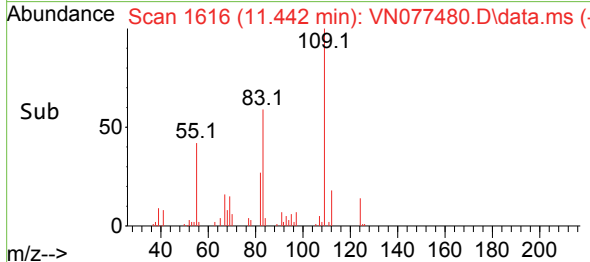
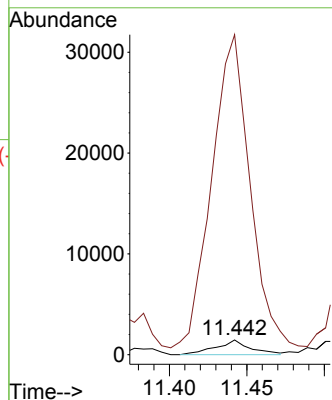
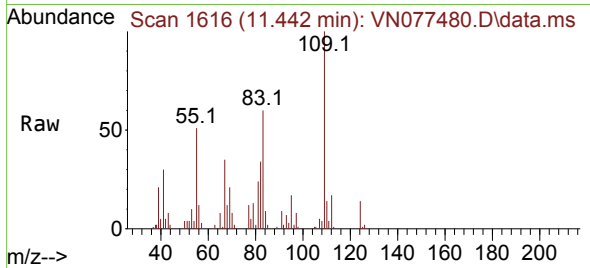




#61
1,2-Dibromoethane
Concen: 0.262 ug/l
RT: 11.442 min Scan# 1616
Delta R.T. -0.030 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

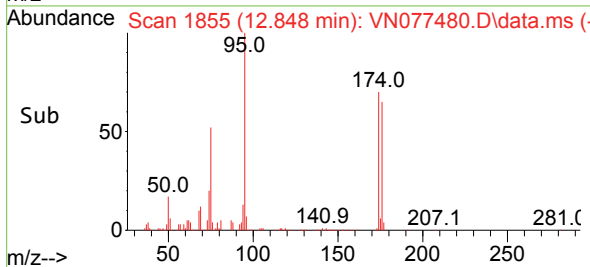
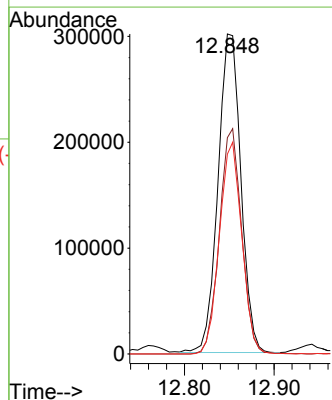
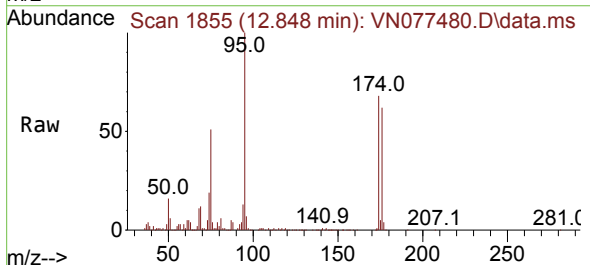
Instrument :
MSVOA_N
ClientSampleId :
MW-5

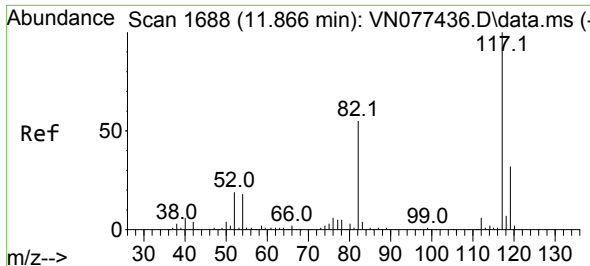
Tgt Ion:107 Resp: 2258
Ion Ratio Lower Upper
107 100
109 2395.7 76.6 114.8#



#62
4-Bromofluorobenzene
Concen: 58.434 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion: 95 Resp: 533259
Ion Ratio Lower Upper
95 100
174 68.6 0.0 143.8
176 65.2 0.0 135.8

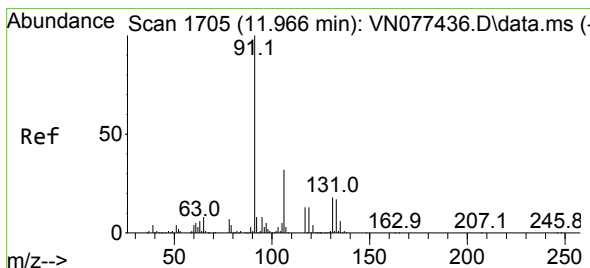
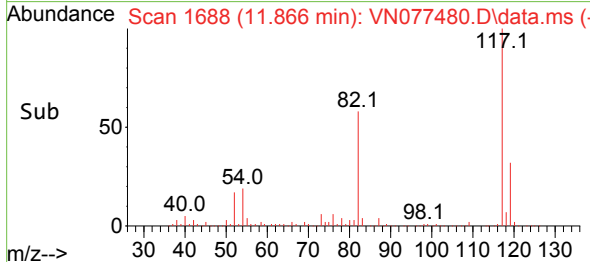
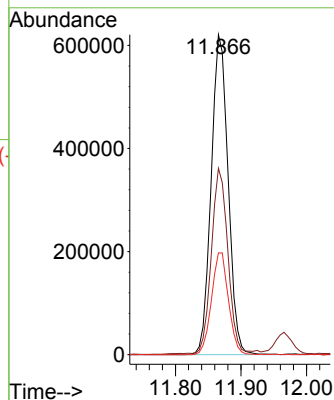
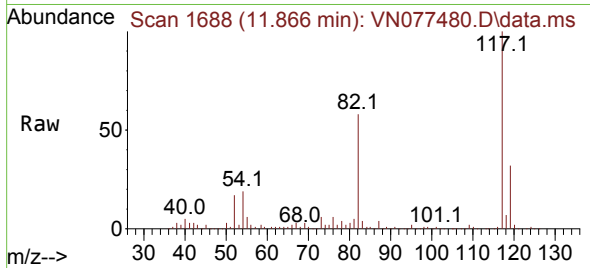




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

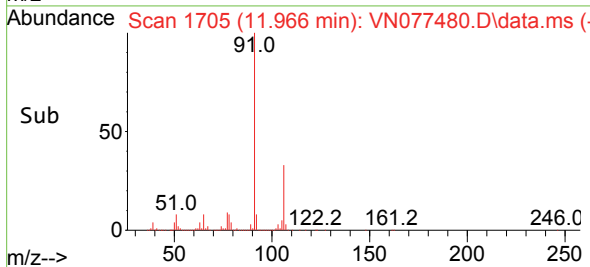
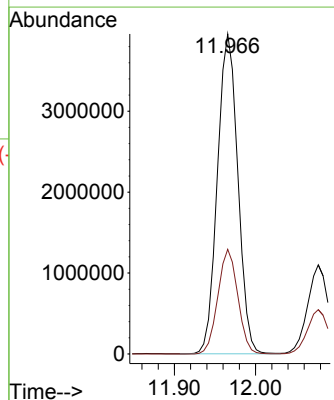
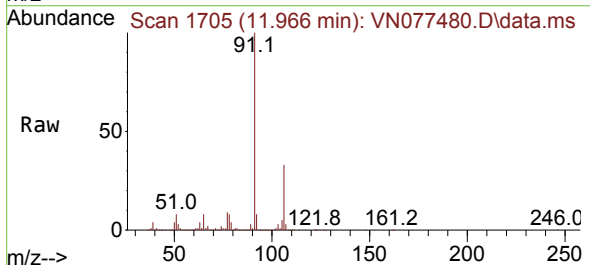
Instrument :
MSVOA_N
ClientSampleId :
MW-5

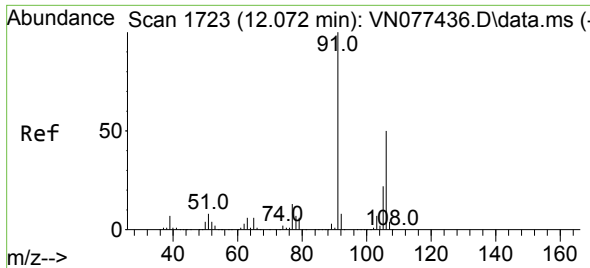
Tgt Ion:117 Resp: 1112925
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 31.8 25.6 38.4



#67
Ethyl Benzene
Concen: 166.785 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion: 91 Resp: 6914517
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4

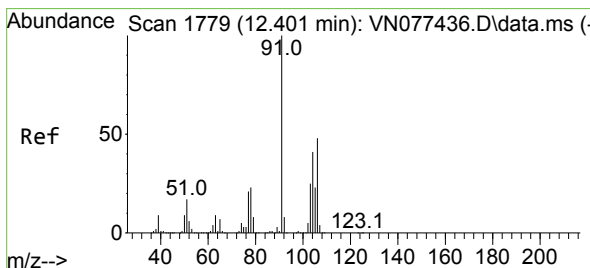
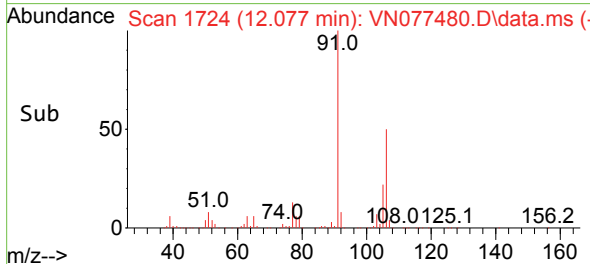
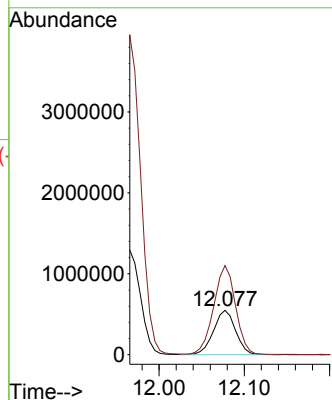
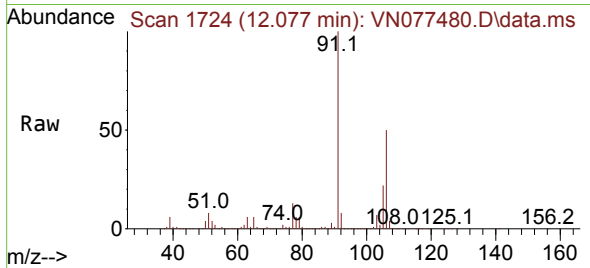




#68
m/p-Xylenes
Concen: 60.829 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

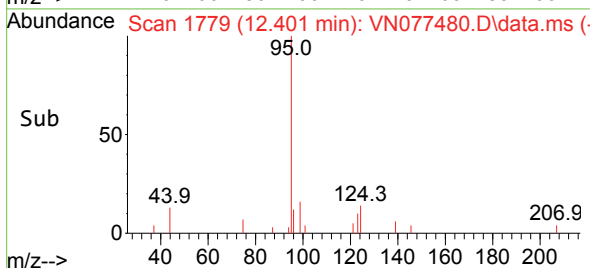
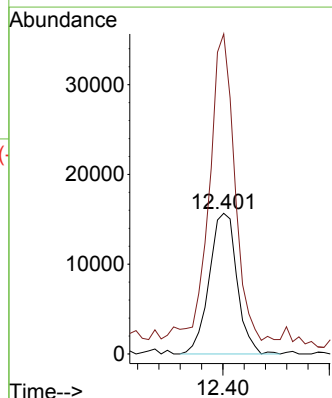
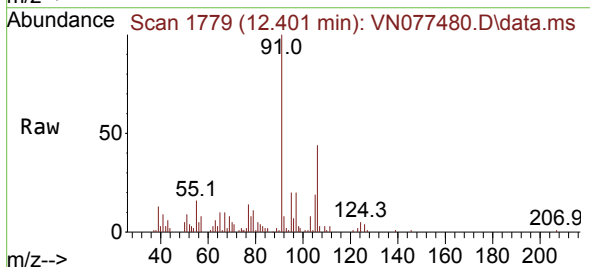
Instrument :
MSVOA_N
ClientSampleId :
MW-5

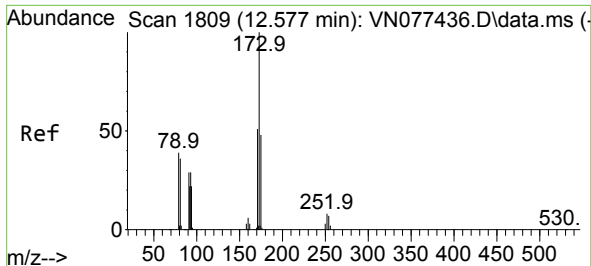
Tgt Ion:106 Resp: 980127
Ion Ratio Lower Upper
106 100
91 200.7 159.6 239.4



#69
o-Xylene
Concen: 1.785 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion:106 Resp: 28292
Ion Ratio Lower Upper
106 100
91 198.0 105.2 315.5

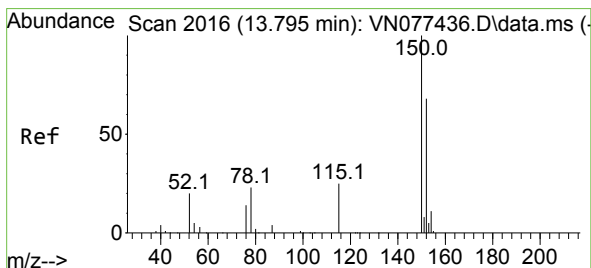
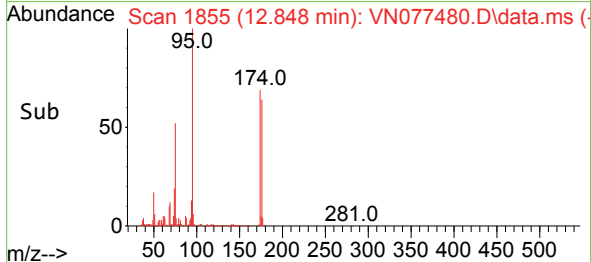
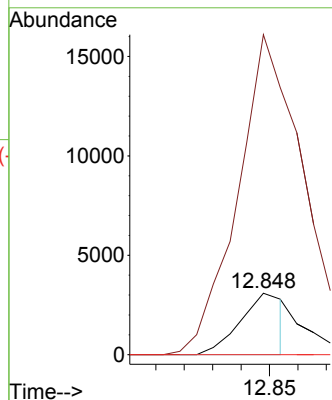
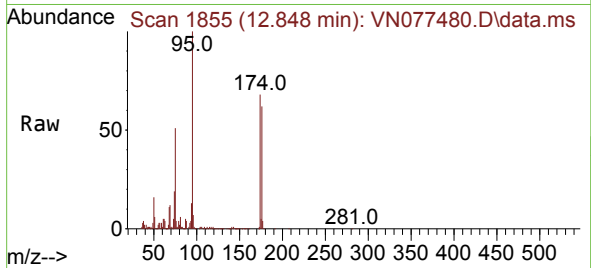




#71
Bromoform
Concen: 0.590 ug/l
RT: 12.848 min Scan# 1809
Delta R.T. 0.270 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

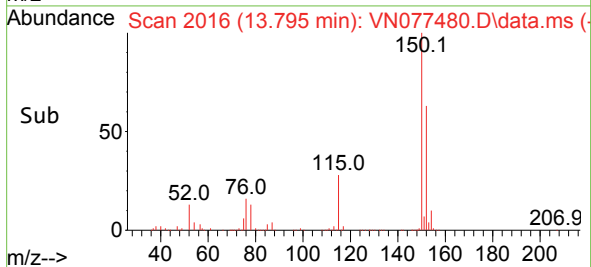
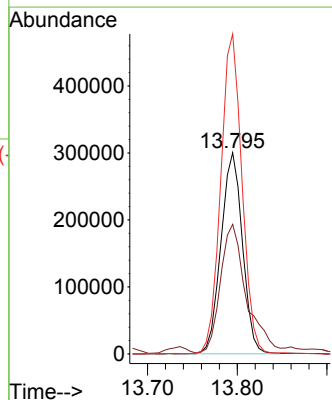
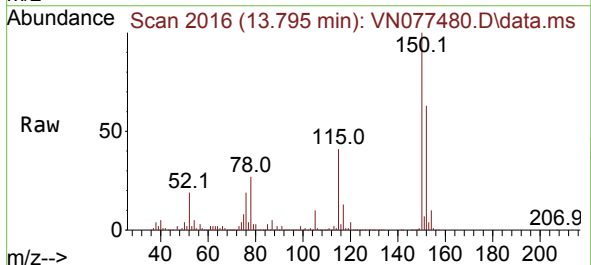
Instrument :
MSVOA_N
ClientSampleId :
MW-5

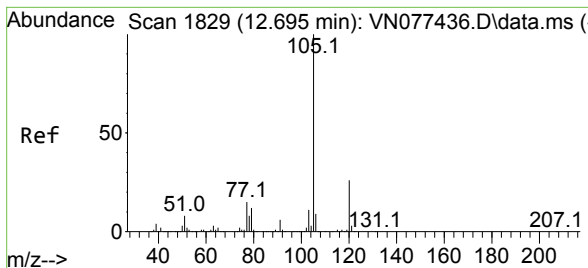
Tgt Ion:173 Resp: 3309
Ion Ratio Lower Upper
173 100
175 540.2 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion:152 Resp: 498476
Ion Ratio Lower Upper
152 100
115 77.3 32.3 96.8
150 157.7 0.0 355.8





#73

Isopropylbenzene

Concen: 85.372 ug/l

RT: 12.695 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

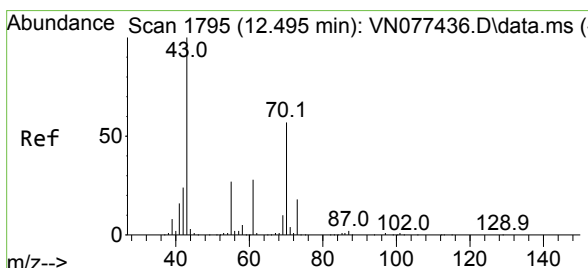
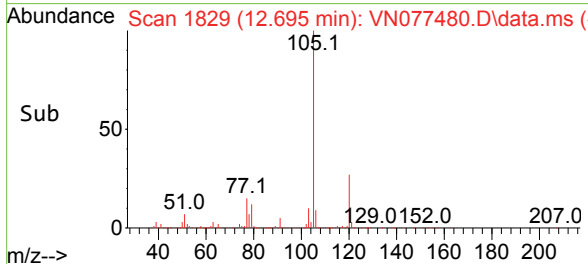
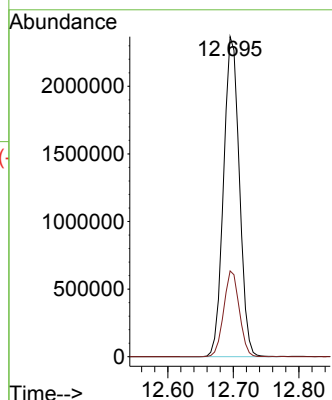
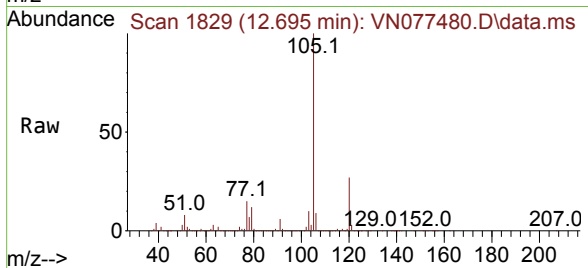
MW-5

Tgt Ion:105 Resp: 3948980

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-ethyl acetate

Concen: 0.730 ug/l

RT: 12.454 min Scan# 1788

Delta R.T. -0.041 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

Tgt Ion: 43 Resp: 9991

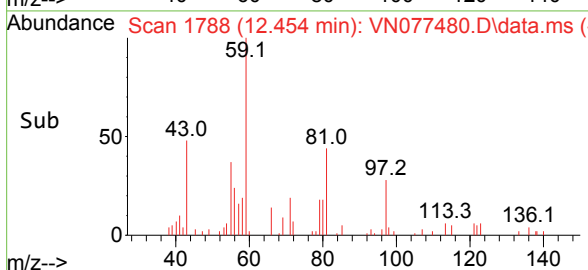
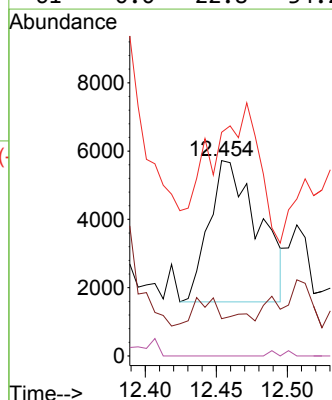
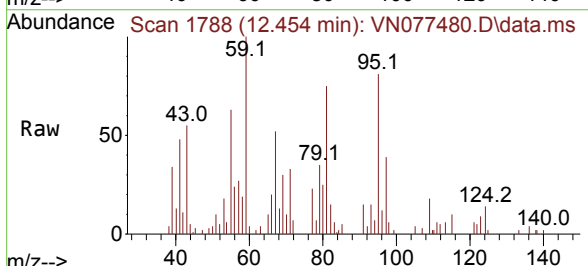
Ion Ratio Lower Upper

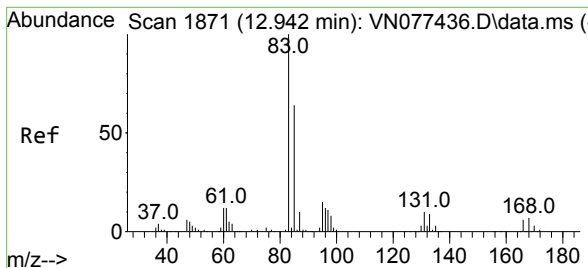
43 100

70 10.3 43.4 65.2#

55 0.0 21.4 32.0#

61 0.0 22.8 34.2#

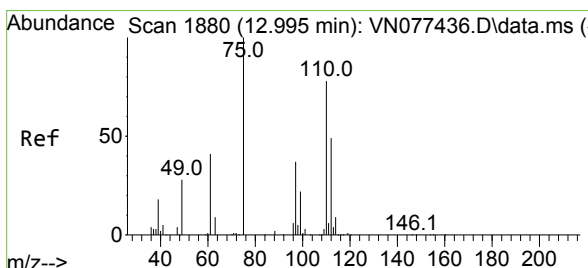
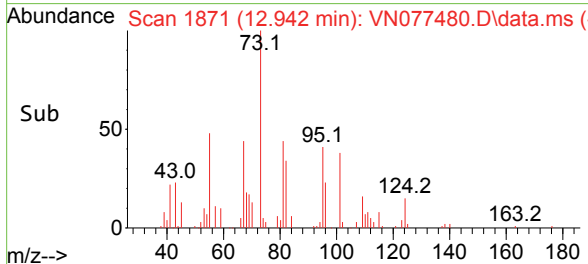
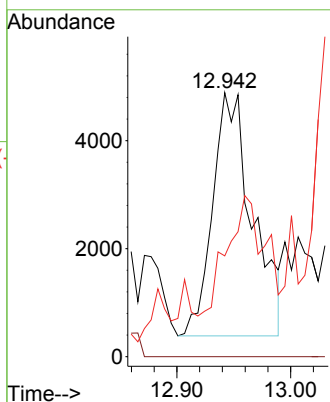
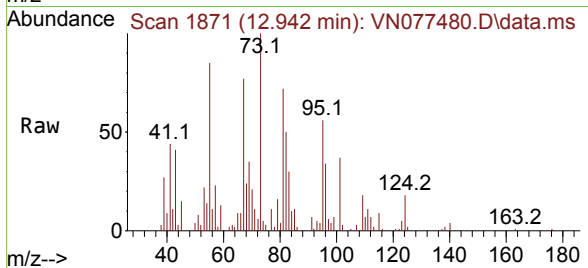




#75
1,1,2-Tetrachloroethane
Concen: 0.755 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

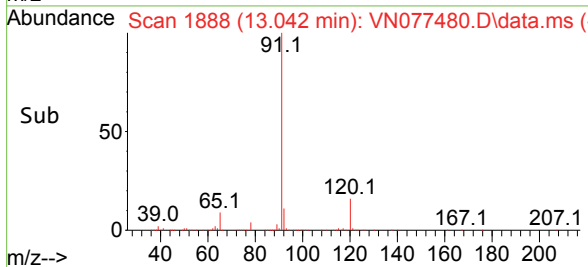
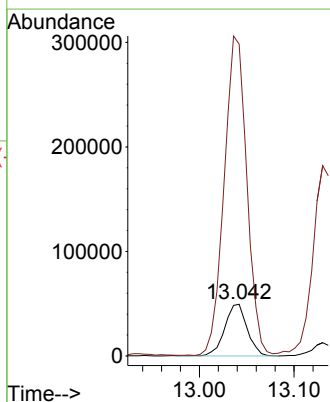
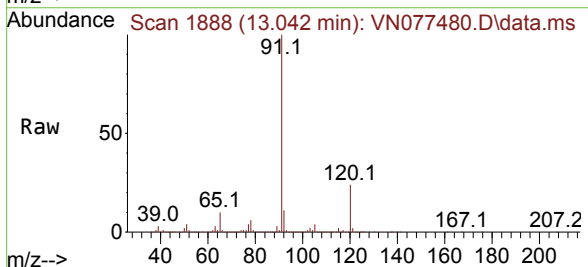
Instrument :
MSVOA_N
ClientSampleId :
MW-5

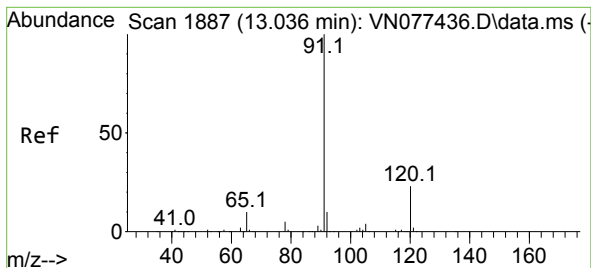
Tgt Ion: 83 Resp: 10979
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 47.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 7.038 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.047 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion: 75 Resp: 81586
Ion Ratio Lower Upper
75 100
77 624.2 84.5 253.5#





#78

n-propylbenzene

Concen: 254.602 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.000 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

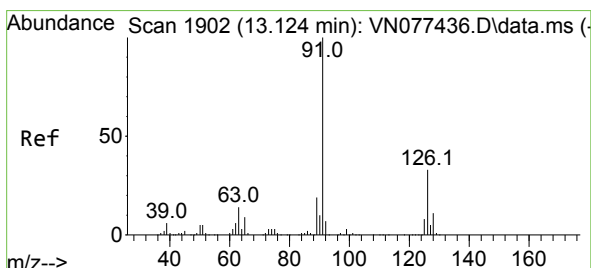
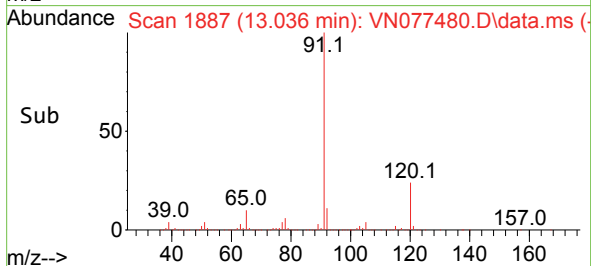
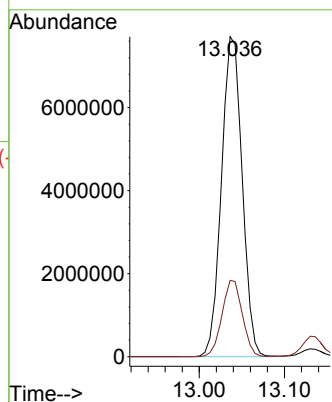
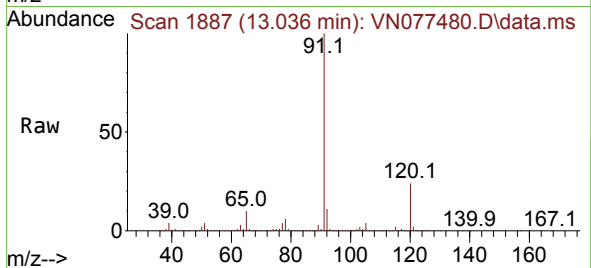
MW-5

Tgt Ion: 91 Resp:13021814

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4



#79

2-Chlorotoluene

Concen: 412.945 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.088 min

Lab File: VN077480.D

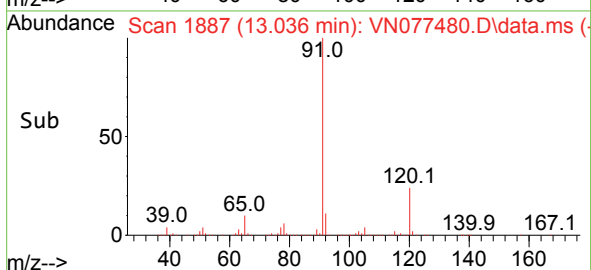
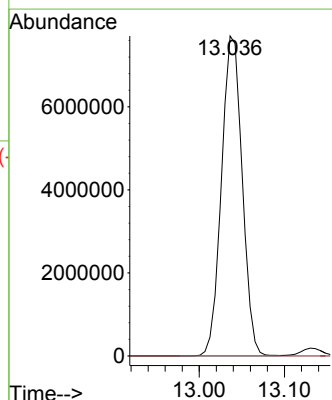
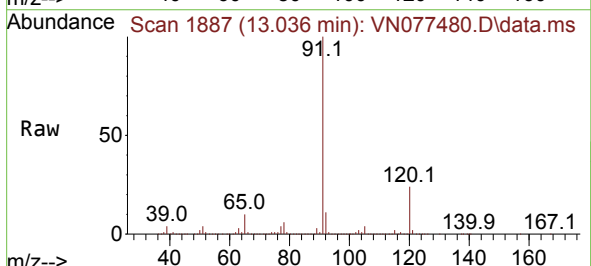
Acq: 25 Apr 2023 19:34

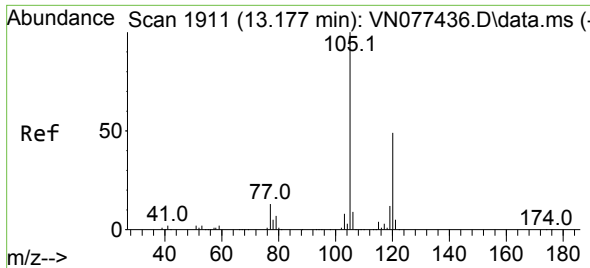
Tgt Ion: 91 Resp:13021814

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#

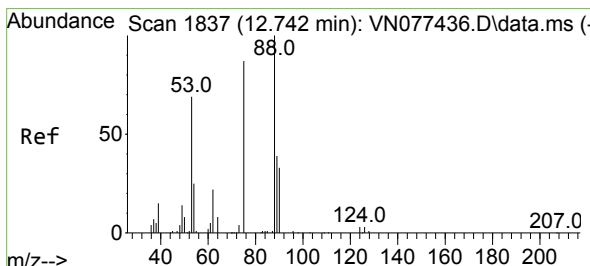
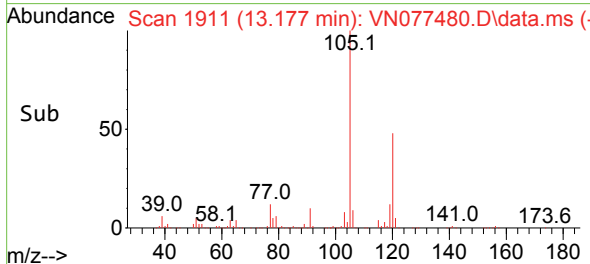
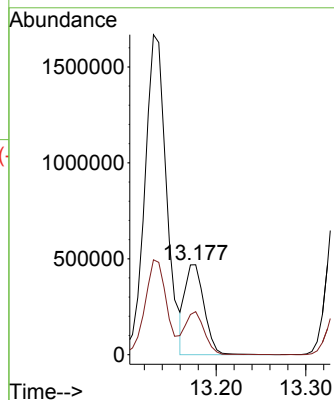
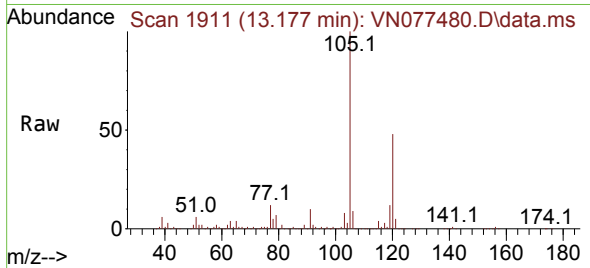




#80
1,3,5-Trimethylbenzene
Concen: 20.046 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

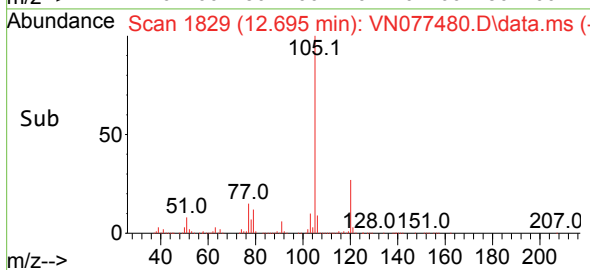
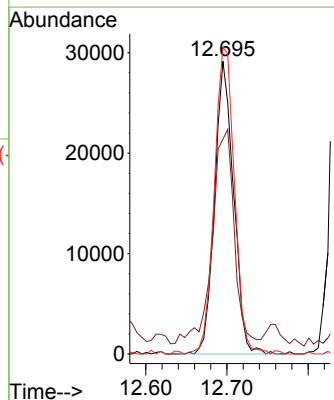
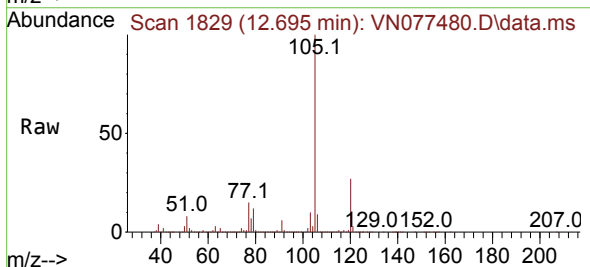
Instrument :
MSVOA_N
ClientSampleId :
MW-5

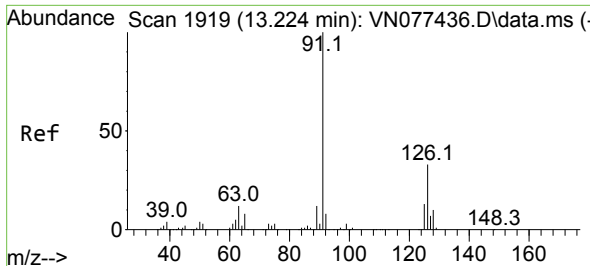
Tgt Ion:105 Resp: 688594
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 11.522 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.047 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion: 75 Resp: 47273
Ion Ratio Lower Upper
75 100
53 87.9 67.4 101.2
89 111.8 38.8 58.2#

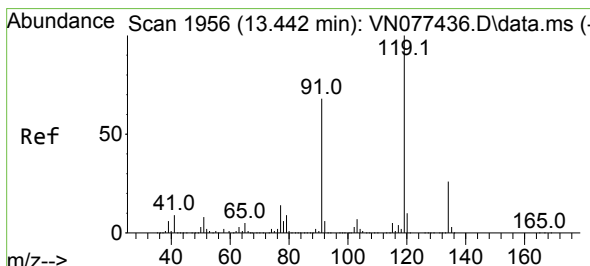
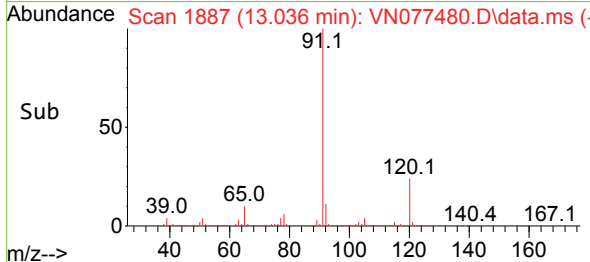
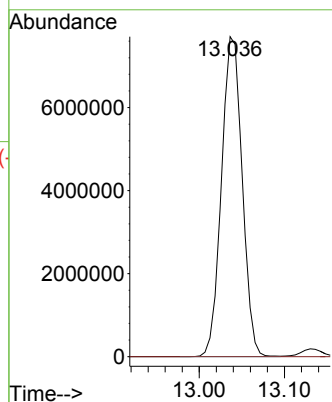
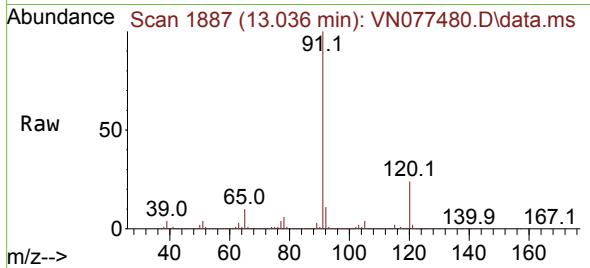




#82
4-Chlorotoluene
Concen: 441.919 ug/l
RT: 13.036 min Scan# 11
Delta R.T. -0.188 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

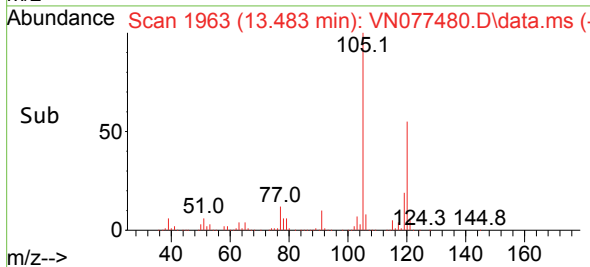
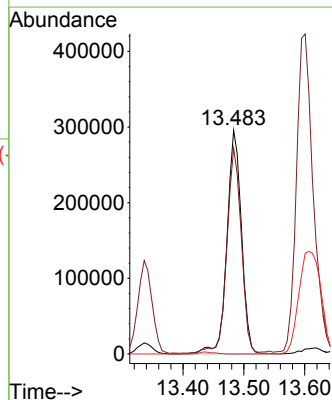
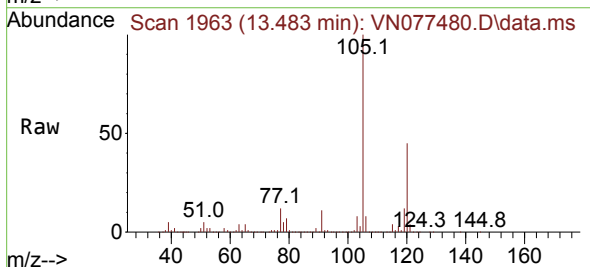
Instrument :
MSVOA_N
ClientSampleId :
MW-5

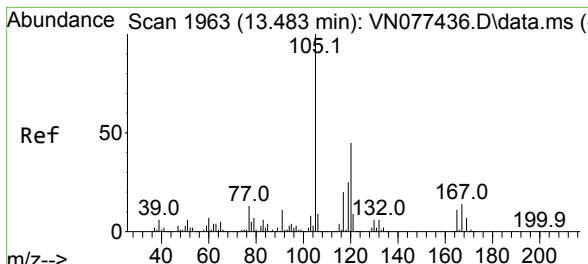
Tgt Ion: 91 Resp:13021814
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#83
tert-Butylbenzene
Concen: 14.674 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.041 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion:119 Resp: 489520
Ion Ratio Lower Upper
119 100
91 91.1 33.9 101.7
134 0.0 13.2 39.6#

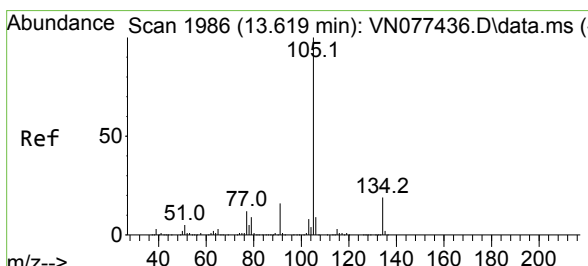
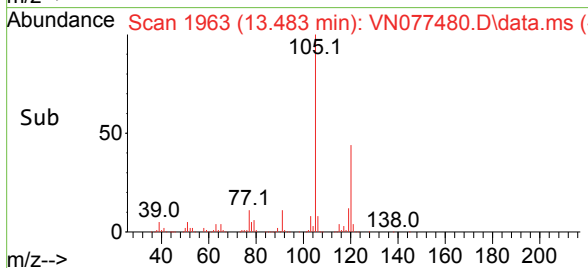
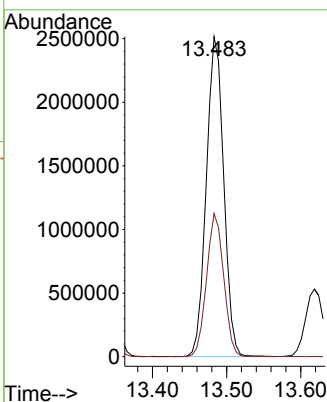
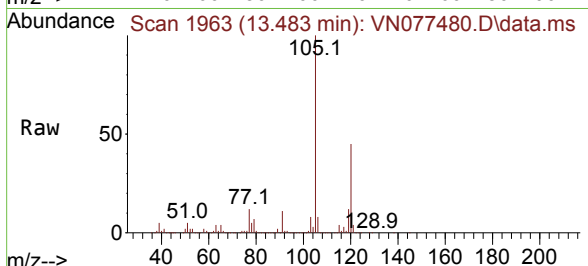




#84
 1,2,4-Trimethylbenzene
 Concen: 127.578 ug/l
 RT: 13.483 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VN077480.D
 Acq: 25 Apr 2023 19:34

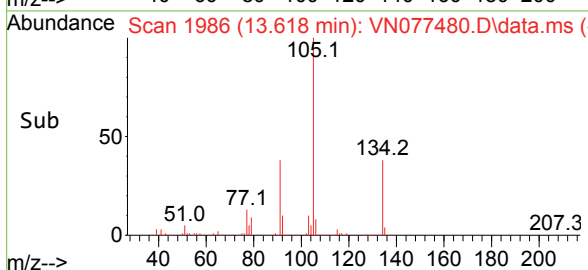
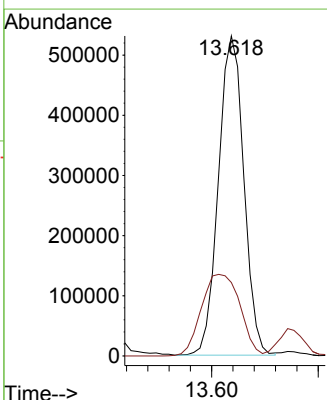
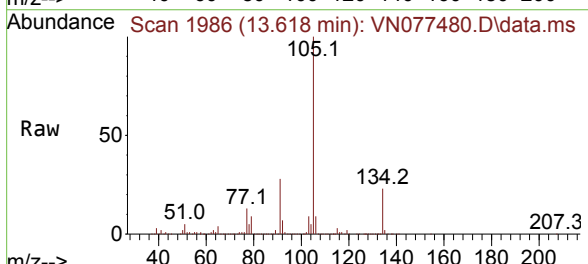
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

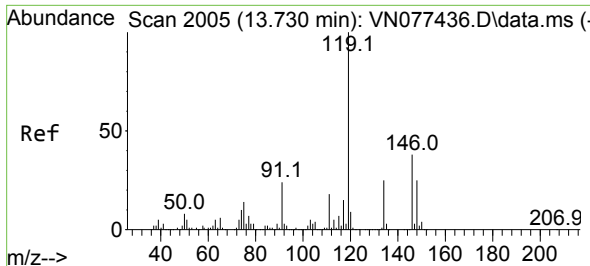
Tgt Ion:105 Resp: 4092901
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 19.172 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077480.D
 Acq: 25 Apr 2023 19:34

Tgt Ion:105 Resp: 877853
 Ion Ratio Lower Upper
 105 100
 134 38.8 9.8 29.3#

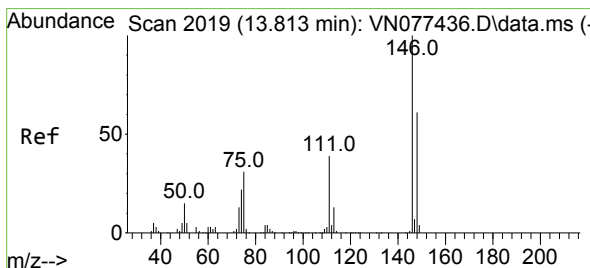
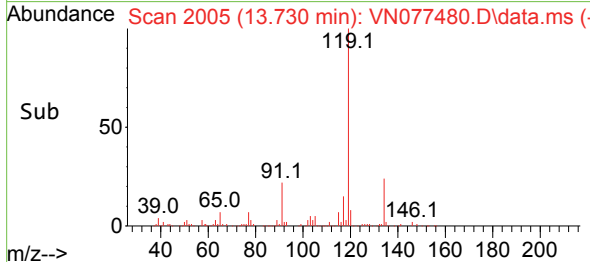
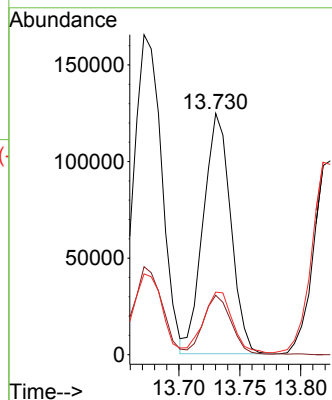
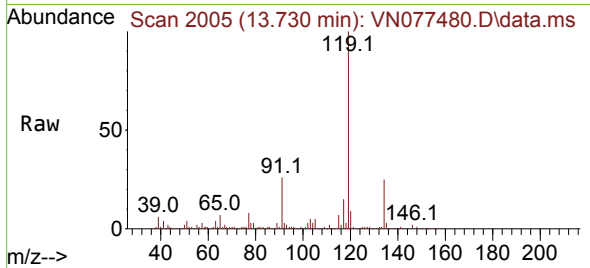




#86
 p-Isopropyltoluene
 Concen: 5.529 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077480.D
 Acq: 25 Apr 2023 19:34

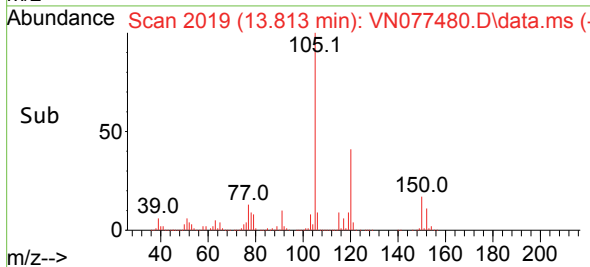
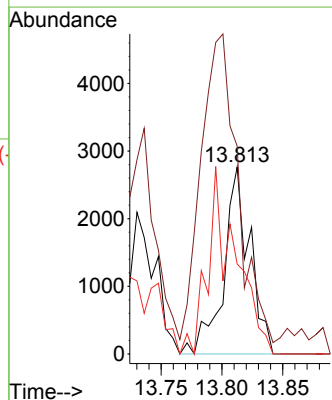
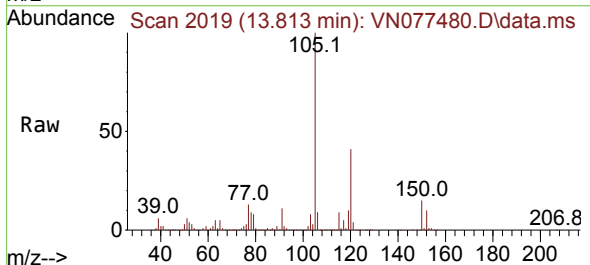
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

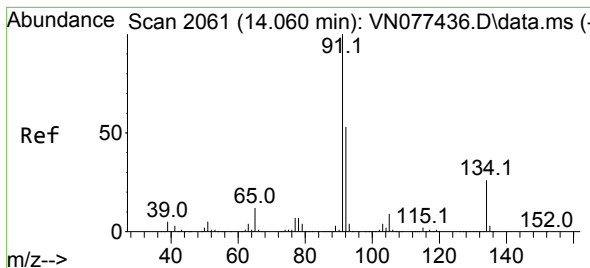
Tgt Ion:	119	Resp:	194786
Ion	Ratio	Lower	Upper
119	100		
134	24.3	12.6	37.8
91	26.5	12.4	37.2



#88
 1,4-Dichlorobenzene
 Concen: 0.232 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077480.D
 Acq: 25 Apr 2023 19:34

Tgt Ion:	146	Resp:	4101
Ion	Ratio	Lower	Upper
146	100		
111	238.0	20.6	61.8#
148	106.5	31.6	94.8#





#89

n-Butylbenzene

Concen: 49.131 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

MW-5

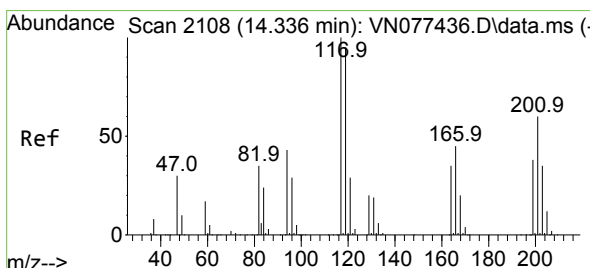
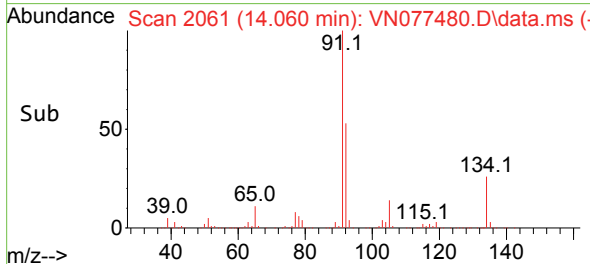
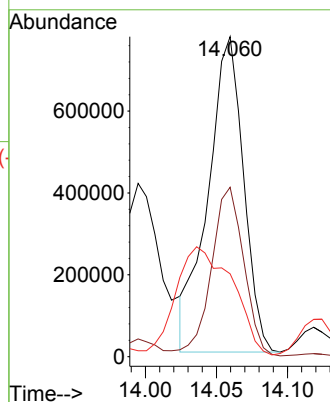
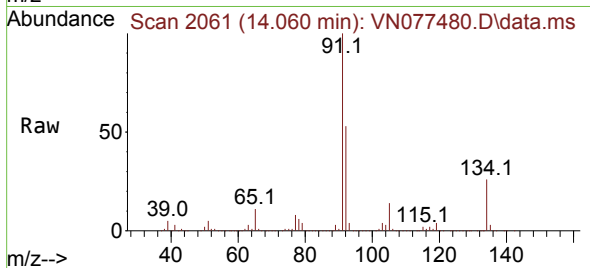
Tgt Ion: 91 Resp: 1339537

Ion Ratio Lower Upper

91 100

92 48.9 26.4 79.0

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 76.617 ug/l

RT: 14.330 min Scan# 2107

Delta R.T. -0.006 min

Lab File: VN077480.D

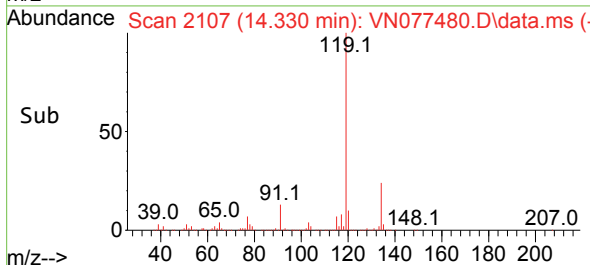
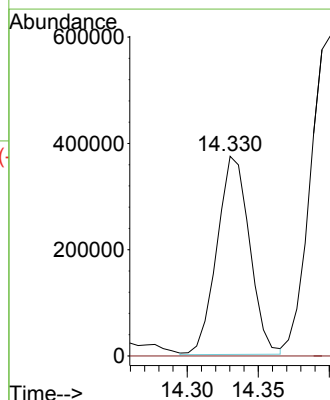
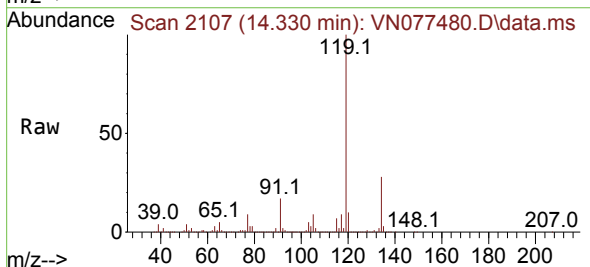
Acq: 25 Apr 2023 19:34

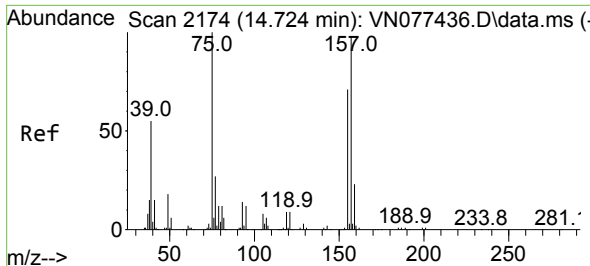
Tgt Ion:117 Resp: 596338

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.932 ug/l

RT: 14.730 min Scan# 2175

Delta R.T. 0.006 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

MW-5

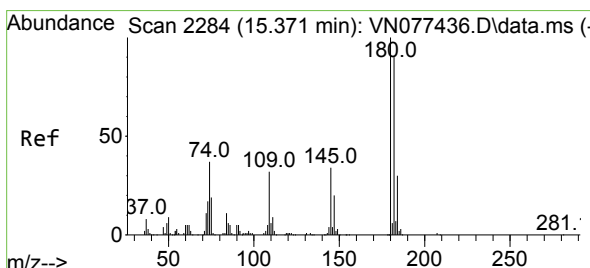
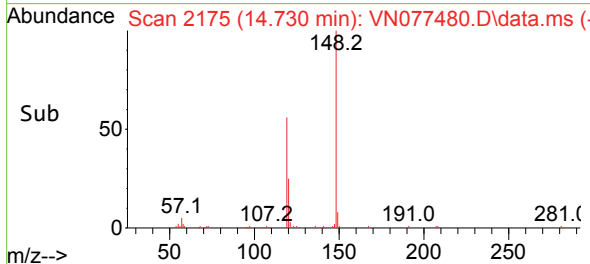
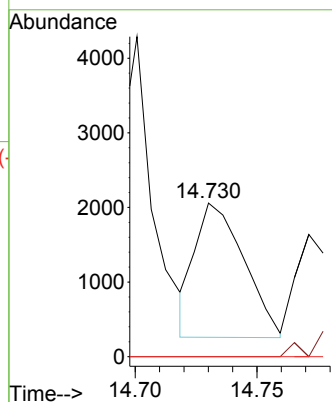
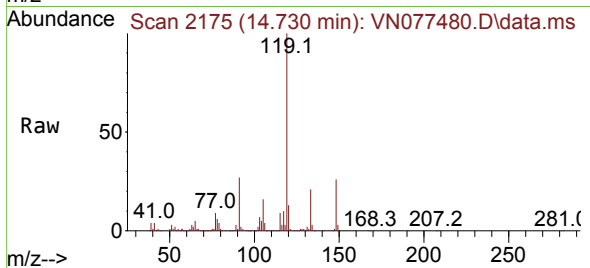
Tgt Ion: 75 Resp: 2505

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: 0.955 ug/l

RT: 15.359 min Scan# 2282

Delta R.T. -0.012 min

Lab File: VN077480.D

Acq: 25 Apr 2023 19:34

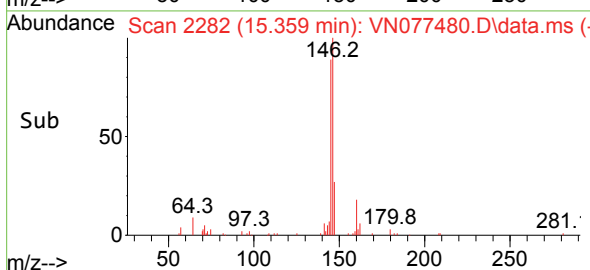
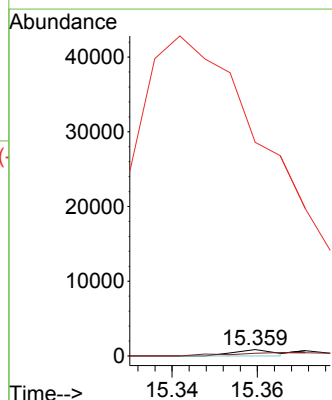
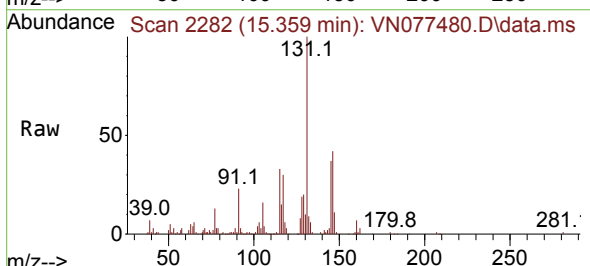
Tgt Ion: 180 Resp: 570

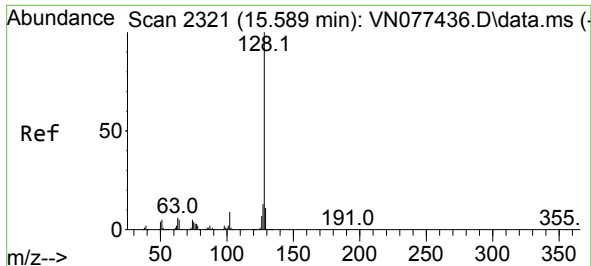
Ion Ratio Lower Upper

180 100

182 143.5 46.1 138.2#

145 0.0 16.6 49.8#

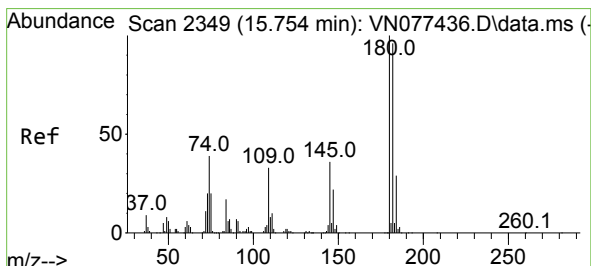
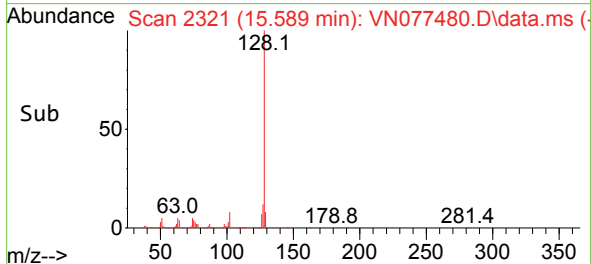
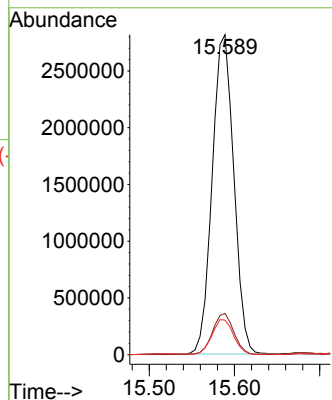
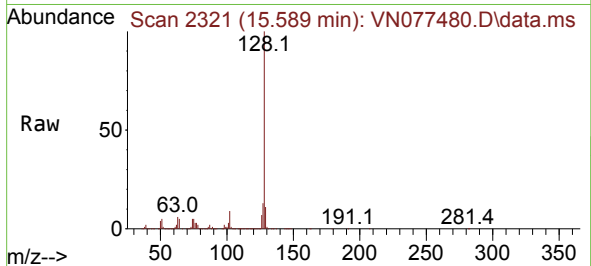




#95
Naphthalene
Concen: 133.480 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Instrument :
MSVOA_N
ClientSampleId :
MW-5

Tgt Ion:128 Resp: 4958797
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.614 ug/l
RT: 15.742 min Scan# 2347
Delta R.T. -0.012 min
Lab File: VN077480.D
Acq: 25 Apr 2023 19:34

Tgt Ion:180 Resp: 464
Ion Ratio Lower Upper
180 100
182 0.0 46.2 138.6#
145 18064.9 17.5 52.6#

