

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
 Data File : VN077479.D
 Acq On : 25 Apr 2023 19:09
 Operator : JC\MD
 Sample : 02460-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Apr 26 04:24:00 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	655824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1237377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1118669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	484571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	418215	48.870	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.740%
35) Dibromofluoromethane	8.172	113	369527	49.687	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.380%
50) Toluene-d8	10.566	98	1525408	53.516	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.040%
62) 4-Bromofluorobenzene	12.848	95	541041	58.016	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.040%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.396	85	75	0.318	ug/l #	43
11) Tert butyl alcohol	5.554	59	327	0.238	ug/l #	72
13) Acrolein	4.431	56	416362	304.656	ug/l #	82
14) Allyl chloride	5.148	41	36593	4.497	ug/l #	66
15) Acrylonitrile	5.825	53	257590	82.651	ug/l #	40
16) Acetone	4.437	43	1013760	372.355	ug/l #	52
17) Carbon Disulfide	4.731	76	10904	0.586	ug/l	96
18) Methyl Acetate	5.290	43	2526775	240.331	ug/l #	42
20) Methylene Chloride	5.166	84	19332	2.239	ug/l #	21
23) Vinyl Acetate	6.807	43	9951	0.853	ug/l #	74
24) 1,1-Dichloroethane	6.654	63	6512	0.493	ug/l #	81
25) 2-Butanone	7.489	43	58736	15.211	ug/l #	45
26) 2,2-Dichloropropane	7.342	77	27557	2.150	ug/l #	53
29) Tetrahydrofuran	7.831	42	4270	1.765	ug/l #	20
30) Chloroform	7.942	83	132555	8.898	ug/l #	15
31) Cyclohexane	8.260	56	1354123	111.700	ug/l #	95
36) 1,1-Dichloropropene	8.231	75	58005	5.399	ug/l #	50
37) Ethyl Acetate	7.489	43	58736	7.194	ug/l #	63
38) Carbon Tetrachloride	8.225	117	72396	6.107	ug/l #	15
39) Methylcyclohexane	9.607	83	2326797	164.366	ug/l	99
40) Benzene	8.613	78	31559	0.964	ug/l	90
41) Methacrylonitrile	7.742	41	4722	1.110	ug/l #	19
43) Isopropyl Acetate	8.713	43	358498	25.381	ug/l #	49
45) 1,2-Dichloropropane	9.601	63	29387	3.833	ug/l #	1
47) Bromodichloromethane	9.872	83	81969	6.811	ug/l #	30
48) Methyl methacrylate	9.730	41	37301	5.802	ug/l #	3
51) 4-Methyl-2-Pentanone	10.501	43	45163	5.451	ug/l #	70
52) Toluene	10.630	92	19340	0.902	ug/l	99
55) 1,1,2-Trichloroethane	11.007	97	298029	34.563	ug/l #	24
56) Ethyl methacrylate	10.919	69	54382	4.501	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.154	63	2672	0.654	ug/l #	42
59) 2-Hexanone	11.183	43	23389	3.884	ug/l #	33
61) 1,2-Dibromoethane	11.436	107	4092	0.465	ug/l #	1
67) Ethyl Benzene	11.966	91	795377	19.087	ug/l	100
68) m/p-Xylenes	12.077	106	110961	6.851	ug/l	99
69) o-Xylene	12.395	106	7828	0.491	ug/l	78

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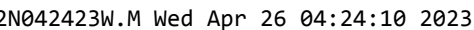
Quant Time: Apr 26 04:24:00 2023
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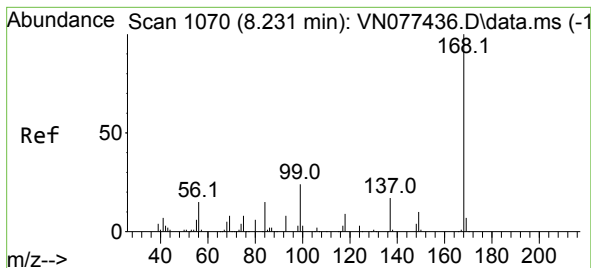
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Isopropylbenzene	12.695	105	1561396	34.724	ug/l	100
74) N-amyl acetate	12.477	43	8585	0.645	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.948	83	7816	0.553	ug/l #	80
76) 1,2,3-Trichloropropane	13.036	75	34890	3.096	ug/l #	1
78) n-propylbenzene	13.036	91	5788854	116.431	ug/l	100
79) 2-Chlorotoluene	13.036	91	5788854	188.843	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.130	105	472611	14.153	ug/l	73
81) trans-1,4-Dichloro-2-b...	12.695	75	18160	4.553	ug/l #	40
82) 4-Chlorotoluene	13.036	91	5788854	202.093	ug/l #	41
83) tert-Butylbenzene	13.442	119	10543	0.325	ug/l #	25
84) 1,2,4-Trimethylbenzene	13.483	105	155389	4.983	ug/l	98
85) sec-Butylbenzene	13.618	105	707067	15.885	ug/l #	49
86) p-Isopropyltoluene	13.730	119	114990	3.358	ug/l	97
89) n-Butylbenzene	14.060	91	1093903	41.273	ug/l #	78
90) Hexachloroethane	14.330	117	399986	52.865	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.736	75	3674	1.406	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.371	180	727	1.004	ug/l #	55
95) Naphthalene	15.583	128	925894	45.592	ug/l	99
96) 1,2,3-Trichlorobenzene	15.748	180	837	0.734	ug/l #	63

(#) = 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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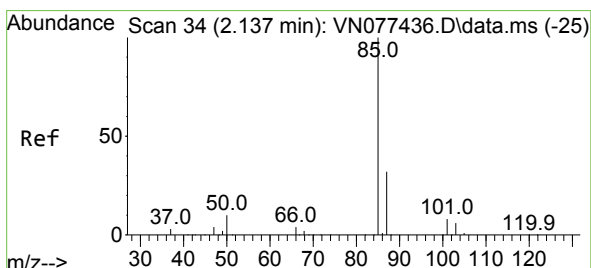
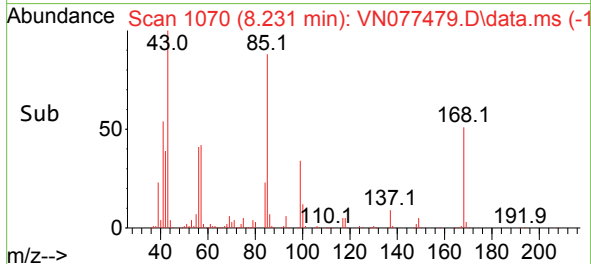
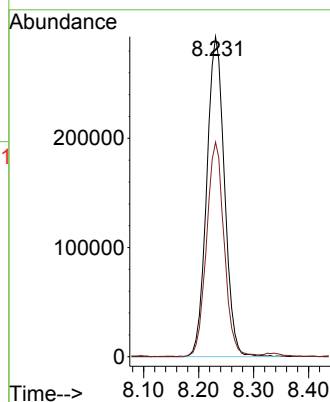
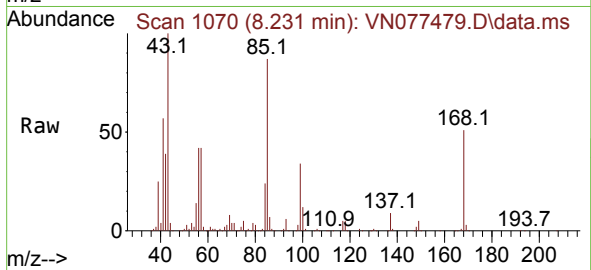
MW-1

Tgt Ion:168 Resp: 655824

Ion Ratio Lower Upper

168 100

99 66.9 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.318 ug/l

RT: 2.396 min Scan# 78

Delta R.T. 0.259 min

Lab File: VN077479.D

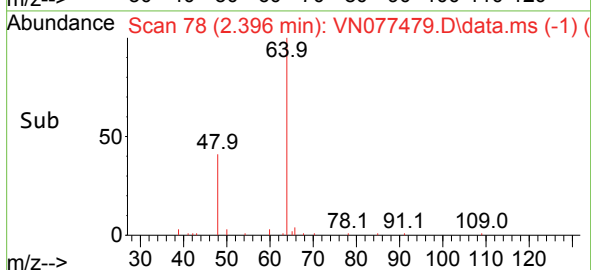
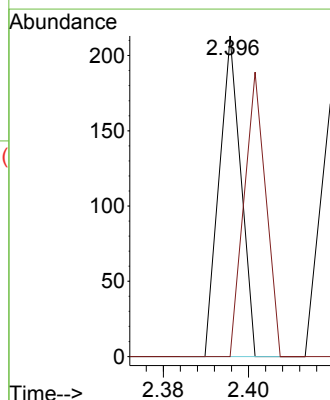
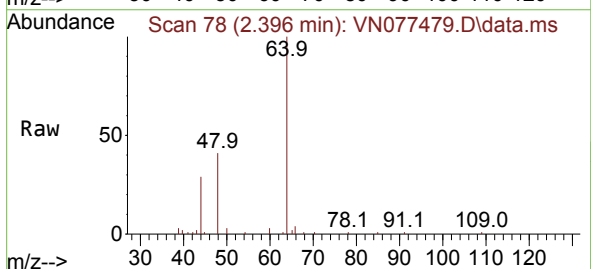
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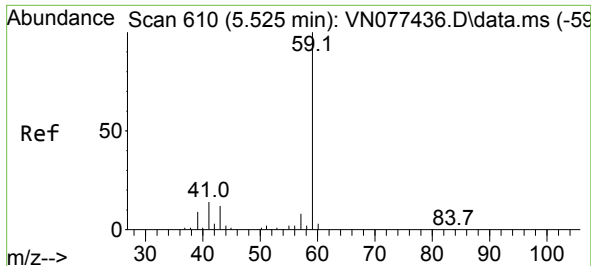
Tgt Ion: 85 Resp: 75

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#

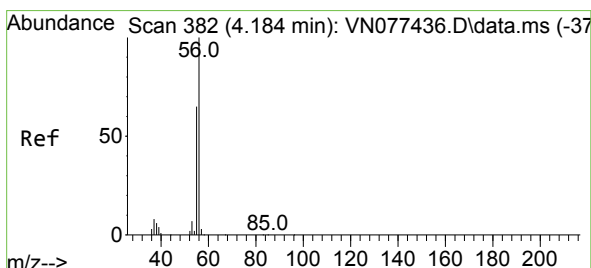
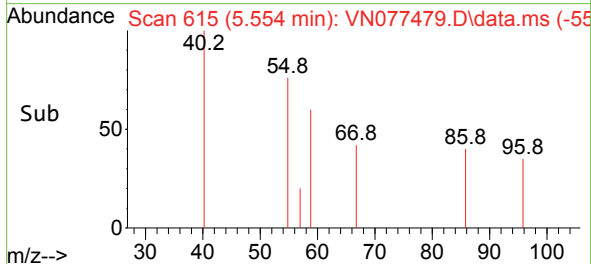
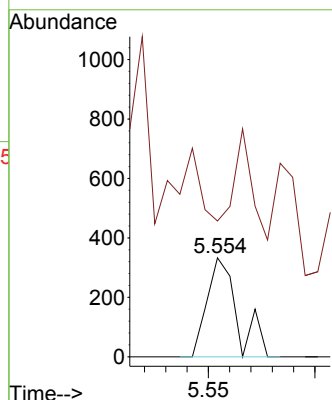
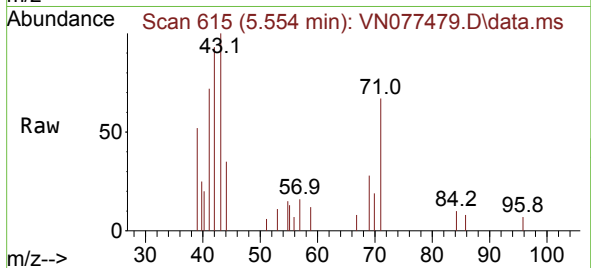




#11
Tert butyl alcohol
Concen: 0.238 ug/l
RT: 5.554 min Scan# 610
Delta R.T. 0.029 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

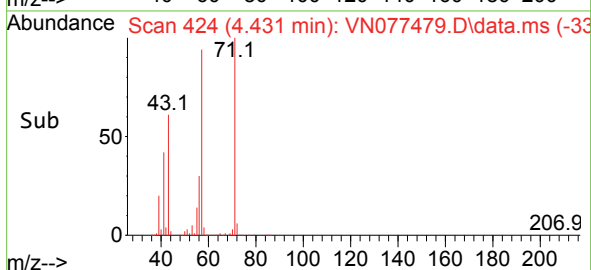
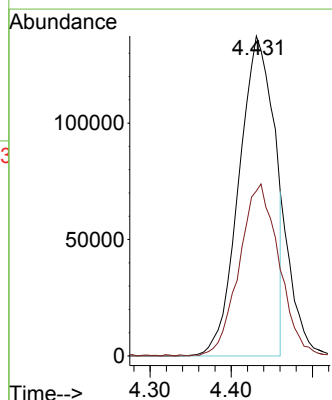
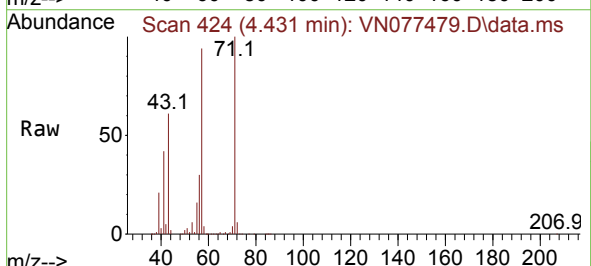
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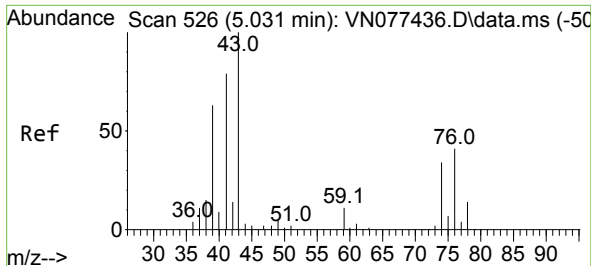
Tgt Ion: 59 Resp: 327
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 304.656 ug/l
RT: 4.431 min Scan# 424
Delta R.T. 0.247 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 56 Resp: 416362
Ion Ratio Lower Upper
56 100
55 53.3 54.5 81.7#

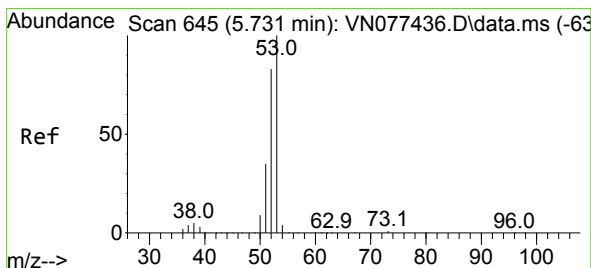
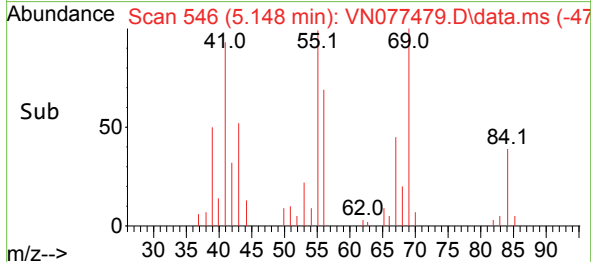
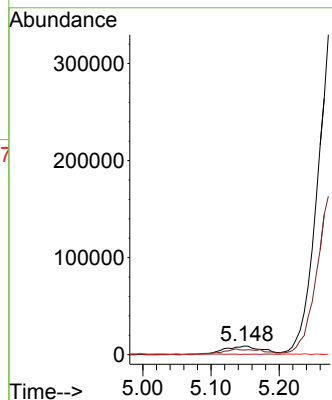
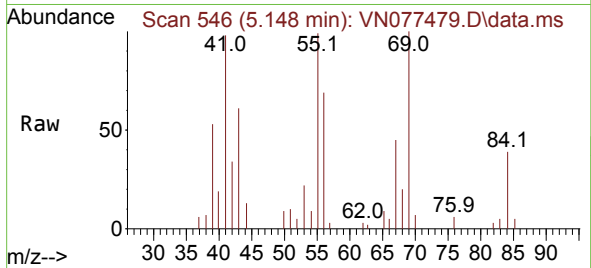




#14
 Allyl chloride
 Concen: 4.497 ug/l
 RT: 5.148 min Scan# 54
 Delta R.T. 0.118 min
 Lab File: VN077479.D
 Acq: 25 Apr 2023 19:09

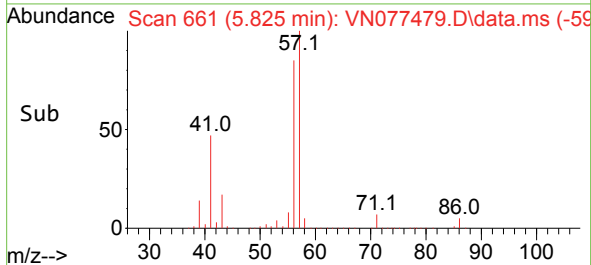
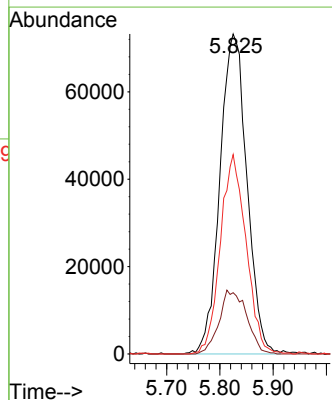
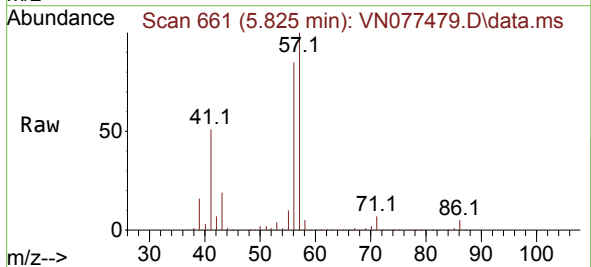
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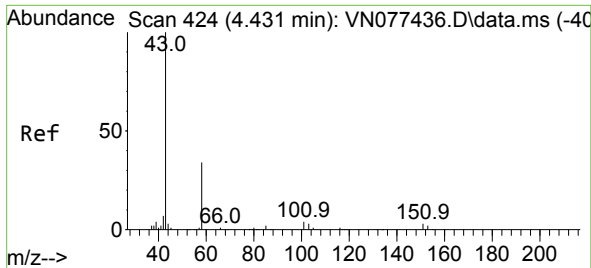
Tgt Ion: 41 Resp: 36593
 Ion Ratio Lower Upper
 41 100
 39 66.5 58.8 88.2
 76 0.0 39.1 58.7#



#15
 Acrylonitrile
 Concen: 82.651 ug/l
 RT: 5.825 min Scan# 661
 Delta R.T. 0.094 min
 Lab File: VN077479.D
 Acq: 25 Apr 2023 19:09

Tgt Ion: 53 Resp: 257590
 Ion Ratio Lower Upper
 53 100
 52 20.3 65.3 97.9#
 51 59.6 28.9 43.3#

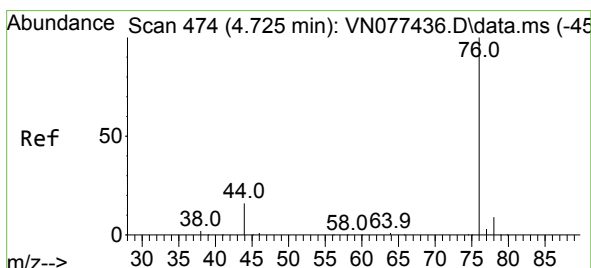
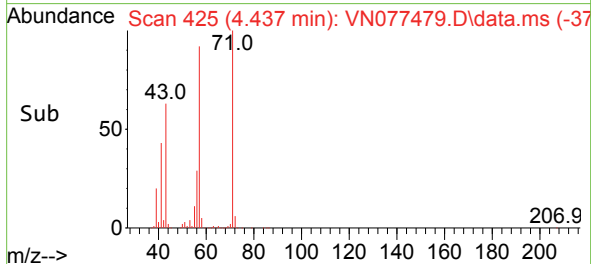
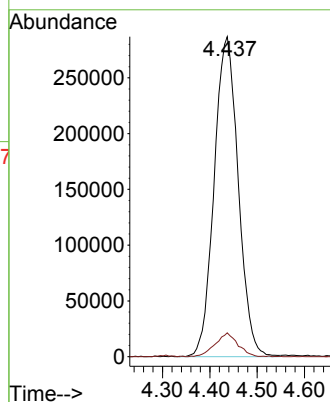
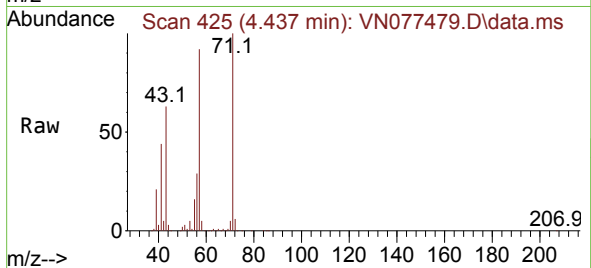




#16
Acetone
Concen: 372.355 ug/l
RT: 4.437 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

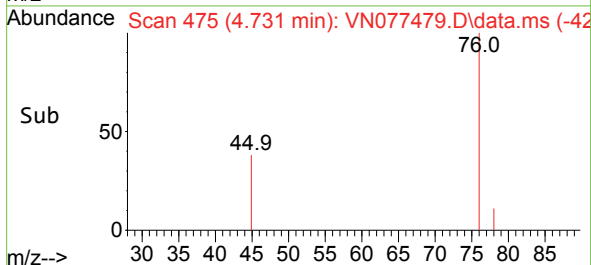
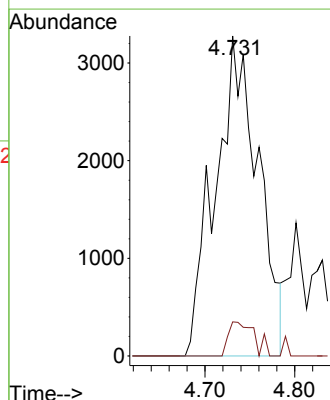
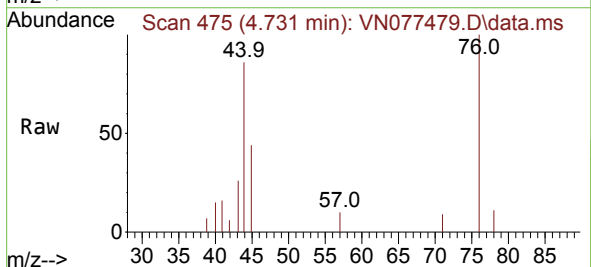
Instrument :
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ClientSampleId :
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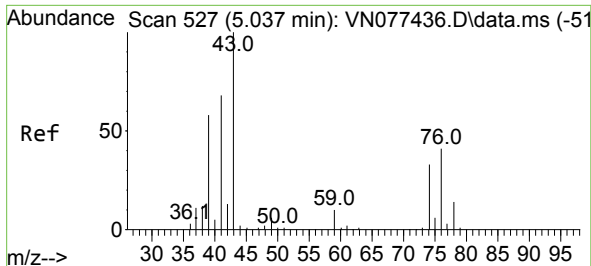
Tgt Ion: 43 Resp: 1013760
Ion Ratio Lower Upper
43 100
58 7.4 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.586 ug/l
RT: 4.731 min Scan# 475
Delta R.T. 0.006 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 76 Resp: 10904
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0

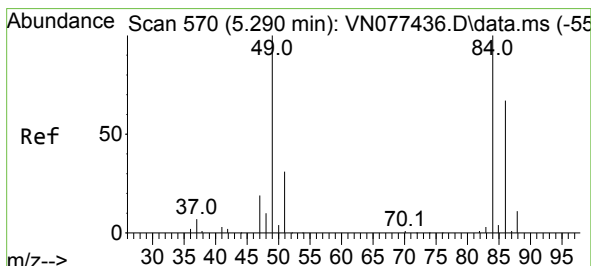
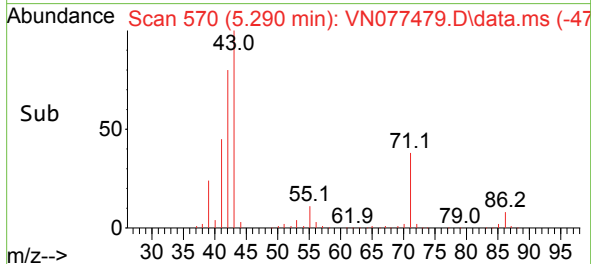
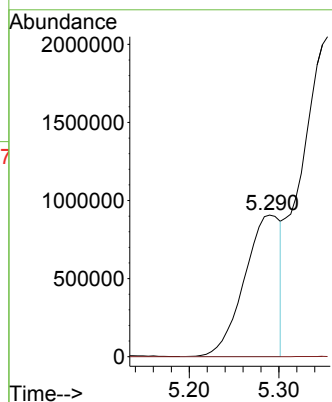
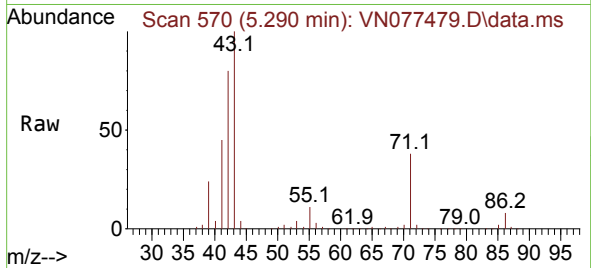




#18
Methyl Acetate
Concen: 240.331 ug/l
RT: 5.290 min Scan# 51
Delta R.T. 0.253 min
Lab File: VN077479.D
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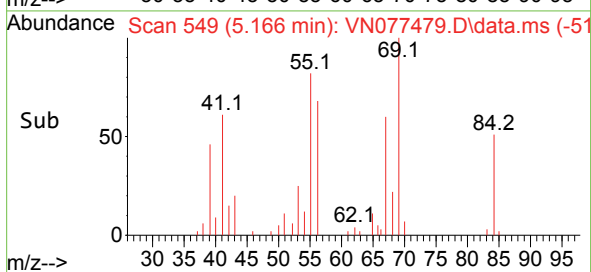
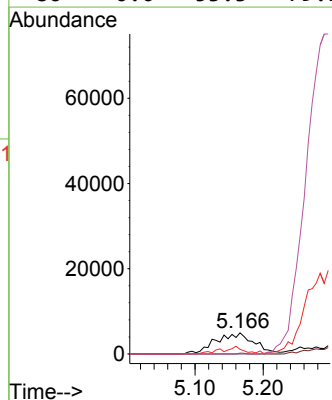
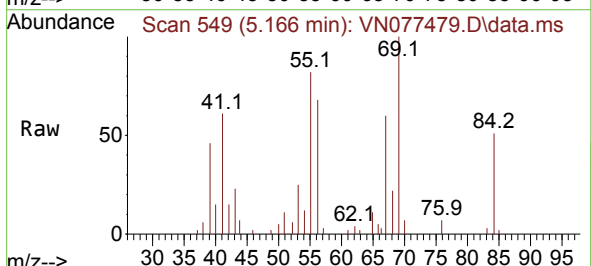
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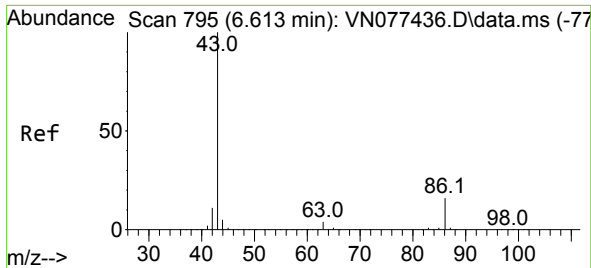
Tgt Ion: 43 Resp: 2526775
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#20
Methylene Chloride
Concen: 2.239 ug/l
RT: 5.166 min Scan# 549
Delta R.T. -0.124 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 84 Resp: 19332
Ion Ratio Lower Upper
84 100
49 4.1 79.7 119.5#
51 21.9 25.2 37.8#
86 0.0 53.3 79.9#

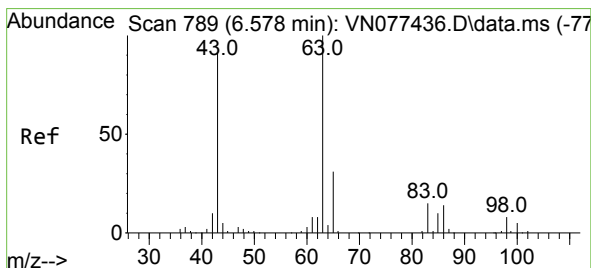
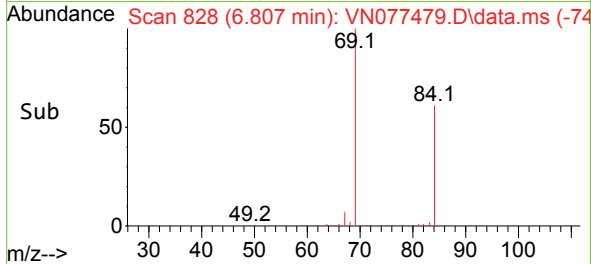
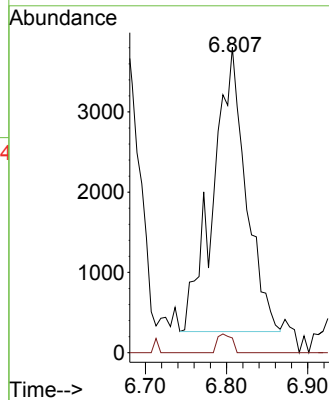
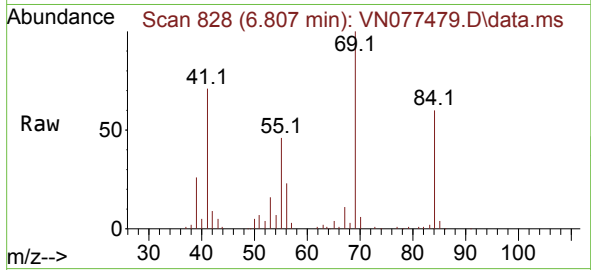




#23
 Vinyl Acetate
 Concen: 0.853 ug/l
 RT: 6.807 min Scan# 81
 Delta R.T. 0.194 min
 Lab File: VN077479.D
 Acq: 25 Apr 2023 19:09

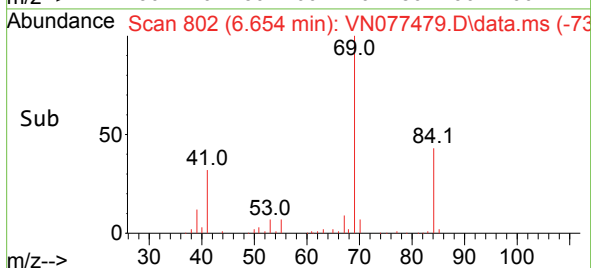
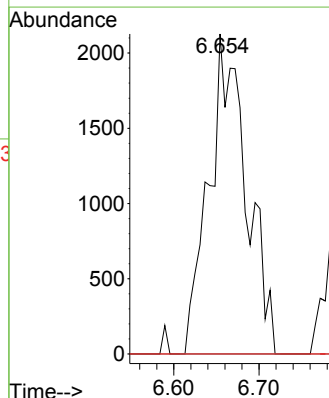
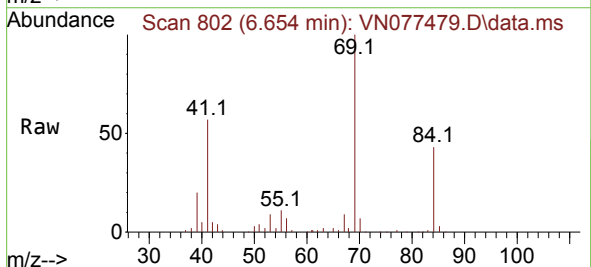
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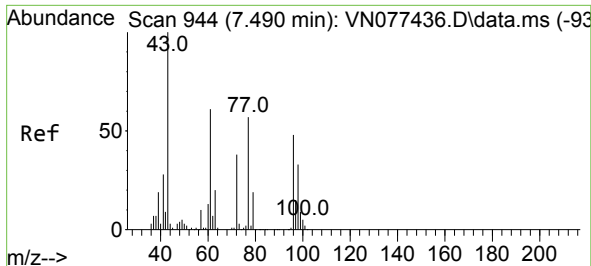
Tgt Ion: 43 Resp: 9951
 Ion Ratio Lower Upper
 43 100
 86 5.2 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 0.493 ug/l
 RT: 6.654 min Scan# 802
 Delta R.T. 0.076 min
 Lab File: VN077479.D
 Acq: 25 Apr 2023 19:09

Tgt Ion: 63 Resp: 6512
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#

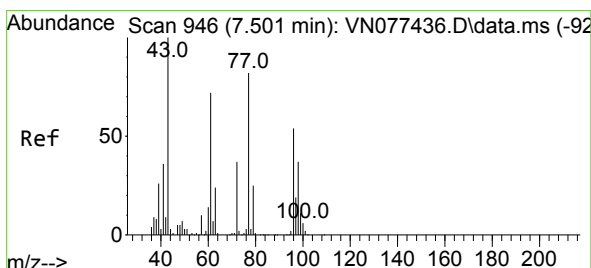
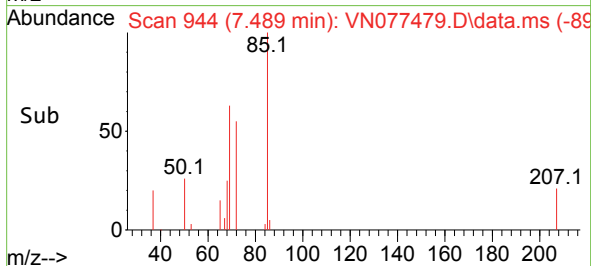
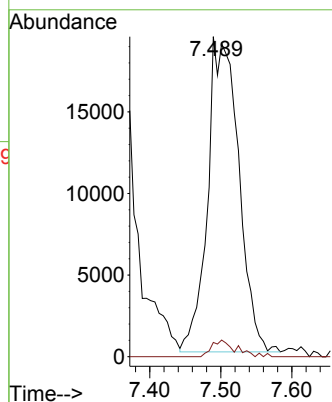
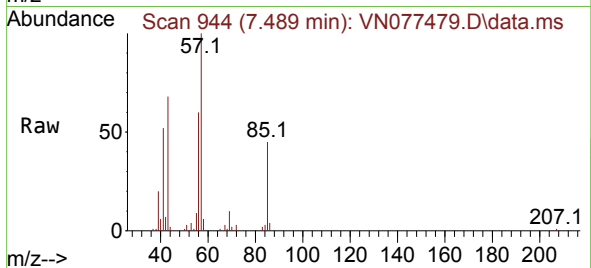




#25
2-Butanone
Concen: 15.211 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

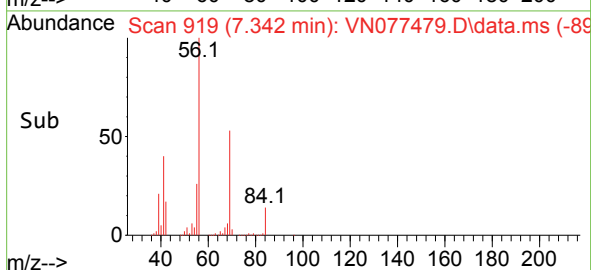
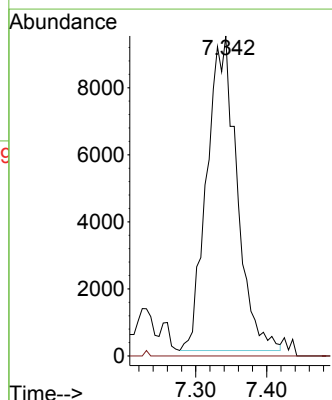
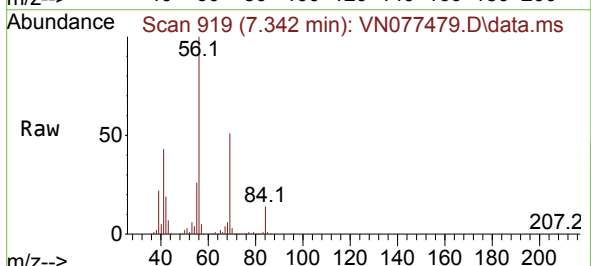
Instrument :
MSVOA_N
ClientSampleId :
MW-1

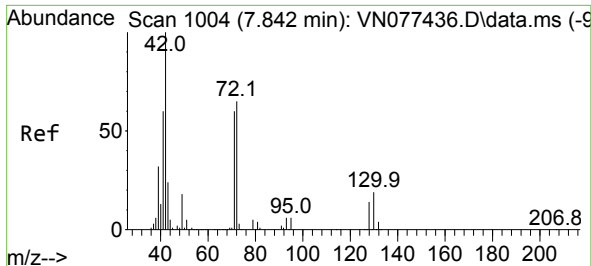
Tgt Ion: 43 Resp: 58736
Ion Ratio Lower Upper
43 100
72 4.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 2.150 ug/l
RT: 7.342 min Scan# 919
Delta R.T. -0.159 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 77 Resp: 27557
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#





#29

Tetrahydrofuran

Concen: 1.765 ug/l

RT: 7.831 min Scan# 1002

Delta R.T. -0.012 min

Lab File: VN077479.D

Acq: 25 Apr 2023 19:09

Instrument :

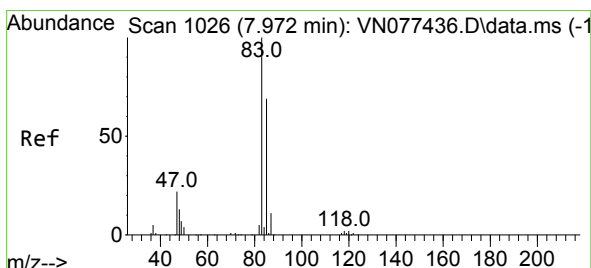
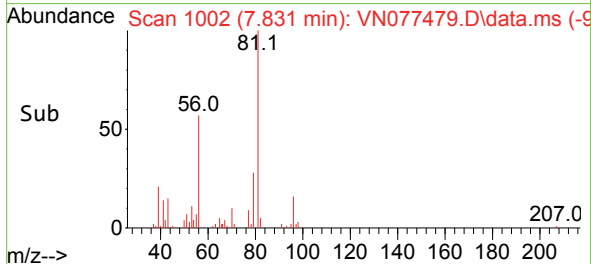
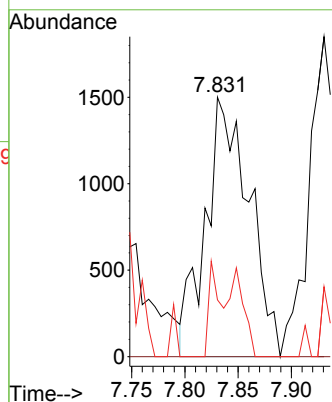
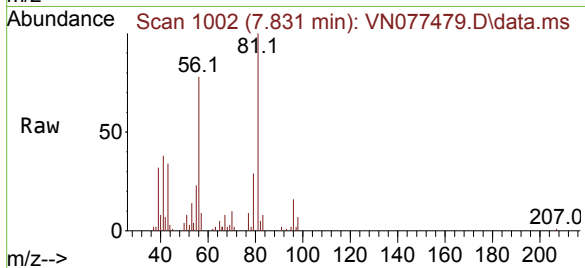
MSVOA_N

ClientSampleId :

MW-1

Tgt Ion: 42 Resp: 4270

Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.8	74.6#
71	0.0	47.4	71.2#



#30

Chloroform

Concen: 8.898 ug/l

RT: 7.942 min Scan# 1021

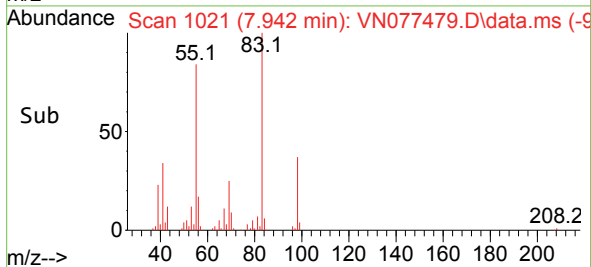
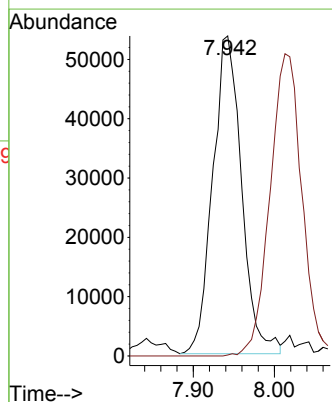
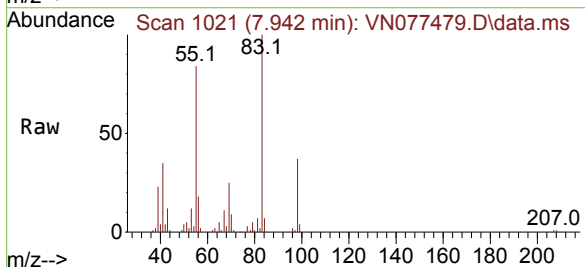
Delta R.T. -0.029 min

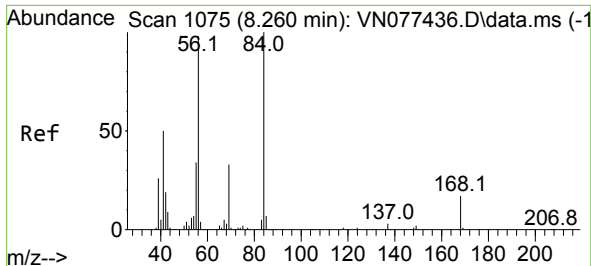
Lab File: VN077479.D

Acq: 25 Apr 2023 19:09

Tgt Ion: 83 Resp: 132555

Ion	Ratio	Lower	Upper
83	100		
85	0.3	55.4	83.0#

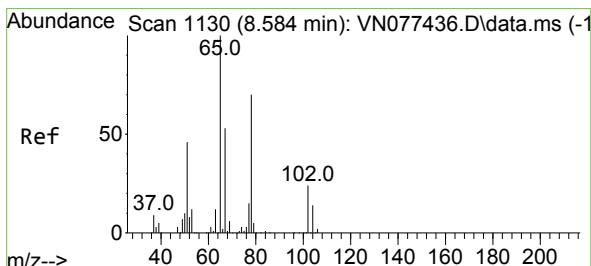
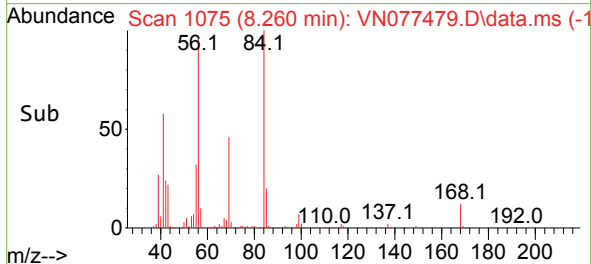
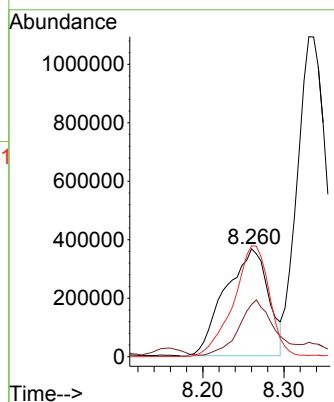
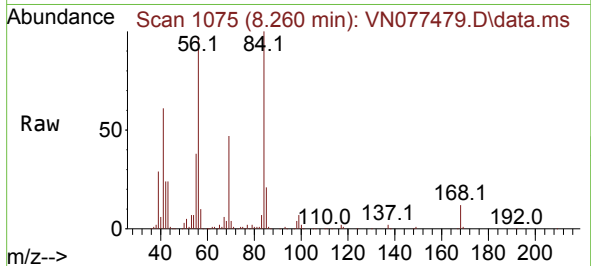




#31
Cyclohexane
Concen: 111.700 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

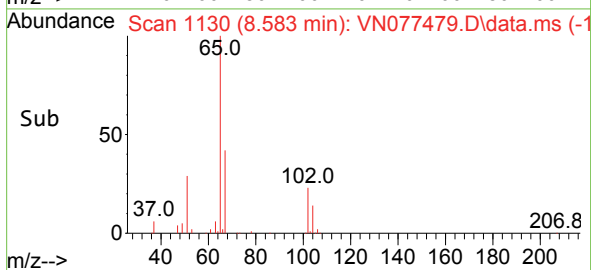
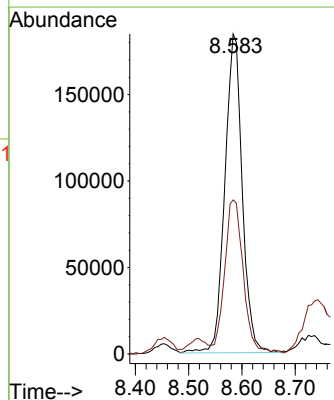
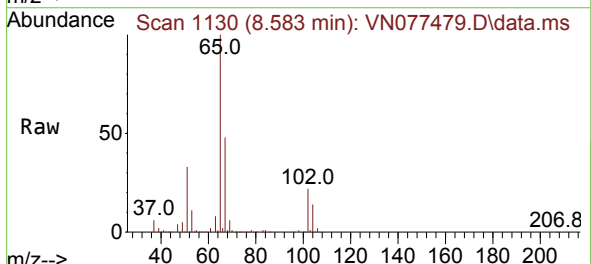
Instrument :
MSVOA_N
ClientSampleId :
MW-1

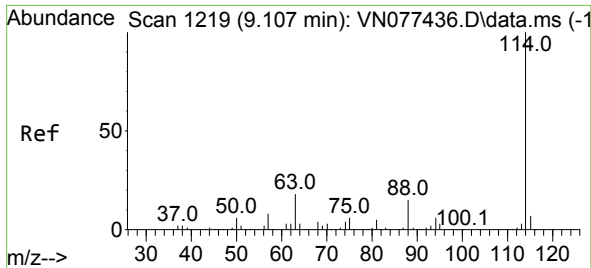
Tgt Ion: 56 Resp: 1354123
Ion Ratio Lower Upper
56 100
69 42.9 26.8 40.2#
84 103.5 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 48.870 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 65 Resp: 418215
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6

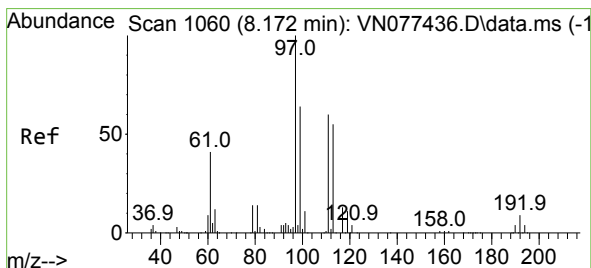
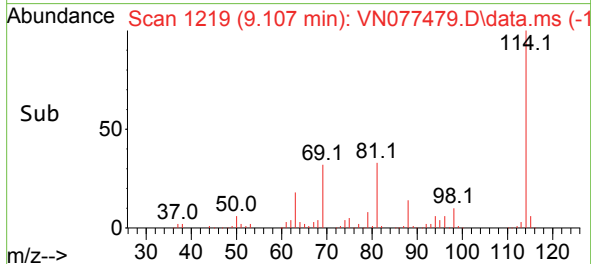
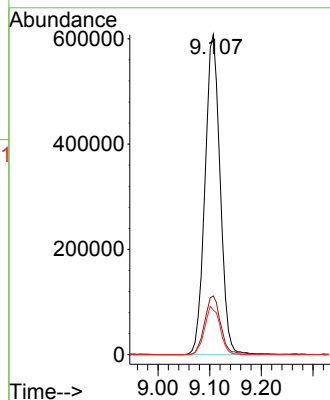
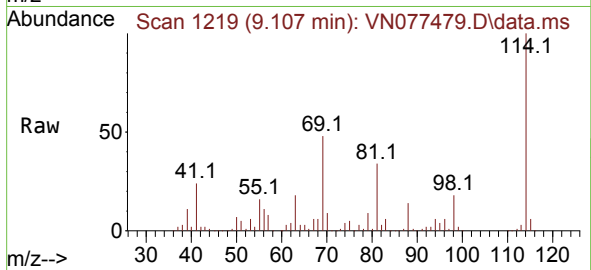




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN077479.D
 Acq: 25 Apr 2023 19:09

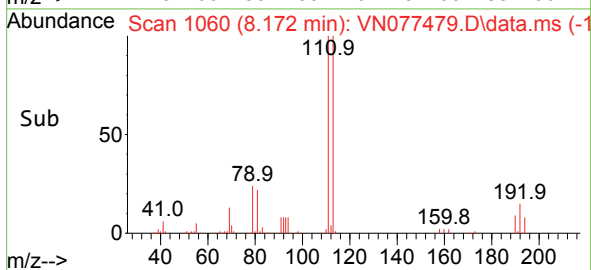
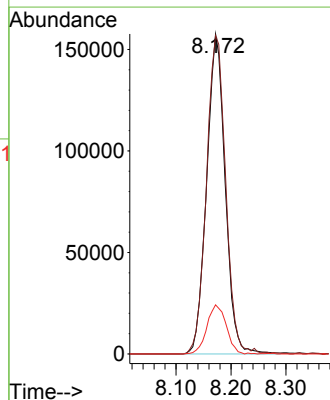
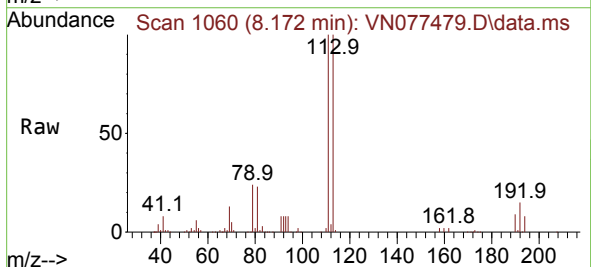
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

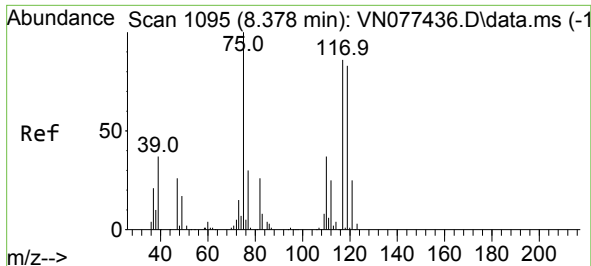
Tgt Ion:114 Resp: 1237377
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.4
 88 14.0 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 49.687 ug/l
 RT: 8.172 min Scan# 1060
 Delta R.T. -0.000 min
 Lab File: VN077479.D
 Acq: 25 Apr 2023 19:09

Tgt Ion:113 Resp: 369527
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.6 123.8
 192 16.0 12.7 19.1

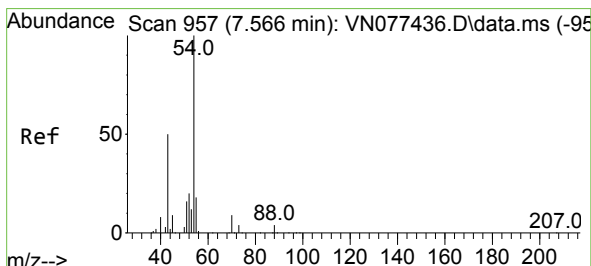
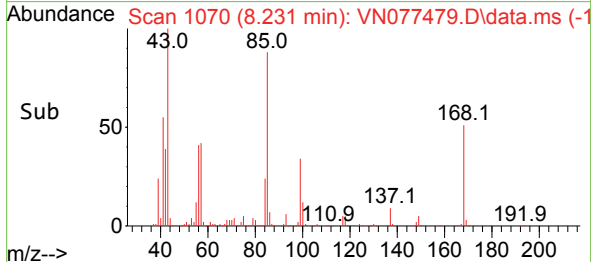
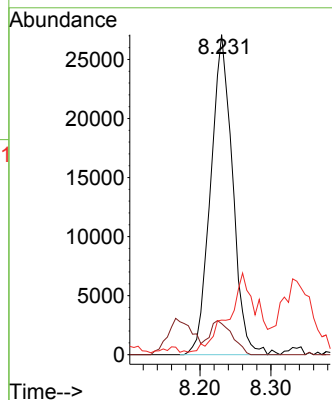
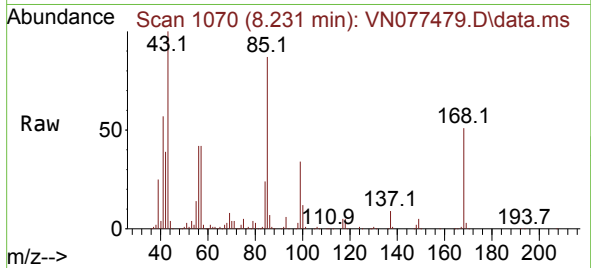




#36
1,1-Dichloropropene
Concen: 5.399 ug/l
RT: 8.231 min Scan# 1095
Delta R.T. -0.147 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

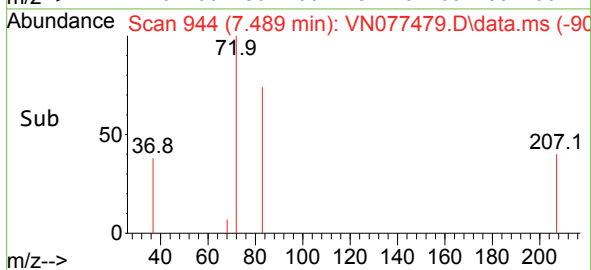
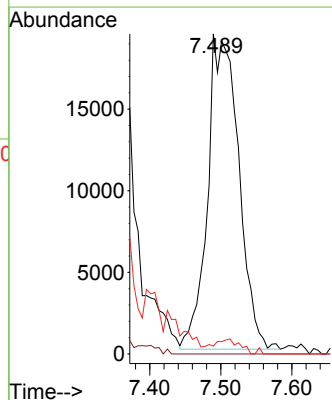
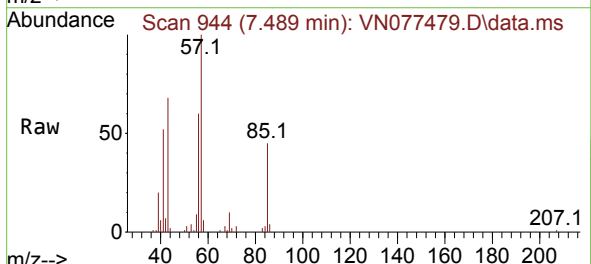
Instrument :
MSVOA_N
ClientSampleId :
MW-1

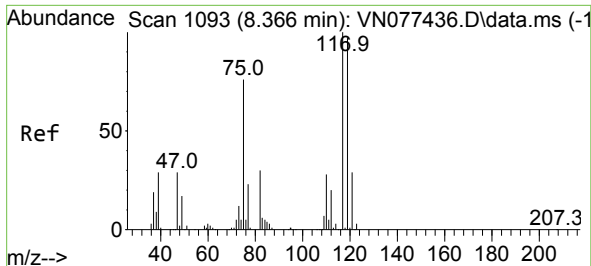
Tgt Ion: 75 Resp: 58005
Ion Ratio Lower Upper
75 100
110 11.1 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 7.194 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.077 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 43 Resp: 58736
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#

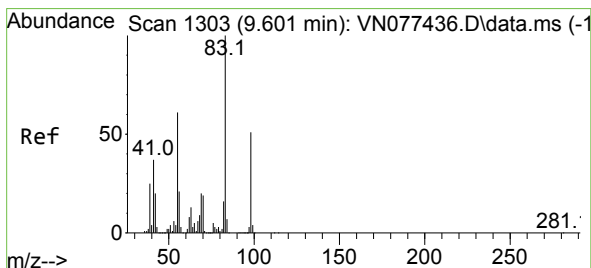
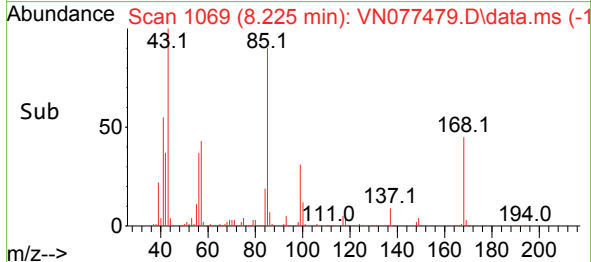
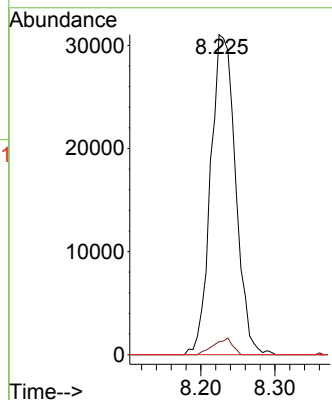
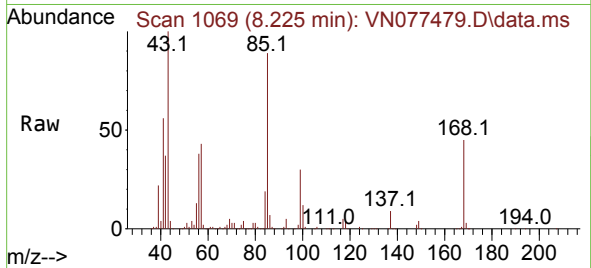




#38
Carbon Tetrachloride
Concen: 6.107 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.141 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

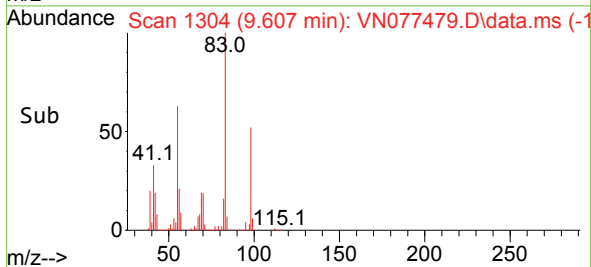
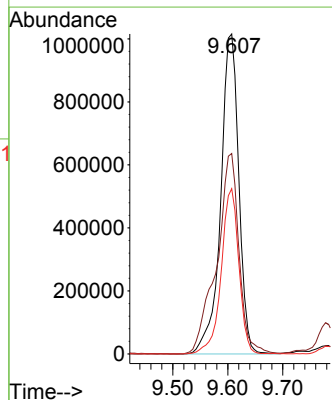
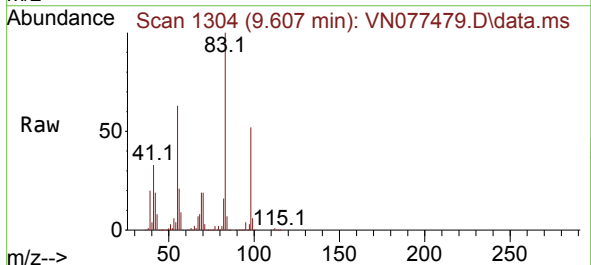
Instrument :
MSVOA_N
ClientSampleId :
MW-1

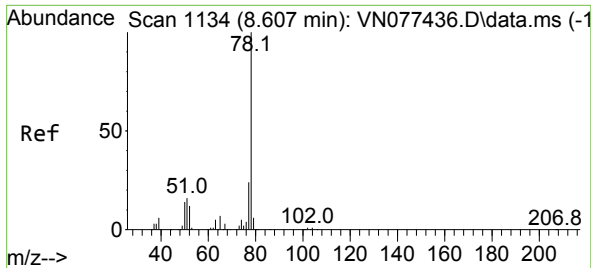
Tgt Ion:117 Resp: 72396
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 164.366 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 83 Resp: 2326797
Ion Ratio Lower Upper
83 100
55 62.6 49.1 73.7
98 51.7 40.6 61.0

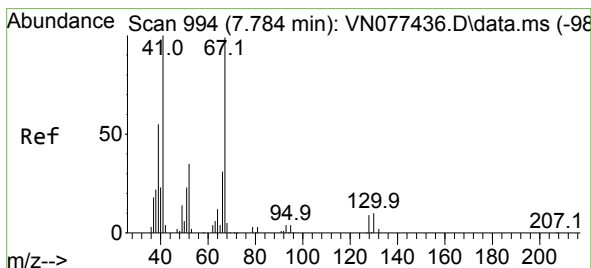
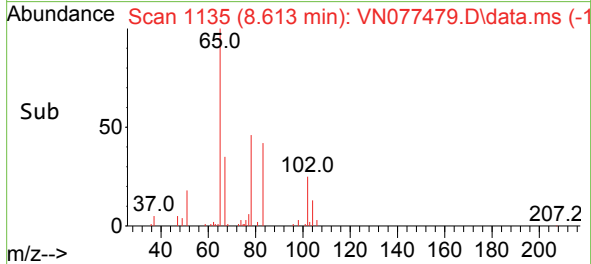
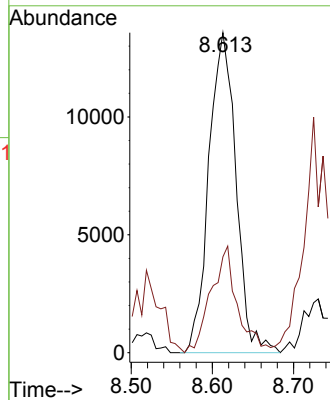
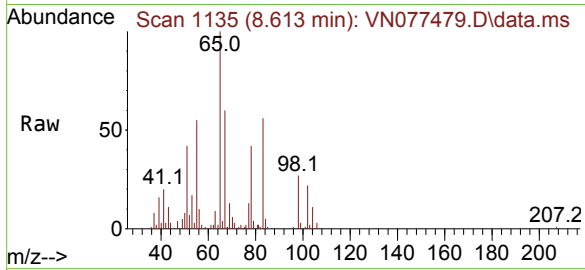




#40
Benzene
Concen: 0.964 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

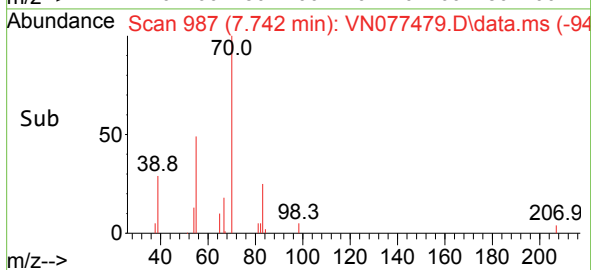
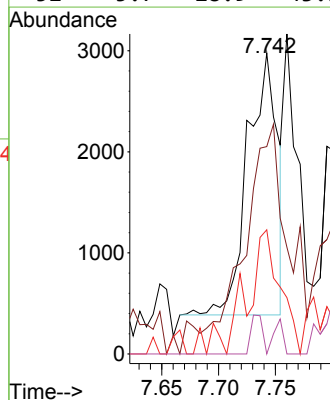
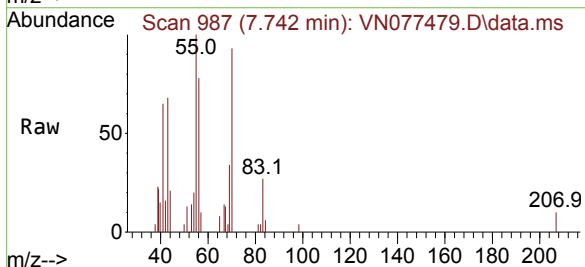
Instrument :
MSVOA_N
ClientSampleId :
MW-1

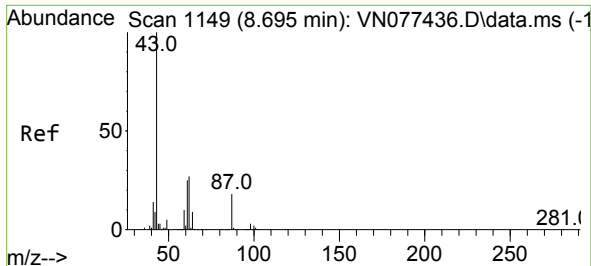
Tgt Ion: 78 Resp: 31559
Ion Ratio Lower Upper
78 100
77 28.5 19.0 28.6



#41
Methacrylonitrile
Concen: 1.110 ug/l
RT: 7.742 min Scan# 987
Delta R.T. -0.041 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 41 Resp: 4722
Ion Ratio Lower Upper
41 100
39 102.4 42.6 64.0#
67 0.0 77.5 116.3#
52 5.7 28.9 43.3#

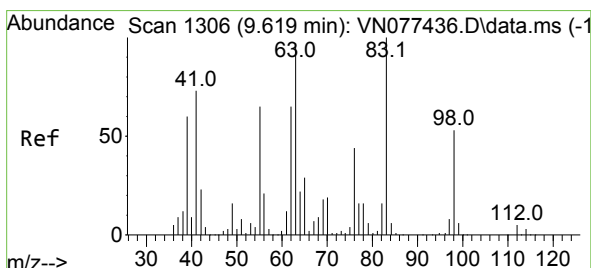
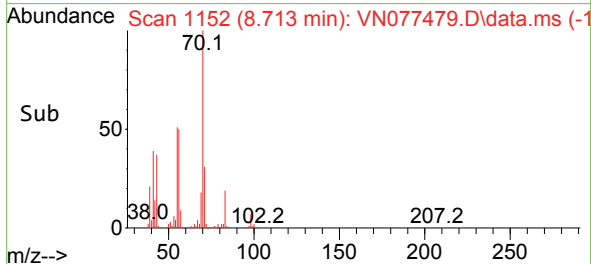
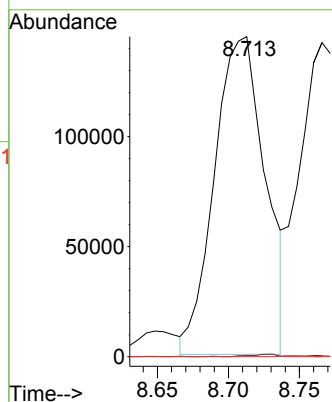
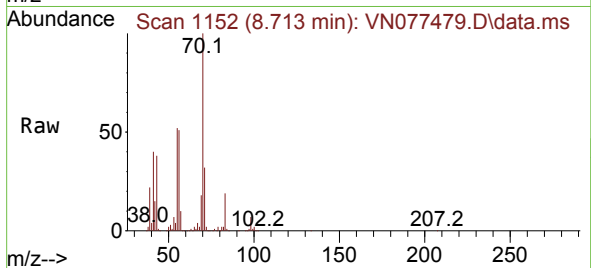




#43
Isopropyl Acetate
Concen: 25.381 ug/l
RT: 8.713 min Scan# 1152
Delta R.T. 0.018 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

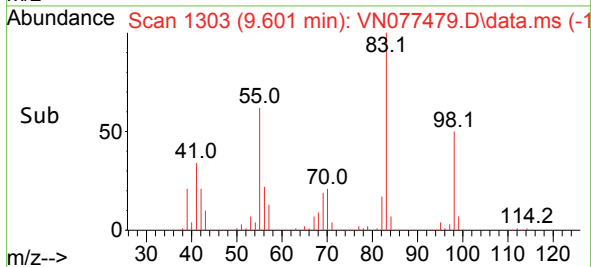
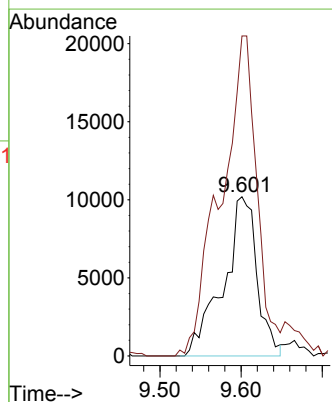
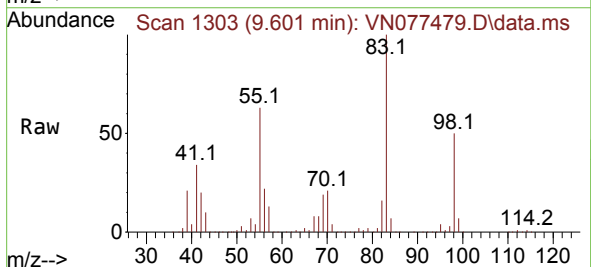
Instrument :
MSVOA_N
ClientSampleId :
MW-1

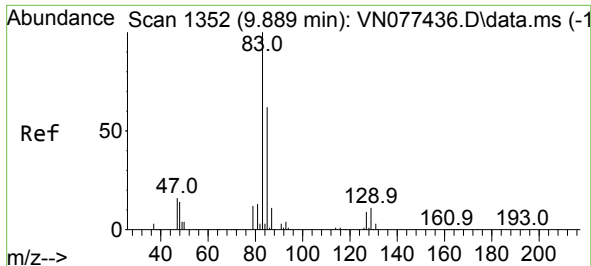
Tgt Ion: 43 Resp: 358498
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#45
1,2-Dichloropropane
Concen: 3.833 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.018 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 63 Resp: 29387
Ion Ratio Lower Upper
63 100
65 197.3 23.9 35.9#

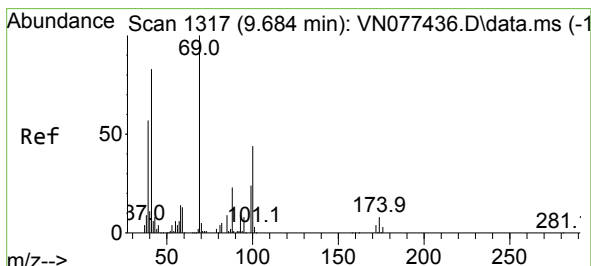
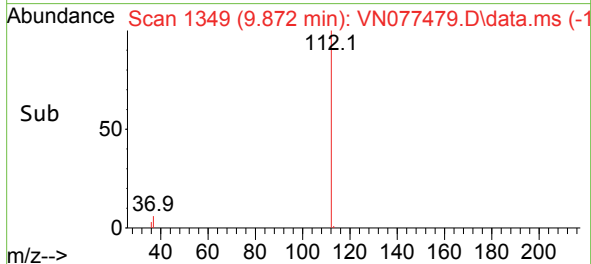
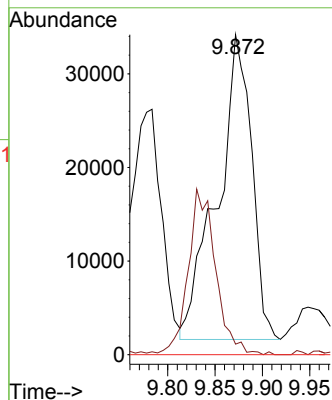
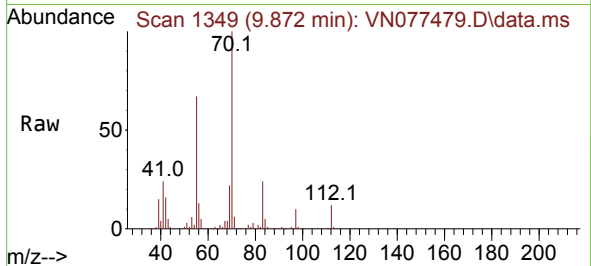




#47
Bromodichloromethane
Concen: 6.811 ug/l
RT: 9.872 min Scan# 1349
Delta R.T. -0.018 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

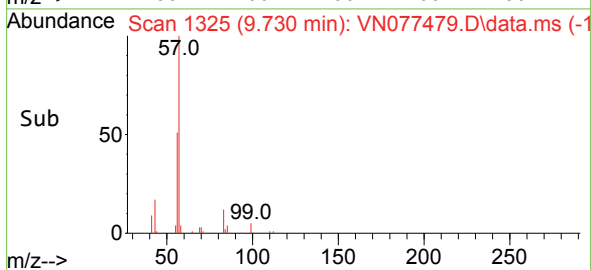
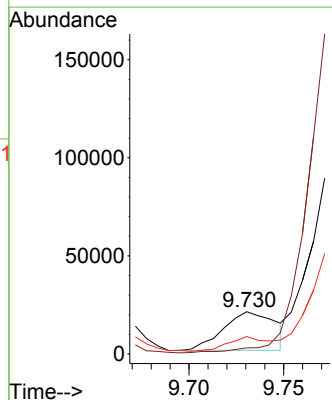
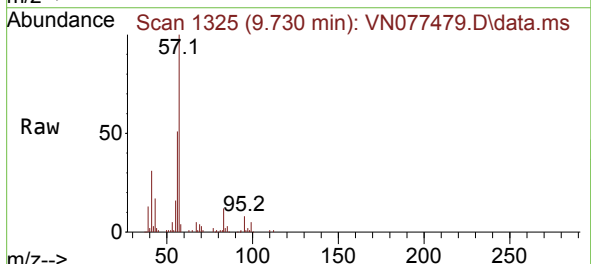
Instrument :
MSVOA_N
ClientSampleId :
MW-1

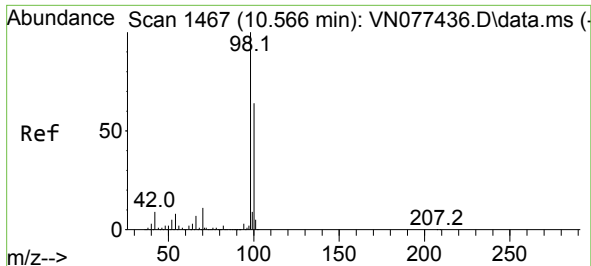
Tgt Ion: 83 Resp: 81969
Ion Ratio Lower Upper
83 100
85 3.5 49.6 74.4#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 5.802 ug/l
RT: 9.730 min Scan# 1325
Delta R.T. 0.047 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 41 Resp: 37301
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 0.0 54.6 81.8#

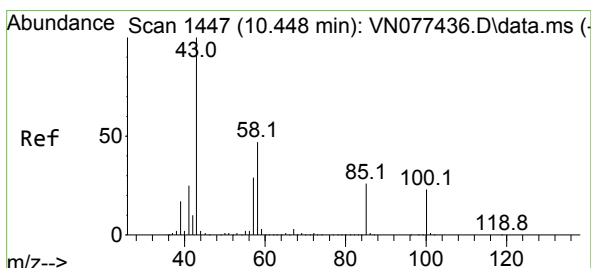
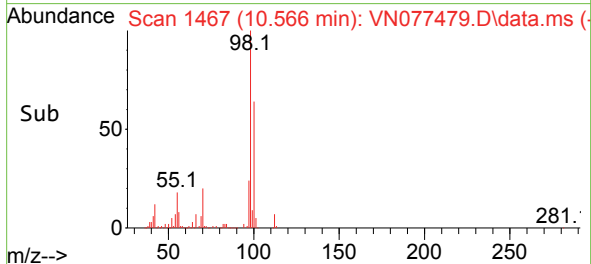
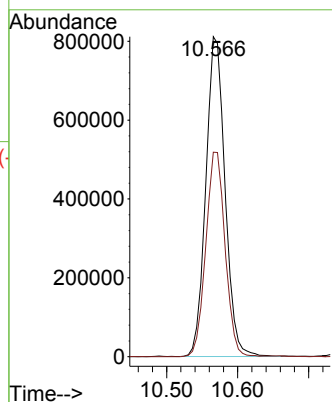
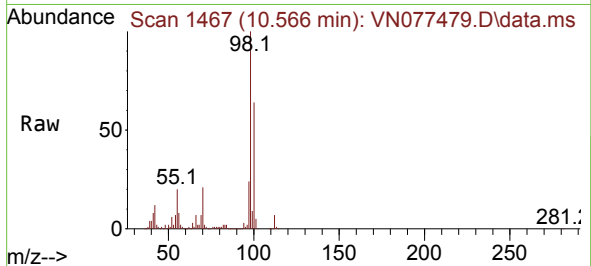




#50
Toluene-d8
Concen: 53.516 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

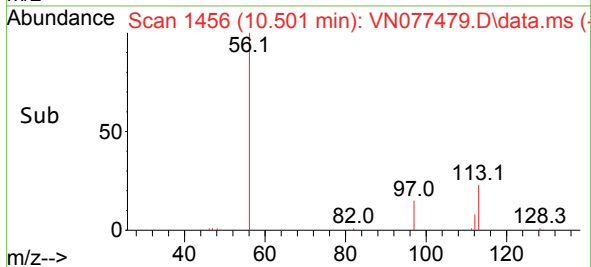
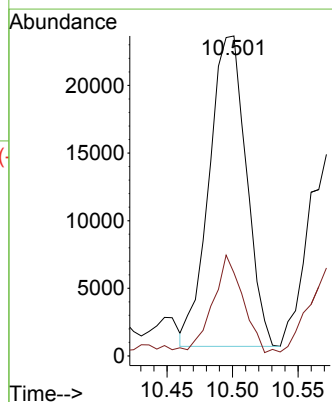
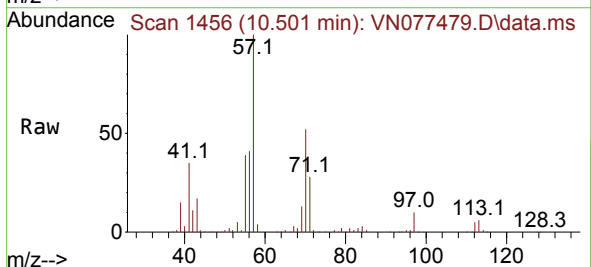
Instrument :
MSVOA_N
ClientSampleId :
MW-1

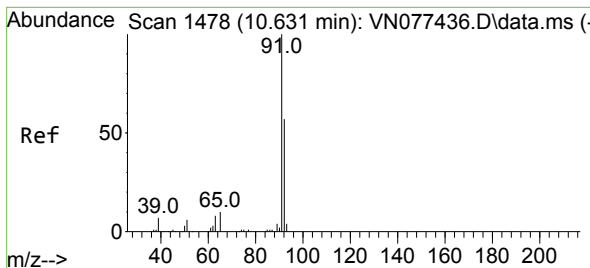
Tgt Ion: 98 Resp: 1525408
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 5.451 ug/l
RT: 10.501 min Scan# 1456
Delta R.T. 0.053 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 43 Resp: 45163
Ion Ratio Lower Upper
43 100
58 26.1 36.6 54.8#





#52

Toluene

Concen: 0.902 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VN077479.D

Acq: 25 Apr 2023 19:09

Instrument :

MSVOA_N

ClientSampleId :

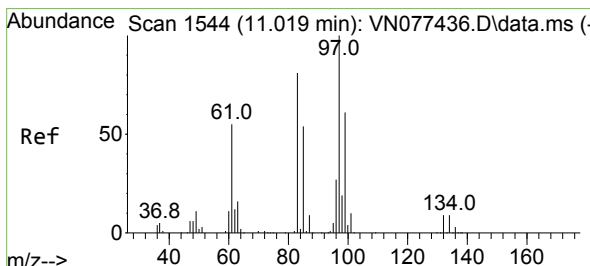
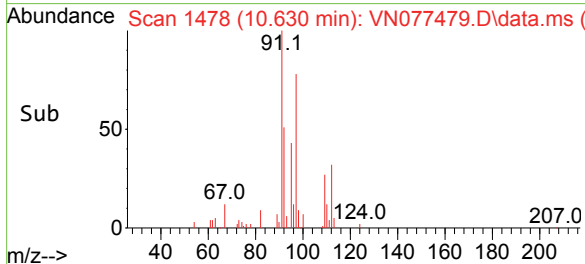
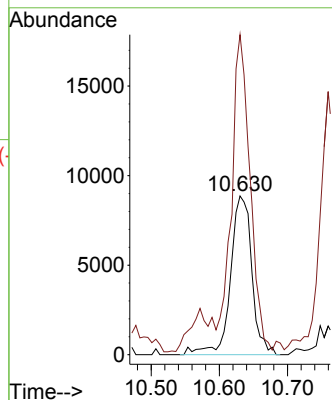
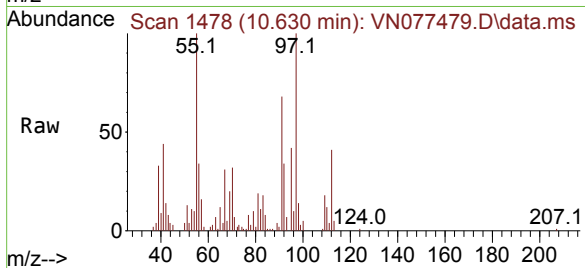
MW-1

Tgt Ion: 92 Resp: 19340

Ion Ratio Lower Upper

92 100

91 172.4 137.4 206.0



#55

1,1,2-Trichloroethane

Concen: 34.563 ug/l

RT: 11.007 min Scan# 1542

Delta R.T. -0.012 min

Lab File: VN077479.D

Acq: 25 Apr 2023 19:09

Tgt Ion: 97 Resp: 298029

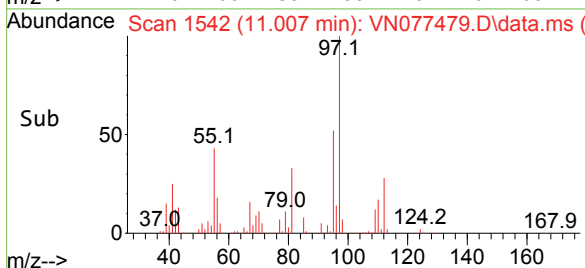
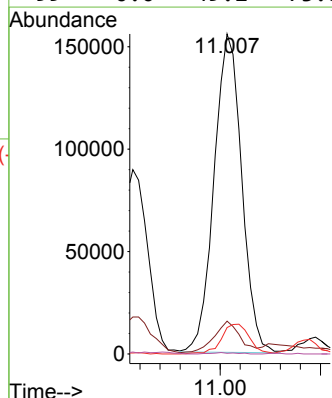
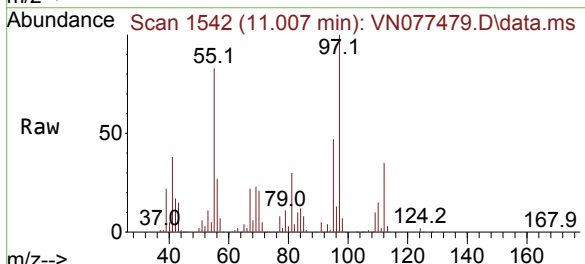
Ion Ratio Lower Upper

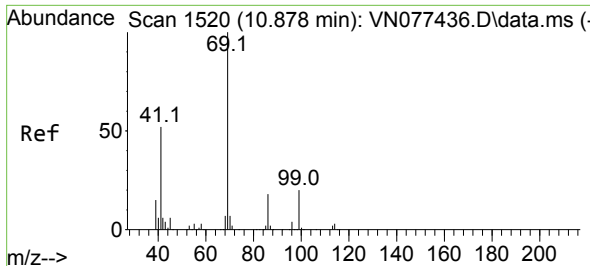
97 100

83 9.9 65.1 97.7#

85 8.3 43.4 65.2#

99 0.0 49.2 73.8#

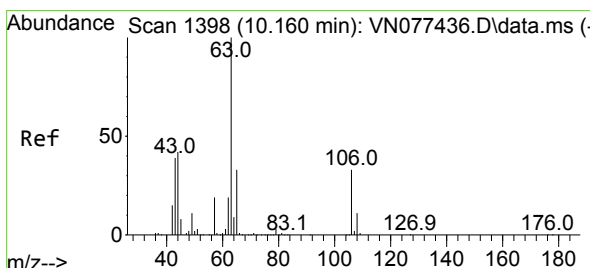
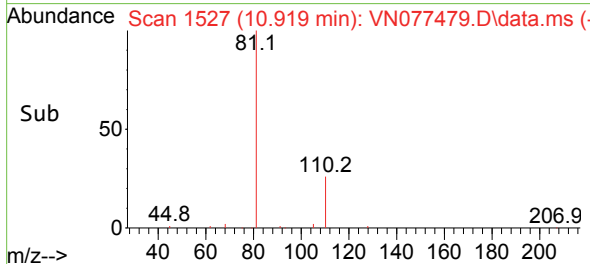
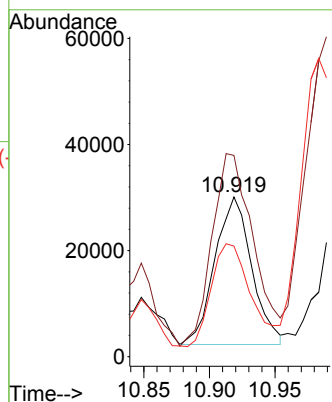
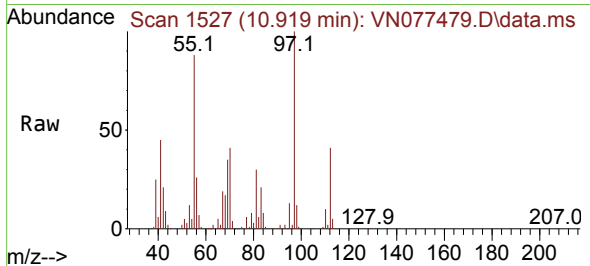




#56
Ethyl methacrylate
Concen: 4.501 ug/l
RT: 10.919 min Scan# 1520
Delta R.T. 0.041 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

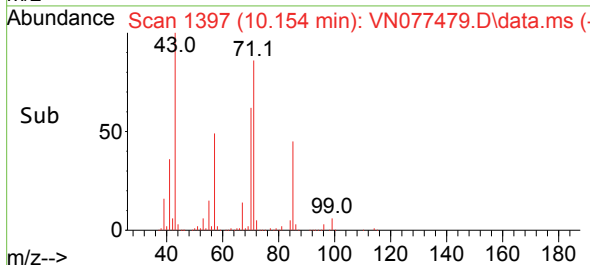
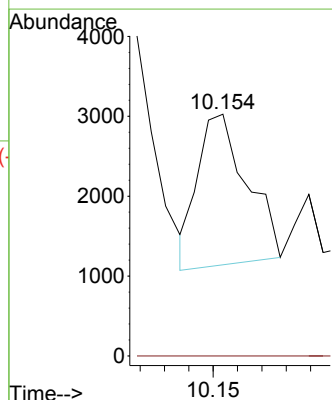
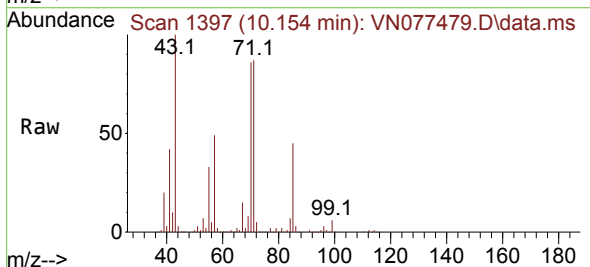
Instrument :
MSVOA_N
ClientSampleId :
MW-1

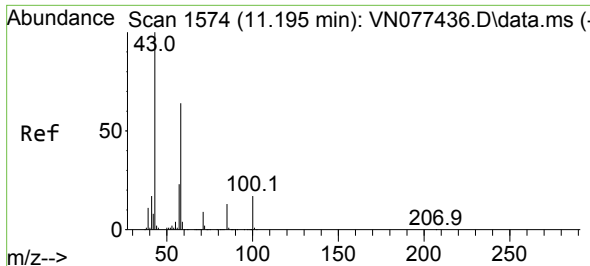
Tgt Ion: 69 Resp: 54382
Ion Ratio Lower Upper
69 100
41 146.5 39.6 59.4#
39 75.7 28.6 43.0#



#58
2-Chloroethyl Vinyl ether
Concen: 0.654 ug/l
RT: 10.154 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 63 Resp: 2672
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#

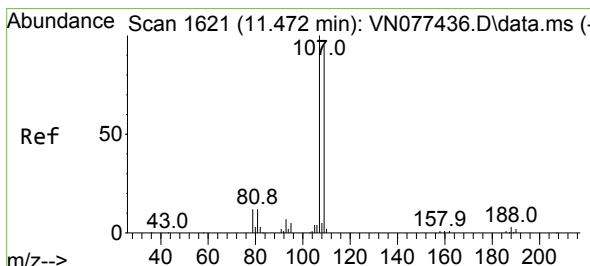
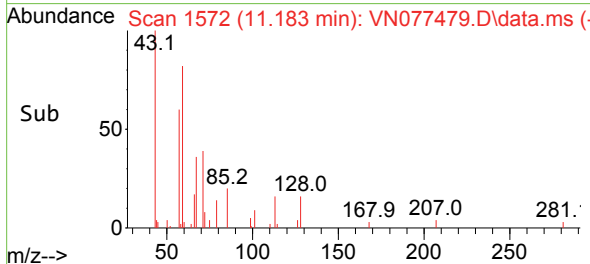
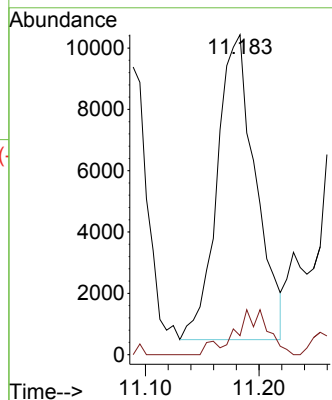
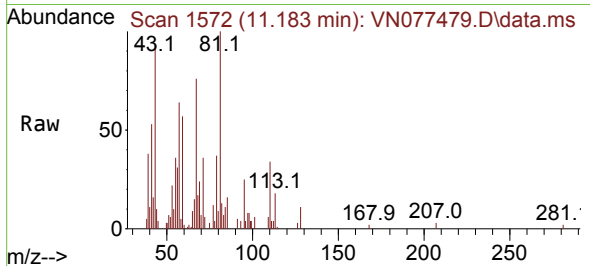




#59
2-Hexanone
Concen: 3.884 ug/l
RT: 11.183 min Scan# 111
Delta R.T. -0.012 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

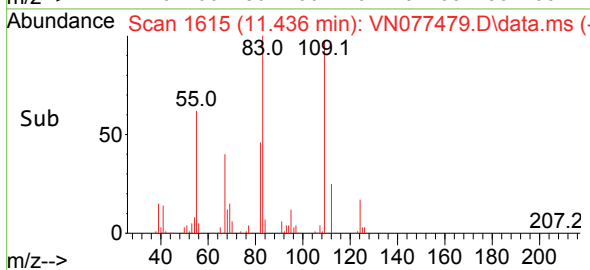
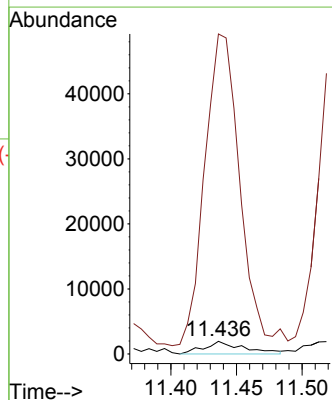
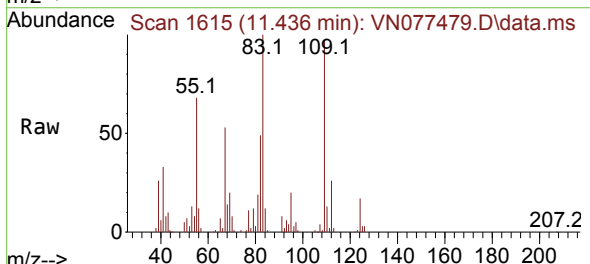
Instrument :
MSVOA_N
ClientSampleId :
MW-1

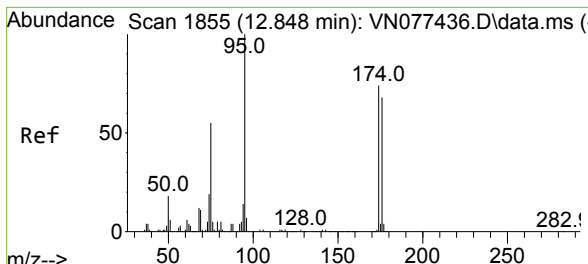
Tgt Ion: 43 Resp: 23389
Ion Ratio Lower Upper
43 100
58 11.4 31.7 95.1#



#61
1,2-Dibromoethane
Concen: 0.465 ug/l
RT: 11.436 min Scan# 1615
Delta R.T. -0.035 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion:107 Resp: 4092
Ion Ratio Lower Upper
107 100
109 2196.8 76.6 114.8#

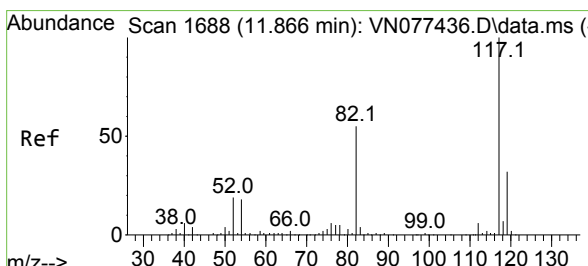
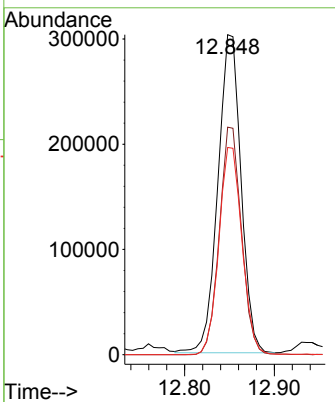
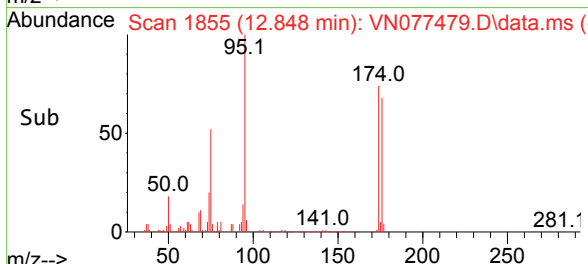
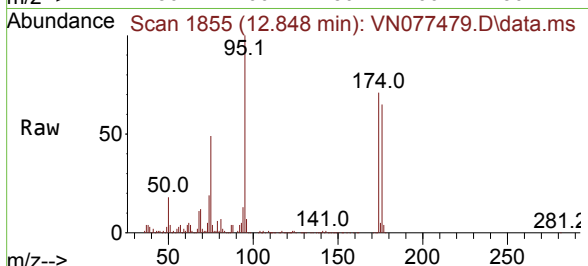




#62
 4-Bromofluorobenzene
 Concen: 58.016 ug/l
 RT: 12.848 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: VN077479.D
 Acq: 25 Apr 2023 19:09

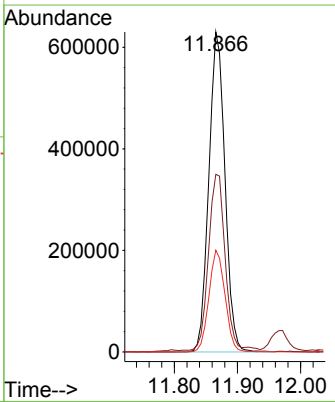
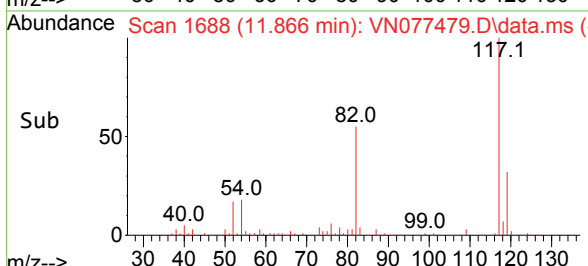
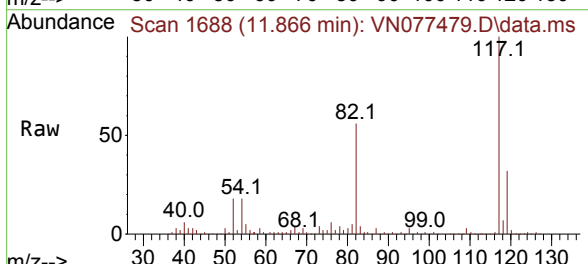
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

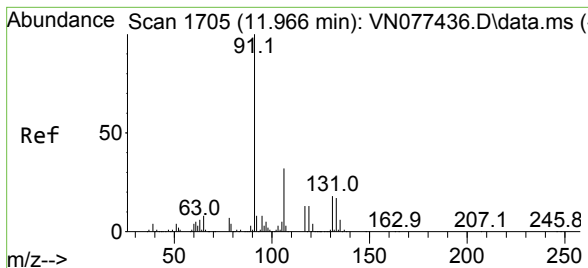
Tgt Ion:	95	Resp:	541041
Ion Ratio	Lower	Upper	
95	100		
174	68.4	0.0	143.8
176	65.0	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.866 min Scan# 1688
 Delta R.T. -0.000 min
 Lab File: VN077479.D
 Acq: 25 Apr 2023 19:09

Tgt Ion:	117	Resp:	1118669
Ion Ratio	Lower	Upper	
117	100		
82	55.0	44.0	66.0
119	31.8	25.6	38.4





#67

Ethyl Benzene

Concen: 19.087 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077479.D

Acq: 25 Apr 2023 19:09

Instrument :

MSVOA_N

ClientSampleId :

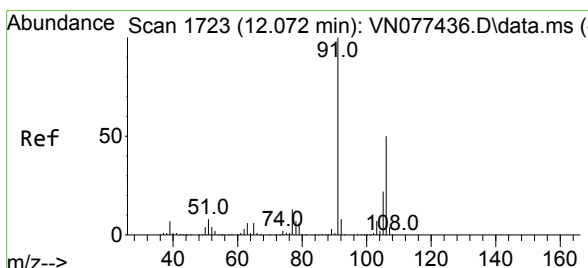
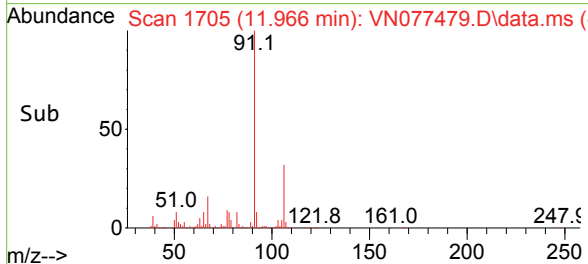
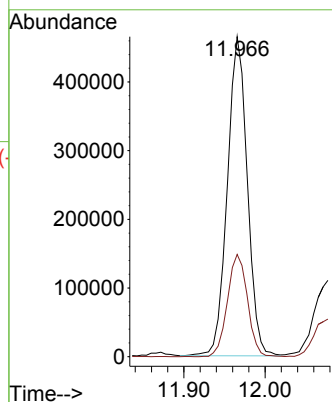
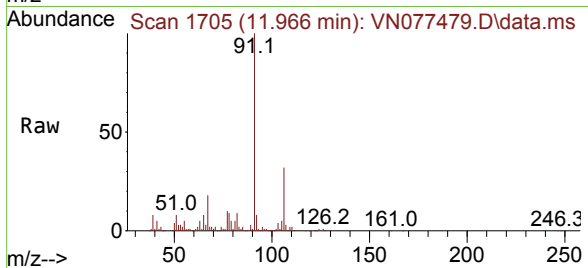
MW-1

Tgt Ion: 91 Resp: 795377

Ion Ratio Lower Upper

91 100

106 32.0 25.6 38.4



#68

m/p-Xylenes

Concen: 6.851 ug/l

RT: 12.077 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VN077479.D

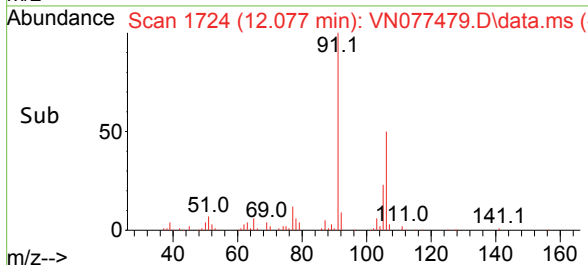
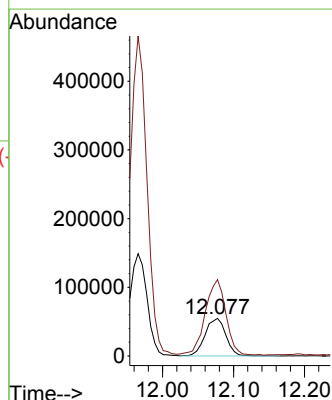
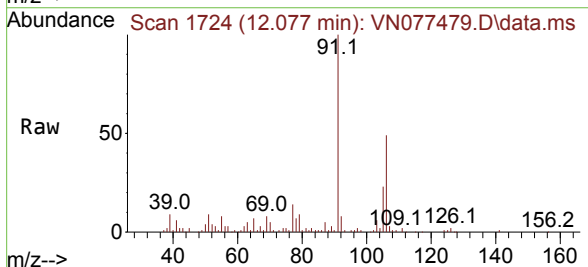
Acq: 25 Apr 2023 19:09

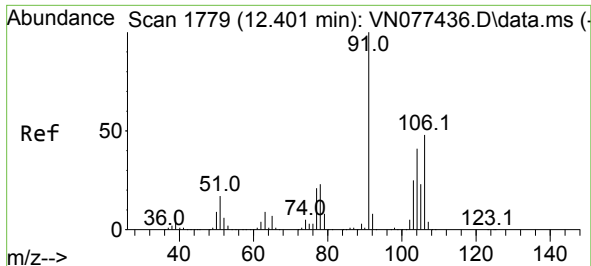
Tgt Ion:106 Resp: 110961

Ion Ratio Lower Upper

106 100

91 201.3 159.6 239.4

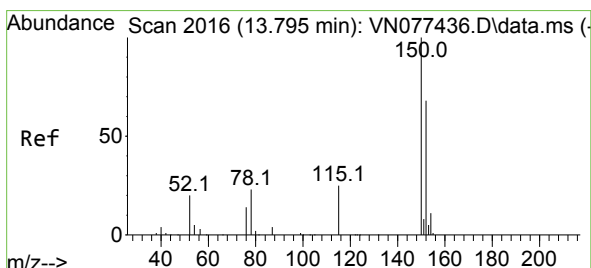
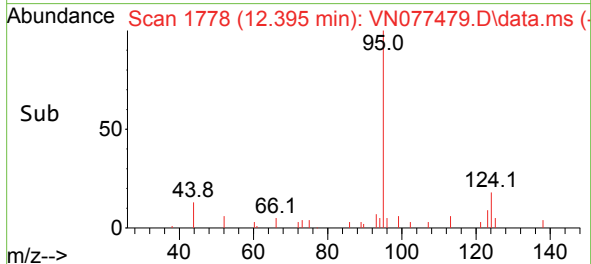
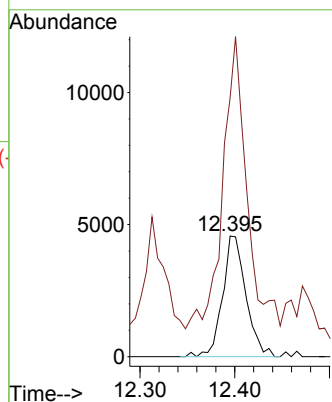
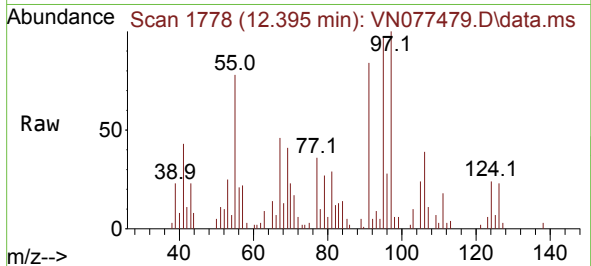




#69
o-Xylene
Concen: 0.491 ug/l
RT: 12.395 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

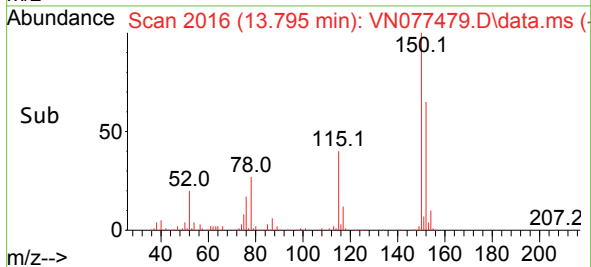
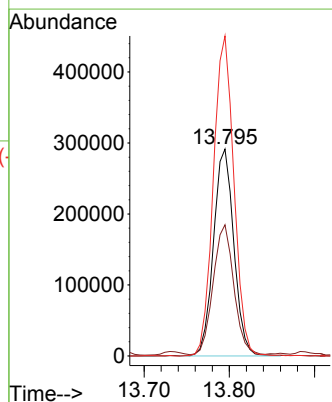
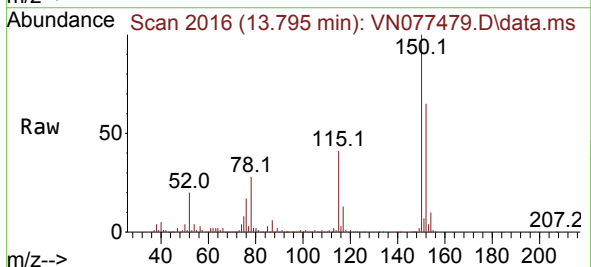
Instrument :
MSVOA_N
ClientSampleId :
MW-1

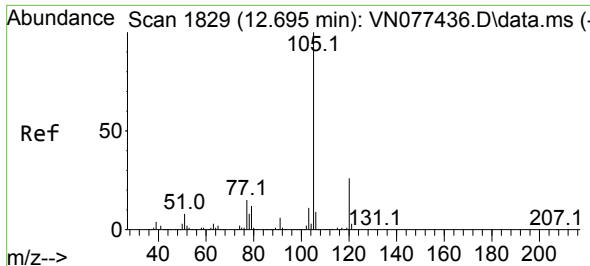
Tgt Ion:106 Resp: 7828
Ion Ratio Lower Upper
106 100
91 244.7 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion:152 Resp: 484571
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 155.8 0.0 355.8

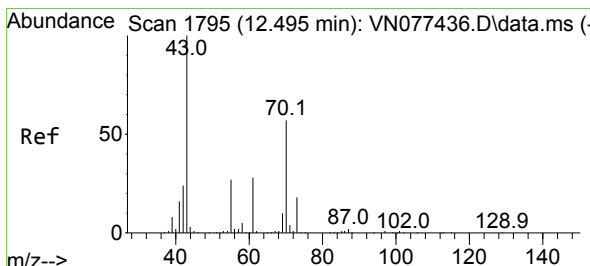
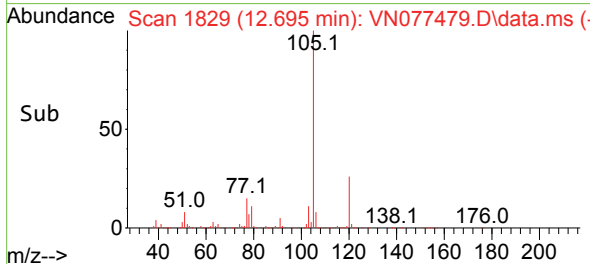
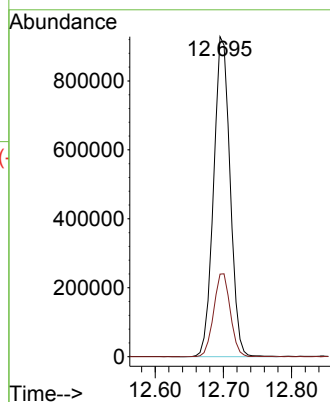
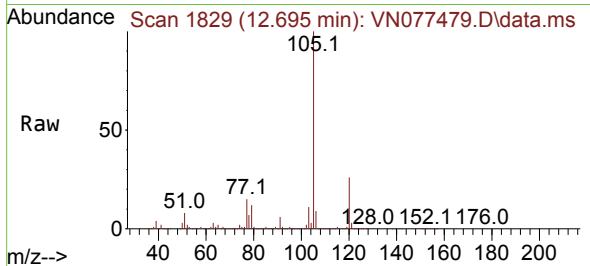




#73
Isopropylbenzene
Concen: 34.724 ug/l
RT: 12.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

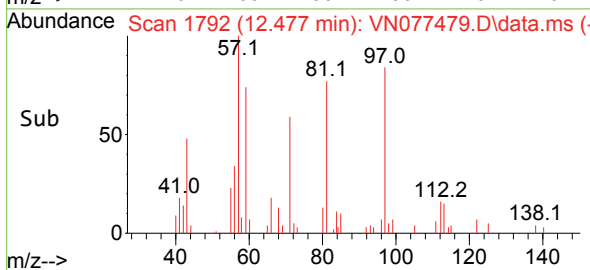
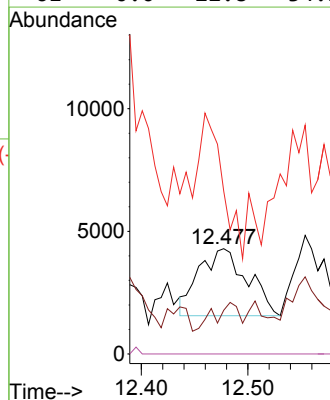
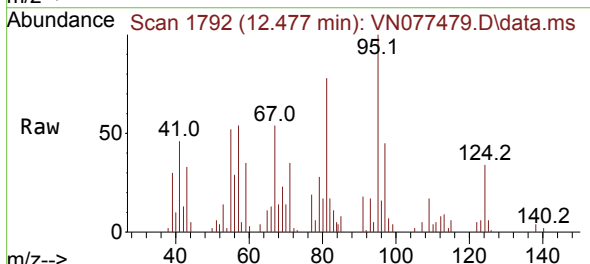
Instrument :
MSVOA_N
ClientSampleId :
MW-1

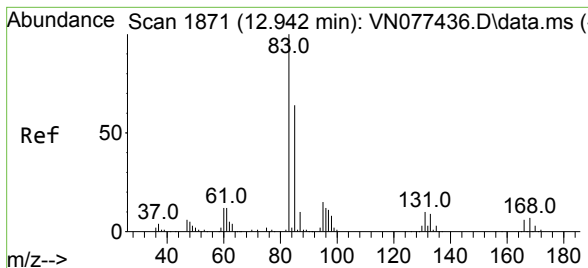
Tgt Ion:105 Resp: 1561396
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 0.645 ug/l
RT: 12.477 min Scan# 1792
Delta R.T. -0.018 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 43 Resp: 8585
Ion Ratio Lower Upper
43 100
70 8.4 43.4 65.2#
55 0.0 21.4 32.0#
61 0.0 22.8 34.2#

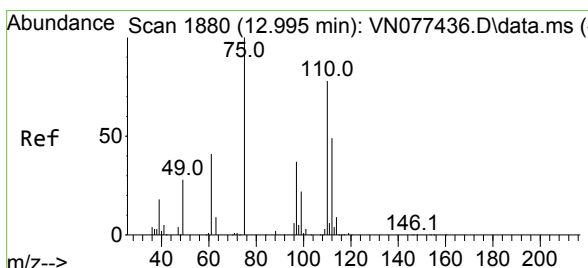
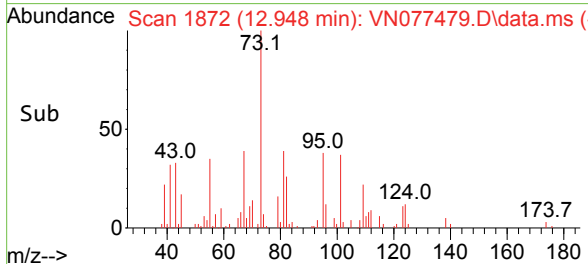
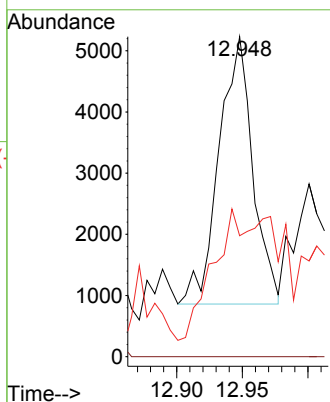
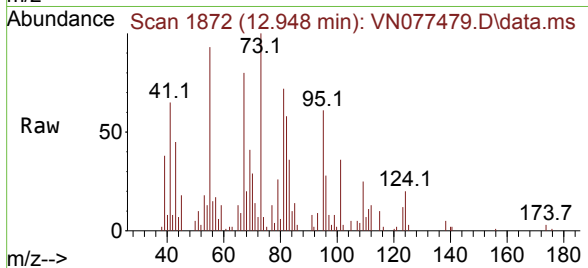




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.553 ug/l
 RT: 12.948 min Scan# 1871
 Delta R.T. 0.006 min
 Lab File: VN077479.D
 Acq: 25 Apr 2023 19:09

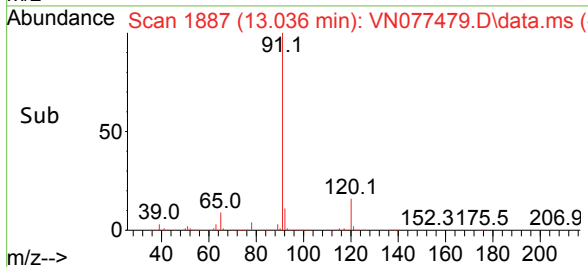
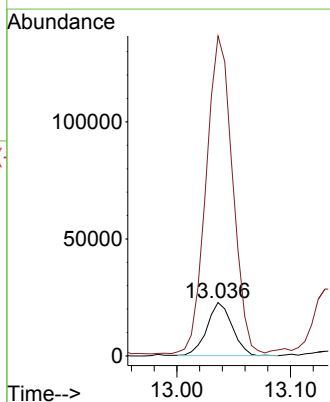
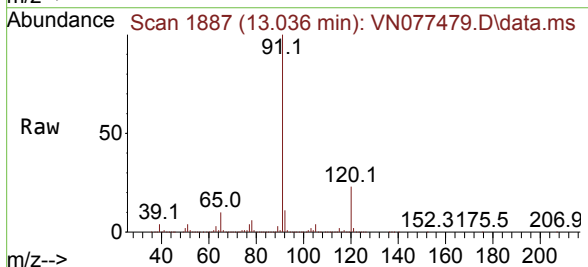
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

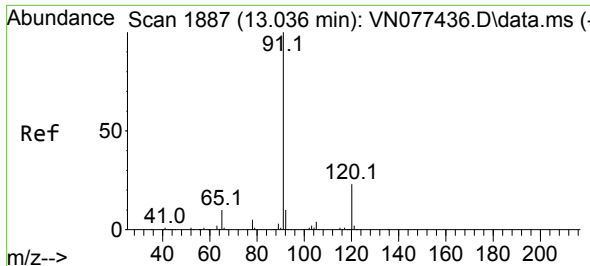
Tgt Ion: 83 Resp: 7816
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0#
 85 48.9 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 3.096 ug/l
 RT: 13.036 min Scan# 1887
 Delta R.T. 0.041 min
 Lab File: VN077479.D
 Acq: 25 Apr 2023 19:09

Tgt Ion: 75 Resp: 34890
 Ion Ratio Lower Upper
 75 100
 77 632.5 84.5 253.5#

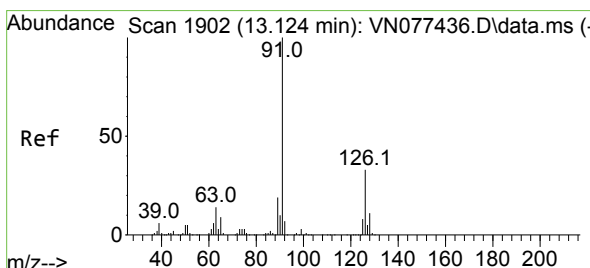
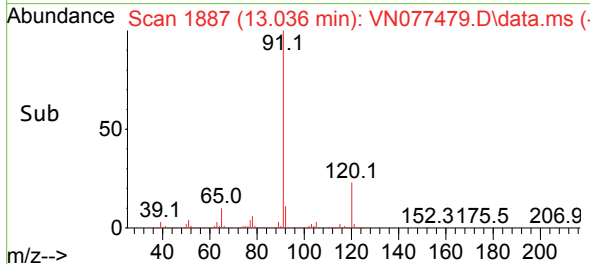
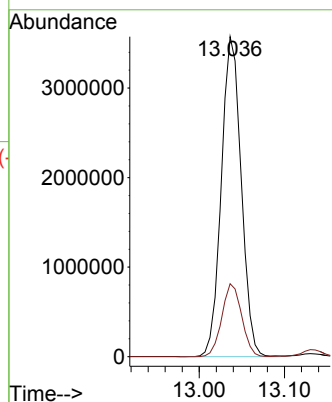
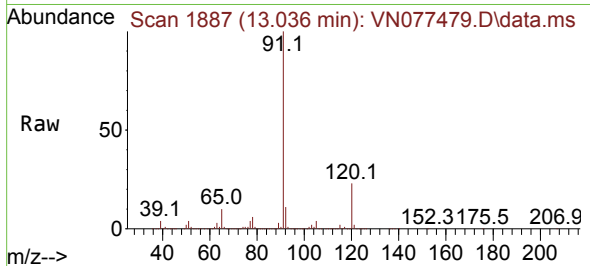




#78
n-propylbenzene
Concen: 116.431 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

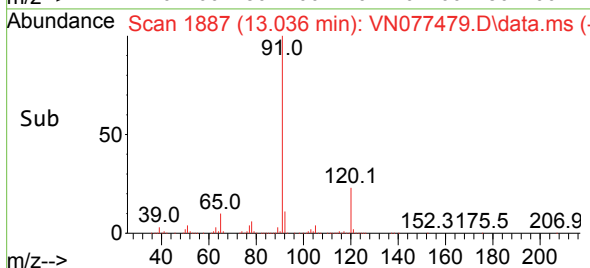
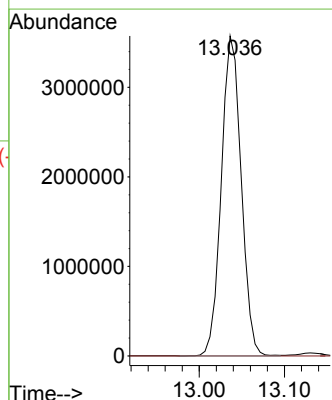
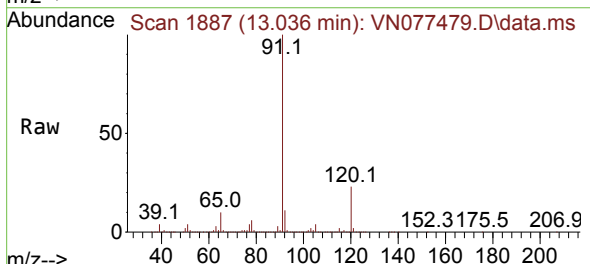
Instrument :
MSVOA_N
ClientSampleId :
MW-1

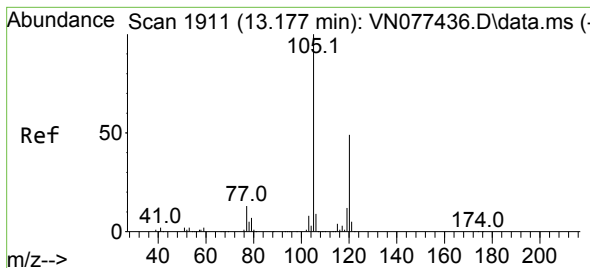
Tgt Ion: 91 Resp: 5788854
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4



#79
2-Chlorotoluene
Concen: 188.843 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.088 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 91 Resp: 5788854
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 14.153 ug/l

RT: 13.130 min Scan# 1911

Delta R.T. -0.047 min

Lab File: VN077479.D

Acq: 25 Apr 2023 19:09

Instrument :

MSVOA_N

ClientSampleId :

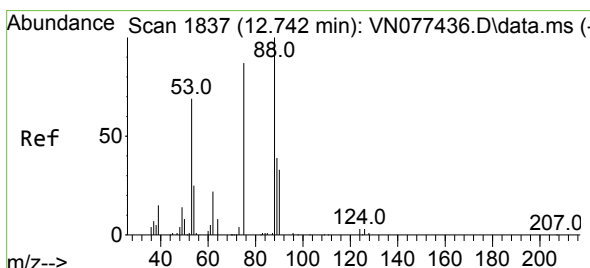
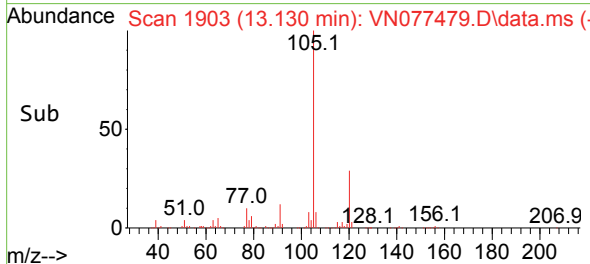
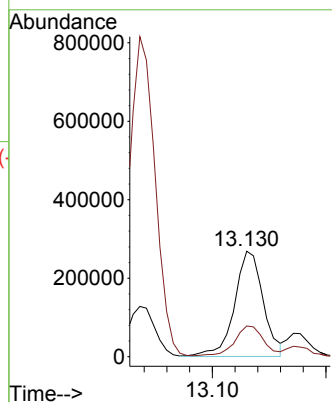
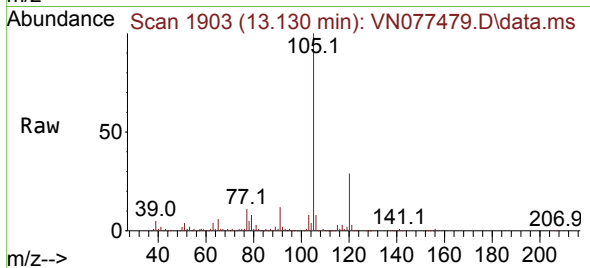
MW-1

Tgt Ion:105 Resp: 472611

Ion Ratio Lower Upper

105 100

120 30.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 4.553 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.047 min

Lab File: VN077479.D

Acq: 25 Apr 2023 19:09

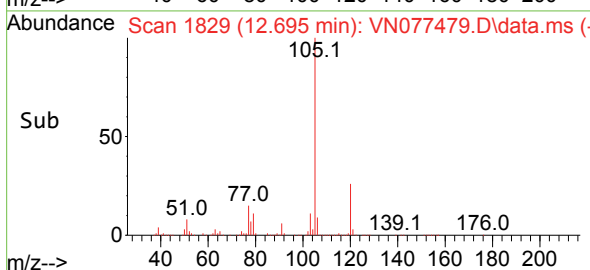
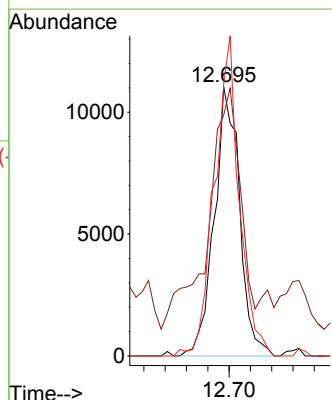
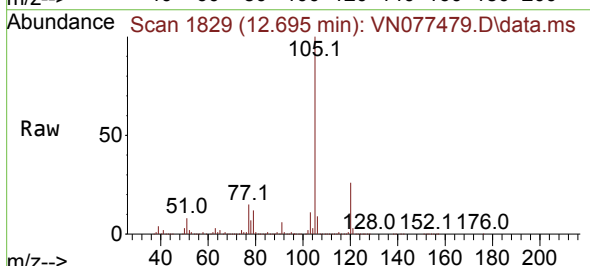
Tgt Ion: 75 Resp: 18160

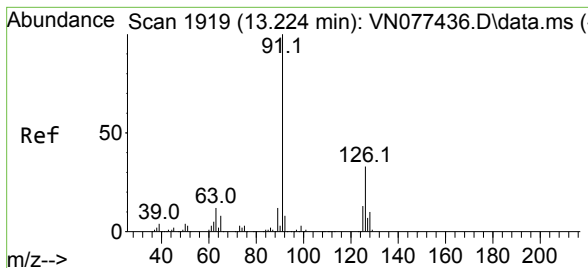
Ion Ratio Lower Upper

75 100

53 117.3 67.4 101.2#

89 116.5 38.8 58.2#

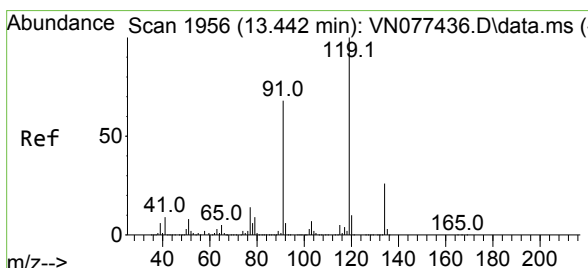
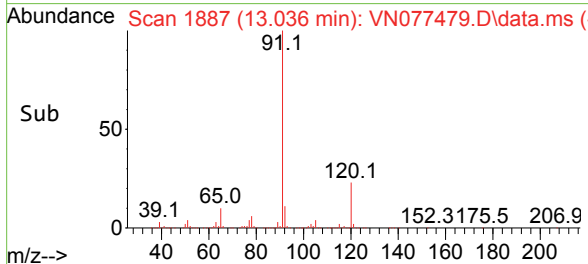
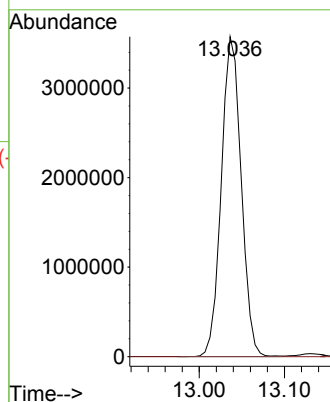
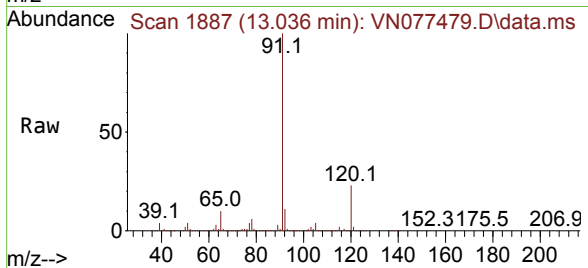




#82
4-Chlorotoluene
Concen: 202.093 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.188 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

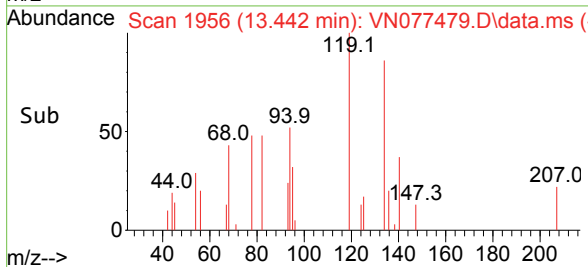
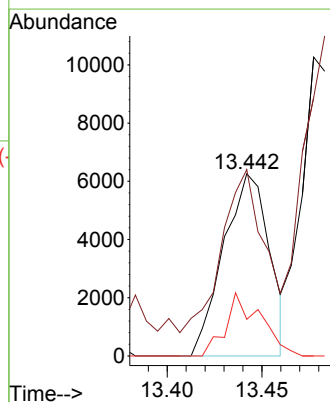
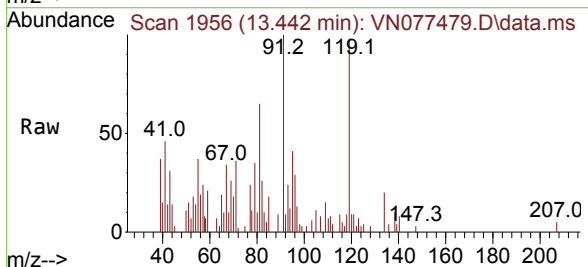
Instrument :
MSVOA_N
ClientSampleId :
MW-1

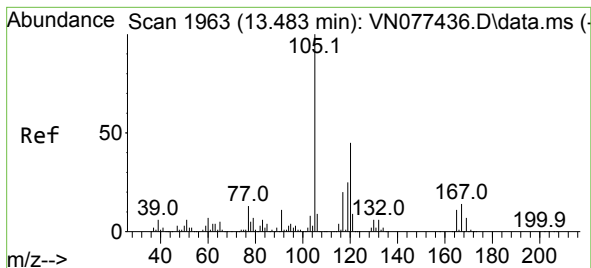
Tgt Ion: 91 Resp: 5788854
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#83
tert-Butylbenzene
Concen: 0.325 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077479.D
Acq: 25 Apr 2023 19:09

Tgt Ion: 119 Resp: 10543
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: 4.983 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN077479.D

Acq: 25 Apr 2023 19:09

Instrument :

MSVOA_N

ClientSampleId :

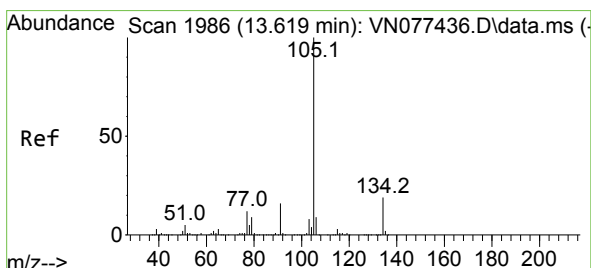
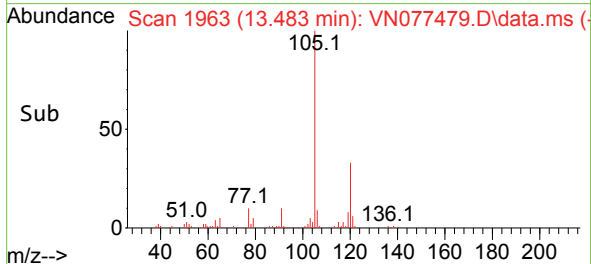
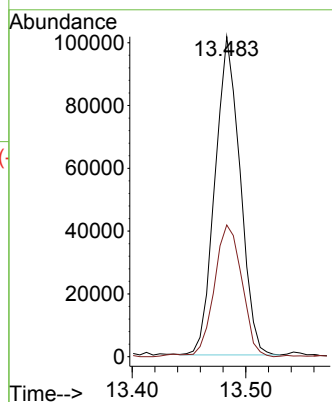
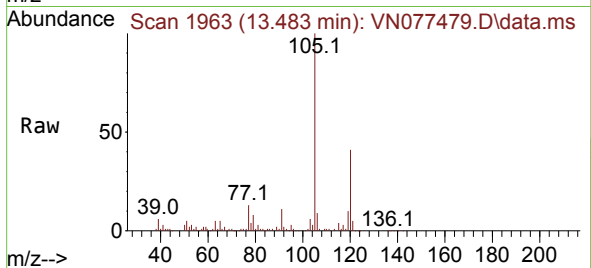
MW-1

Tgt Ion:105 Resp: 155389

Ion Ratio Lower Upper

105 100

120 45.4 22.0 66.0



#85

sec-Butylbenzene

Concen: 15.885 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN077479.D

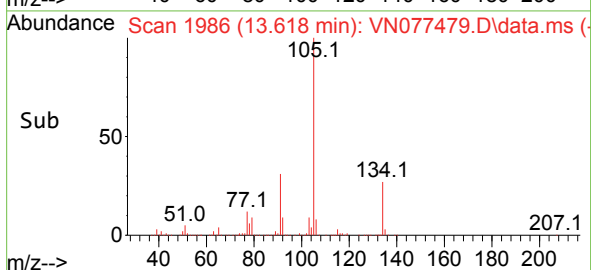
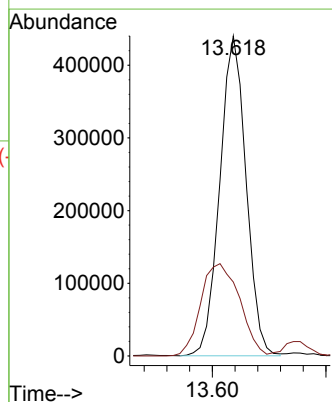
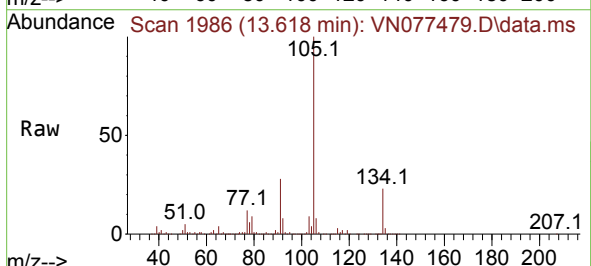
Acq: 25 Apr 2023 19:09

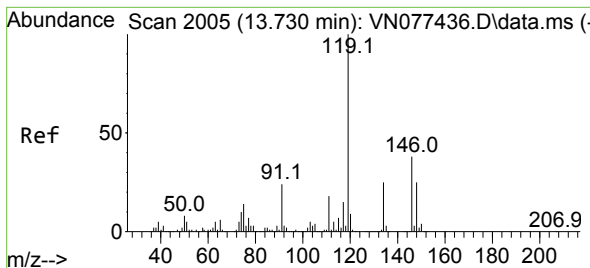
Tgt Ion:105 Resp: 707067

Ion Ratio Lower Upper

105 100

134 42.6 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 3.358 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VN077479.D

Acq: 25 Apr 2023 19:09

Instrument :

MSVOA_N

ClientSampleId :

MW-1

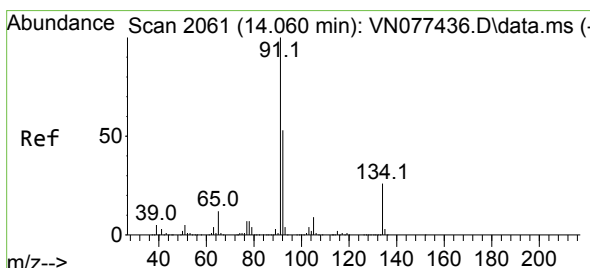
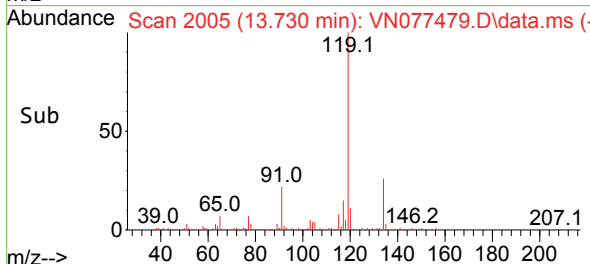
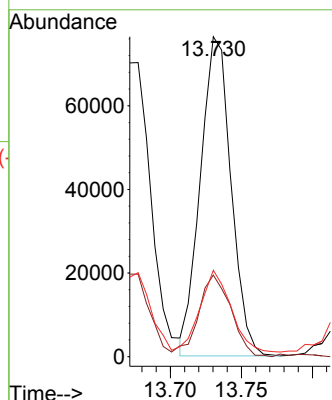
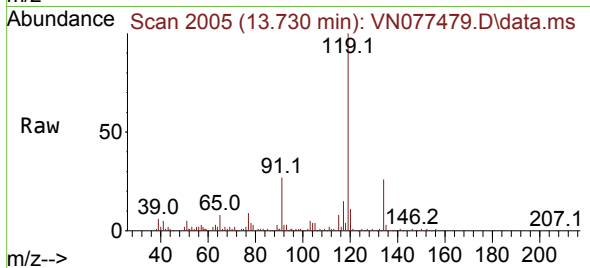
Tgt Ion:119 Resp: 114990

Ion Ratio Lower Upper

119 100

134 27.0 12.6 37.8

91 25.7 12.4 37.2



#89

n-Butylbenzene

Concen: 41.273 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077479.D

Acq: 25 Apr 2023 19:09

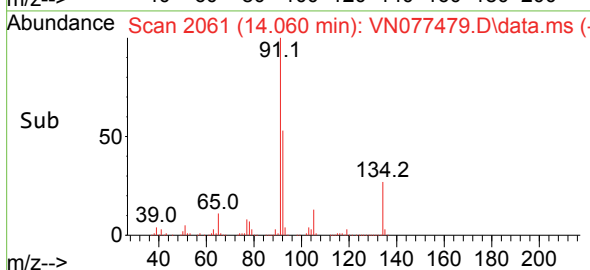
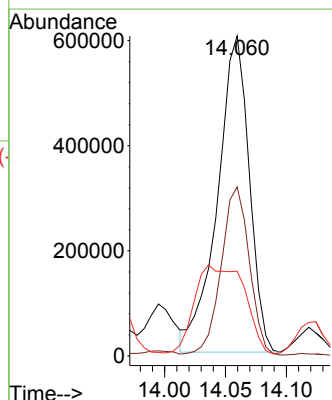
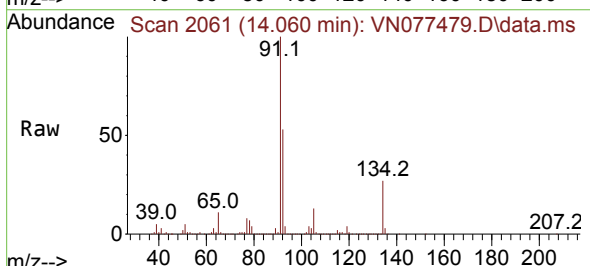
Tgt Ion: 91 Resp: 1093903

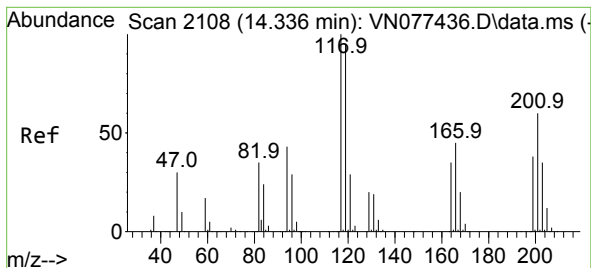
Ion Ratio Lower Upper

91 100

92 47.0 26.4 79.0

134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 52.865 ug/l

RT: 14.330 min Scan# 2108

Delta R.T. -0.006 min

Lab File: VN077479.D

Acq: 25 Apr 2023 19:09

Instrument :

MSVOA_N

ClientSampleId :

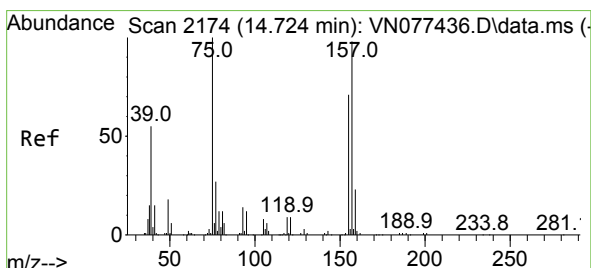
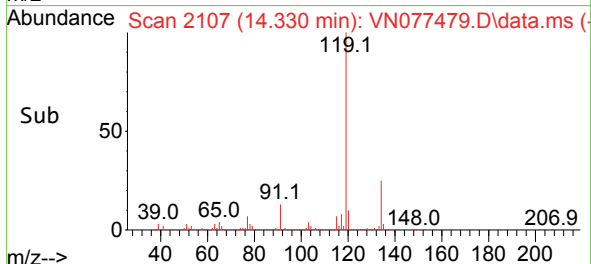
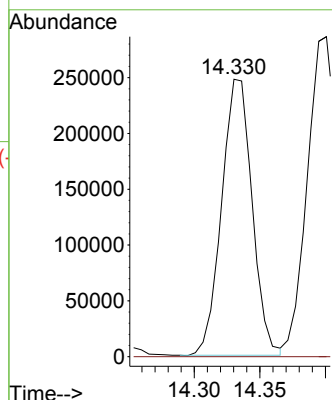
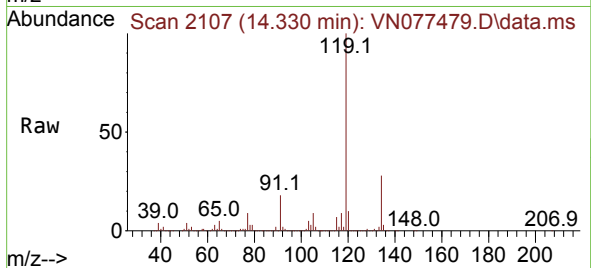
MW-1

Tgt Ion:117 Resp: 399986

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.406 ug/l

RT: 14.736 min Scan# 2176

Delta R.T. 0.012 min

Lab File: VN077479.D

Acq: 25 Apr 2023 19:09

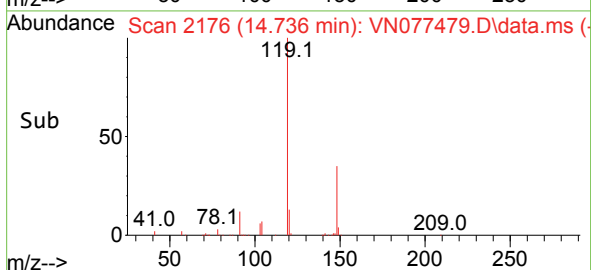
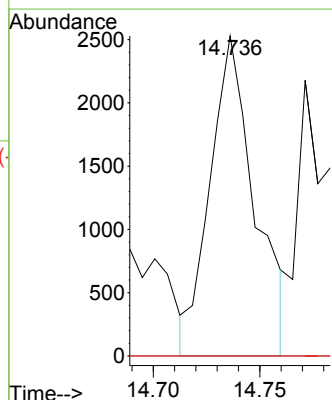
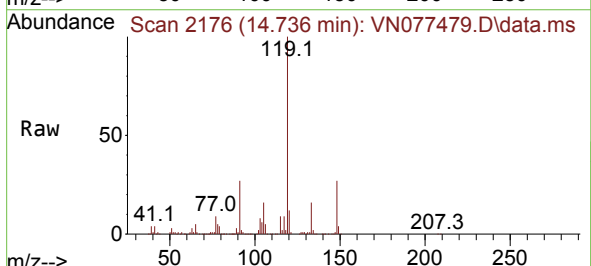
Tgt Ion: 75 Resp: 3674

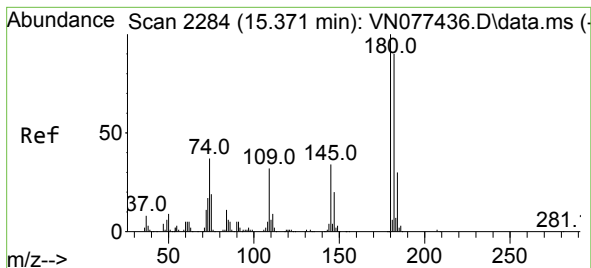
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 1.004 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077479.D

Acq: 25 Apr 2023 19:09

Instrument :

MSVOA_N

ClientSampleId :

MW-1

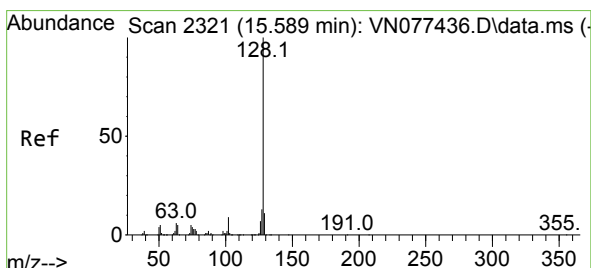
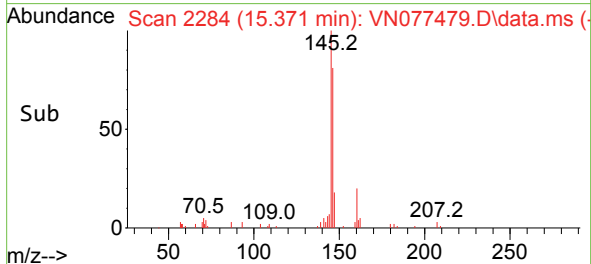
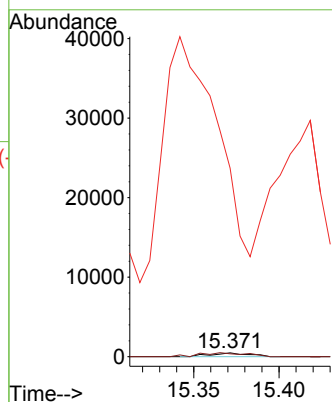
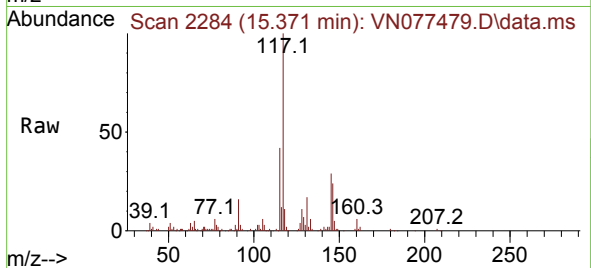
Tgt Ion:180 Resp: 727

Ion Ratio Lower Upper

180 100

182 130.8 46.1 138.2

145 0.0 16.6 49.8#



#95

Naphthalene

Concen: 45.592 ug/l

RT: 15.583 min Scan# 2320

Delta R.T. -0.006 min

Lab File: VN077479.D

Acq: 25 Apr 2023 19:09

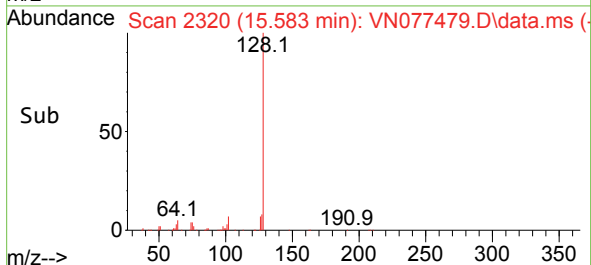
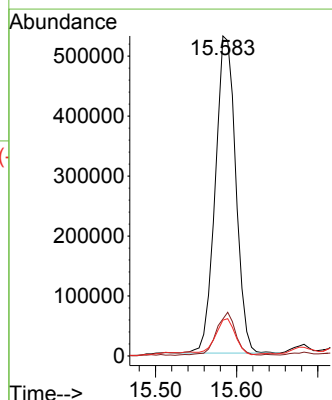
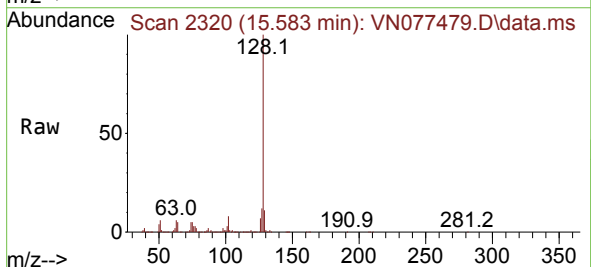
Tgt Ion:128 Resp: 925894

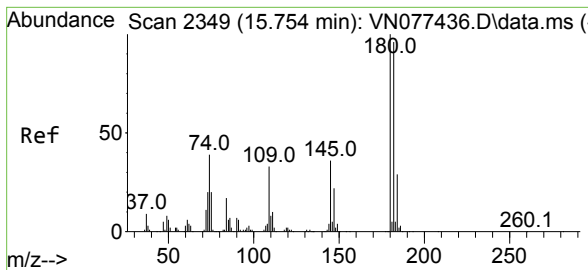
Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.734 ug/l
 RT: 15.748 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN077479.D
 Acq: 25 Apr 2023 19:09

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Tgt Ion	Ratio	Lower	Upper
180	100		
182	66.1	46.2	138.6
145	0.0	17.5	52.6#

