

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077463.D
 Acq On : 25 Apr 2023 11:19
 Operator : JC\MD
 Sample : 02460-03 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Apr 25 14:07:37 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	580585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1068696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	967028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	344542	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	373902	49.354	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.700%
35) Dibromofluoromethane	8.172	113	332810	51.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.620%
50) Toluene-d8	10.572	98	1310000	53.213	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.420%
62) 4-Bromofluorobenzene	12.854	95	401950	49.904	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.800%

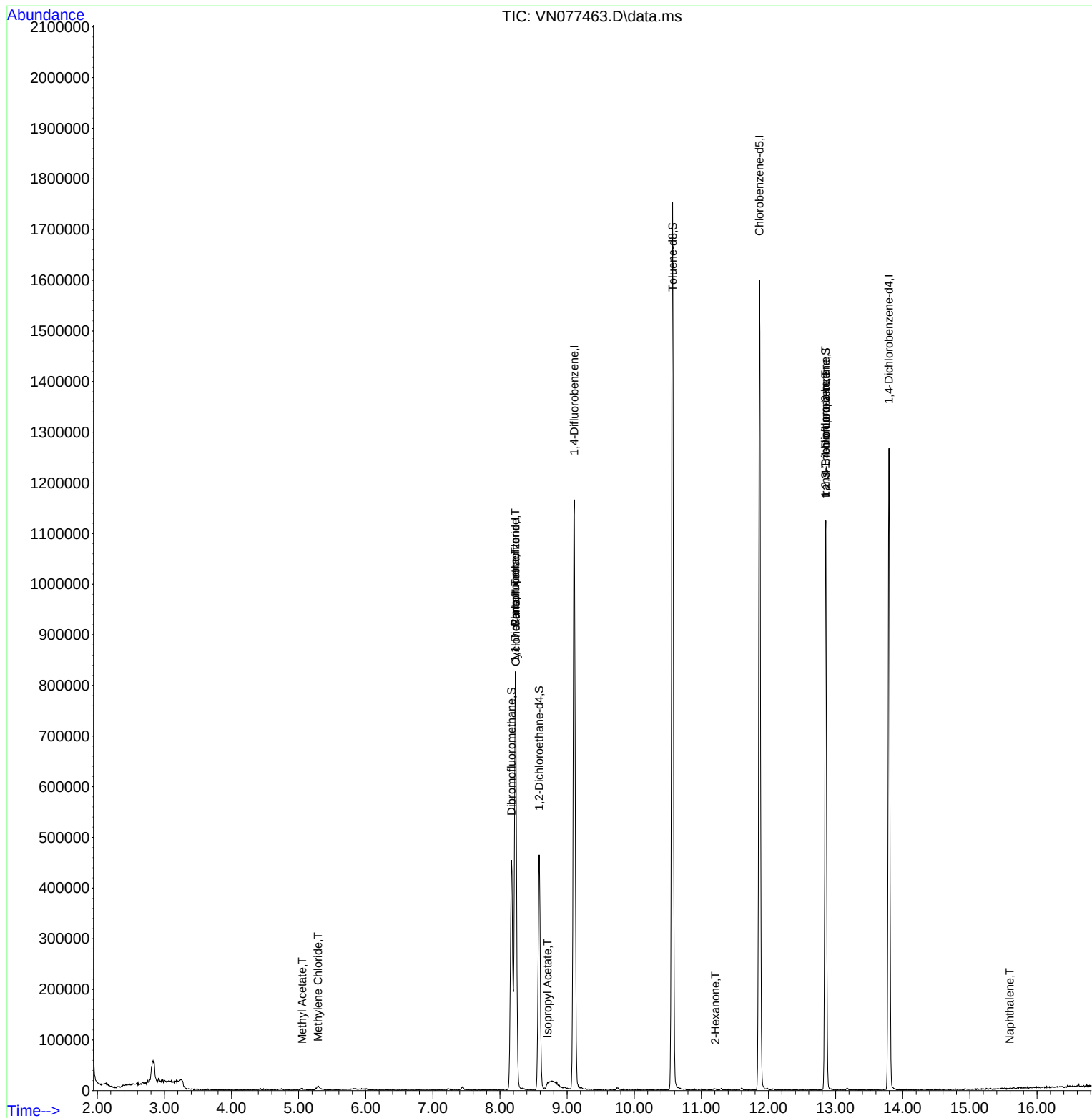
Target Compounds					Qvalue	
18) Methyl Acetate	5.054	43	5276	0.567	ug/l #	85
20) Methylene Chloride	5.290	84	5598	0.732	ug/l #	84
31) Cyclohexane	8.236	56	13670	1.274	ug/l #	42
36) 1,1-Dichloropropene	8.225	75	47865	5.158	ug/l #	51
38) Carbon Tetrachloride	8.231	117	65247	6.373	ug/l #	15
43) Isopropyl Acetate	8.707	43	7941	0.651	ug/l #	49
59) 2-Hexanone	11.207	43	1121	0.216	ug/l #	30
76) 1,2,3-Trichloropropane	12.848	75	217277	27.119	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	217277	76.616	ug/l #	15
95) Naphthalene	15.595	128	463	1.191	ug/l #	70

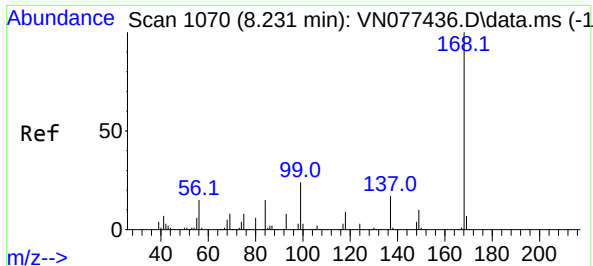
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

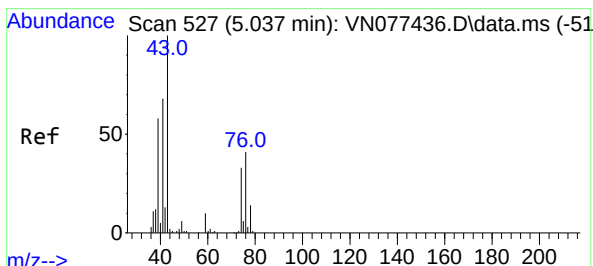
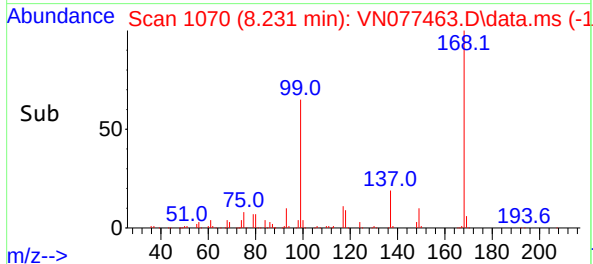
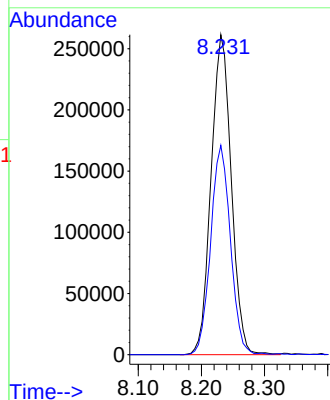
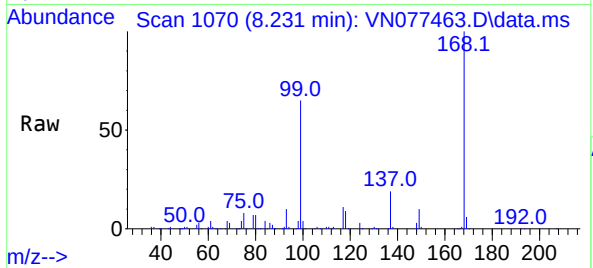




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

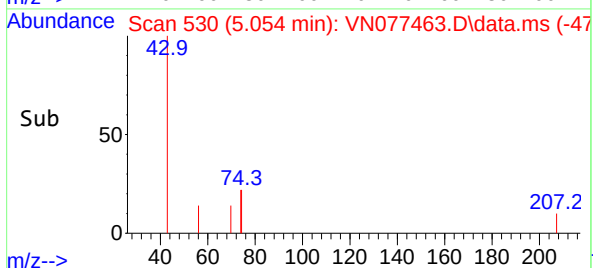
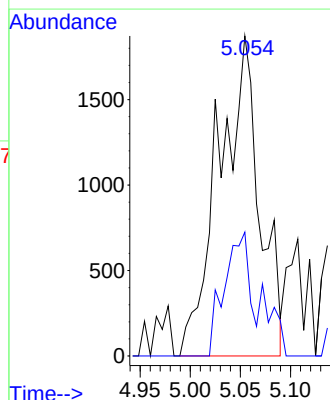
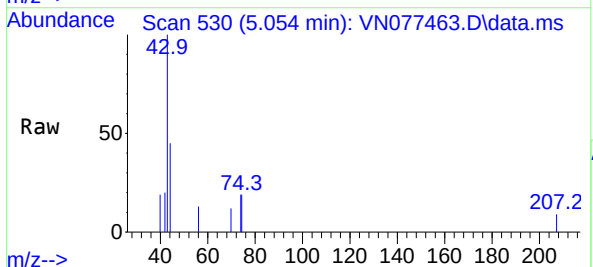
Instrument :
MSVOA_N
ClientSampleId :
MW-2

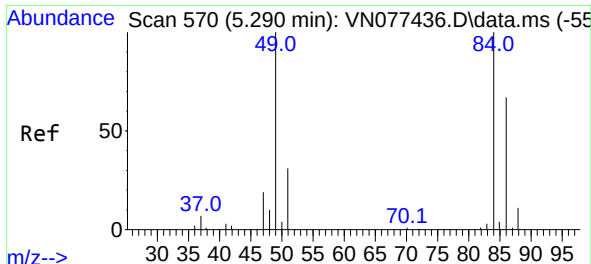
Tgt Ion:168 Resp: 580585
Ion Ratio Lower Upper
168 100
99 65.4 53.0 79.6



#18
Methyl Acetate
Concen: 0.567 ug/l
RT: 5.054 min Scan# 530
Delta R.T. 0.018 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

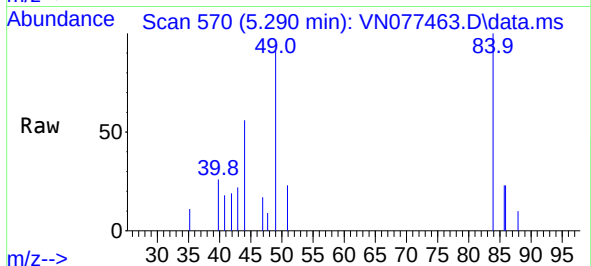
Tgt Ion: 43 Resp: 5276
Ion Ratio Lower Upper
43 100
74 24.3 26.2 39.4#





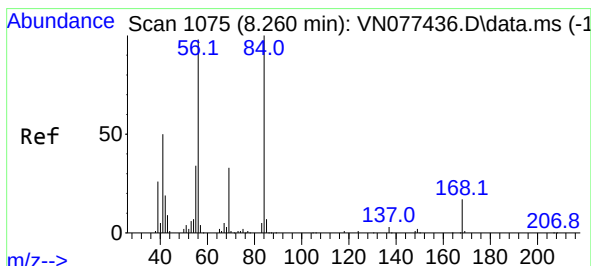
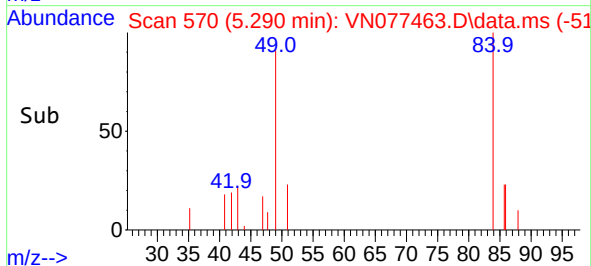
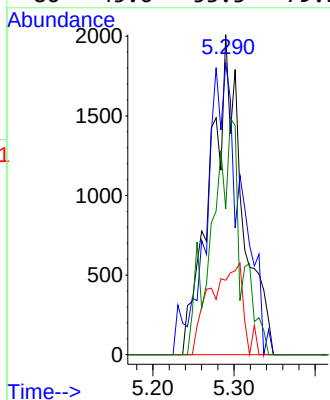
#20
Methylene Chloride
Concen: 0.732 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion: 84 Resp: 5598

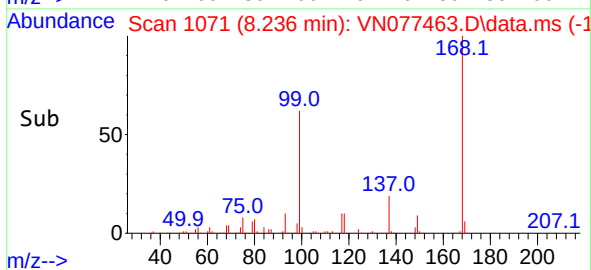
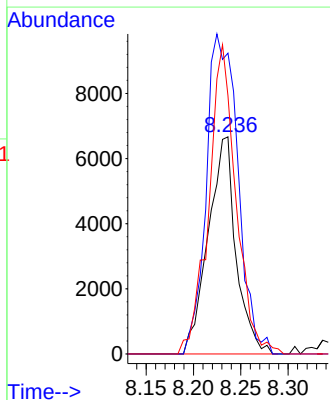
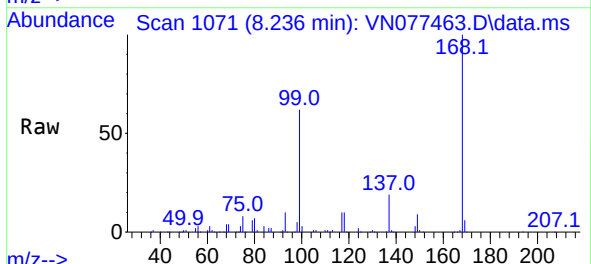
Ion	Ratio	Lower	Upper
84	100		
49	91.1	79.7	119.5
51	23.3	25.2	37.8#
86	45.6	53.3	79.9#

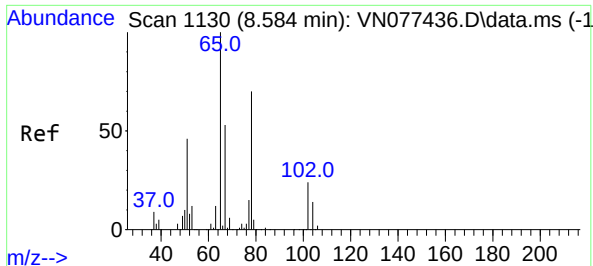


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.024 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

Tgt Ion: 56 Resp: 13670

Ion	Ratio	Lower	Upper
56	100		
69	138.5	26.8	40.2#
84	118.9	81.8	122.6

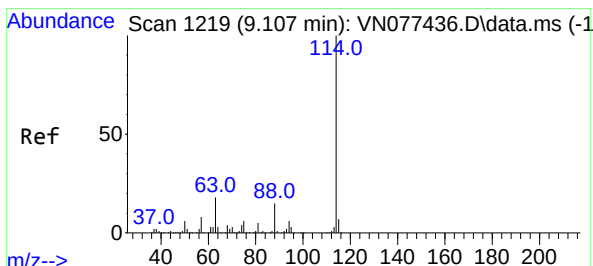
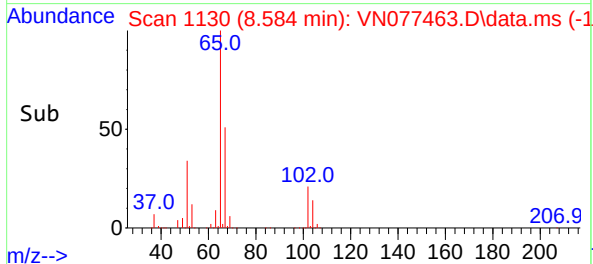
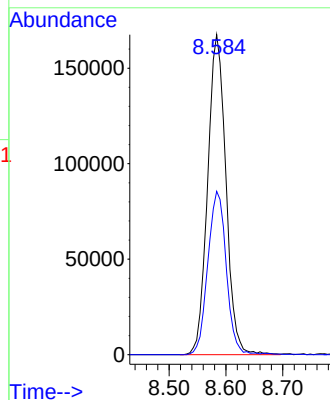
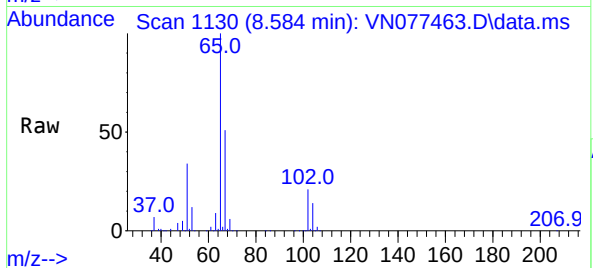




#33
1,2-Dichloroethane-d4
Concen: 49.354 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

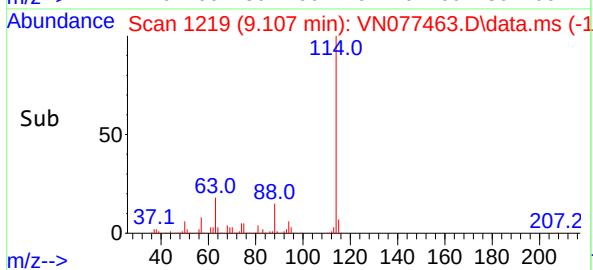
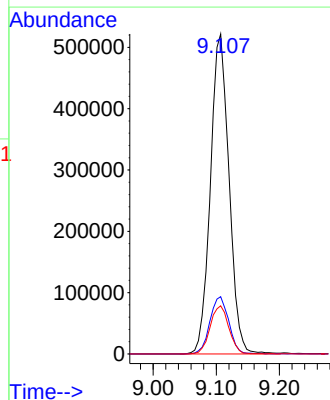
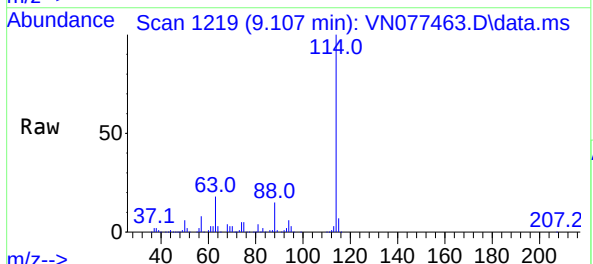
Instrument :
MSVOA_N
ClientSampleId :
MW-2

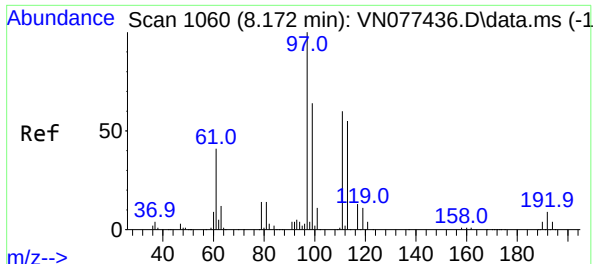
Tgt Ion: 65 Resp: 373902
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

Tgt Ion:114 Resp: 1068696
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.4
88 15.0 0.0 30.6

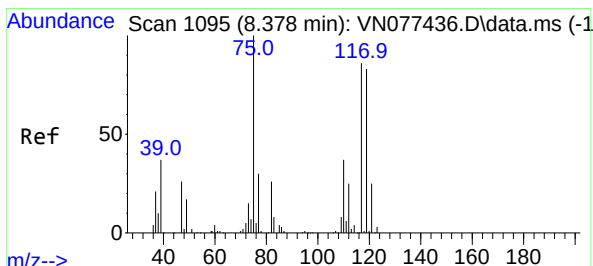
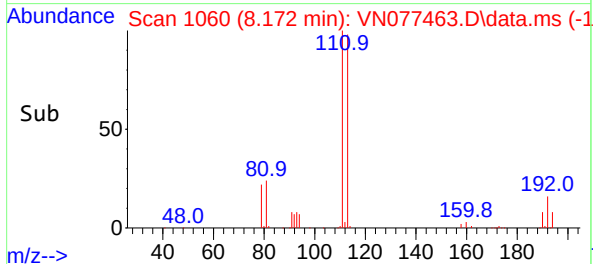
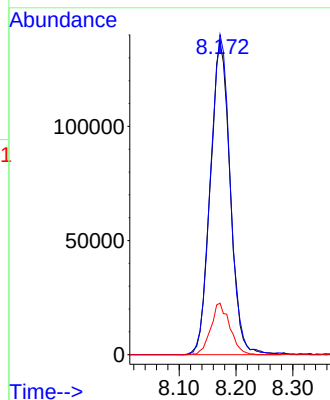
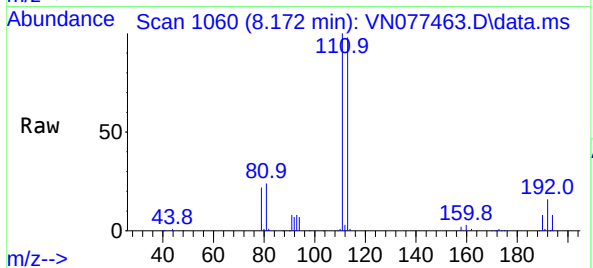




#35
Dibromofluoromethane
Concen: 51.813 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

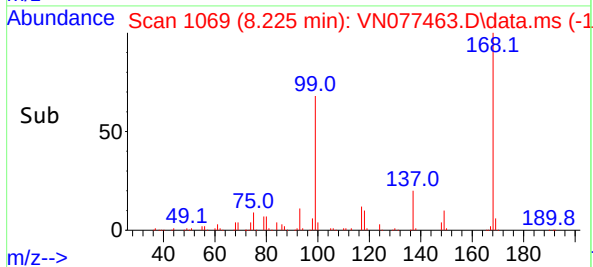
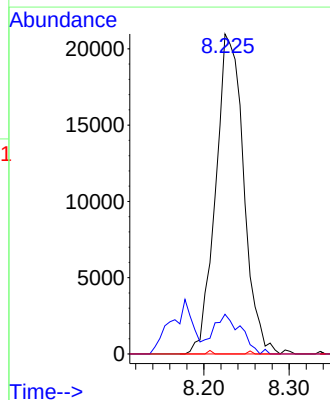
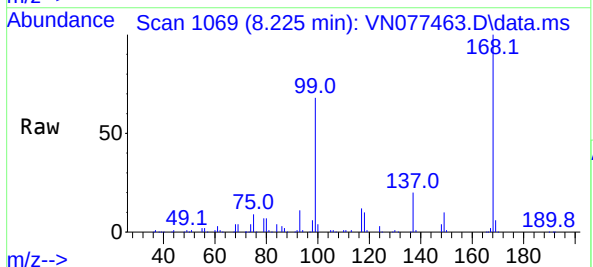
Instrument :
MSVOA_N
ClientSampleId :
MW-2

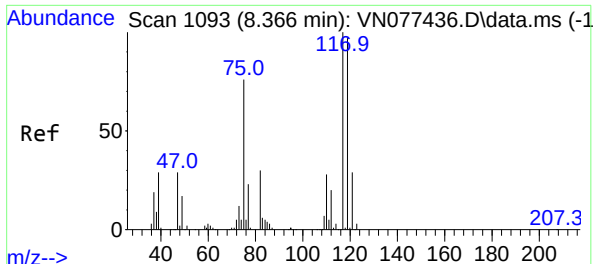
Tgt Ion:113 Resp: 332810
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 15.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.158 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.153 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

Tgt Ion: 75 Resp: 47865
Ion Ratio Lower Upper
75 100
110 11.9 19.1 57.3#
77 0.2 25.0 37.4#

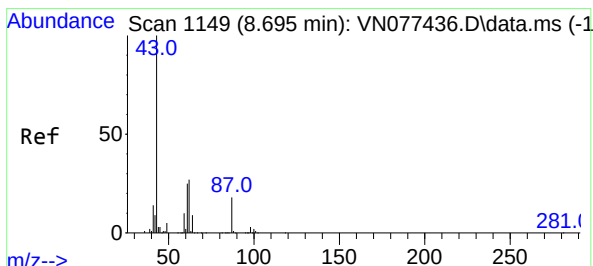
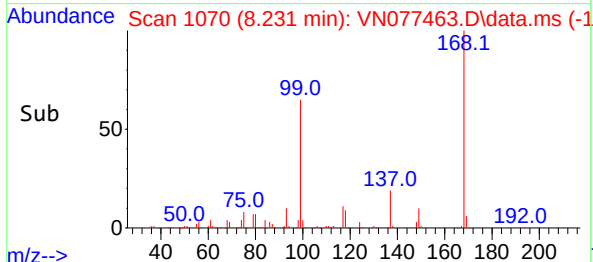
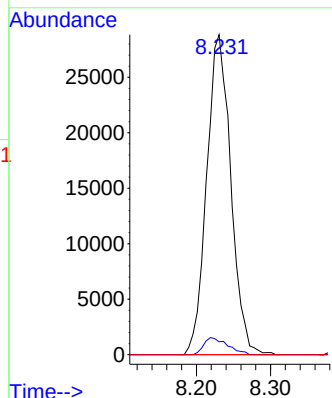
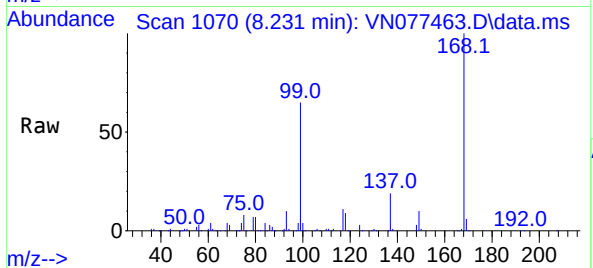




#38
Carbon Tetrachloride
Concen: 6.373 ug/l
RT: 8.231 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

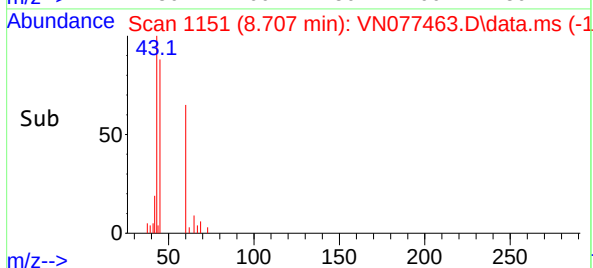
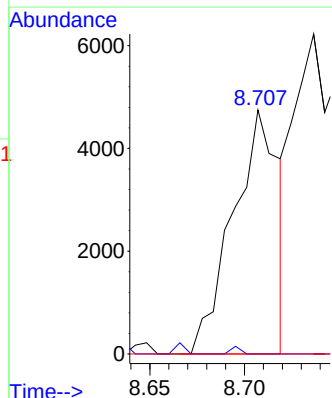
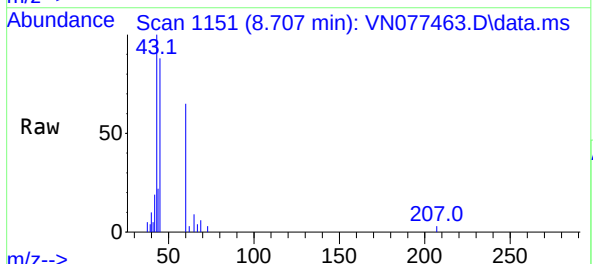
Instrument :
MSVOA_N
ClientSampleId :
MW-2

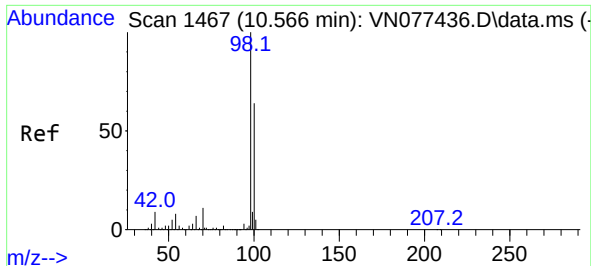
Tgt Ion:117 Resp: 65247
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.651 ug/l
RT: 8.707 min Scan# 1151
Delta R.T. 0.012 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

Tgt Ion: 43 Resp: 7941
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

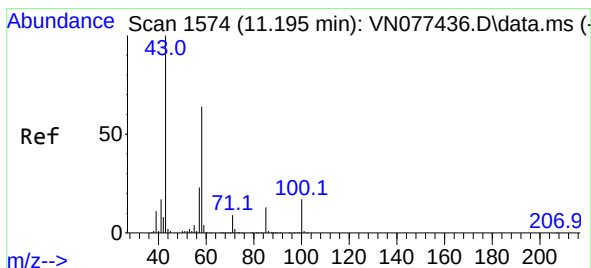
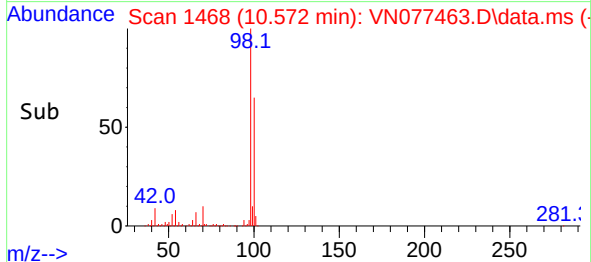
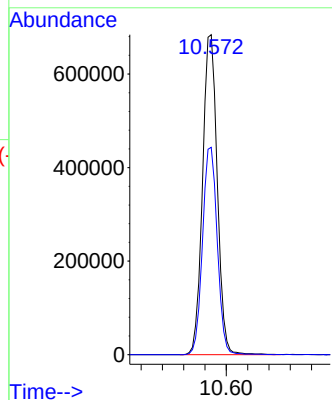
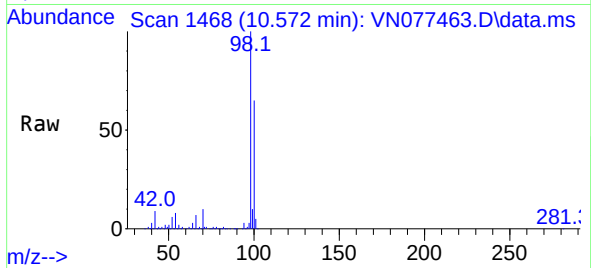




#50
Toluene-d8
Concen: 53.213 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

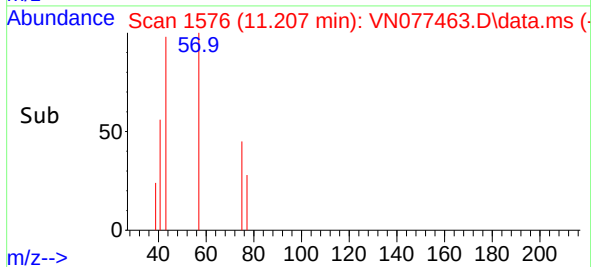
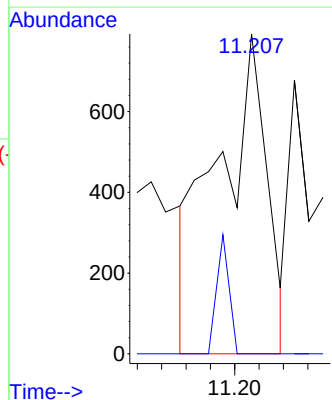
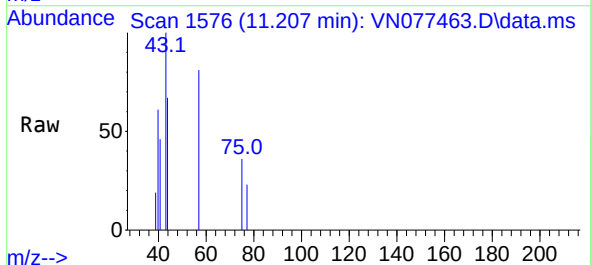
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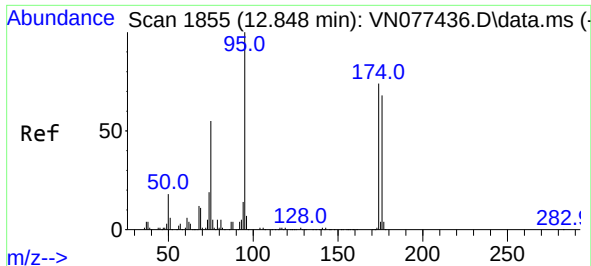
Tgt Ion: 98 Resp: 1310000
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#59
2-Hexanone
Concen: 0.216 ug/l
RT: 11.207 min Scan# 1576
Delta R.T. 0.012 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 9.3 31.7 95.1#



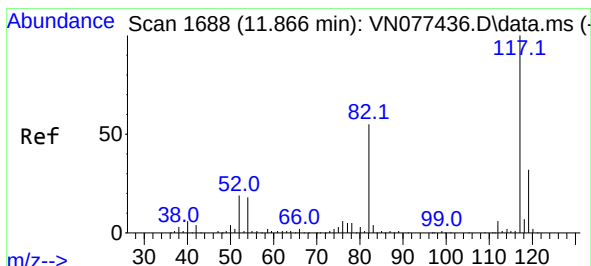
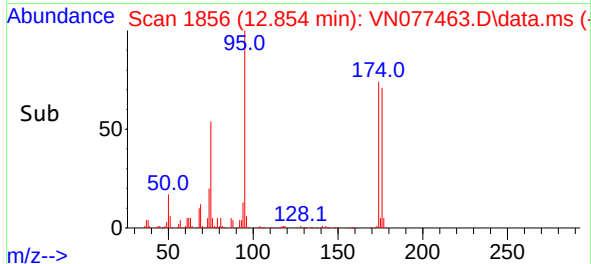
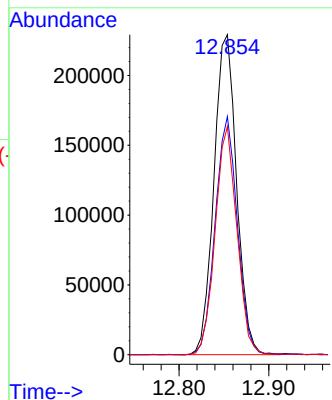
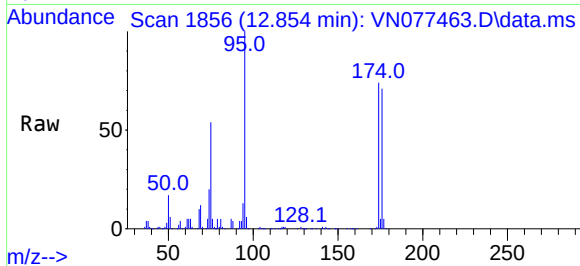


#62
4-Bromofluorobenzene
Concen: 49.904 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 95 Resp: 401950

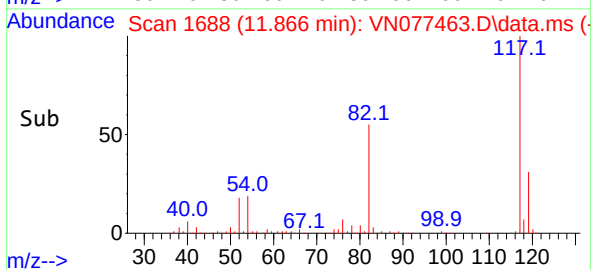
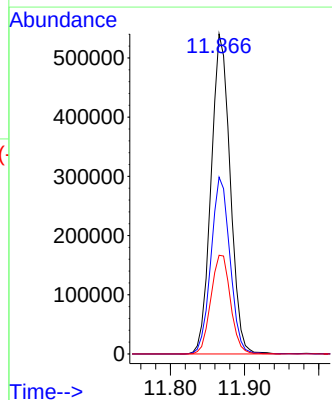
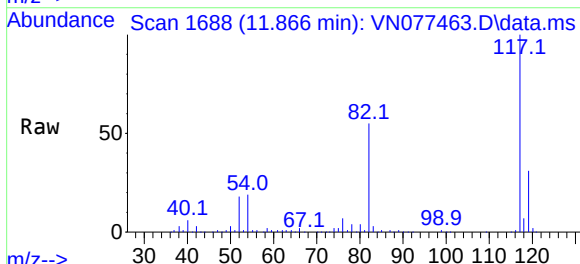
Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	143.8
176	68.4	0.0	135.8

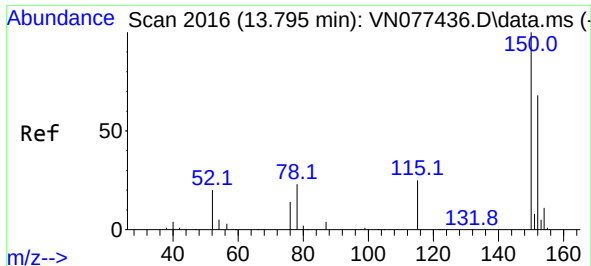


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

Tgt Ion: 117 Resp: 967028

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.0	66.0
119	30.9	25.6	38.4

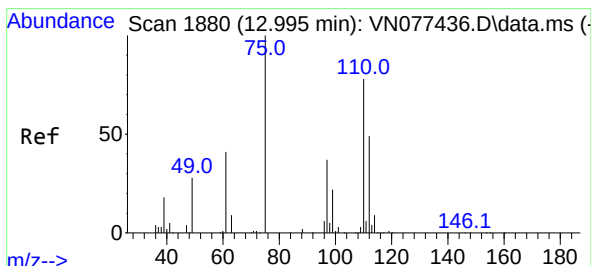
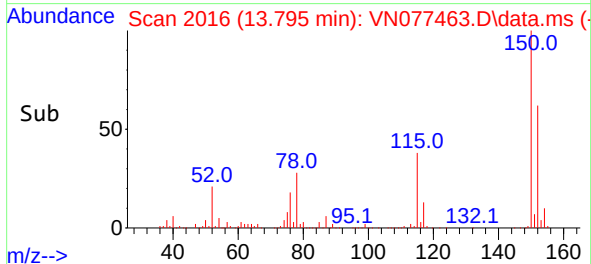
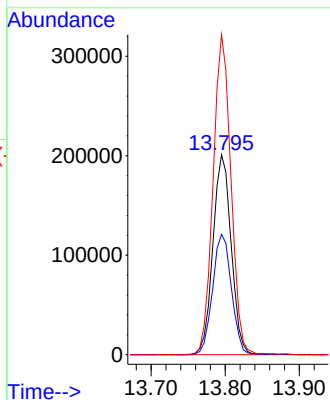
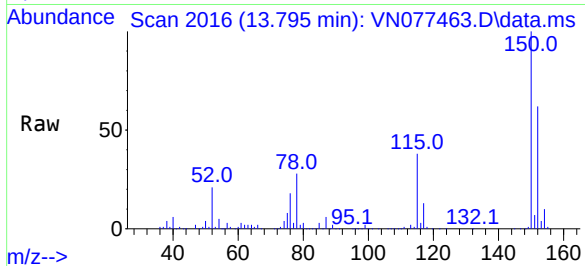




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

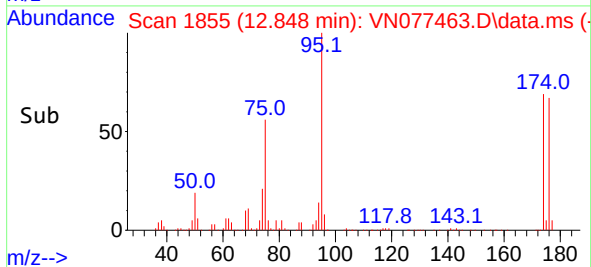
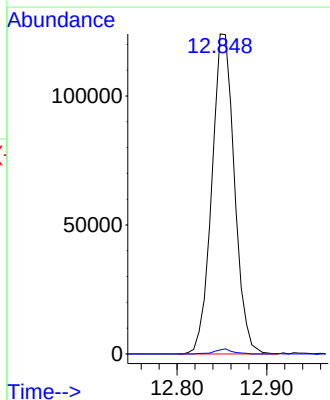
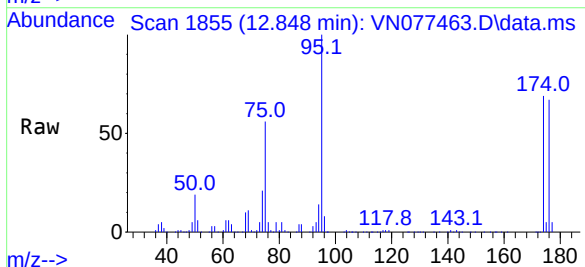
Instrument :
MSVOA_N
ClientSampleId :
MW-2

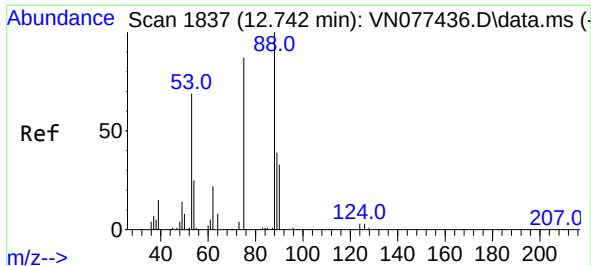
Tgt Ion:152 Resp: 344542
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 156.6 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 27.119 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

Tgt Ion: 75 Resp: 217277
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#

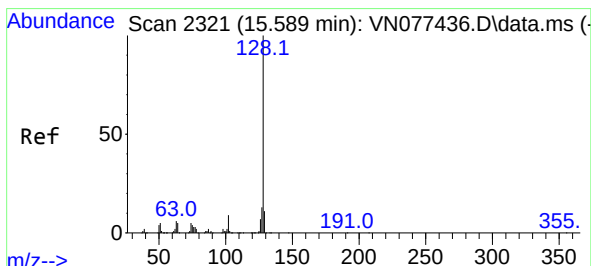
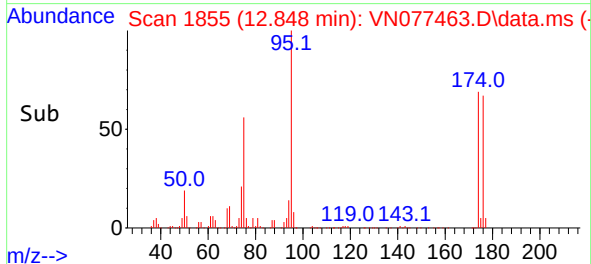
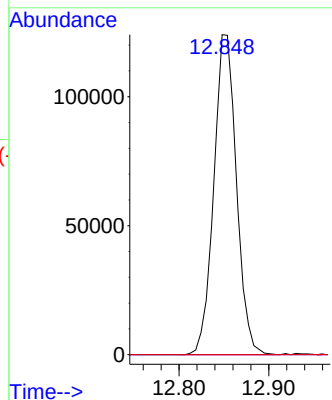
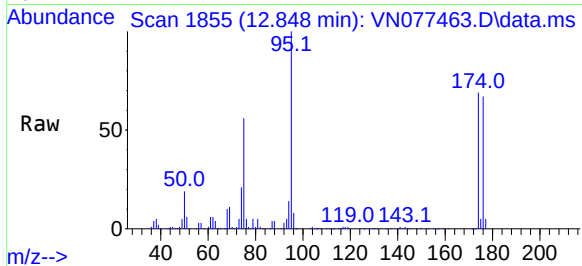




#81
trans-1,4-Dichloro-2-butene
Concen: 76.616 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.106 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 217277
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 1.191 ug/l
RT: 15.595 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN077463.D
Acq: 25 Apr 2023 11:19

Tgt Ion: 128 Resp: 463
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.7 13.1#

