

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050423\
 Data File : VN077577.D
 Acq On : 04 May 2023 10:51
 Operator : JC\MD
 Sample : VN0504BL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBL01

Quant Time: May 05 04:09:33 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)

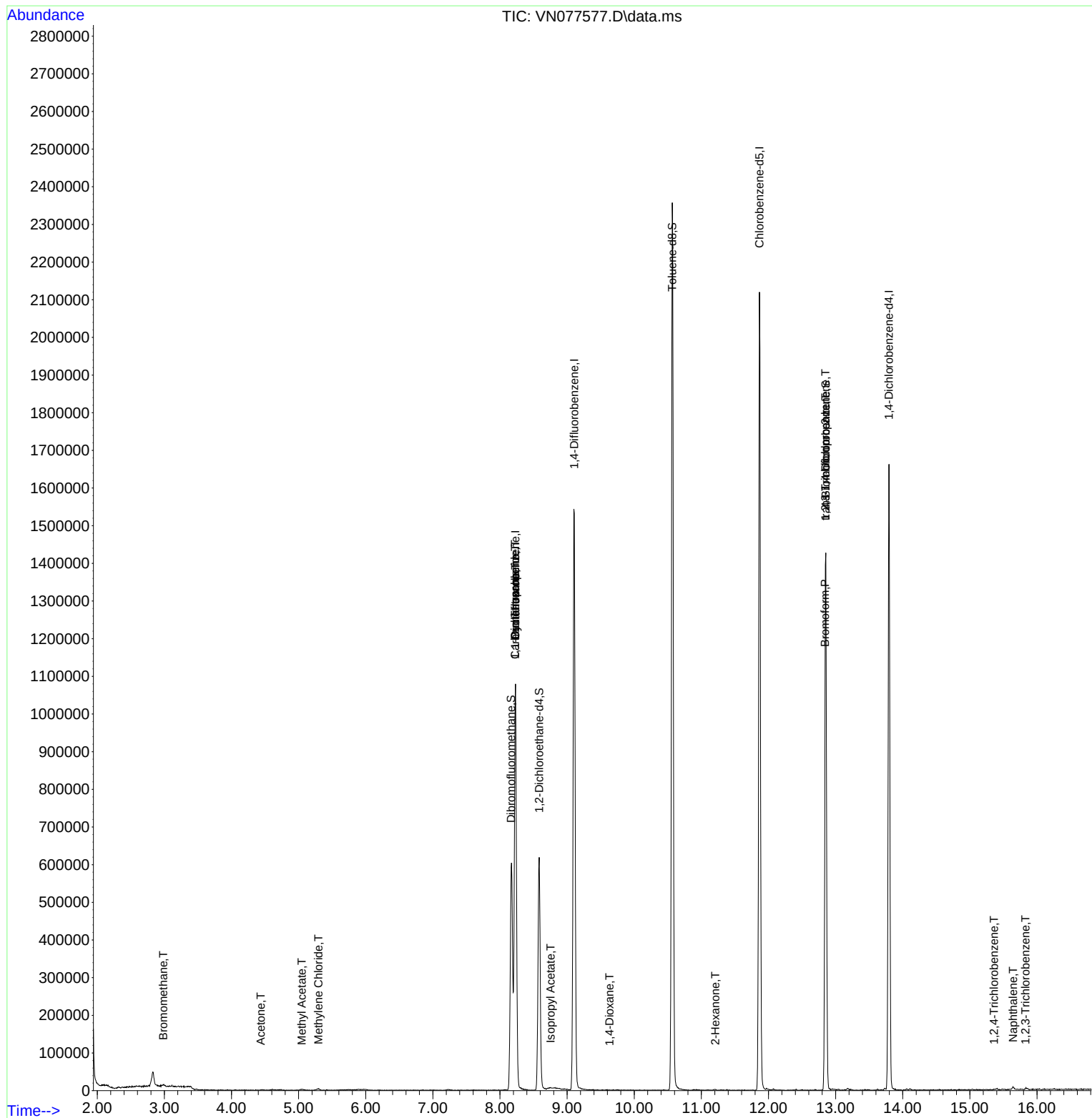
Internal Standards						
1) Pentafluorobenzene	8.231	168	758011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1432246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1306327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	449058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	514289	51.995	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.980%			
35) Dibromofluoromethane	8.166	113	446266	51.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.680%			
50) Toluene-d8	10.566	98	1791347	54.296	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.600%			
62) 4-Bromofluorobenzene	12.854	95	542255	50.235	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.480%			
Target Compounds						Qvalue
5) Bromomethane	2.984	94	2660	0.303	ug/l	94
16) Acetone	4.437	43	1586	0.504	ug/l #	40
18) Methyl Acetate	5.048	43	4308	0.355	ug/l	93
20) Methylene Chloride	5.296	84	2196	0.220	ug/l #	65
31) Cyclohexane	8.231	56	17469	1.247	ug/l #	40
36) 1,1-Dichloropropene	8.225	75	64419	5.180	ug/l #	42
38) Carbon Tetrachloride	8.225	117	85419	6.225	ug/l #	16
43) Isopropyl Acetate	8.754	43	6488	0.397	ug/l #	49
49) 1,4-Dioxane	9.631	88	61	0.327	ug/l #	1
59) 2-Hexanone	11.207	43	2070	0.297	ug/l	69
71) Bromoform	12.842	173	1979	0.301	ug/l #	28
76) 1,2,3-Trichloropropane	12.848	75	287189	27.502	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	287189	77.699	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.360	180	138	0.840	ug/l #	14
95) Naphthalene	15.642	128	7879	1.792	ug/l	95
96) 1,2,3-Trichlorobenzene	15.830	180	1229	0.886	ug/l #	26

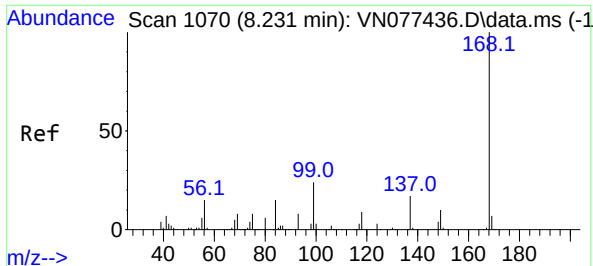
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050423\
Data File : VN077577.D
Acq On : 04 May 2023 10:51
Operator : JC\MD
Sample : VN0504BL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

Quant Time: May 05 04:09:33 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

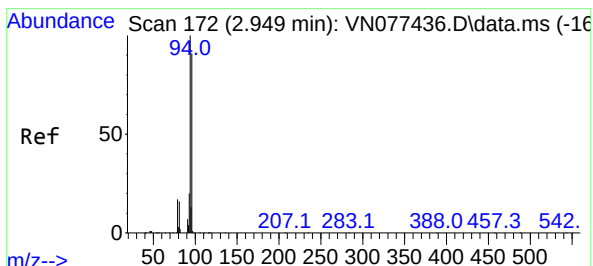
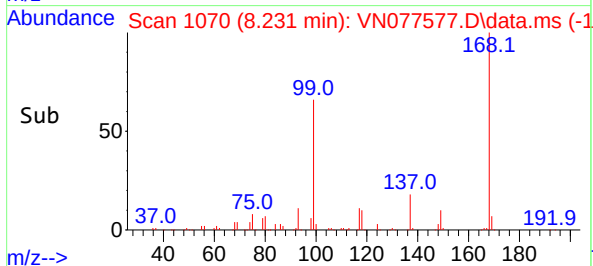
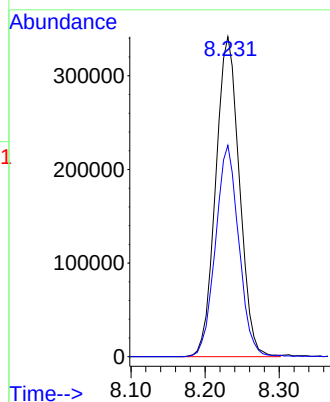
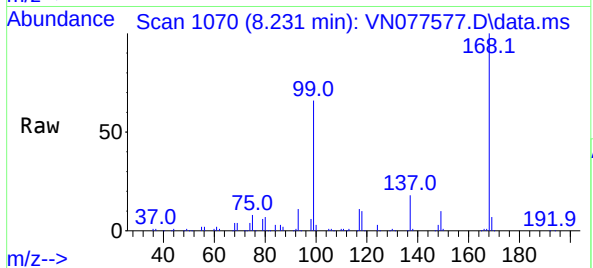




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

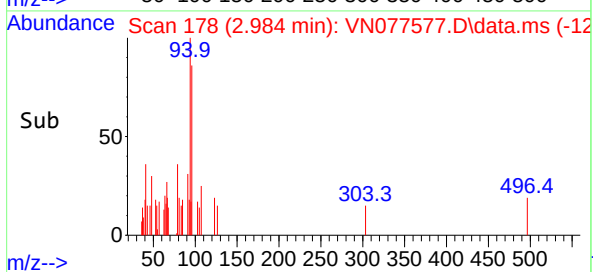
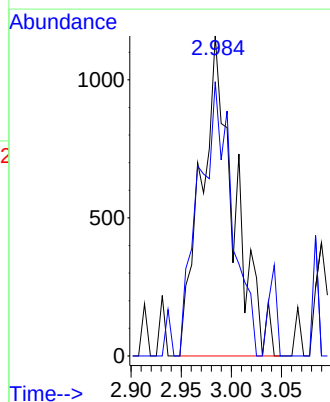
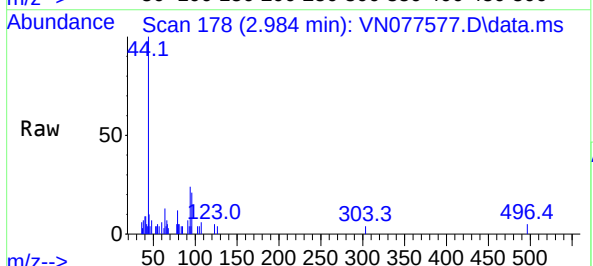
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

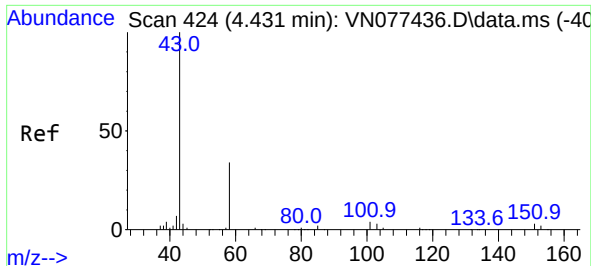
Tgt Ion:168 Resp: 758011
Ion Ratio Lower Upper
168 100
99 66.0 53.0 79.6



#5
Bromomethane
Concen: 0.303 ug/l
RT: 2.984 min Scan# 178
Delta R.T. 0.035 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Tgt Ion: 94 Resp: 2660
Ion Ratio Lower Upper
94 100
96 85.7 73.1 109.7

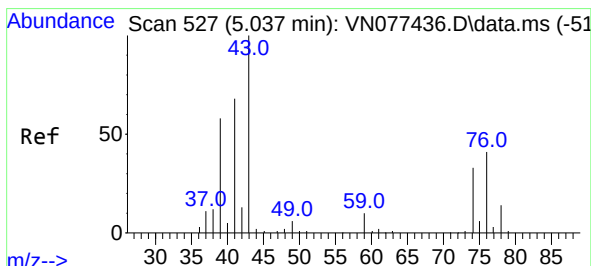
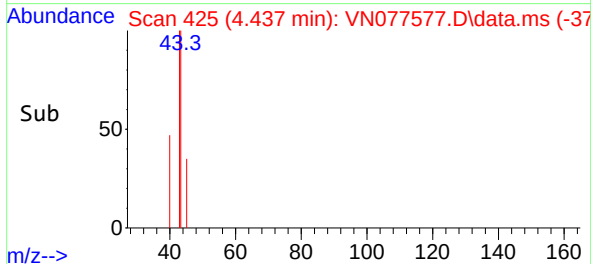
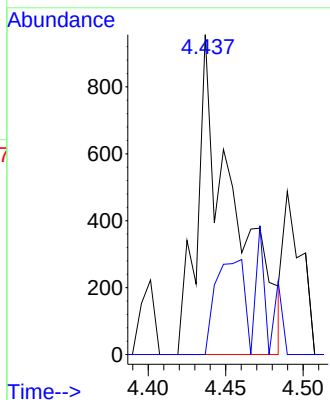
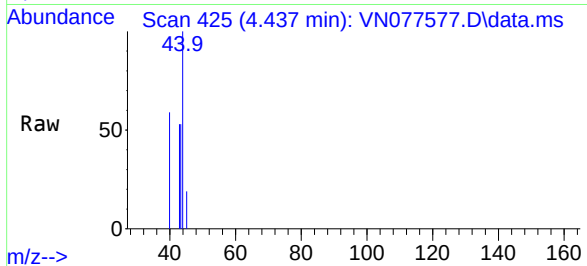




#16
Acetone
Concen: 0.504 ug/l
RT: 4.437 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

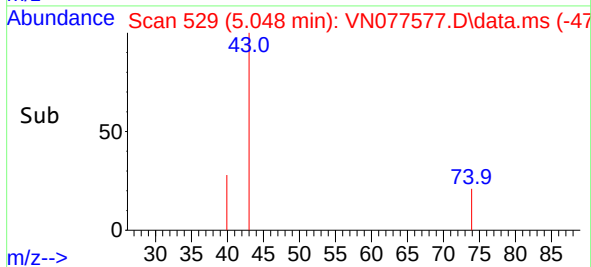
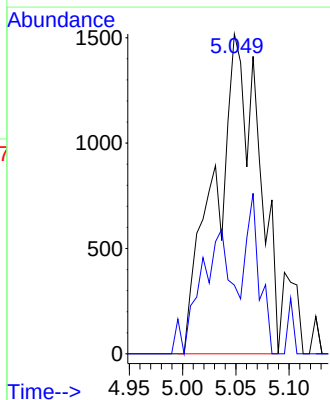
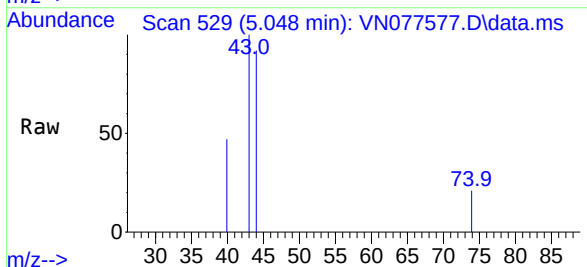
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

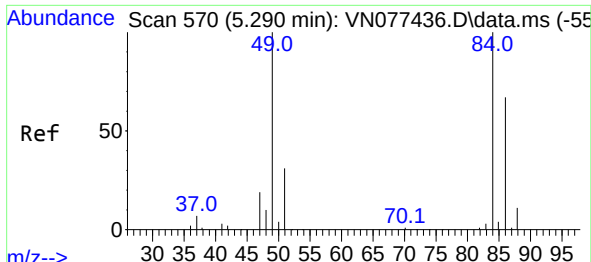
Tgt Ion: 43 Resp: 1586
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#18
Methyl Acetate
Concen: 0.355 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

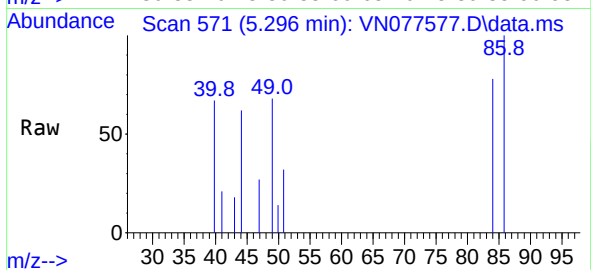
Tgt Ion: 43 Resp: 4308
Ion Ratio Lower Upper
43 100
74 28.8 26.2 39.4





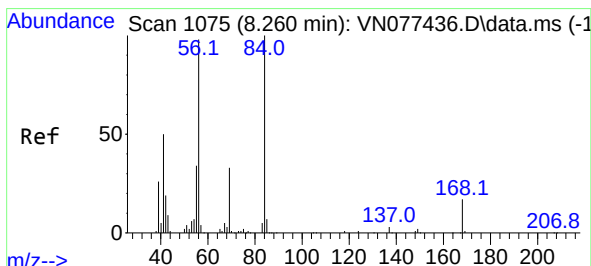
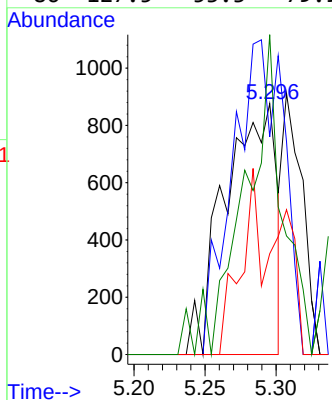
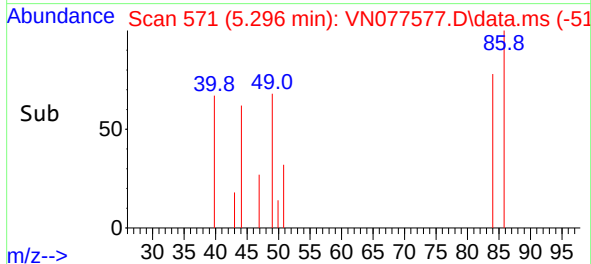
#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 5.296 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

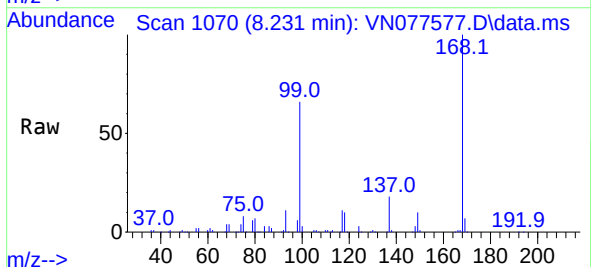


Tgt Ion: 84 Resp: 2196

Ion	Ratio	Lower	Upper
84	100		
49	86.8	79.7	119.5
51	40.2	25.2	37.8#
86	127.5	53.3	79.9#

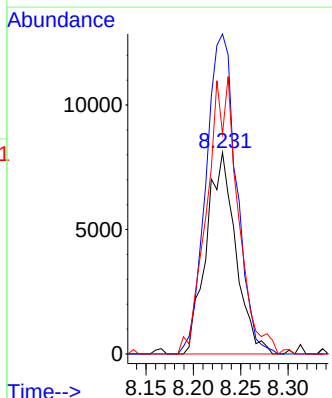
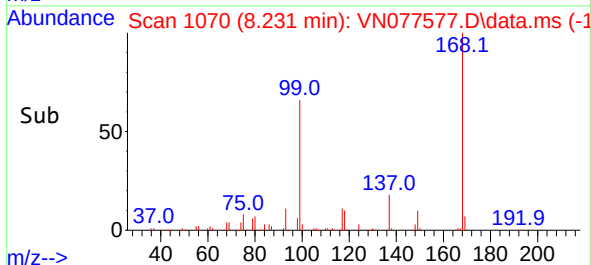


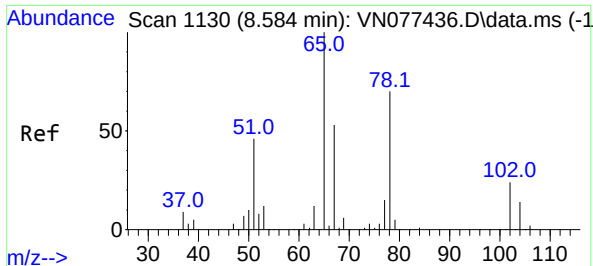
#31
Cyclohexane
Concen: 1.247 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.029 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51



Tgt Ion: 56 Resp: 17469

Ion	Ratio	Lower	Upper
56	100		
69	158.8	26.8	40.2#
84	109.2	81.8	122.6

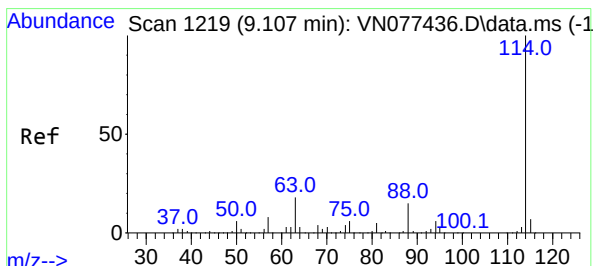
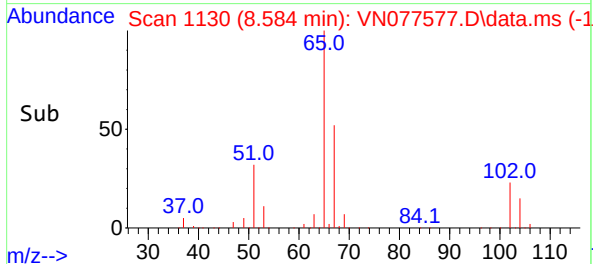
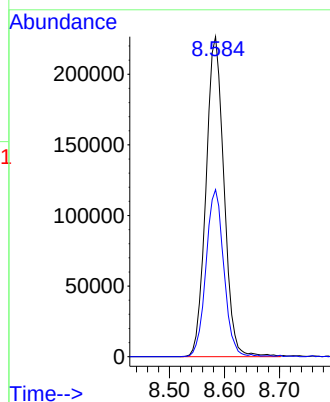
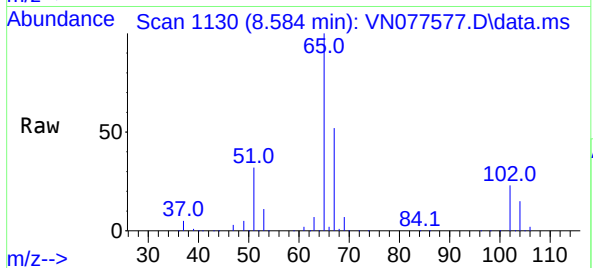




#33
1,2-Dichloroethane-d4
Concen: 51.995 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

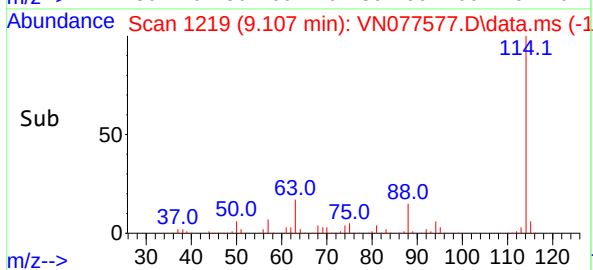
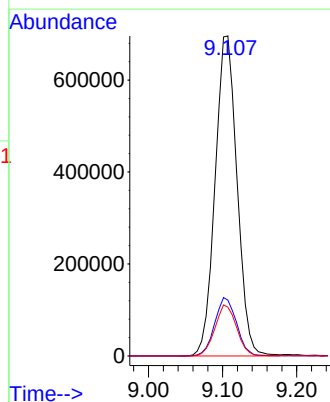
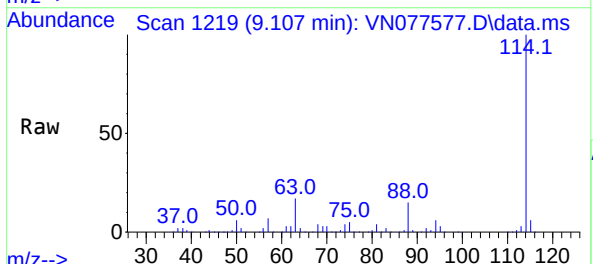
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

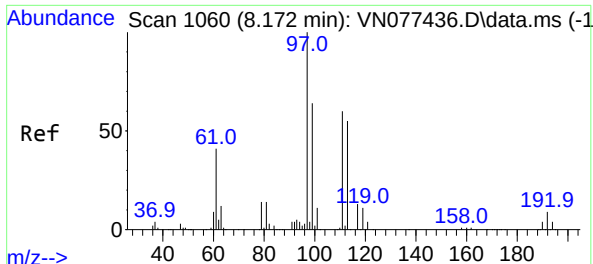
Tgt Ion: 65 Resp: 514289
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

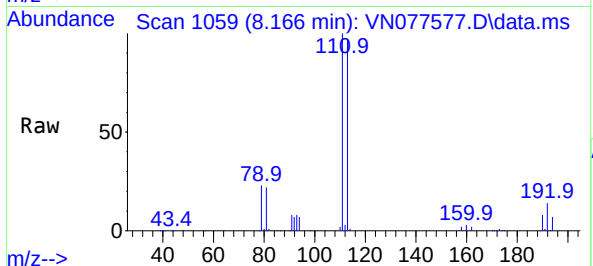
Tgt Ion: 114 Resp: 1432246
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.4
88 15.3 0.0 30.6



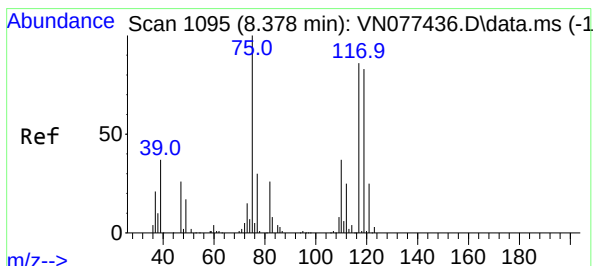
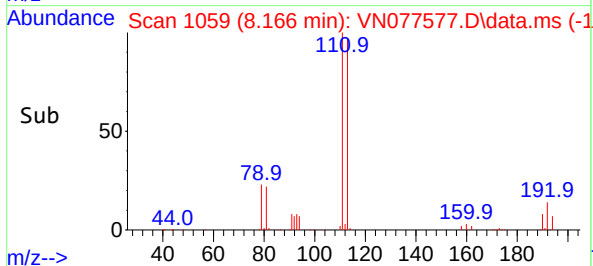
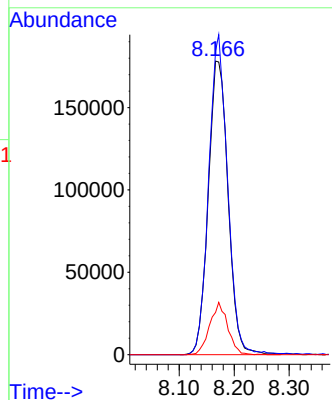


#35
Dibromofluoromethane
Concen: 51.841 ug/l
RT: 8.166 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

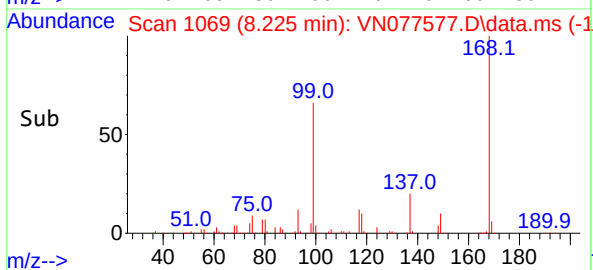
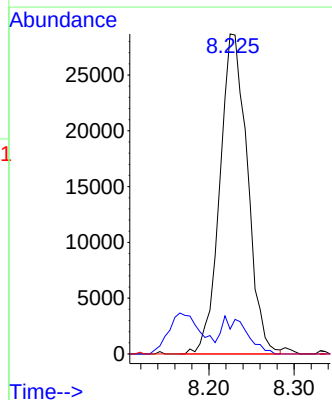
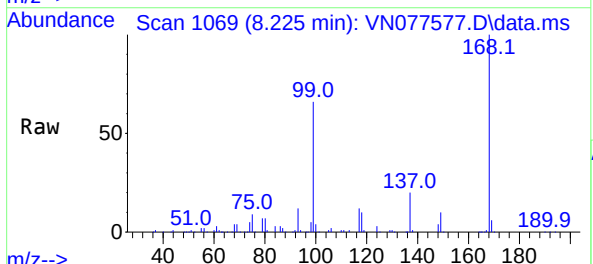


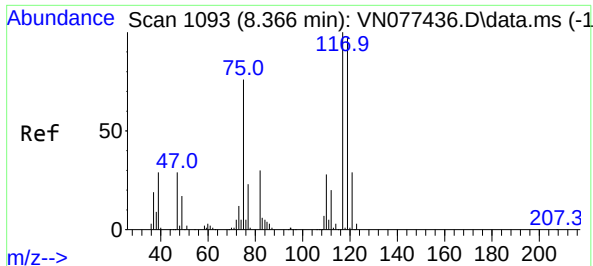
Tgt Ion:113 Resp: 446266
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 16.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.180 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.153 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Tgt Ion: 75 Resp: 64419
Ion Ratio Lower Upper
75 100
110 2.4 19.1 57.3#
77 0.0 25.0 37.4#

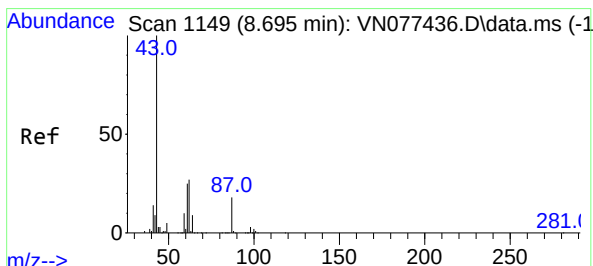
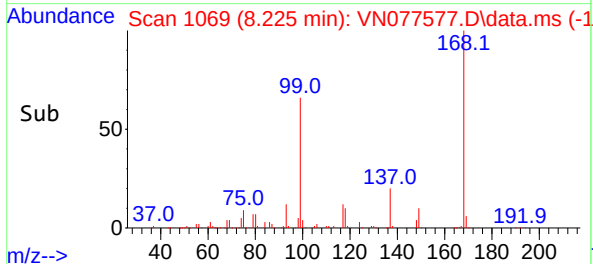
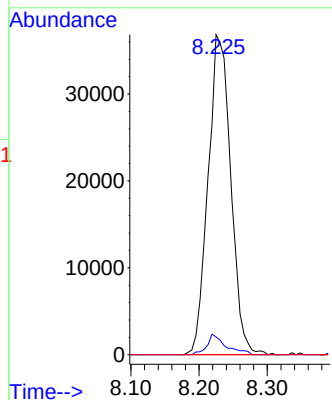
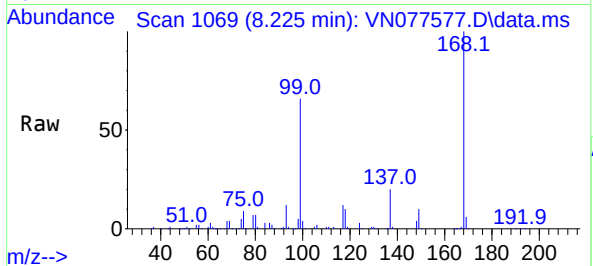




#38
Carbon Tetrachloride
Concen: 6.225 ug/l
RT: 8.225 min Scan# 1109
Delta R.T. -0.141 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

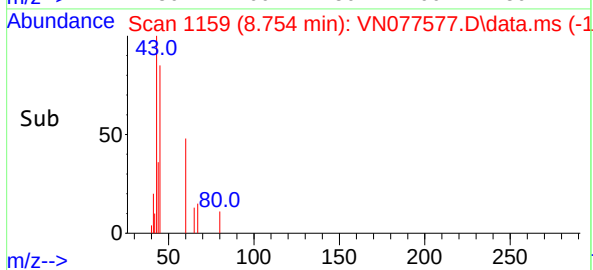
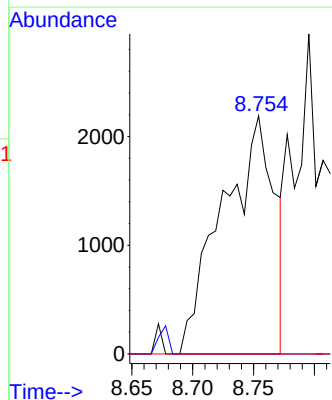
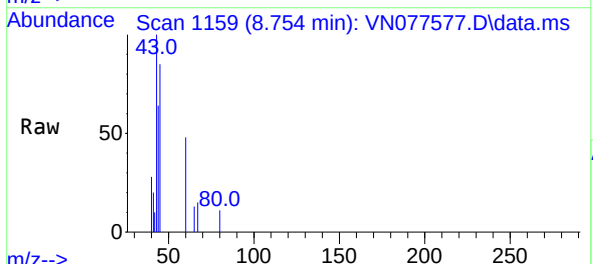
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

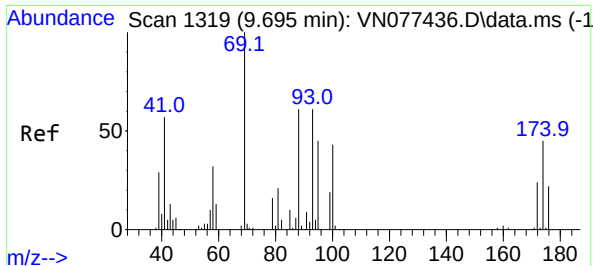
Tgt Ion:117 Resp: 85419
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.397 ug/l
RT: 8.754 min Scan# 1159
Delta R.T. 0.059 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Tgt Ion: 43 Resp: 6488
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

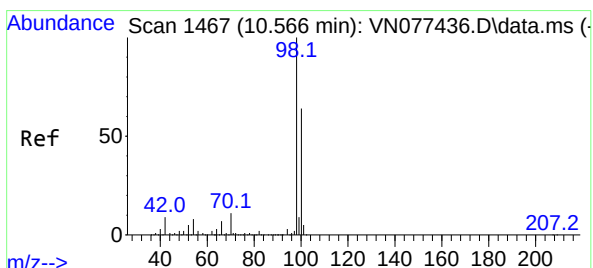
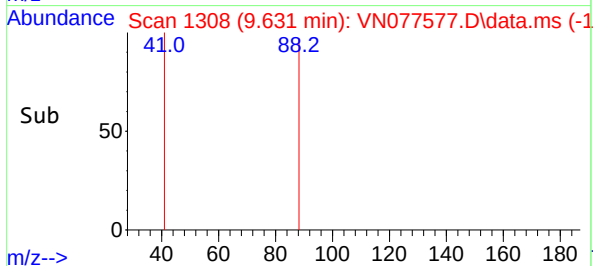
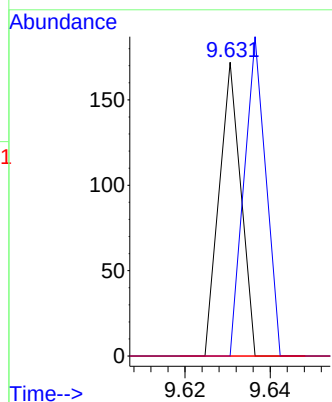
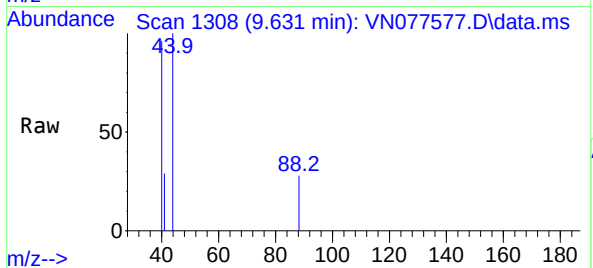




#49
1,4-Dioxane
Concen: 0.327 ug/l
RT: 9.631 min Scan# 11
Delta R.T. -0.065 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

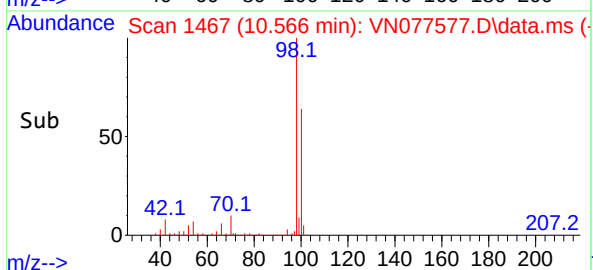
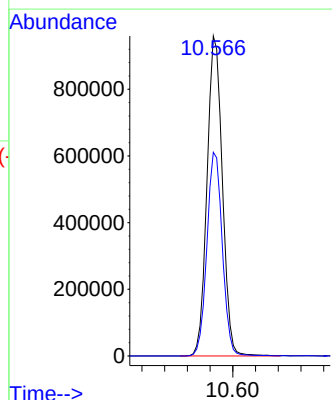
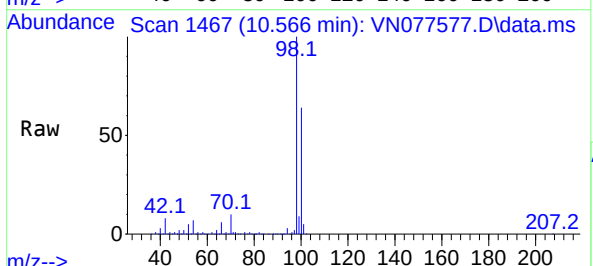
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

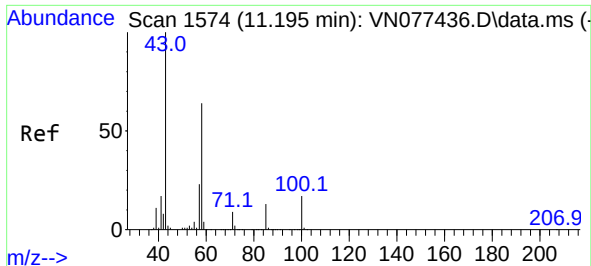
Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 108.2 17.0 25.6#
58 0.0 47.0 70.4#



#50
Toluene-d8
Concen: 54.296 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Tgt Ion: 98 Resp: 1791347
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

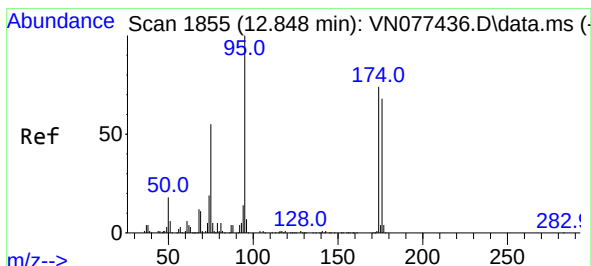
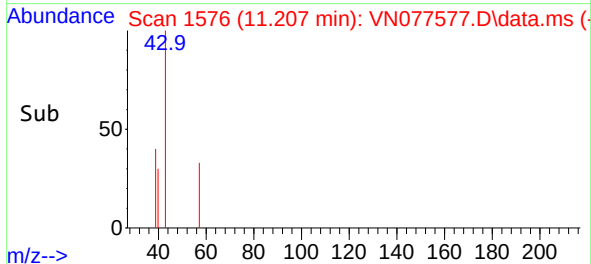
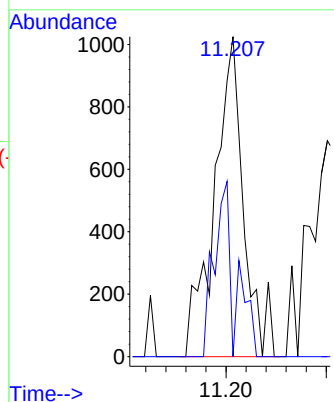
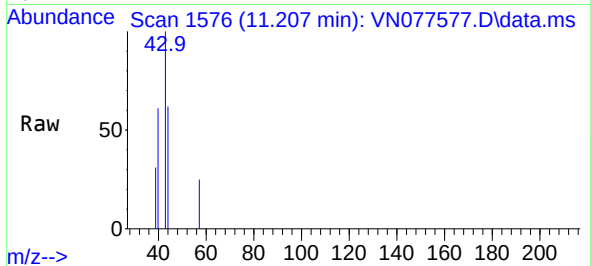




#59
2-Hexanone
Concen: 0.297 ug/l
RT: 11.207 min Scan# 111
Delta R.T. 0.012 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

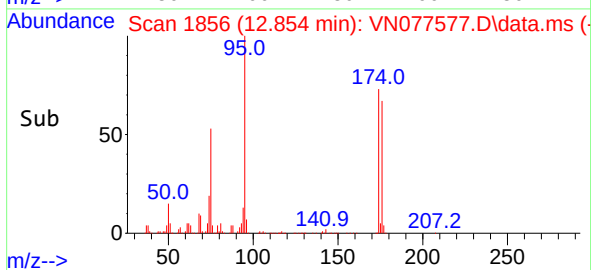
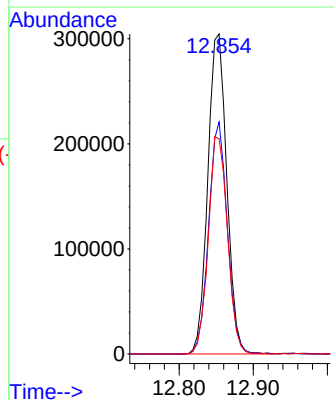
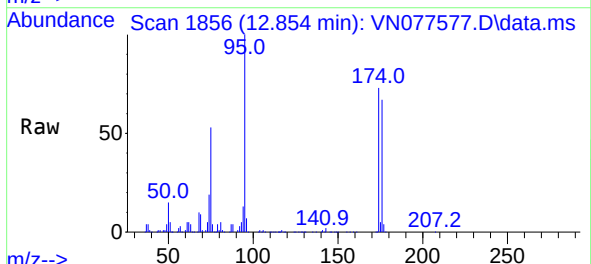
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

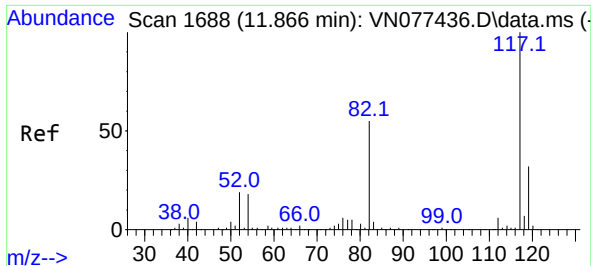
Tgt Ion: 43 Resp: 2070
Ion Ratio Lower Upper
43 100
58 39.4 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 50.235 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Tgt Ion: 95 Resp: 542255
Ion Ratio Lower Upper
95 100
174 71.3 0.0 143.8
176 68.4 0.0 135.8

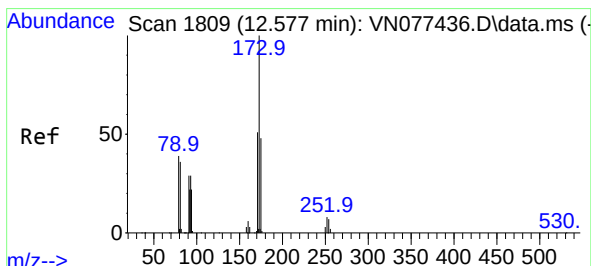
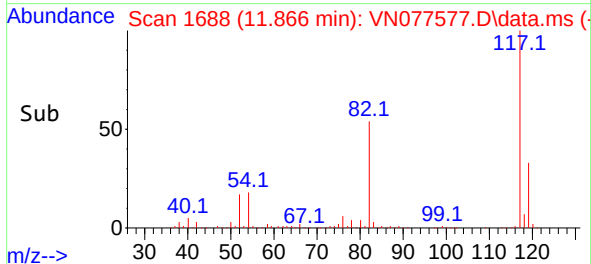
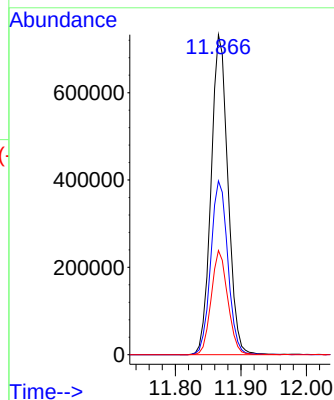
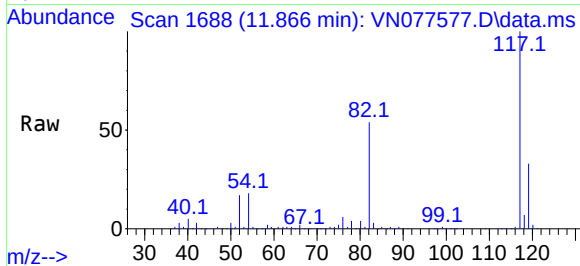




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

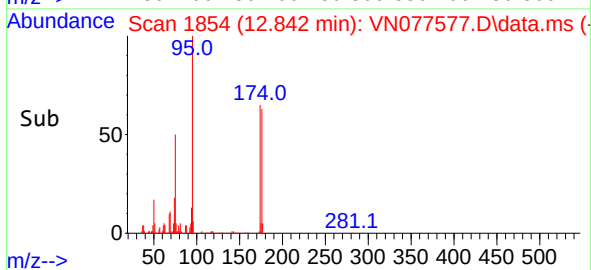
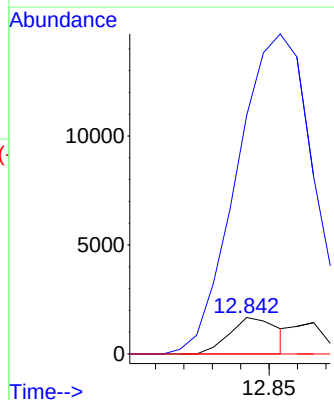
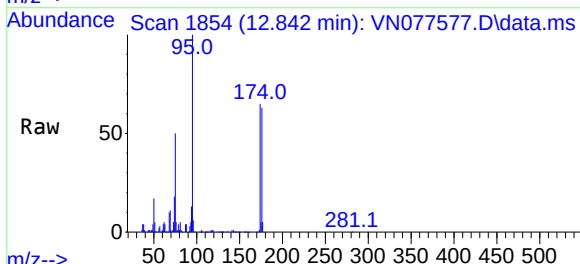
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

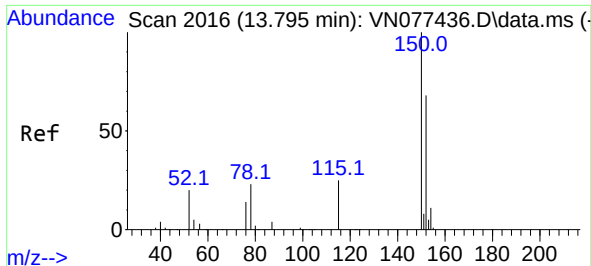
Tgt Ion:117 Resp: 1306327
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 32.6 25.6 38.4



#71
Bromoform
Concen: 0.301 ug/l
RT: 12.842 min Scan# 1854
Delta R.T. 0.265 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Tgt Ion:173 Resp: 1979
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

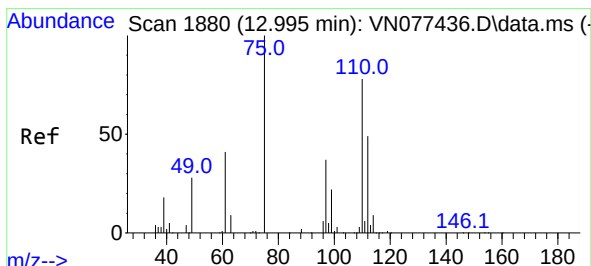
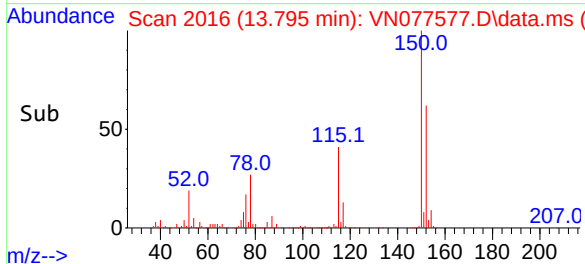
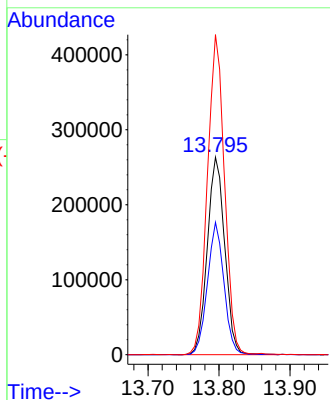
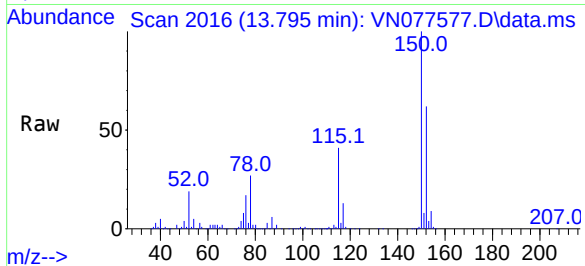




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

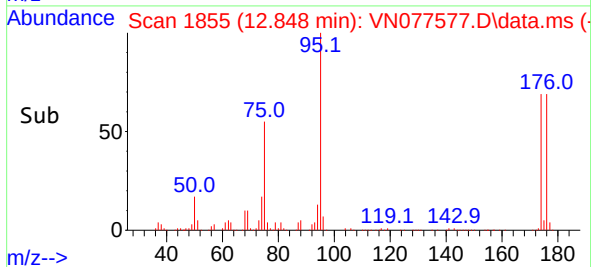
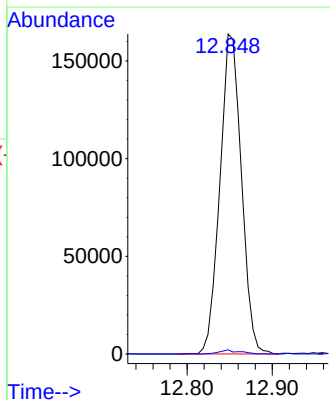
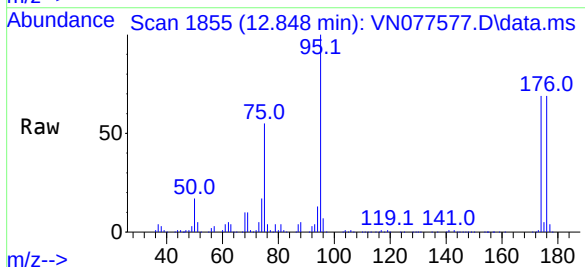
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

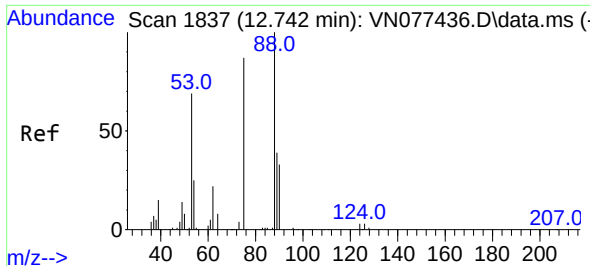
Tgt Ion:152 Resp: 449058
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 158.8 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 27.502 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Tgt Ion: 75 Resp: 287189
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#

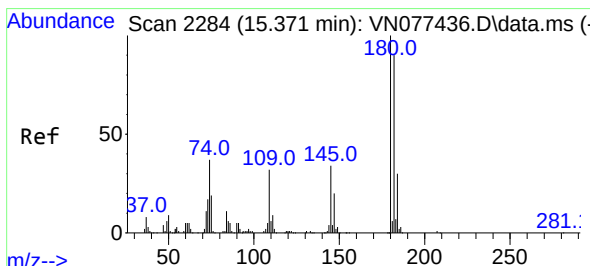
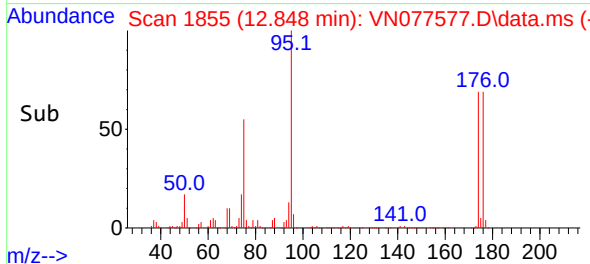
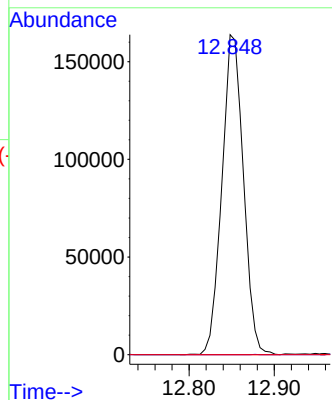
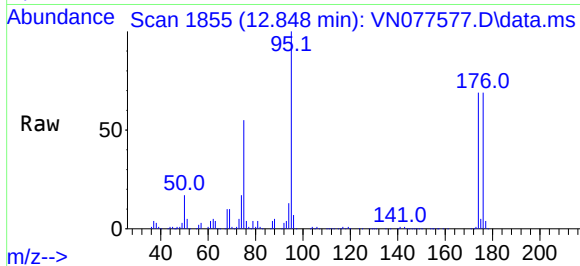




#81
trans-1,4-Dichloro-2-butene
Concen: 77.699 ug/l
RT: 12.848 min Scan# 1837
Delta R.T. 0.106 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

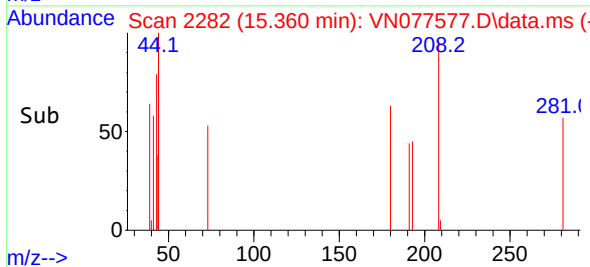
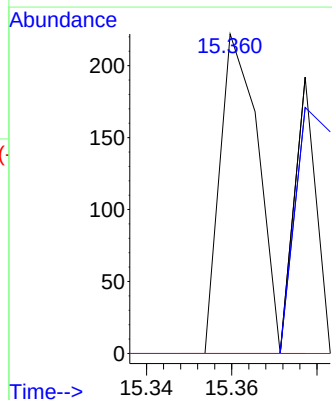
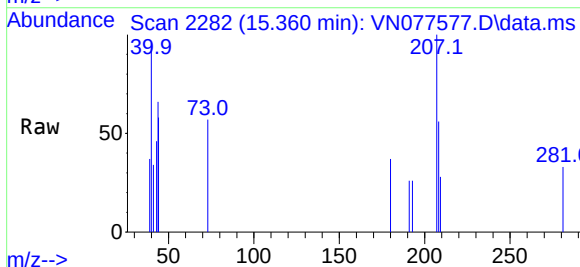
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

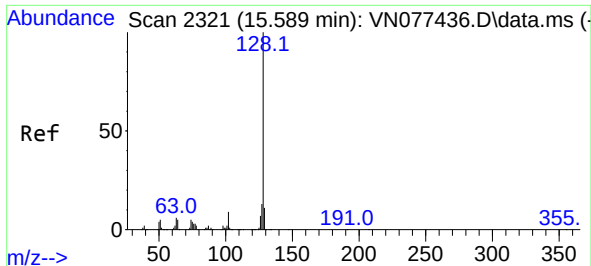
Tgt Ion: 75 Resp: 287189
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.840 ug/l
RT: 15.360 min Scan# 2282
Delta R.T. -0.011 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Tgt Ion:180 Resp: 138
Ion Ratio Lower Upper
180 100
182 0.0 46.1 138.2#
145 0.0 16.6 49.8#

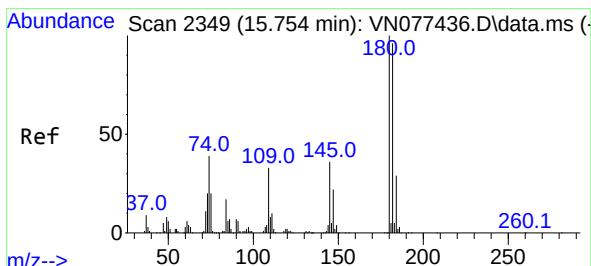
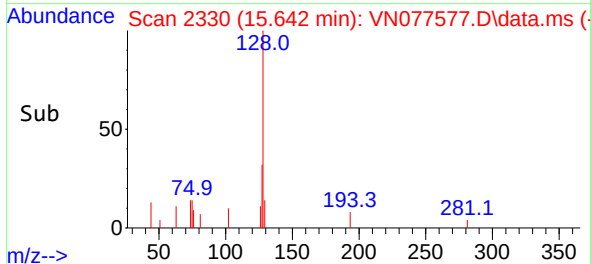
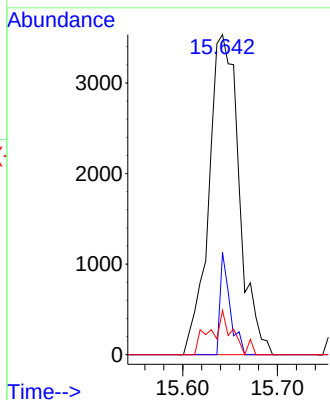
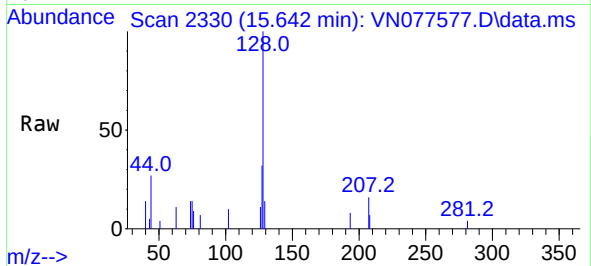




#95
Naphthalene
Concen: 1.792 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

Tgt Ion:	128	Resp:	7879
Ion	Ratio	Lower	Upper
128	100		
127	10.3	10.0	15.0
129	9.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.886 ug/l
RT: 15.830 min Scan# 2362
Delta R.T. 0.076 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Tgt Ion:	180	Resp:	1229
Ion	Ratio	Lower	Upper
180	100		
182	16.7	46.2	138.6#
145	0.0	17.5	52.6#

