

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075865.D
 Acq On : 19 Dec 2022 12:46
 Operator : JC\MD
 Sample : VN1219WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 01:28:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

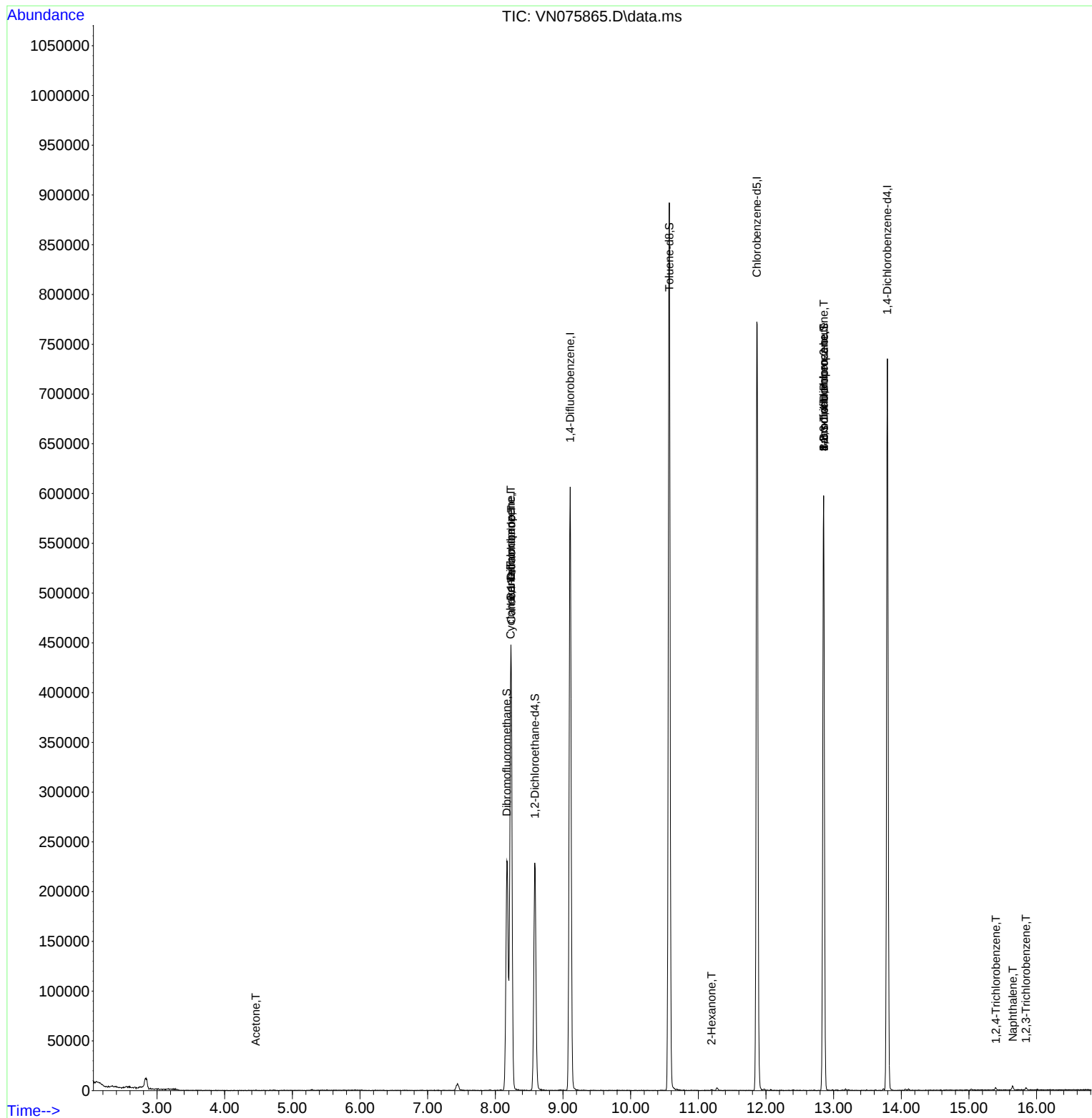
Internal Standards						
1) Pentafluorobenzene	8.229	168	354233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	553165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	485503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	182951	47.474	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.940%		
35) Dibromofluoromethane	8.171	113	167777	48.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.960%		
50) Toluene-d8	10.570	98	637037	49.737	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.480%		
62) 4-Bromofluorobenzene	12.853	95	201806	47.571	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.140%		
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	297	0.224	ug/l #	39
20) Methylene Chloride	5.306	84	605	Below Cal	#	44
31) Cyclohexane	8.224	56	6578	1.192	ug/l #	25
36) 1,1-Dichloropropene	8.229	75	24915	5.475	ug/l #	44
38) Carbon Tetrachloride	8.235	117	34705	6.814	ug/l #	16
59) 2-Hexanone	11.194	43	686	0.258	ug/l	76
71) Bromoform	12.853	173	1491	0.555	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	101480	24.672	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	101480	88.806	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.400	180	1126	0.335	ug/l	76
95) Naphthalene	15.647	128	4533	2.568	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.841	180	1261	0.401	ug/l	70

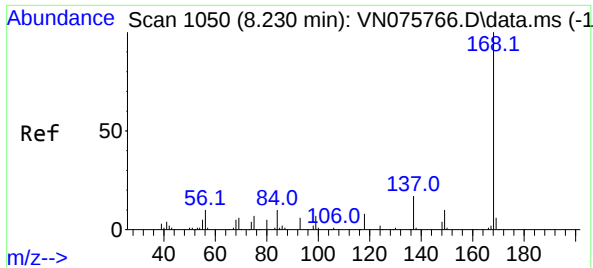
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
Data File : VN075865.D
Acq On : 19 Dec 2022 12:46
Operator : JC\MD
Sample : VN1219WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 20 01:28:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

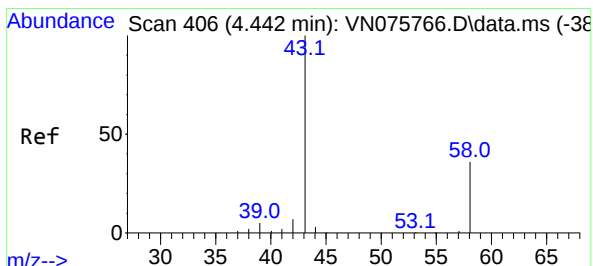
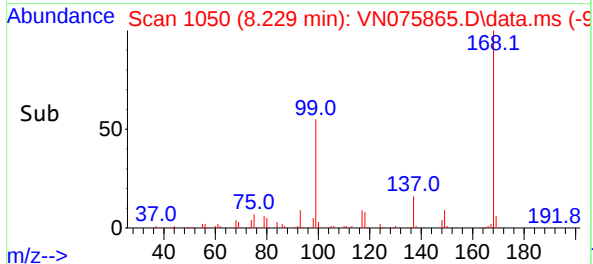
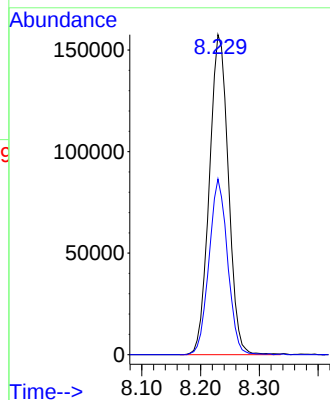
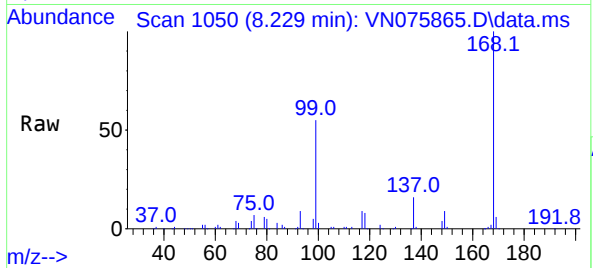




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

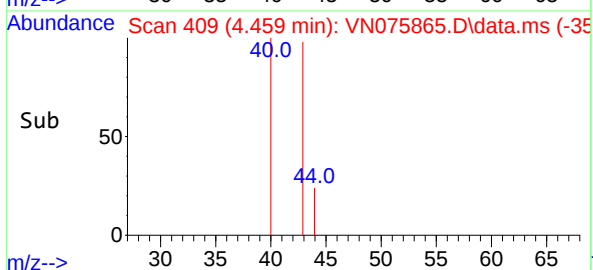
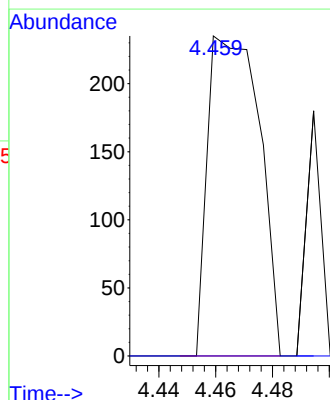
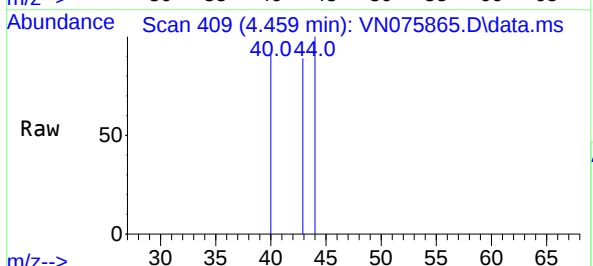
Instrument :
MSVOA_N
ClientSampleId :

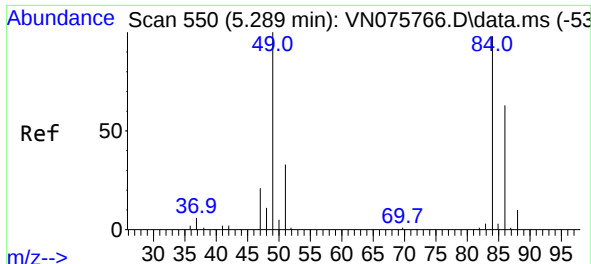
Tgt Ion:168 Resp: 354233
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#16
Acetone
Concen: 0.224 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

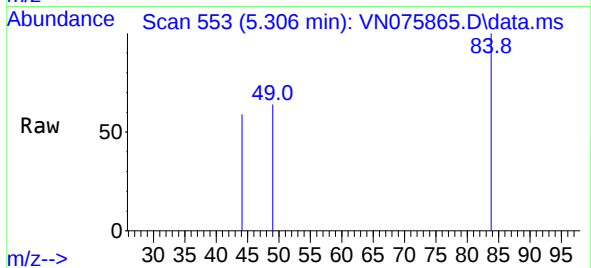
Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#





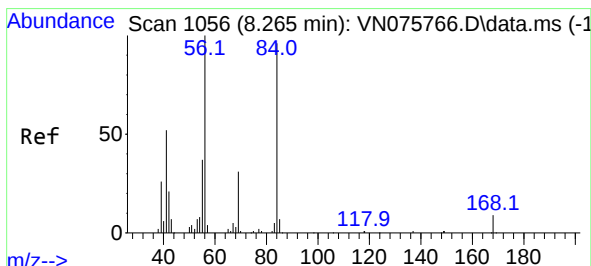
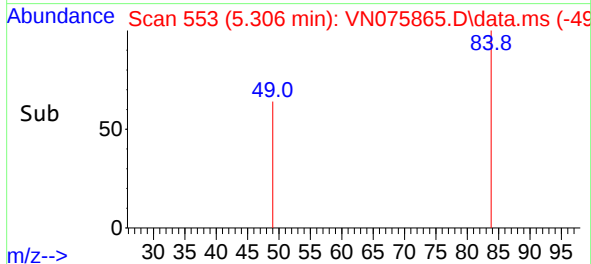
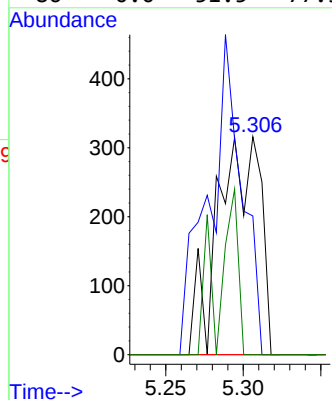
#20
Methylene Chloride
Concen: Below Cal
RT: 5.306 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 605

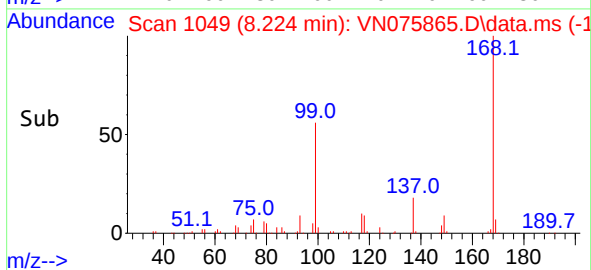
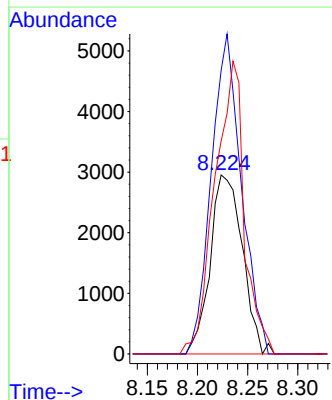
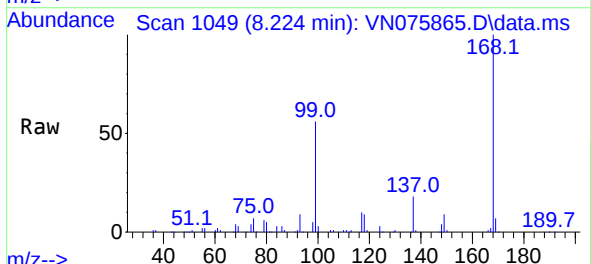
Ion	Ratio	Lower	Upper
84	100		
49	63.6	81.8	122.6#
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#

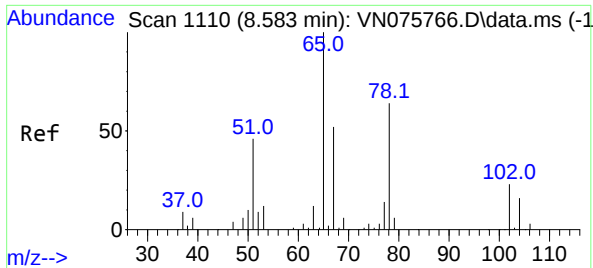


#31
Cyclohexane
Concen: 1.192 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.041 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

Tgt Ion: 56 Resp: 6578

Ion	Ratio	Lower	Upper
56	100		
69	158.4	24.7	37.1#
84	119.0	76.5	114.7#

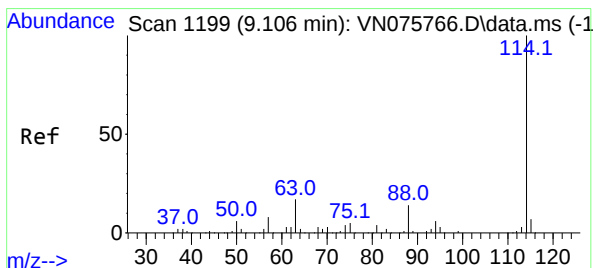
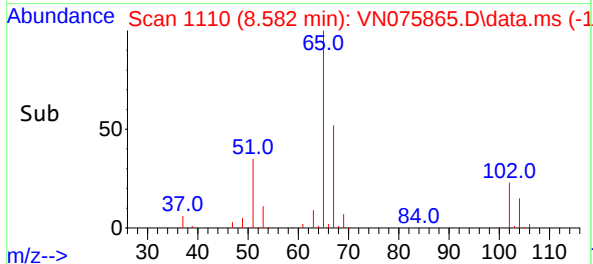
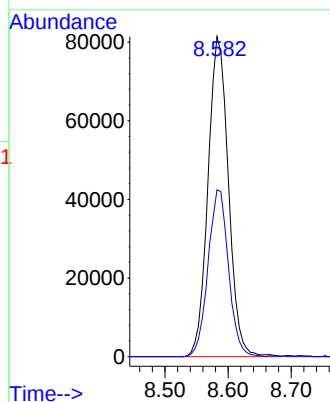
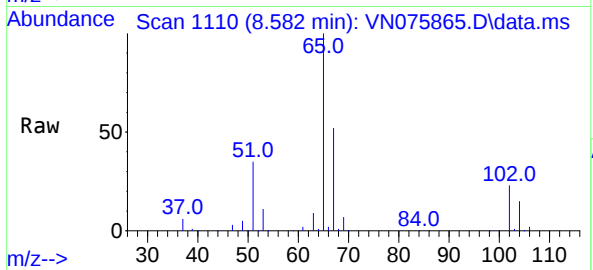




#33
1,2-Dichloroethane-d4
Concen: 47.474 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

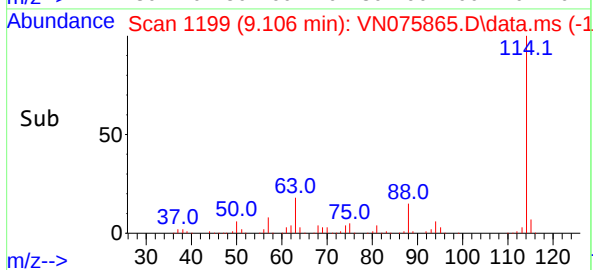
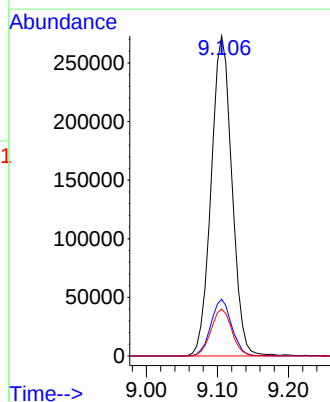
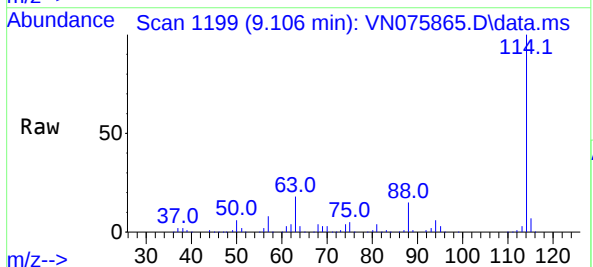
Instrument :
MSVOA_N
ClientSampleId :

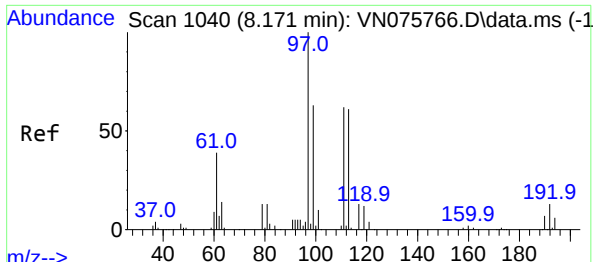
Tgt Ion: 65 Resp: 182951
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

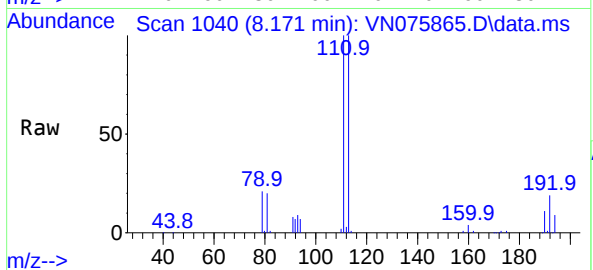
Tgt Ion:114 Resp: 553165
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.4
88 14.6 0.0 28.8



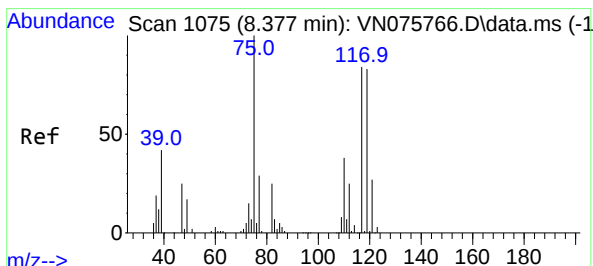
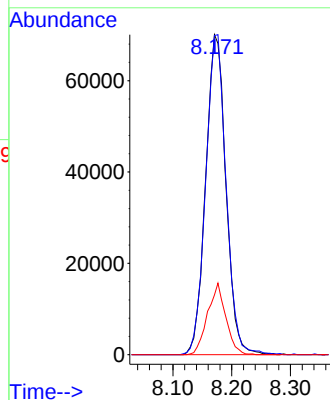
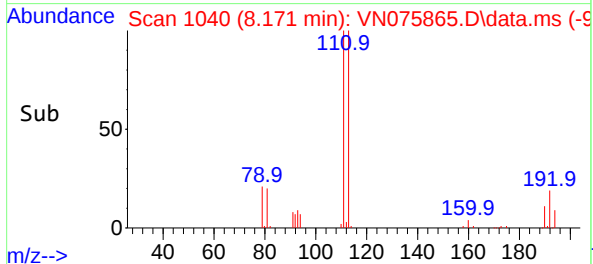


#35
Dibromofluoromethane
Concen: 48.976 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

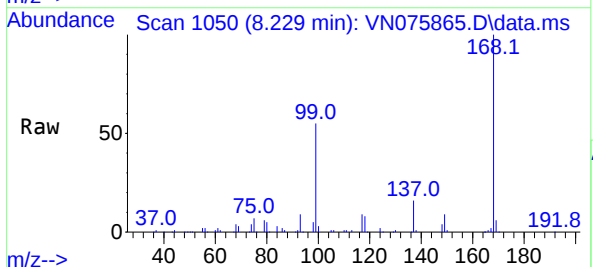
Instrument :
MSVOA_N
ClientSampleId :



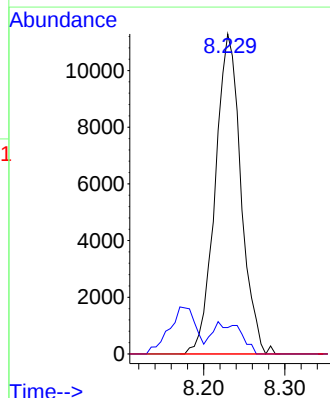
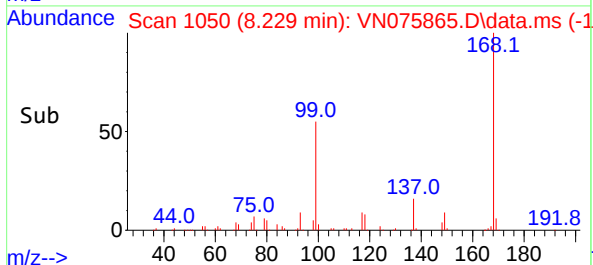
Tgt Ion:113 Resp: 167777
Ion Ratio Lower Upper
113 100
111 100.6 83.4 125.2
192 20.1 16.1 24.1

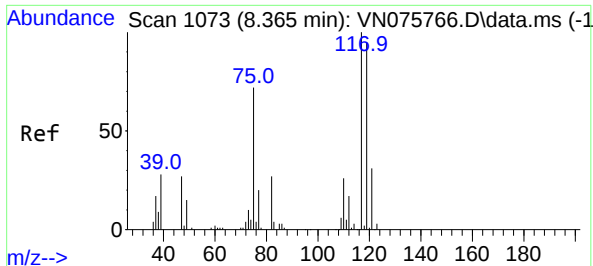


#36
1,1-Dichloropropene
Concen: 5.475 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46



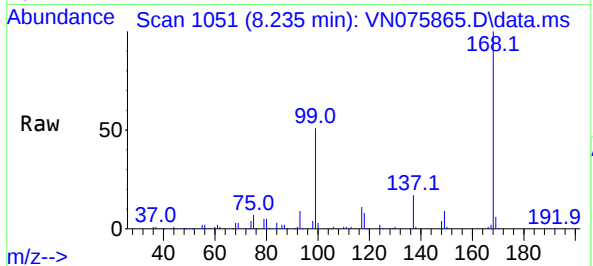
Tgt Ion: 75 Resp: 24915
Ion Ratio Lower Upper
75 100
110 3.8 18.8 56.4#
77 0.0 24.1 36.1#



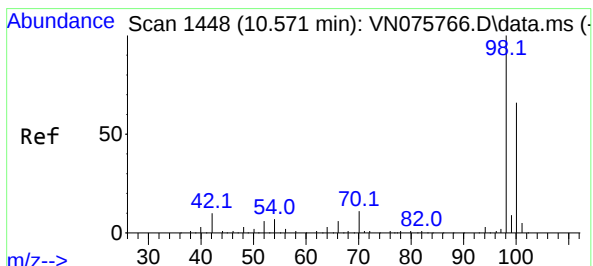
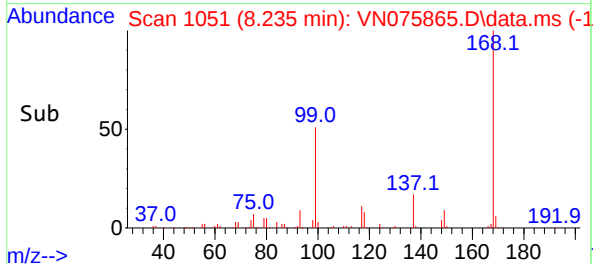
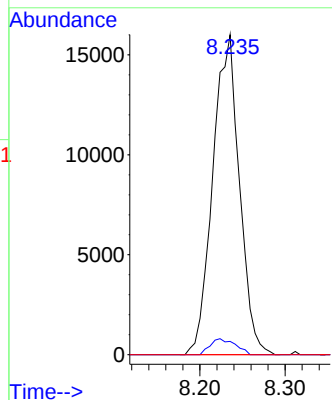


#38
Carbon Tetrachloride
Concen: 6.814 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.130 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

Instrument :
MSVOA_N
ClientSampleId :

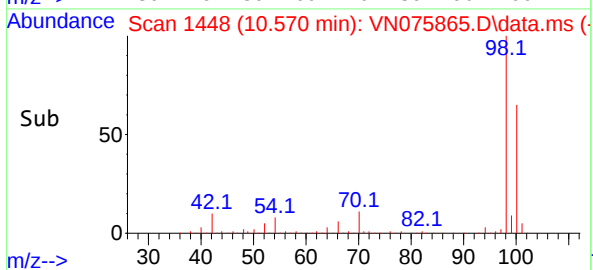
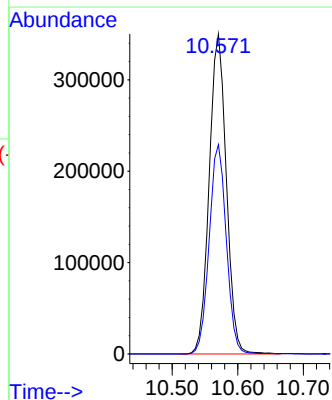
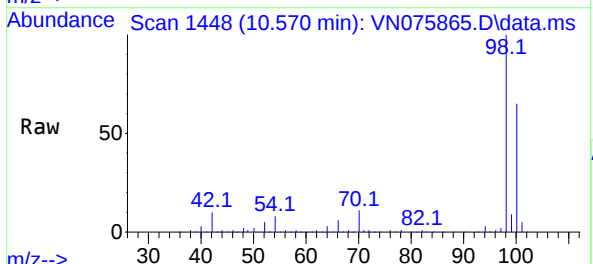


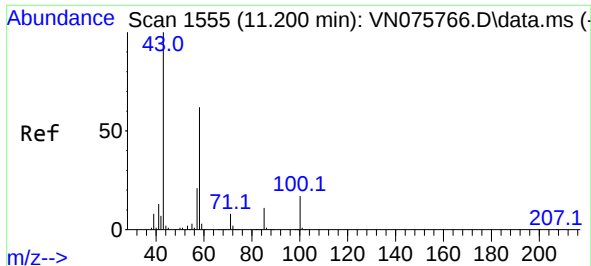
Tgt Ion:117 Resp: 34705
Ion Ratio Lower Upper
117 100
119 4.1 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.737 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

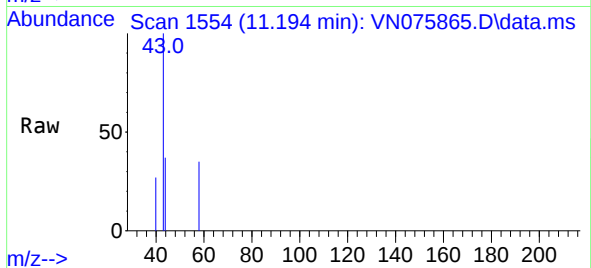
Tgt Ion: 98 Resp: 637037
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



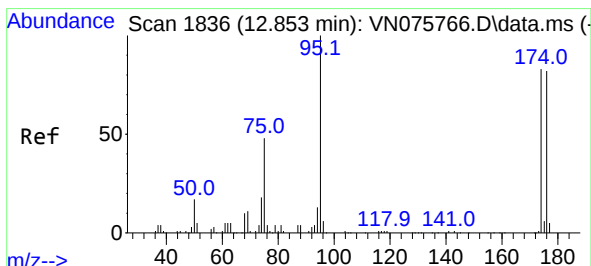
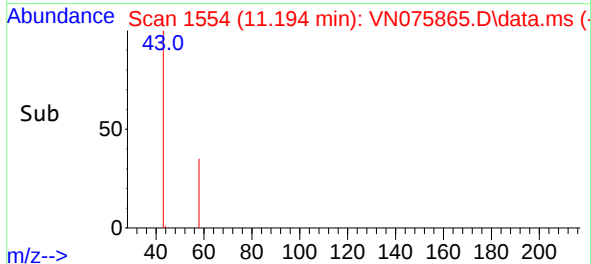
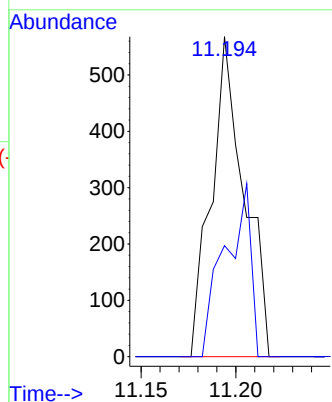


#59
2-Hexanone
Concen: 0.258 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

Instrument :
MSVOA_N
ClientSampleId :

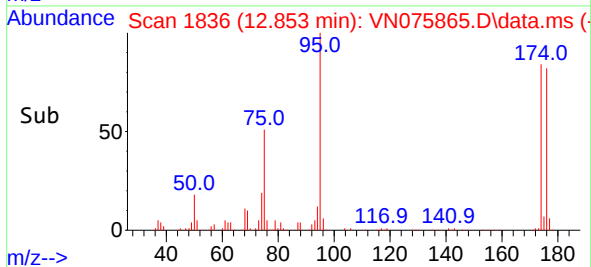
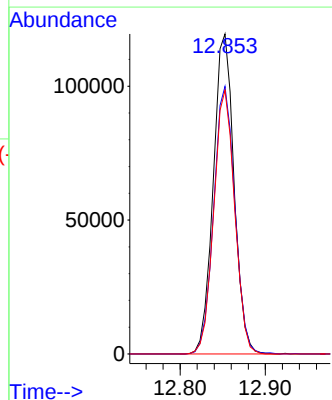
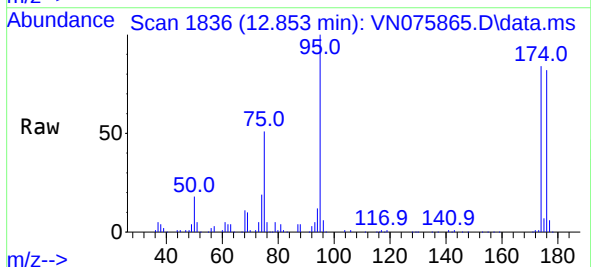


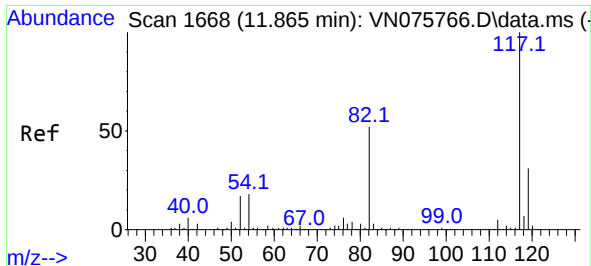
Tgt Ion: 43 Resp: 686
Ion Ratio Lower Upper
43 100
58 42.9 30.6 92.0



#62
4-Bromofluorobenzene
Concen: 47.571 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

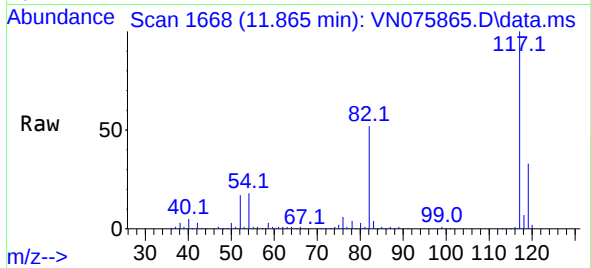
Tgt Ion: 95 Resp: 201806
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.6
176 83.1 0.0 169.2



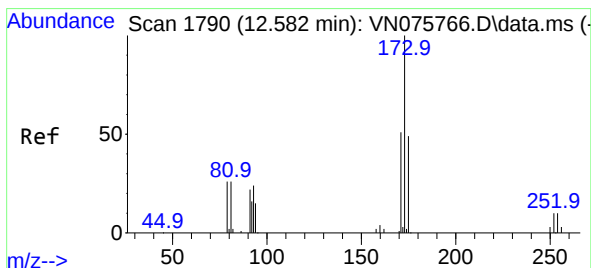
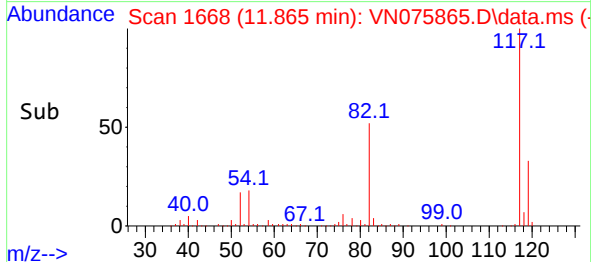
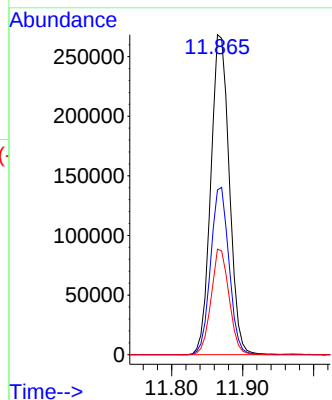


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

Instrument :
MSVOA_N
ClientSampleId :

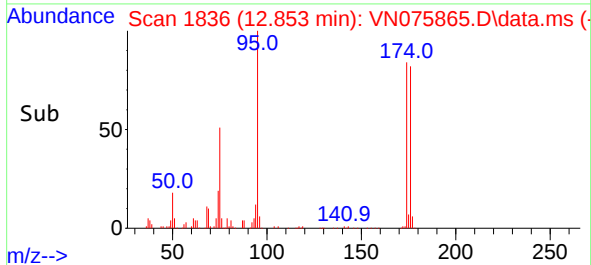
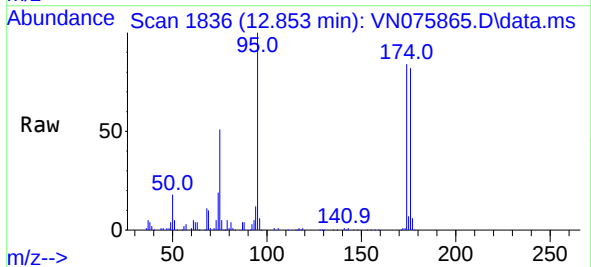
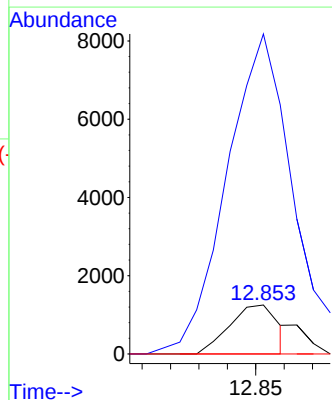


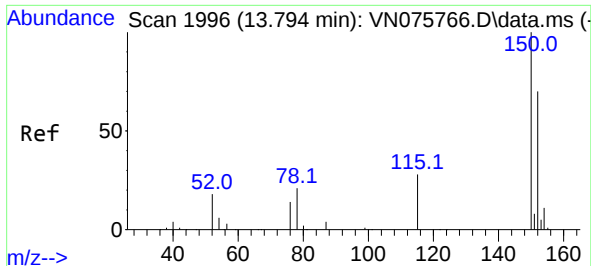
Tgt Ion:117 Resp: 485503
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 33.0 24.6 37.0



#71
Bromoform
Concen: 0.555 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

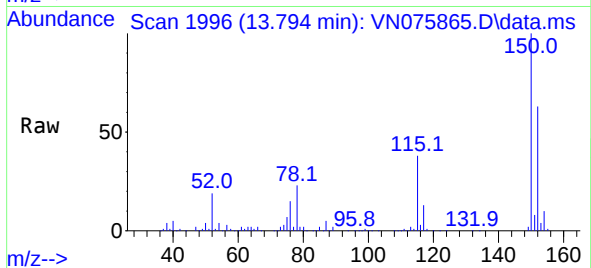
Tgt Ion:173 Resp: 1491
Ion Ratio Lower Upper
173 100
175 729.8 24.3 72.8#
254 0.0 0.0 0.0



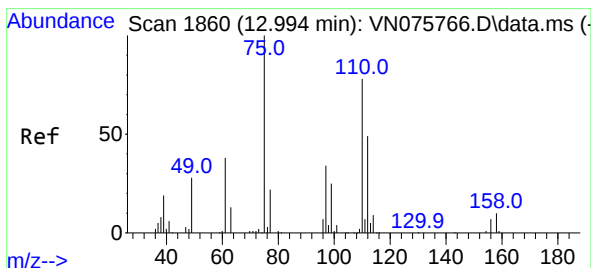
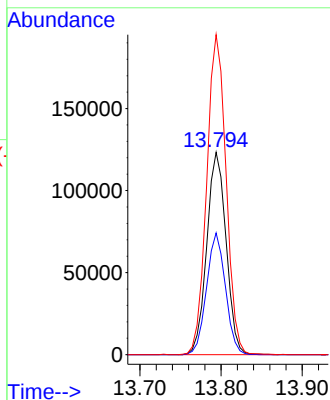
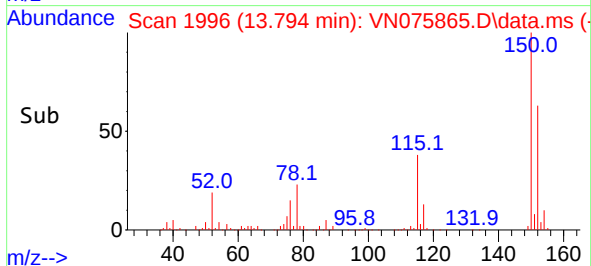


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

Instrument :
MSVOA_N
ClientSampleId :

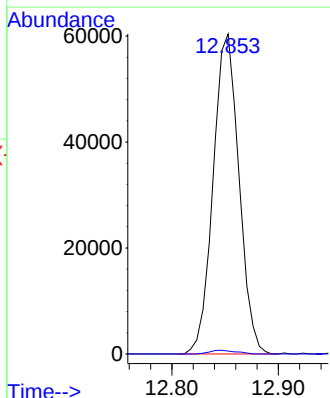
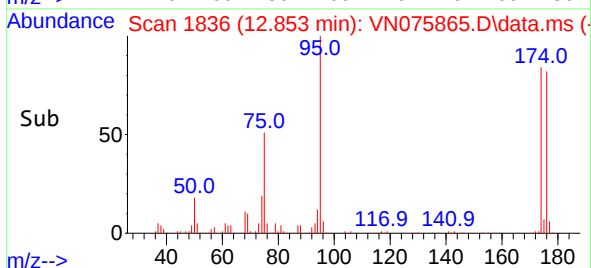
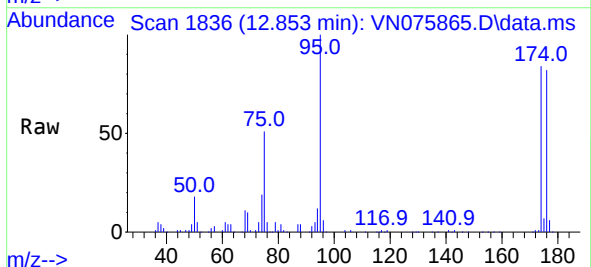


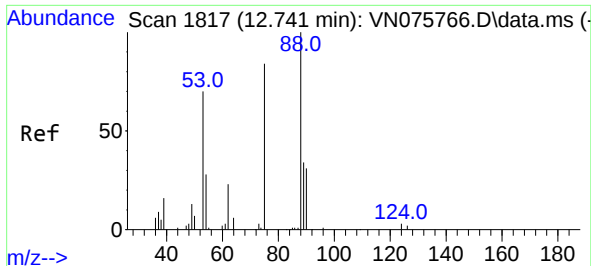
Tgt Ion:152 Resp: 204052
Ion Ratio Lower Upper
152 100
115 58.7 29.1 87.4
150 158.4 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 24.672 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

Tgt Ion: 75 Resp: 101480
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

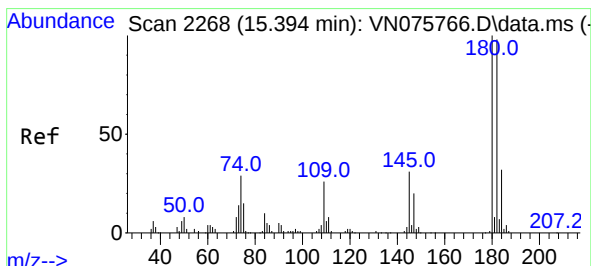
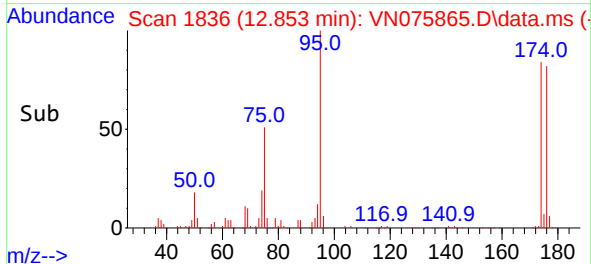
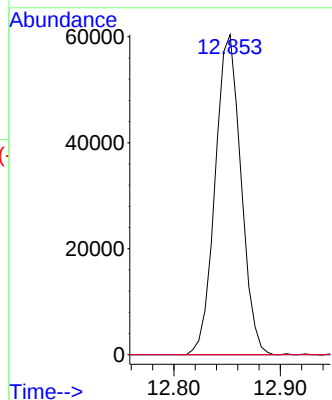
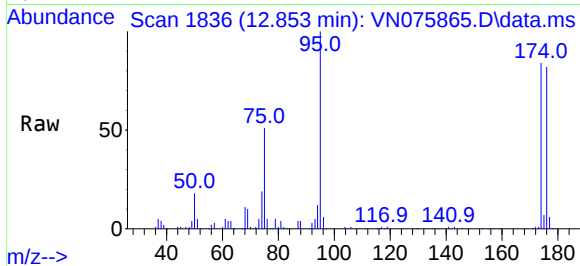




#81
trans-1,4-Dichloro-2-butene
Concen: 88.806 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

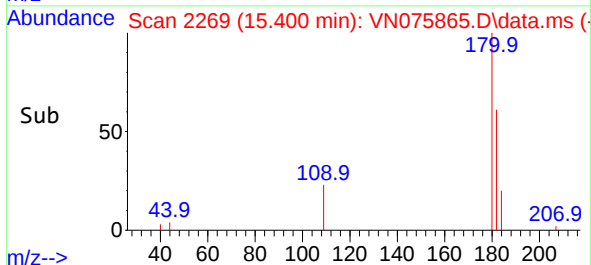
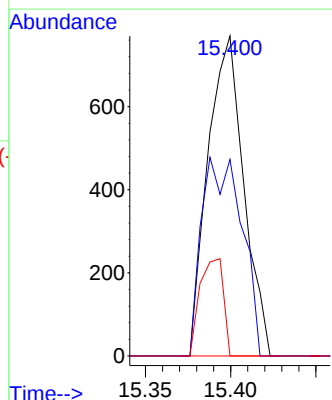
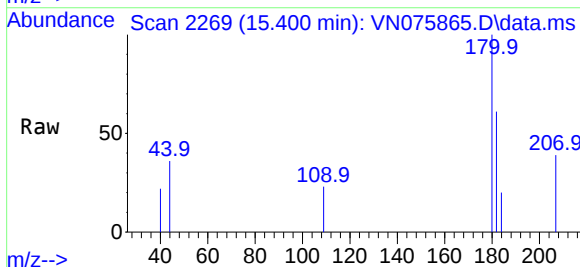
Instrument :
MSVOA_N
ClientSampleId :

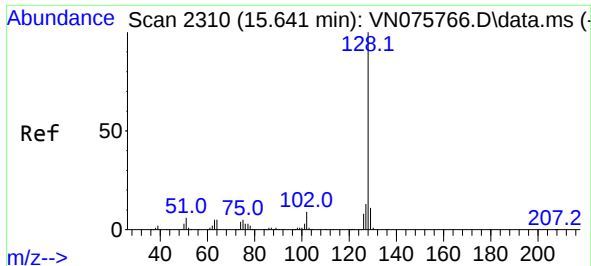
Tgt Ion: 75 Resp: 101480
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.335 ug/l
RT: 15.400 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

Tgt Ion:180 Resp: 1126
Ion Ratio Lower Upper
180 100
182 69.6 47.5 142.5
145 19.9 15.3 45.8

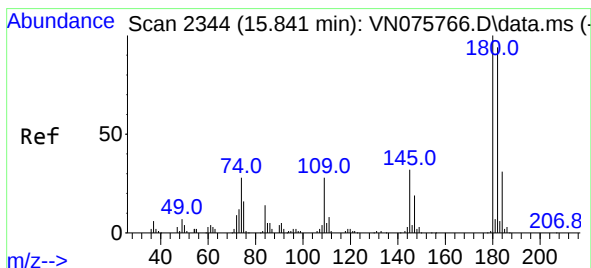
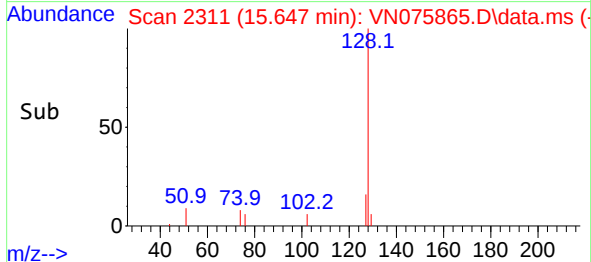
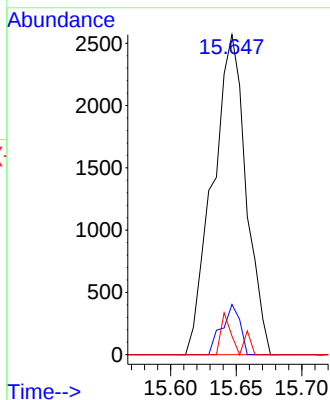
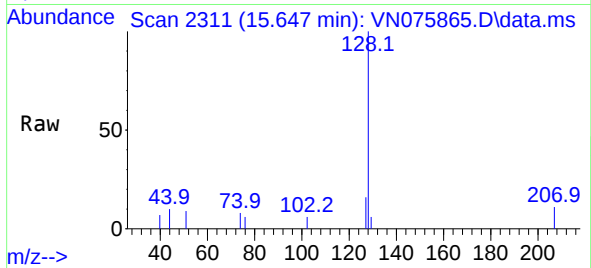




#95
Naphthalene
Concen: 2.568 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 4533
Ion Ratio Lower Upper
128 100
127 8.6 10.4 15.6#
129 3.8 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.401 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

Tgt Ion:180 Resp: 1261
Ion Ratio Lower Upper
180 100
182 64.2 47.0 141.0
145 17.5 16.0 47.9

