

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069748.D
 Acq On : 4 Dec 2021 4:48
 Operator : JC/MD
 Sample : M4919-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 04 05:42:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1461451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2579395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2655927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1007695	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1129649	50.062	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.120%
35) Dibromofluoromethane	8.021	113	780708	48.321	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.640%
50) Toluene-d8	10.440	98	3298639	50.846	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.731	95	1225002	52.122	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.240%

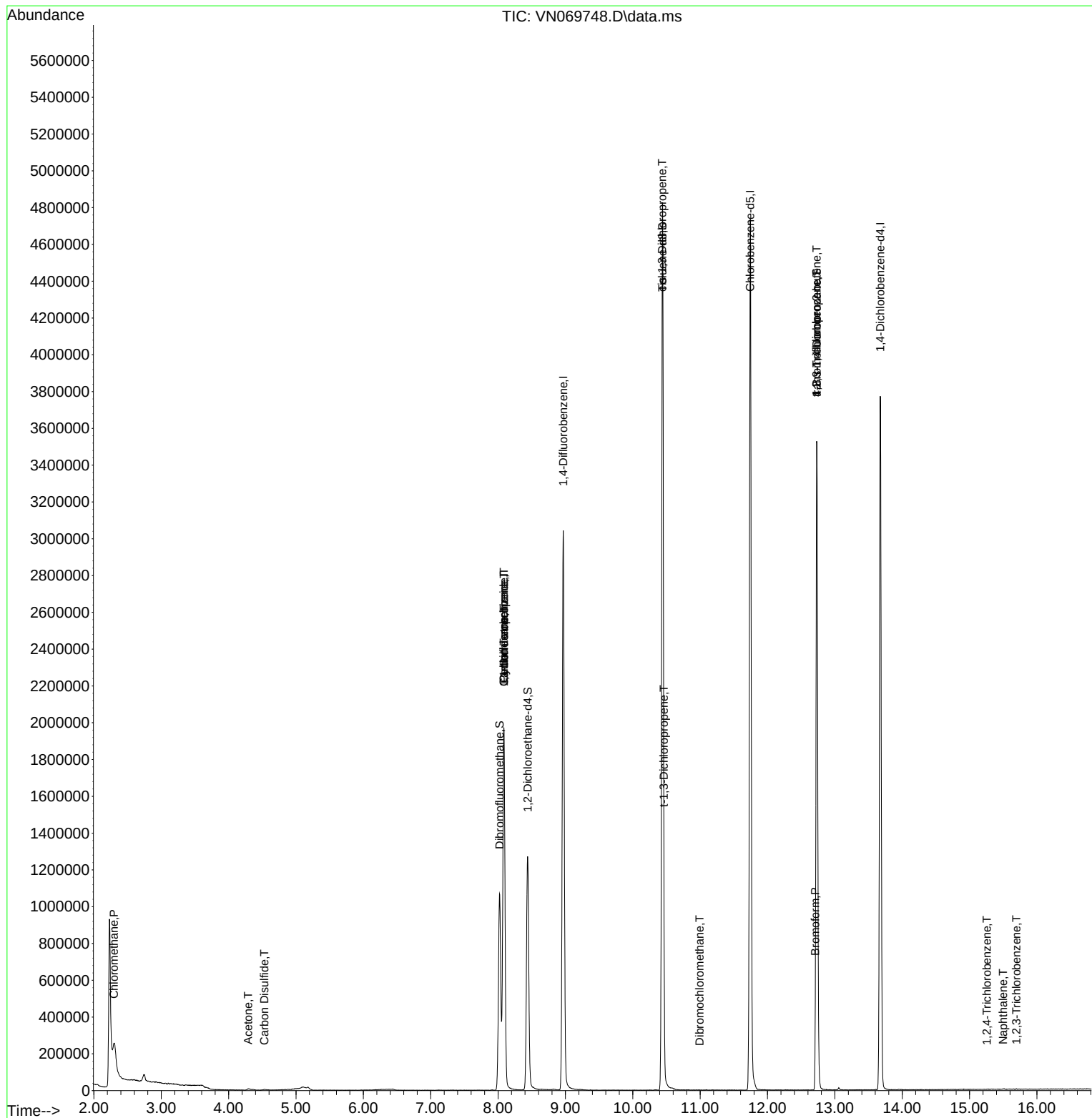
Target Compounds					Qvalue	
3) Chloromethane	2.298	50	7707	0.361	ug/l #	66
16) Acetone	4.288	43	4124	0.304	ug/l	93
17) Carbon Disulfide	4.529	76	8112	0.226	ug/l	99
31) Cyclohexane	8.086	56	37777	1.203	ug/l #	30
36) 1,1-Dichloropropene	8.088	75	125053	5.093	ug/l #	49
38) Carbon Tetrachloride	8.088	117	153381	6.370	ug/l #	17
53) t-1,3-Dichloropropene	10.462	75	27	2.795	ug/l	92
54) cis-1,3-Dichloropropene	10.438	75	729	2.021	ug/l #	1
60) Dibromochloromethane	10.993	129	27	2.378	ug/l #	11
71) Bromoform	12.709	173	180	2.741	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	696202	24.091	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	696202	76.505	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.257	180	519	2.907	ug/l	80
95) Naphthalene	15.499	128	2512	4.032	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.694	180	279	2.452	ug/l #	39

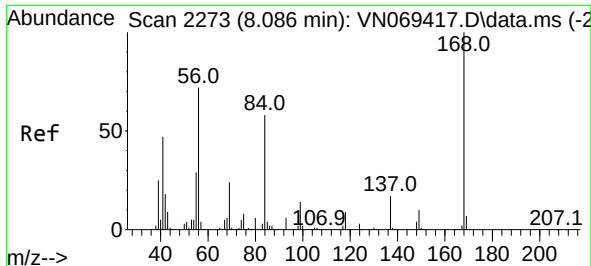
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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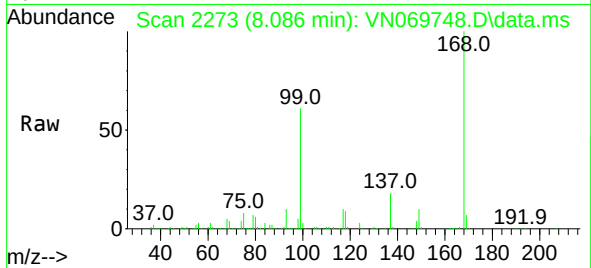
Quant Time: Dec 04 05:42:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
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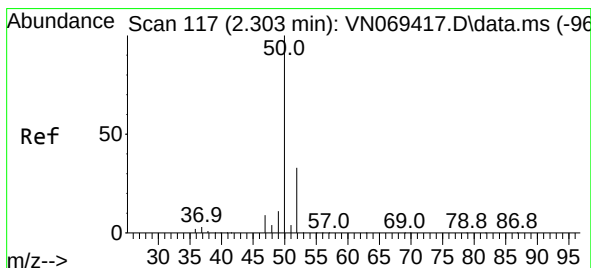
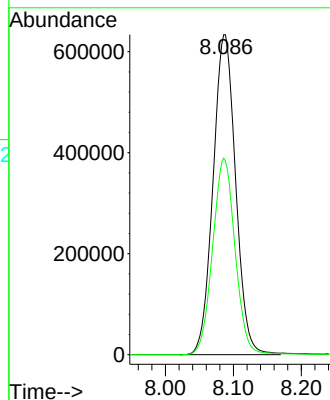
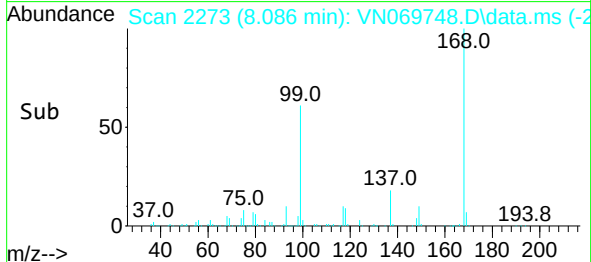


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48

Instrument :
MSVOA_N
ClientSampleId :

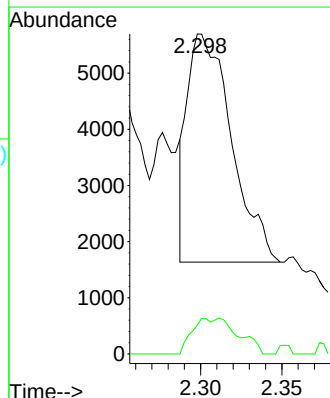
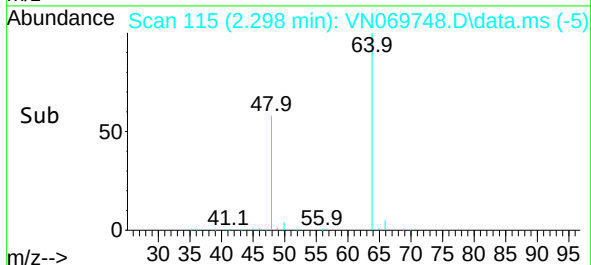
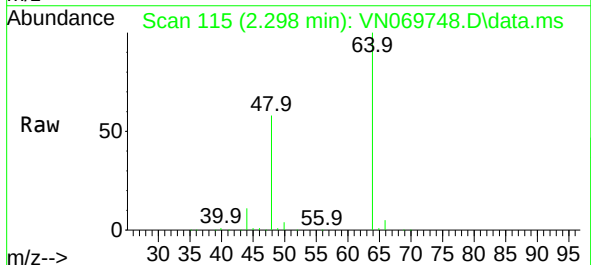


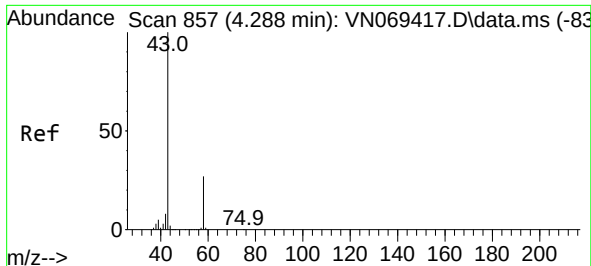
Tgt Ion:168 Resp: 1461451
Ion Ratio Lower Upper
168 100
99 61.4 41.3 61.9



#3
Chloromethane
Concen: 0.361 ug/l
RT: 2.298 min Scan# 115
Delta R.T. -0.005 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48

Tgt Ion: 50 Resp: 7707
Ion Ratio Lower Upper
50 100
52 12.7 25.4 38.0#

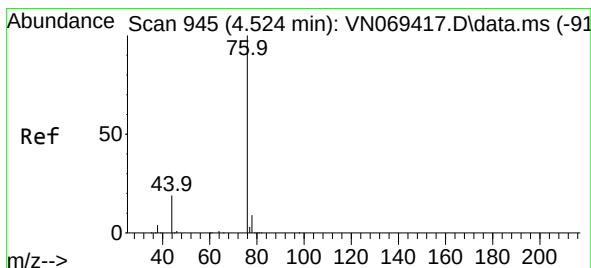
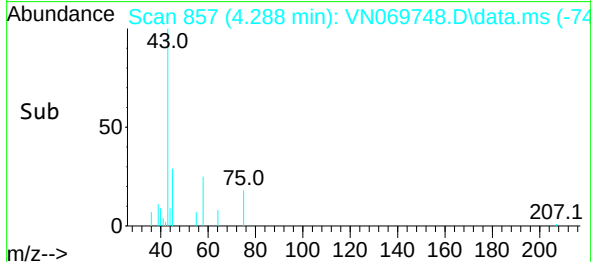
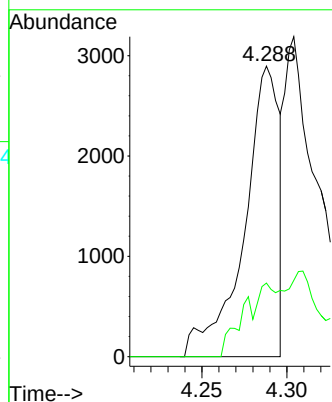
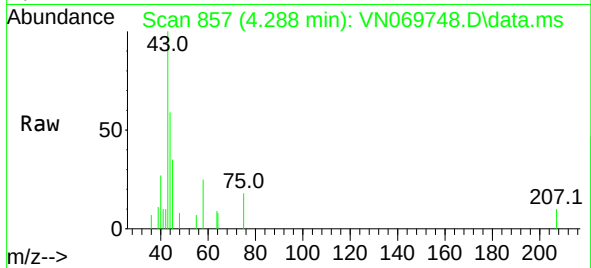




#16
Acetone
Concen: 0.304 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48

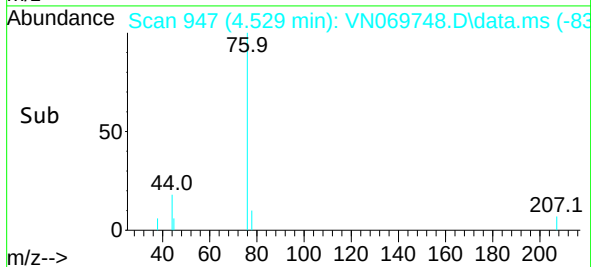
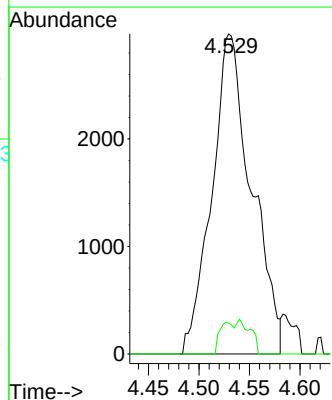
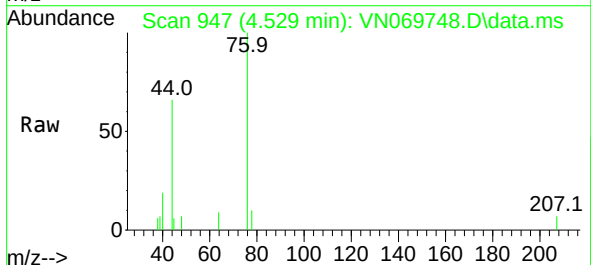
Instrument :
MSVOA_N
ClientSampleId :

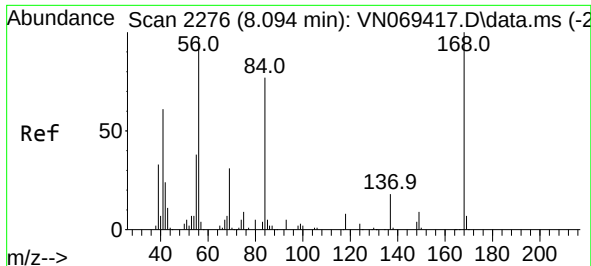
Tgt Ion: 43 Resp: 4124
Ion Ratio Lower Upper
43 100
58 25.3 23.1 34.7



#17
Carbon Disulfide
Concen: 0.226 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.006 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48

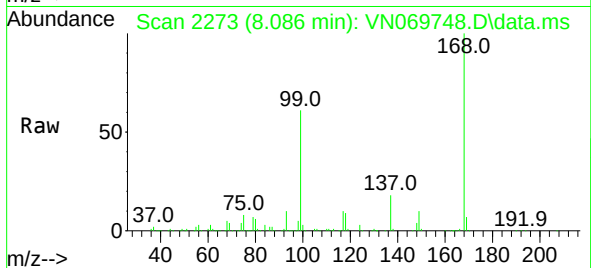
Tgt Ion: 76 Resp: 8112
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



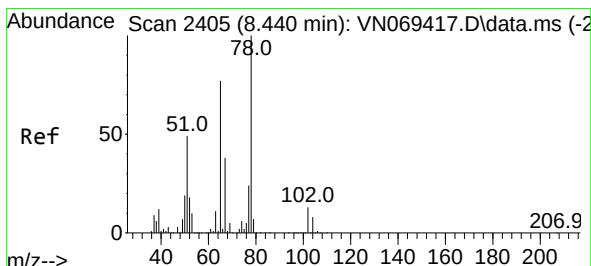
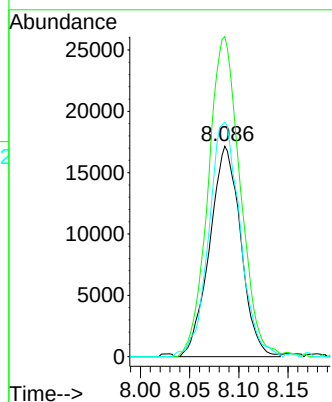
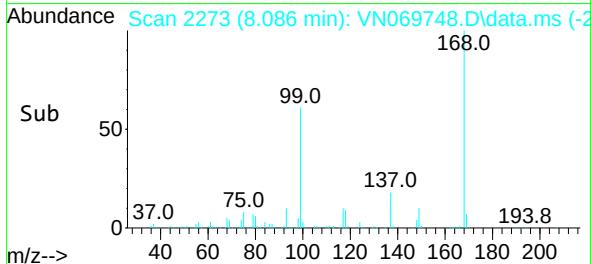


#31
Cyclohexane
Concen: 1.203 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48

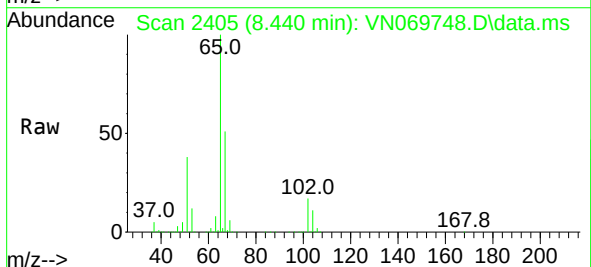
Instrument :
MSVOA_N
ClientSampleId :



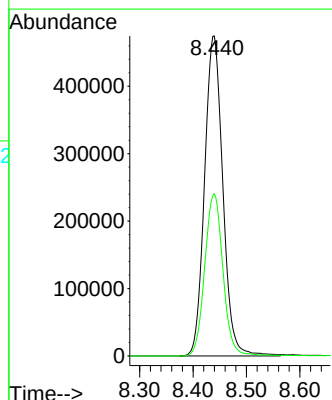
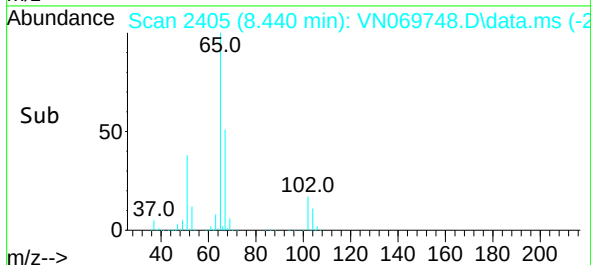
Tgt Ion: 56 Resp: 37777
Ion Ratio Lower Upper
56 100
69 151.0 27.1 40.7#
84 110.5 73.4 110.0#

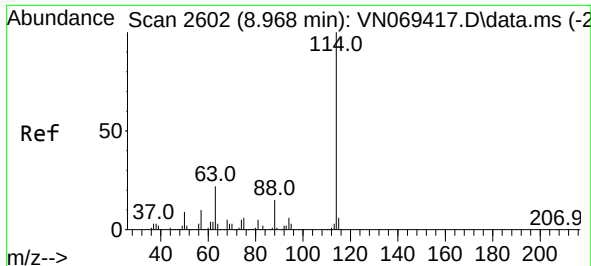


#33
1,2-Dichloroethane-d4
Concen: 50.062 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48



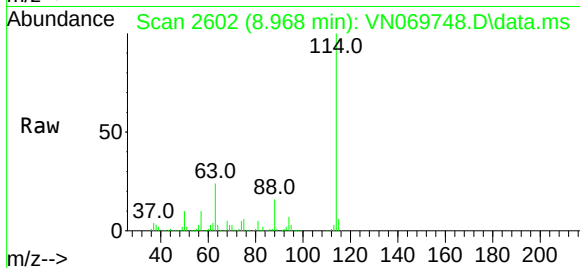
Tgt Ion: 65 Resp: 1129649
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0





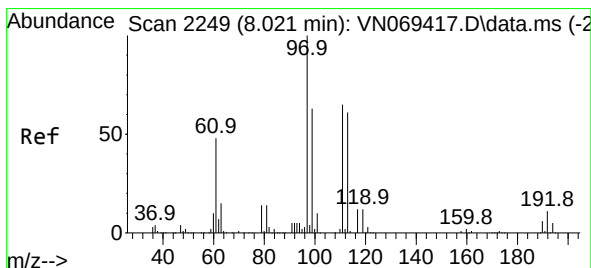
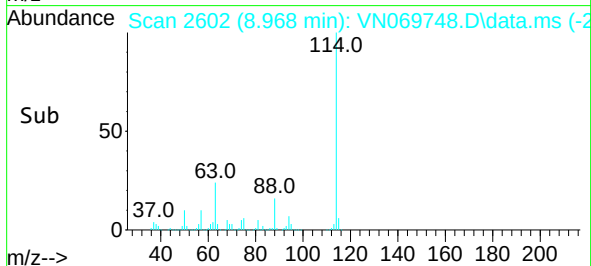
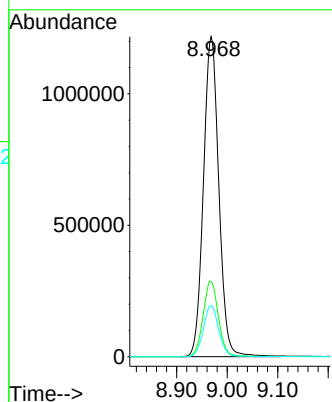
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:114 Resp: 2579395

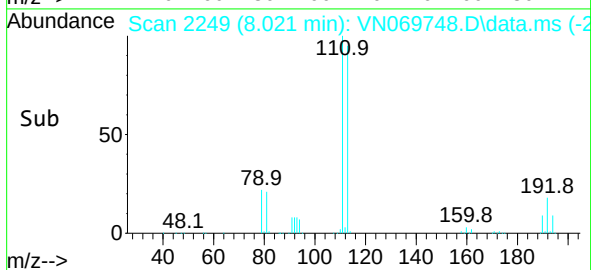
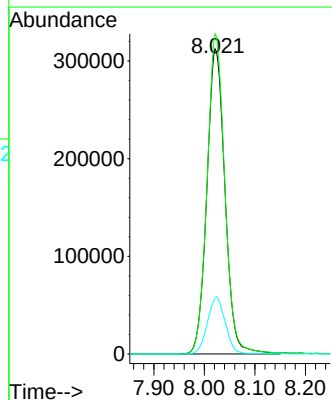
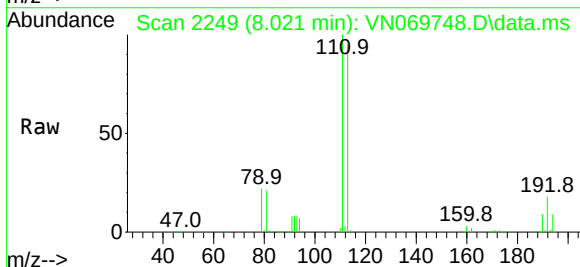
Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	37.8
88	16.0	0.0	27.4

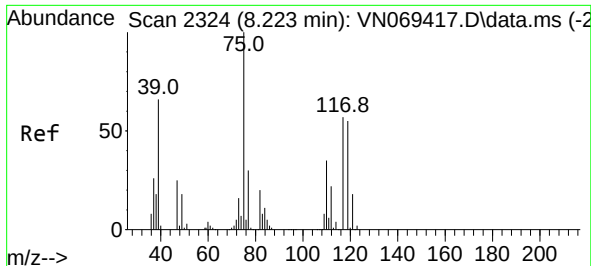


#35
Dibromofluoromethane
Concen: 48.321 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48

Tgt Ion:113 Resp: 780708

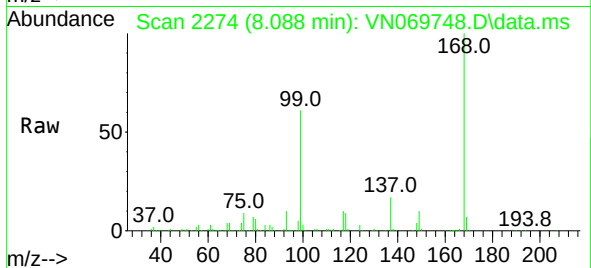
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	18.3	16.9	25.3



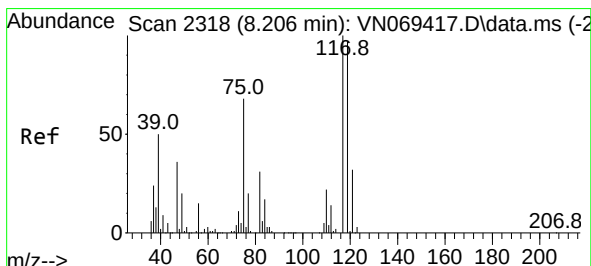
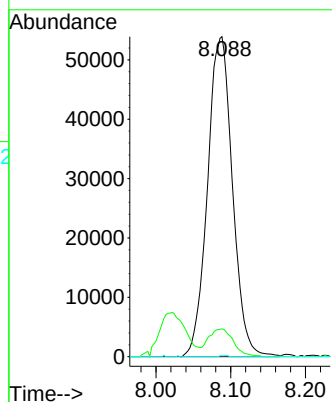
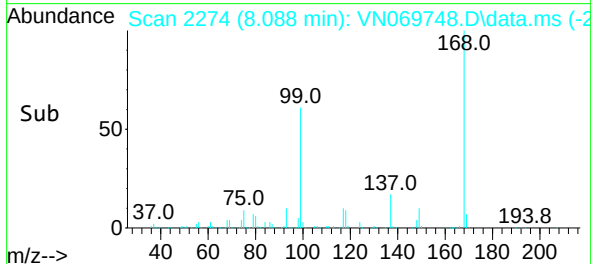


#36
1,1-Dichloropropene
Concen: 5.093 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.134 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48

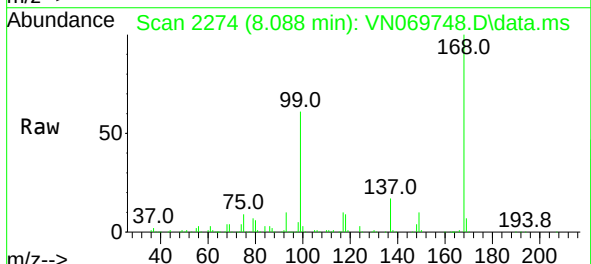
Instrument :
MSVOA_N
ClientSampleId :



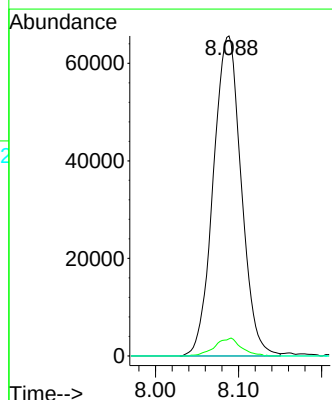
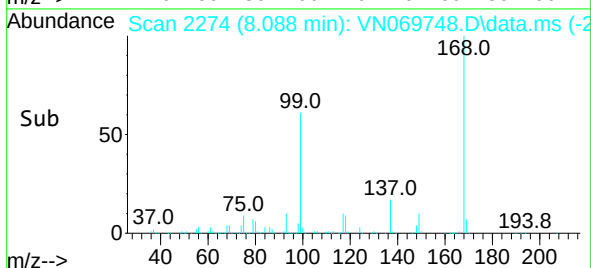
Tgt Ion: 75 Resp: 125053
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.1 24.4 36.6#

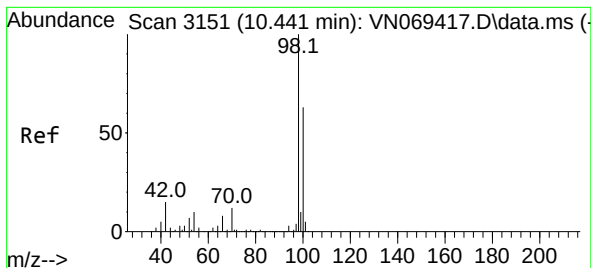


#38
Carbon Tetrachloride
Concen: 6.370 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48



Tgt Ion: 117 Resp: 153381
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 50.846 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069748.D

Acq: 4 Dec 2021 4:48

Instrument :

MSVOA_N

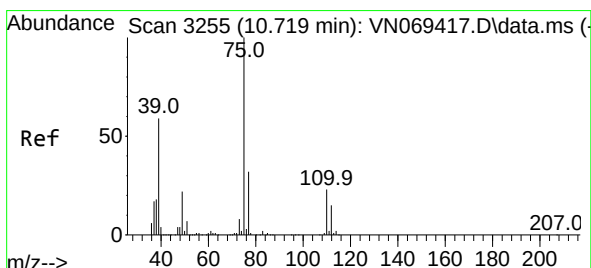
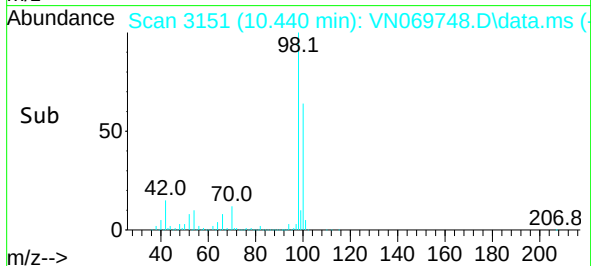
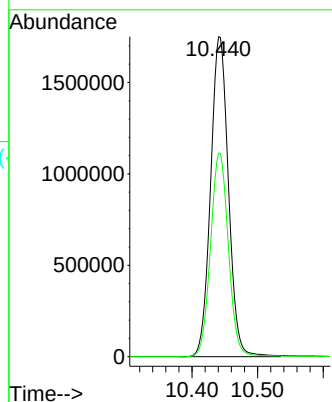
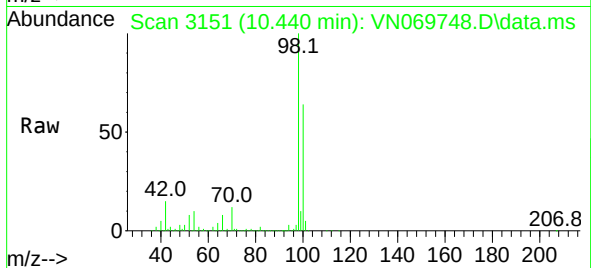
ClientSampleId :

Tgt Ion: 98 Resp: 3298639

Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6



#53

t-1,3-Dichloropropene

Concen: 2.795 ug/l

RT: 10.462 min Scan# 3159

Delta R.T. -0.257 min

Lab File: VN069748.D

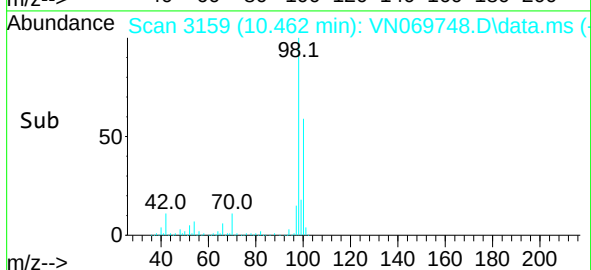
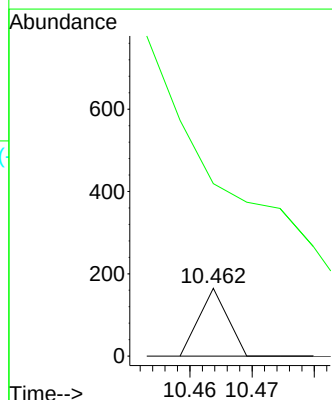
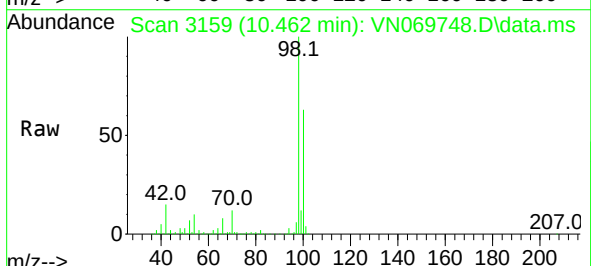
Acq: 4 Dec 2021 4:48

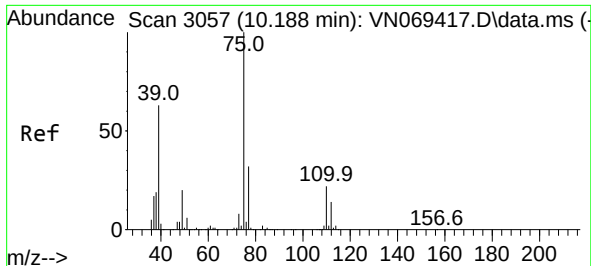
Tgt Ion: 75 Resp: 27

Ion Ratio Lower Upper

75 100

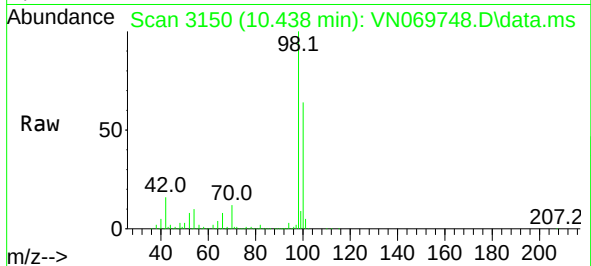
77 36.4 25.6 38.4



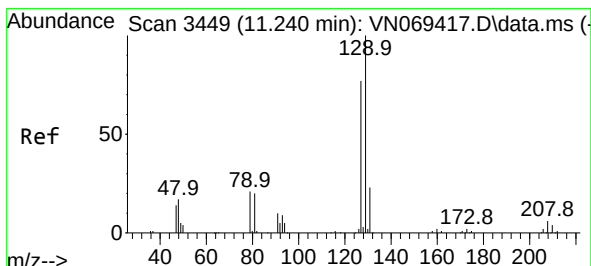
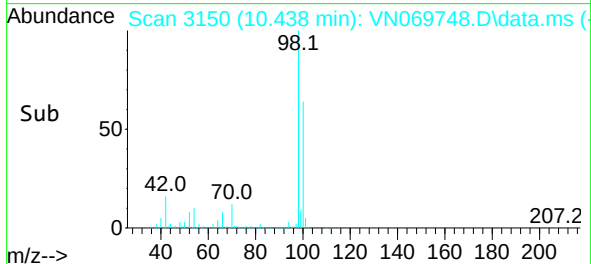
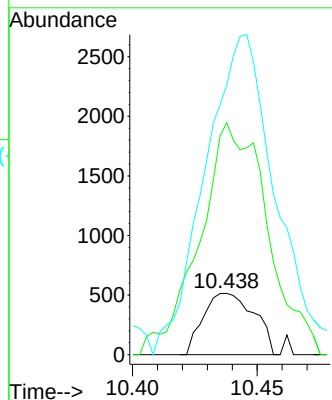


#54
 cis-1,3-Dichloropropene
 Concen: 2.021 ug/l
 RT: 10.438 min Scan# 3150
 Delta R.T. 0.247 min
 Lab File: VN069748.D
 Acq: 4 Dec 2021 4:48

Instrument :
 MSVOA_N
 ClientSampleId :

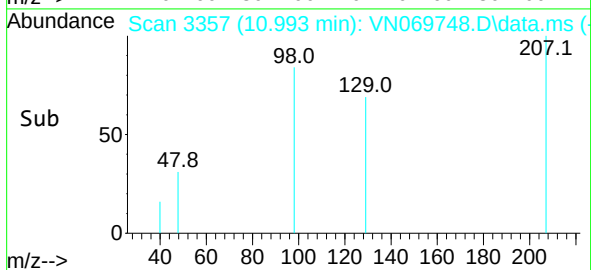
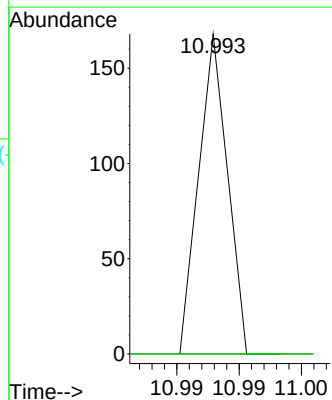
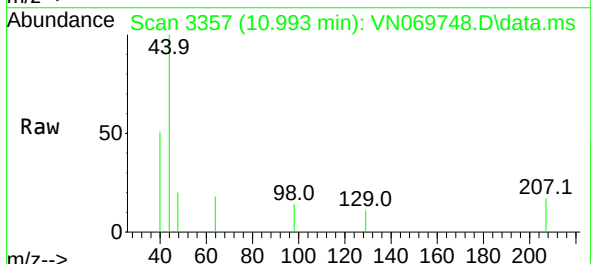


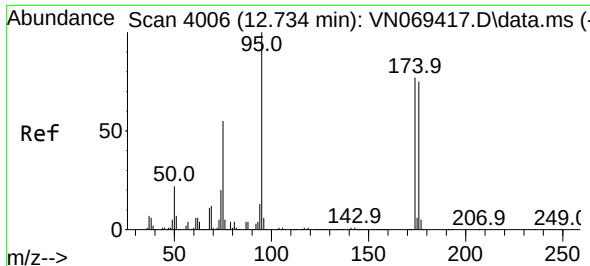
Tgt Ion: 75 Resp: 729
 Ion Ratio Lower Upper
 75 100
 77 273.2 26.4 39.6#
 39 356.4 42.5 63.7#



#60
 Dibromochloromethane
 Concen: 2.378 ug/l
 RT: 10.993 min Scan# 3357
 Delta R.T. -0.247 min
 Lab File: VN069748.D
 Acq: 4 Dec 2021 4:48

Tgt Ion: 129 Resp: 27
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.6 116.0#

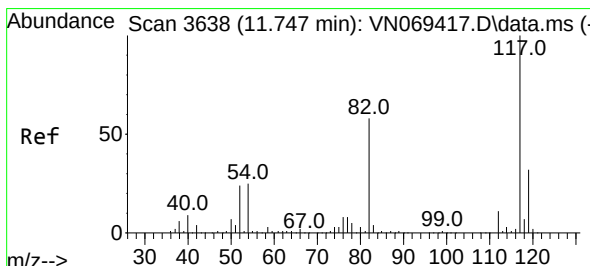
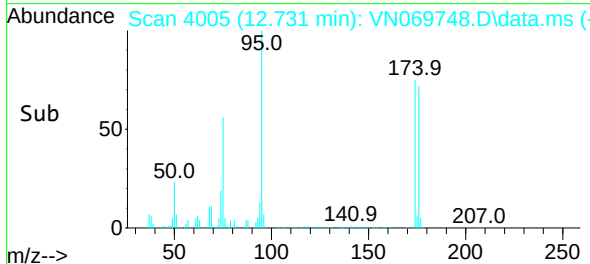
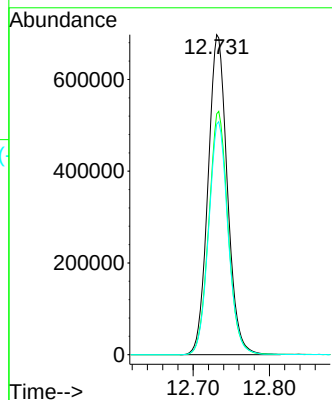
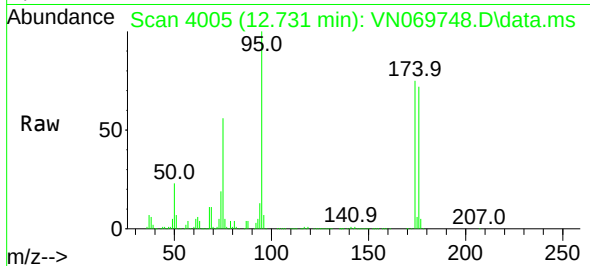




#62
4-Bromofluorobenzene
Concen: 52.122 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48

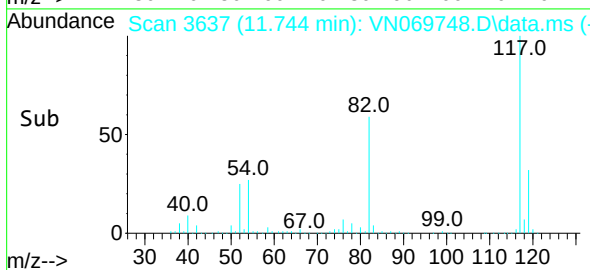
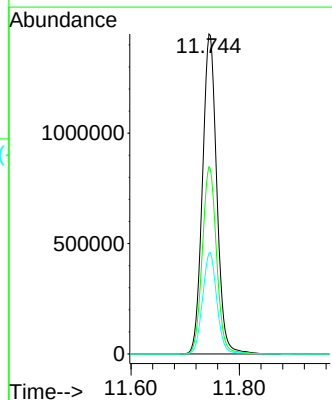
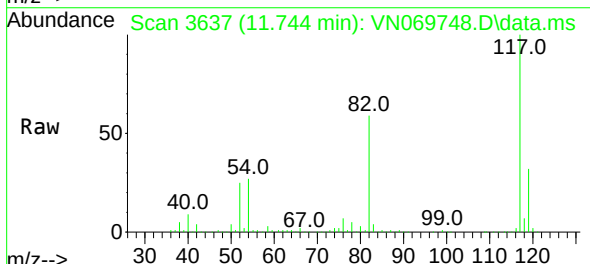
Instrument :
MSVOA_N
ClientSampleId :

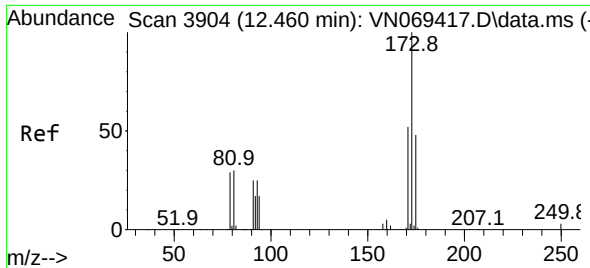
Tgt Ion: 95 Resp: 1225002
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 73.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48

Tgt Ion: 117 Resp: 2655927
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 31.6 25.4 38.2

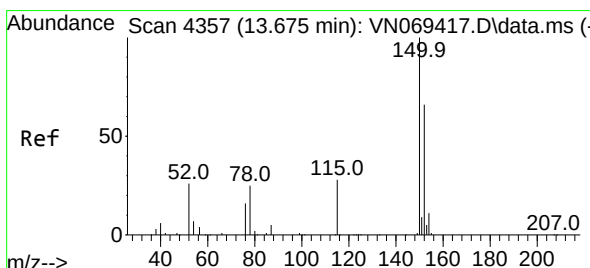
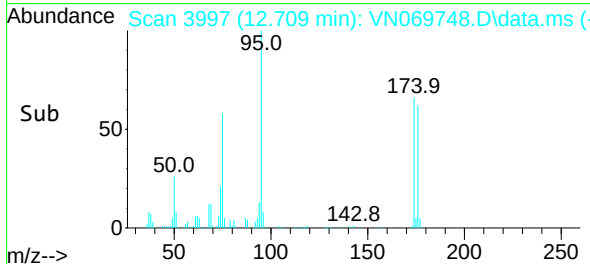
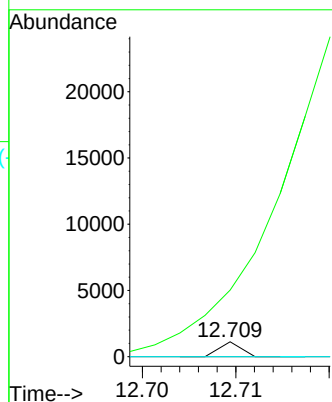
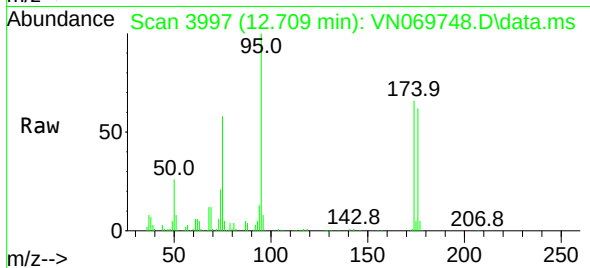




#71
Bromoform
Concen: 2.741 ug/l
RT: 12.709 min Scan# 3904
Delta R.T. 0.249 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48

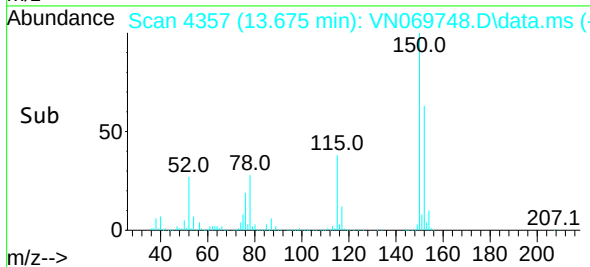
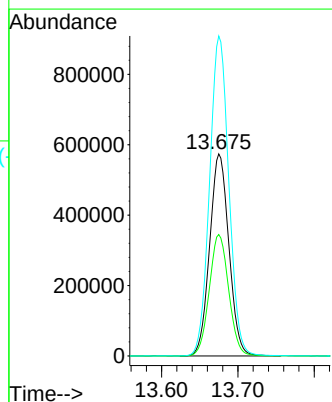
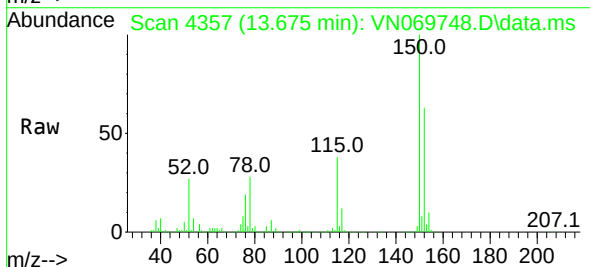
Instrument :
MSVOA_N
ClientSampleId :

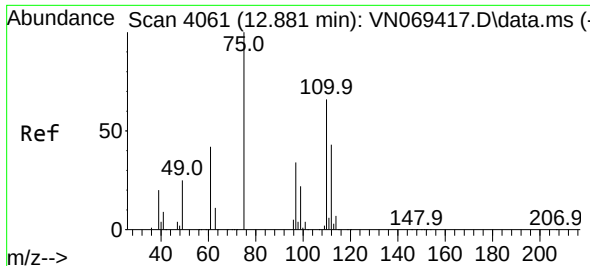
Tgt Ion:173 Resp: 180
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48

Tgt Ion:152 Resp: 1007695
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 157.8 0.0 344.4

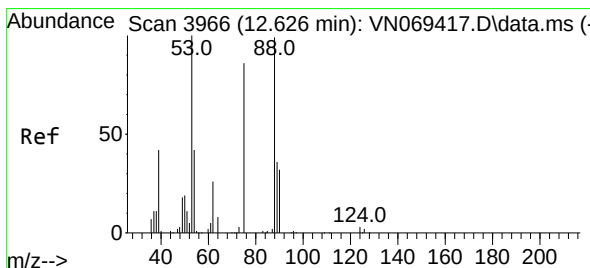
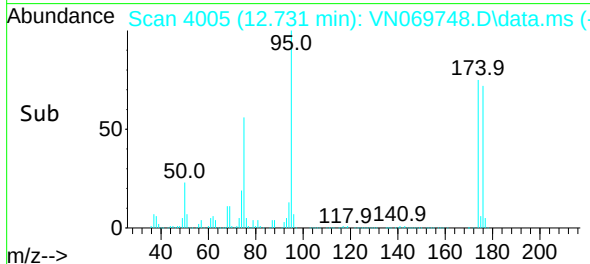
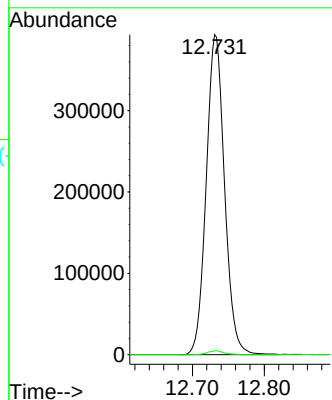
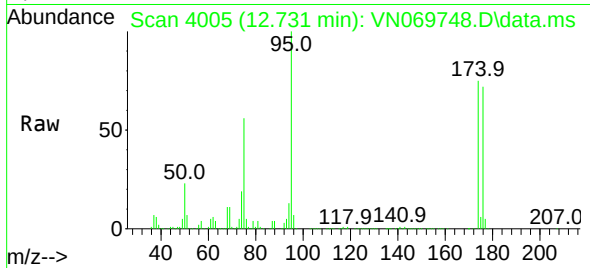




#76
1,2,3-Trichloropropane
Concen: 24.091 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48

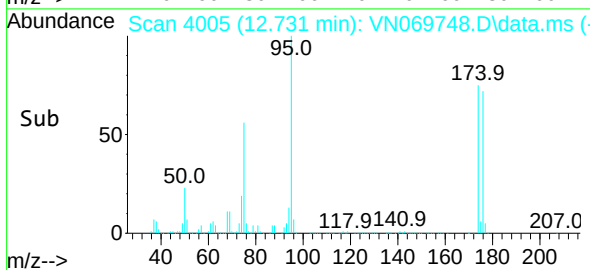
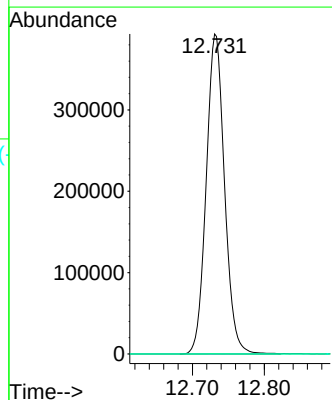
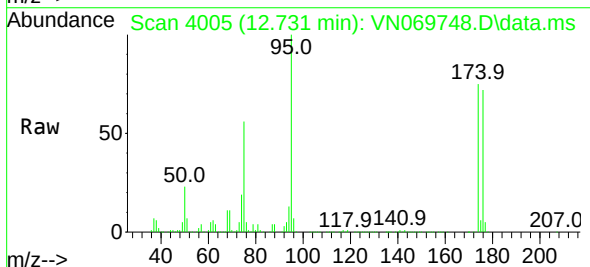
Instrument :
MSVOA_N
ClientSampleId :

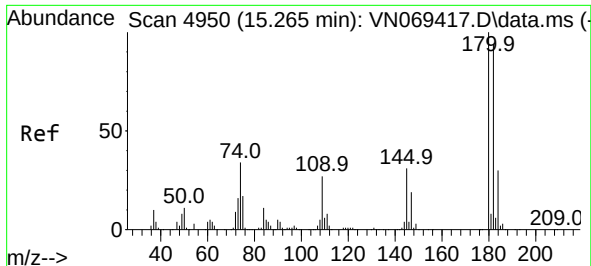
Tgt Ion: 75 Resp: 696202
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.505 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN069748.D
Acq: 4 Dec 2021 4:48

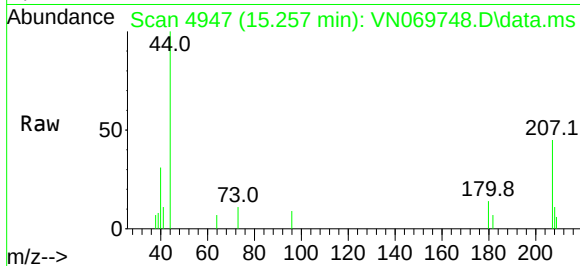
Tgt Ion: 75 Resp: 696202
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



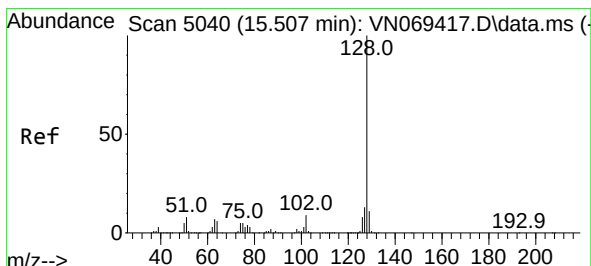
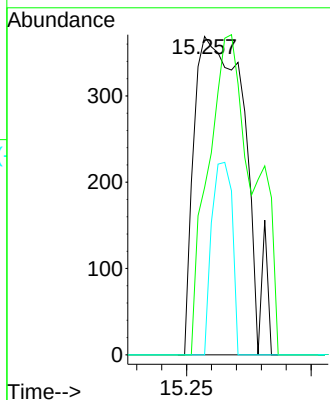
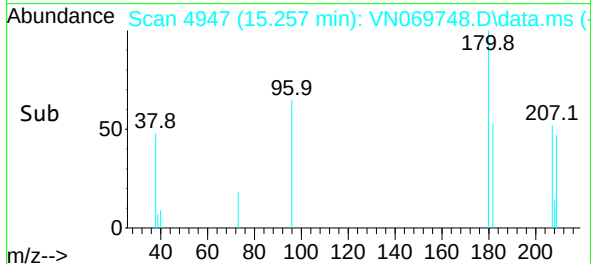


#93
 1,2,4-Trichlorobenzene
 Concen: 2.907 ug/l
 RT: 15.257 min Scan# 4950
 Delta R.T. -0.008 min
 Lab File: VN069748.D
 Acq: 4 Dec 2021 4:48

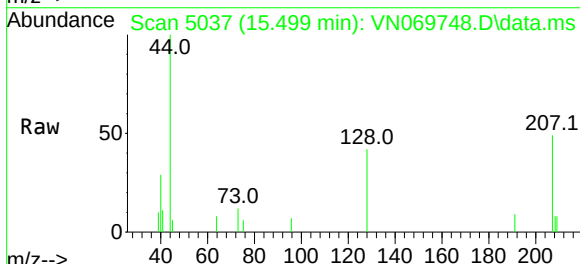
Instrument :
 MSVOA_N
 ClientSampleId :



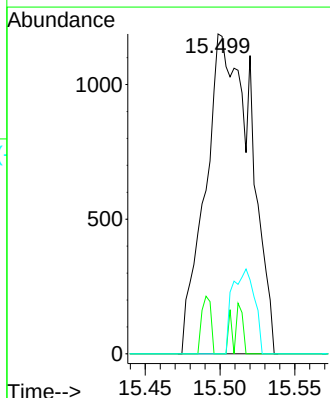
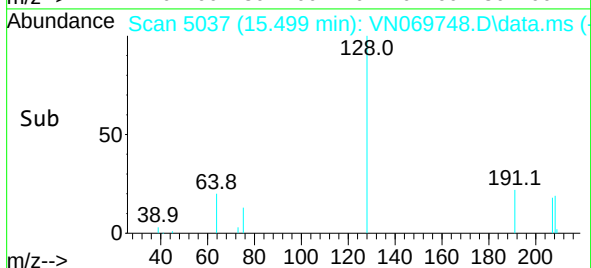
Tgt Ion:180 Resp: 519
 Ion Ratio Lower Upper
 180 100
 182 73.2 48.3 144.9
 145 24.5 14.5 43.5

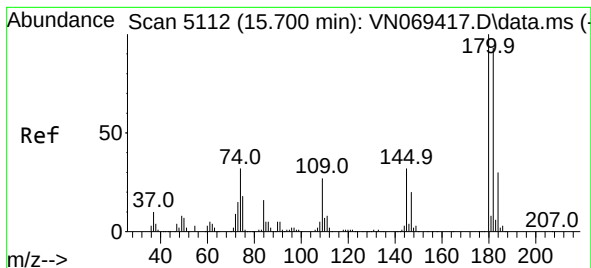


#95
 Naphthalene
 Concen: 4.032 ug/l
 RT: 15.499 min Scan# 5037
 Delta R.T. -0.008 min
 Lab File: VN069748.D
 Acq: 4 Dec 2021 4:48



Tgt Ion:128 Resp: 2512
 Ion Ratio Lower Upper
 128 100
 127 3.7 10.5 15.7#
 129 0.0 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 2.452 ug/l

RT: 15.694 min Scan# 51

Delta R.T. -0.008 min

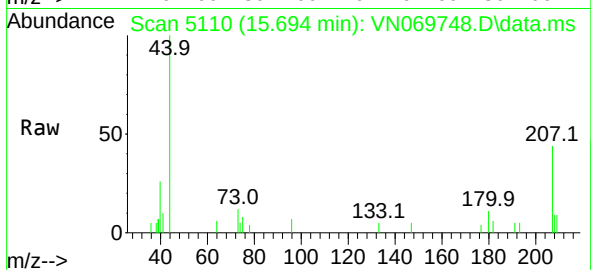
Lab File: VN069748.D

Acq: 4 Dec 2021 4:48

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 279

Ion Ratio Lower Upper

180 100

182 155.2 47.4 142.2#

145 0.0 15.0 45.1#

