

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069548.D
 Acq On : 18 Nov 2021 13:09
 Operator : JC/MD
 Sample : M4740-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR3D-B-290-311-111721

Quant Time: Nov 19 03:17:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

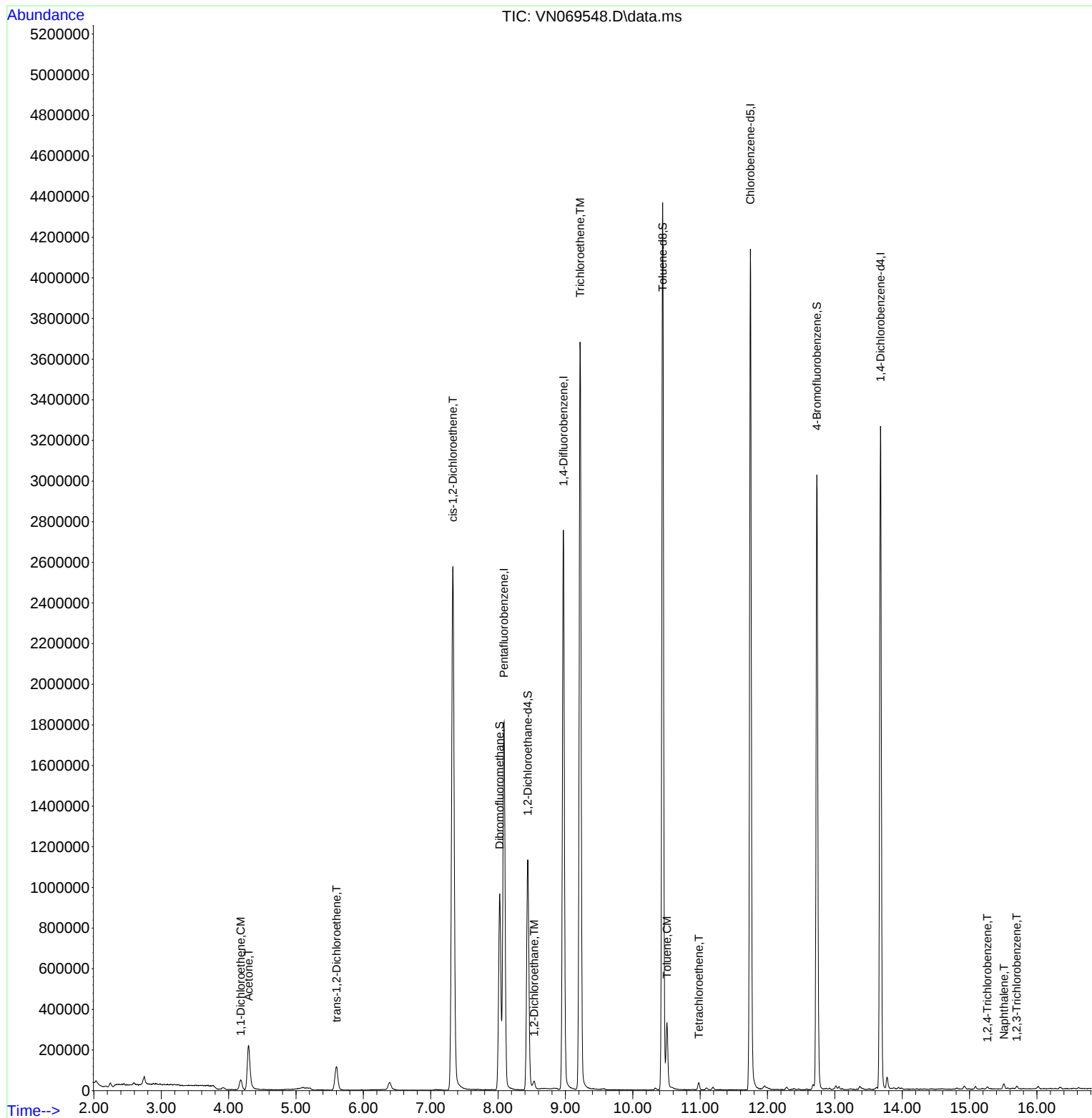
Internal Standards						
1) Pentafluorobenzene	8.088	168	1360090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2345925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2318964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	869664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	989171	50.159	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.320%		
35) Dibromofluoromethane	8.024	113	689080	48.976	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 97.960%		
50) Toluene-d8	10.443	98	2977576	53.809	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 107.620%		
62) 4-Bromofluorobenzene	12.733	95	1039652	51.142	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 102.280%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.181	96	26772	2.429	ug/l	91
16) Acetone	4.296	43	434240	40.812	ug/l	99
21) trans-1,2-Dichloroethene	5.602	96	70936	5.761	ug/l	87
27) cis-1,2-Dichloroethene	7.329	96	1518414	99.483	ug/l	99
42) 1,2-Dichloroethane	8.536	62	32732	1.372	ug/l	99
44) Trichloroethene	9.217	130	1298191	89.027	ug/l	93
52) Toluene	10.507	92	127298	3.354	ug/l	99
64) Tetrachloroethene	10.982	164	7665	0.547	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	3550	3.357	ug/l #	56
95) Naphthalene	15.509	128	22542	4.983	ug/l	98
96) 1,2,3-Trichlorobenzene	15.700	180	3799	3.441	ug/l	77

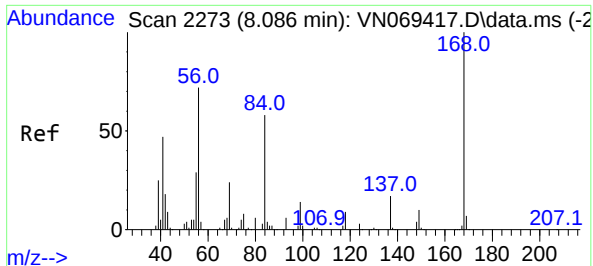
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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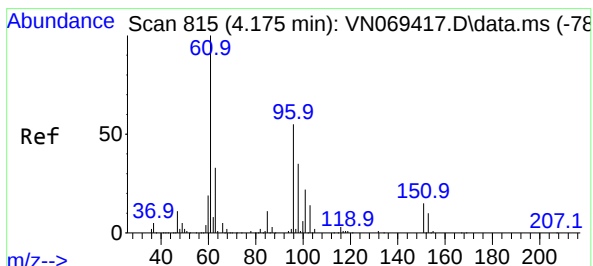
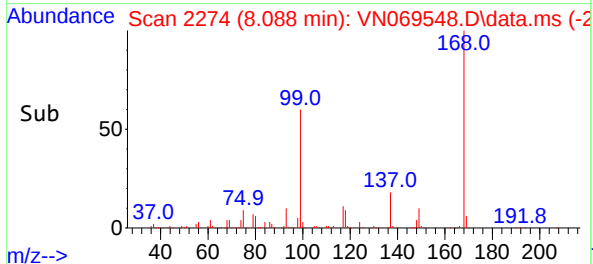
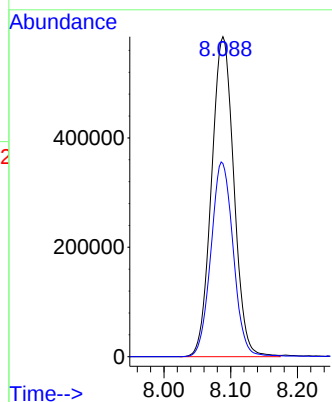
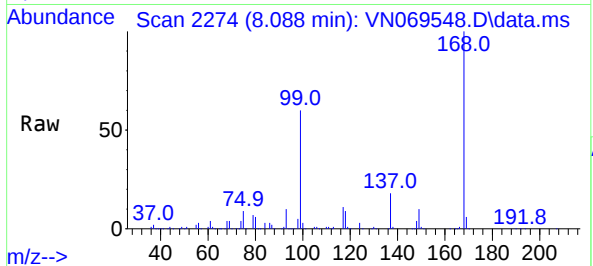




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

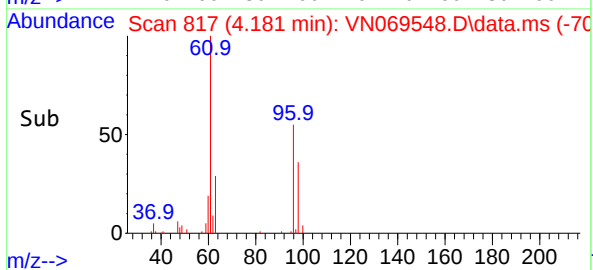
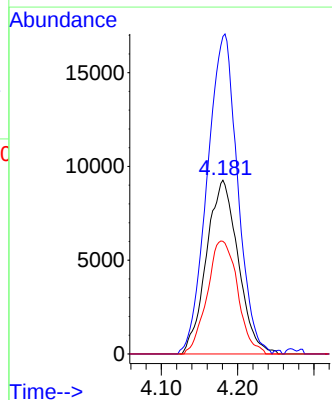
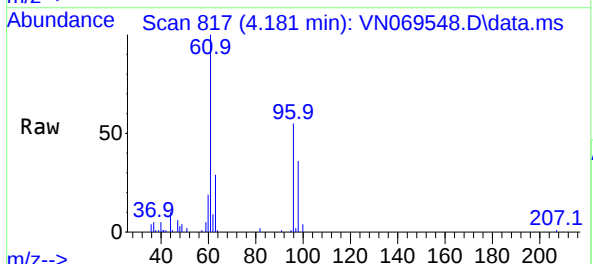
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721

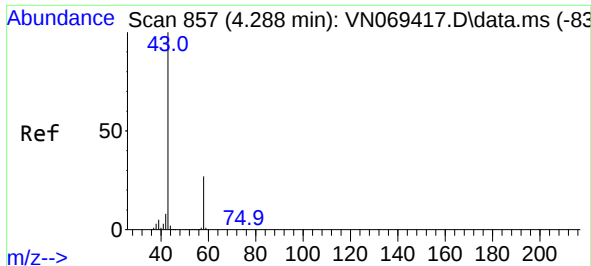
Tgt Ion:168 Resp: 1360090
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#12
1,1-Dichloroethene
Concen: 2.429 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

Tgt Ion: 96 Resp: 26772
Ion Ratio Lower Upper
96 100
61 180.6 131.0 196.6
98 64.9 52.4 78.6

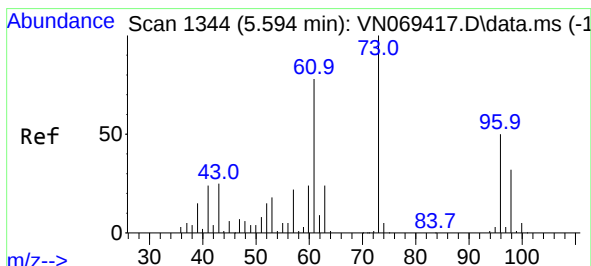
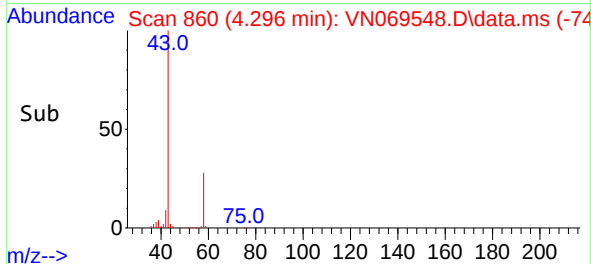
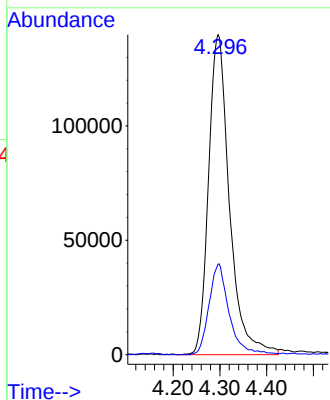
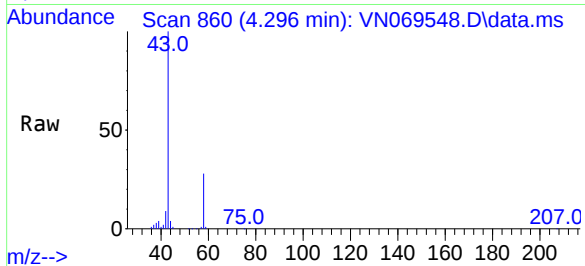




#16
Acetone
Concen: 40.812 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.008 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

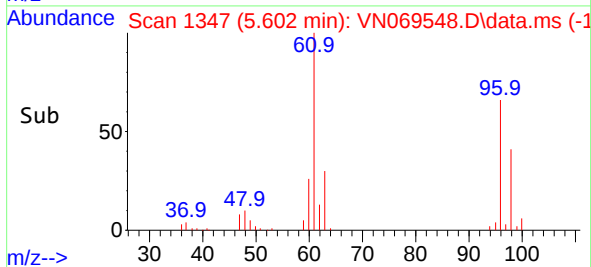
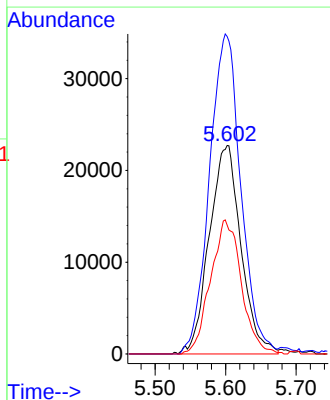
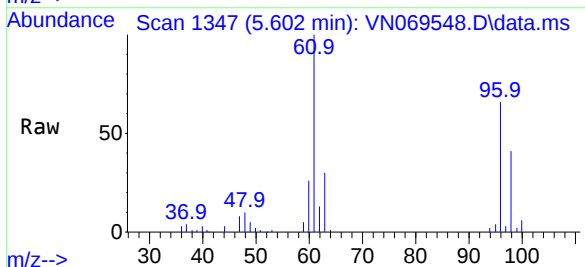
Instrument :
MSVOA_N
ClientSampleId :
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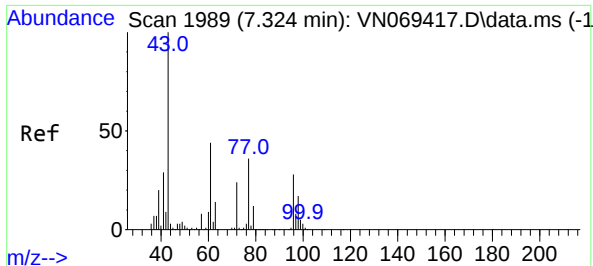
Tgt Ion: 43 Resp: 434240
Ion Ratio Lower Upper
43 100
58 28.3 23.1 34.7



#21
trans-1,2-Dichloroethene
Concen: 5.761 ug/l
RT: 5.602 min Scan# 1347
Delta R.T. 0.008 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

Tgt Ion: 96 Resp: 70936
Ion Ratio Lower Upper
96 100
61 152.2 105.8 158.6
98 61.8 52.0 78.0



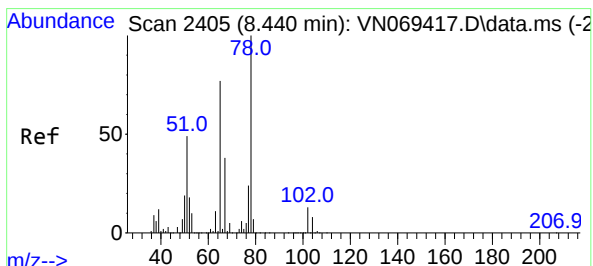
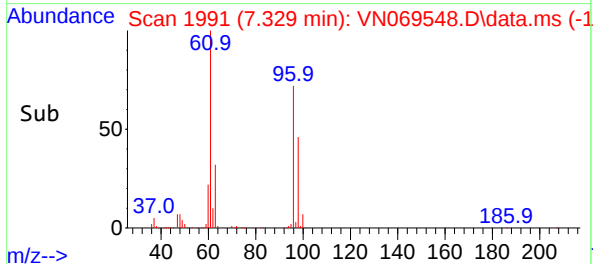
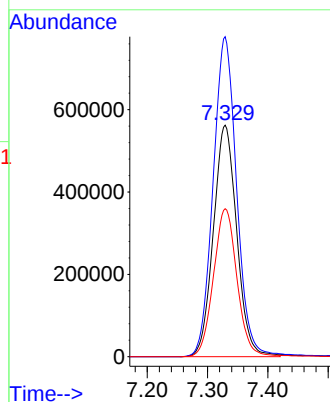
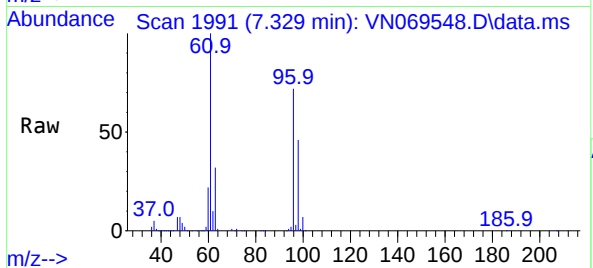


#27
 cis-1,2-Dichloroethene
 Concen: 99.483 ug/l
 RT: 7.329 min Scan# 1989
 Delta R.T. 0.005 min
 Lab File: VN069548.D
 Acq: 18 Nov 2021 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR3D-B-290-311-111721

Tgt Ion: 96 Resp: 1518414

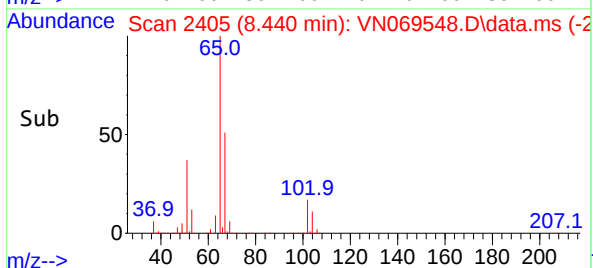
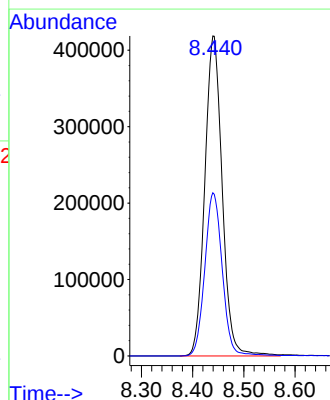
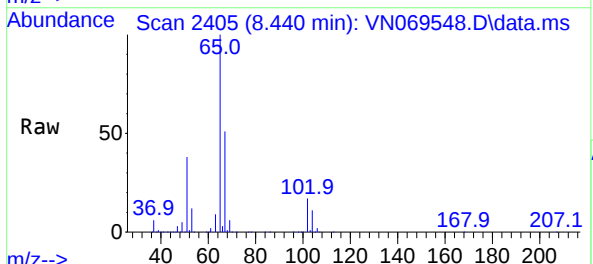
Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	275.0
98	64.2	0.0	129.6

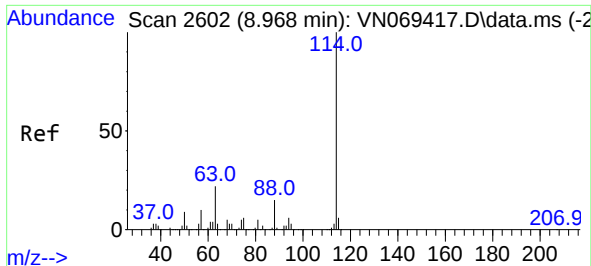


#33
 1,2-Dichloroethane-d4
 Concen: 50.159 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069548.D
 Acq: 18 Nov 2021 13:09

Tgt Ion: 65 Resp: 989171

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.0

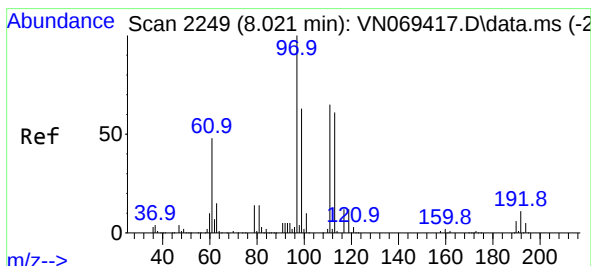
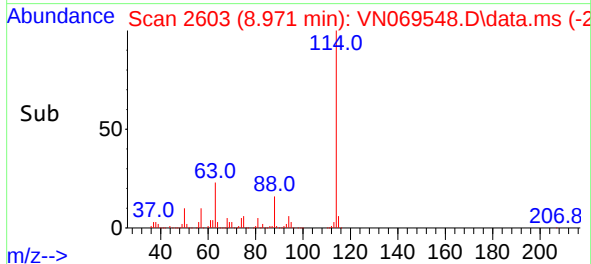
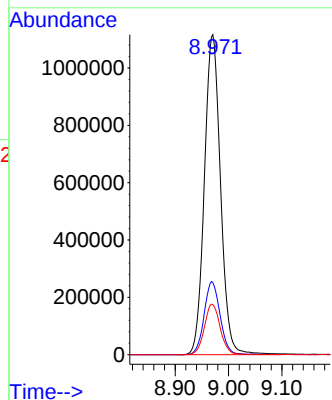
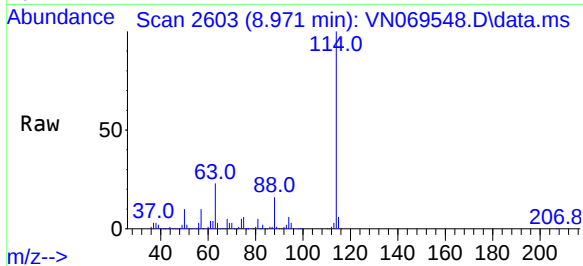




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2
Delta R.T. 0.003 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

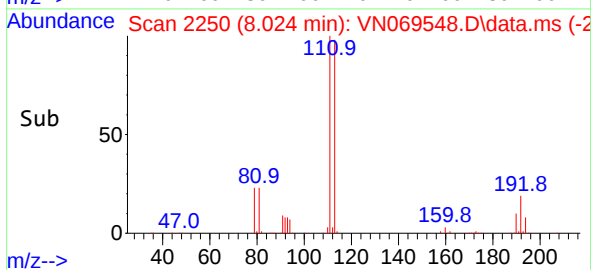
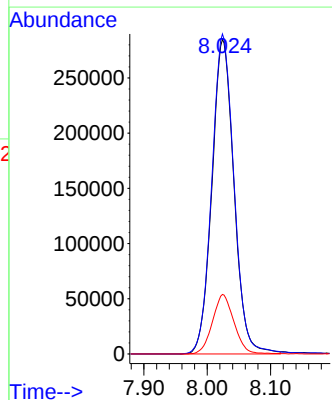
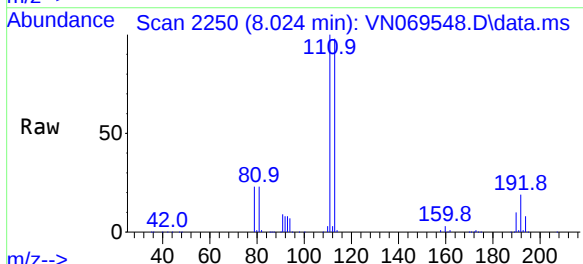
Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721

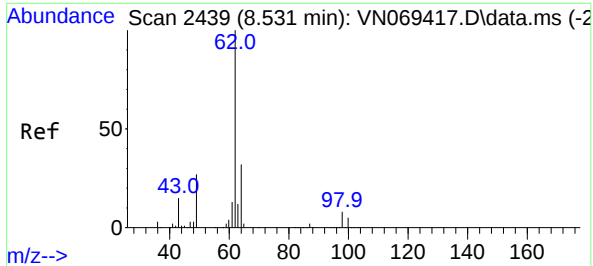
Tgt Ion:114 Resp: 2345925
Ion Ratio Lower Upper
114 100
63 22.6 0.0 37.8
88 15.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.976 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

Tgt Ion:113 Resp: 689080
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.4 16.9 25.3

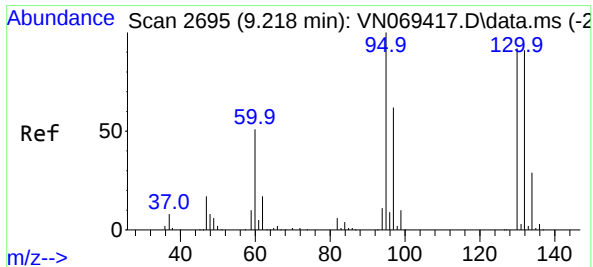
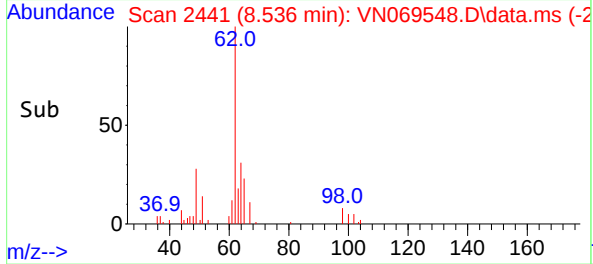
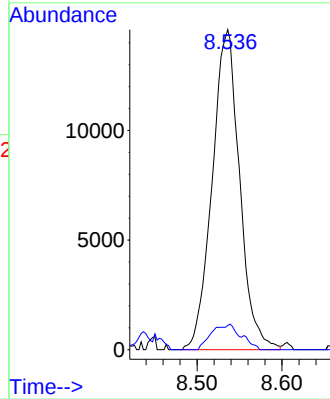
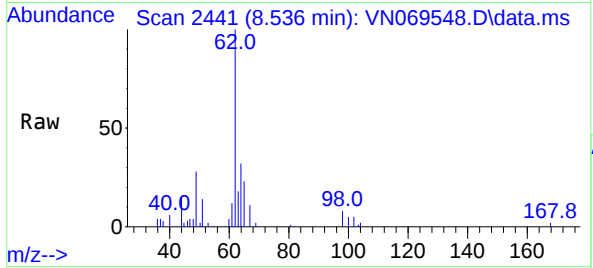




#42
1,2-Dichloroethane
Concen: 1.372 ug/l
RT: 8.536 min Scan# 2439
Delta R.T. 0.005 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

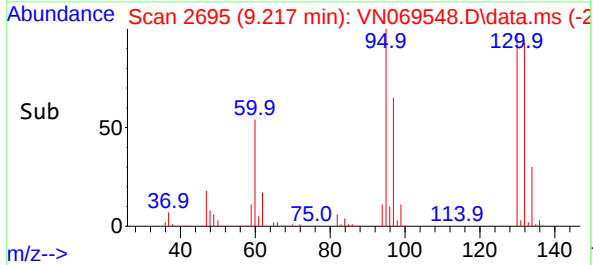
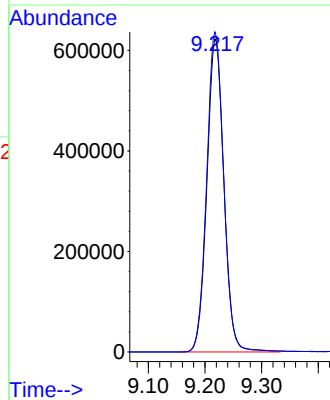
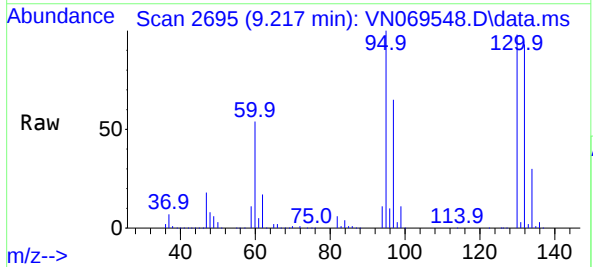
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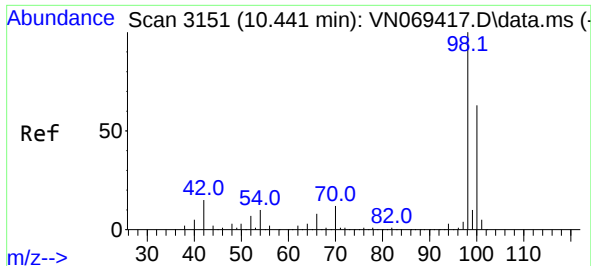
Tgt Ion: 62 Resp: 32732
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6



#44
Trichloroethene
Concen: 89.027 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

Tgt Ion:130 Resp: 1298191
Ion Ratio Lower Upper
130 100
95 102.2 0.0 191.2

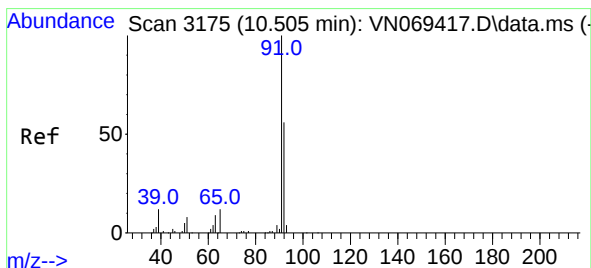
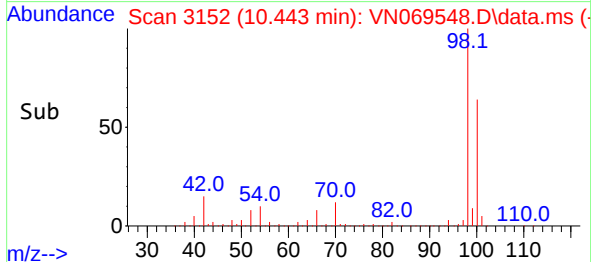
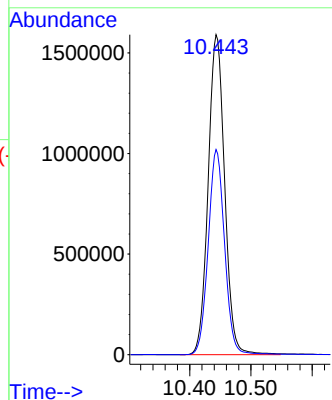
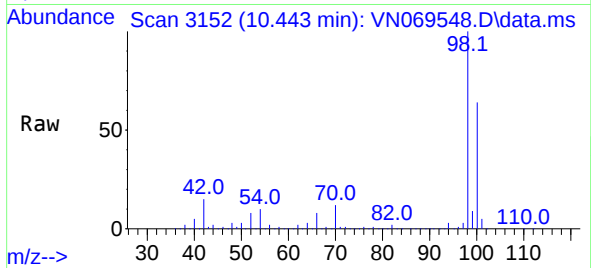




#50
Toluene-d8
Concen: 53.809 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

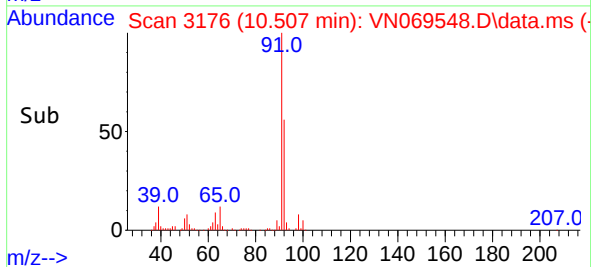
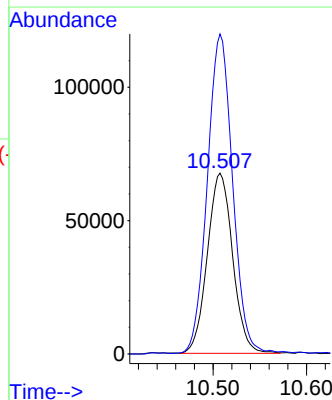
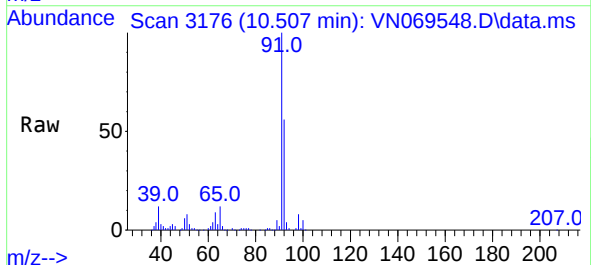
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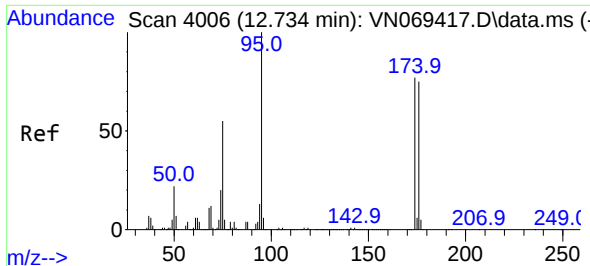
Tgt Ion: 98 Resp: 2977576
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#52
Toluene
Concen: 3.354 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

Tgt Ion: 92 Resp: 127298
Ion Ratio Lower Upper
92 100
91 176.1 142.0 213.0

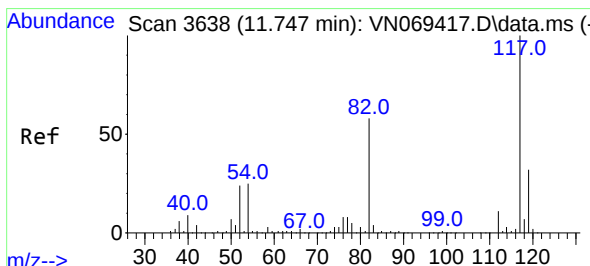
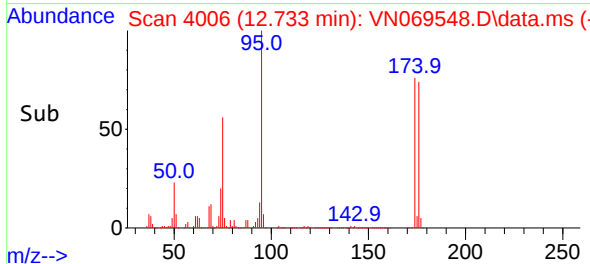
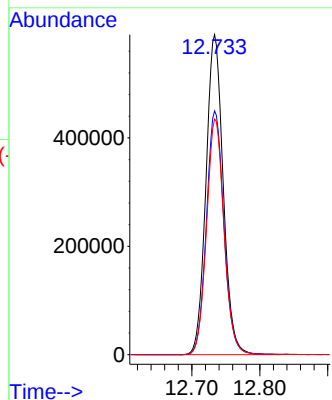
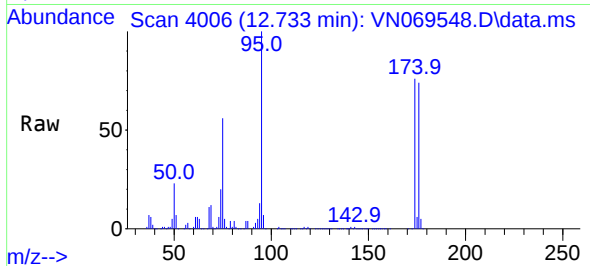




#62
4-Bromofluorobenzene
Concen: 51.142 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

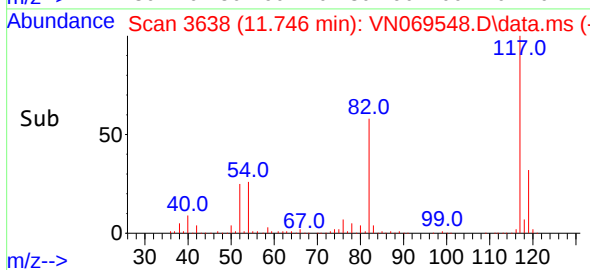
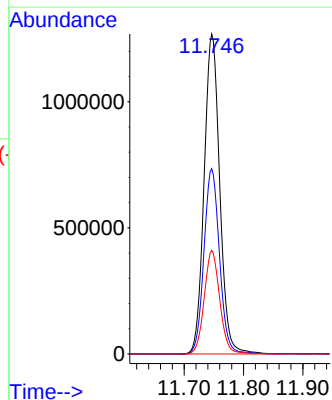
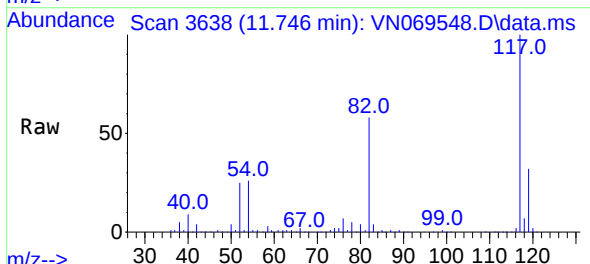
Instrument :
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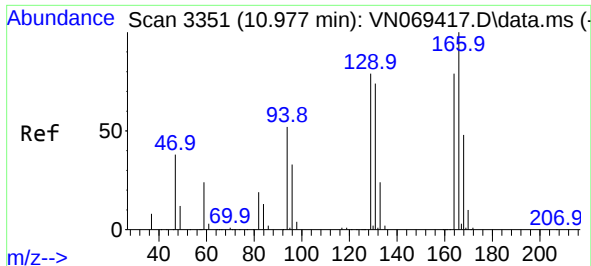
Tgt Ion: 95 Resp: 1039652
Ion Ratio Lower Upper
95 100
174 77.4 0.0 187.2
176 74.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

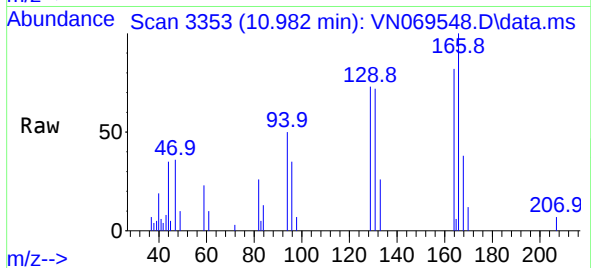
Tgt Ion: 117 Resp: 2318964
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 32.4 25.4 38.2



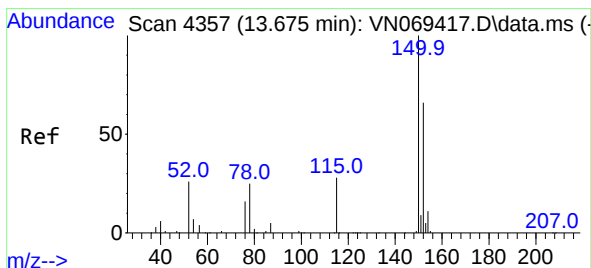
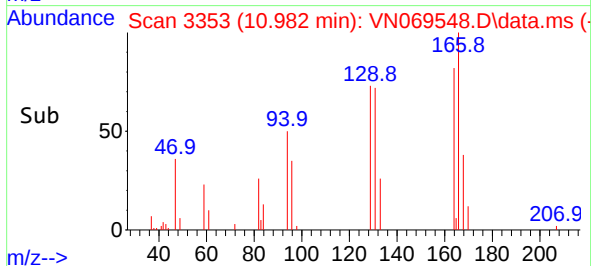
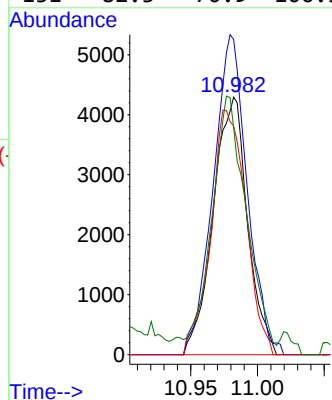


#64
Tetrachloroethene
Concen: 0.547 ug/l
RT: 10.982 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721

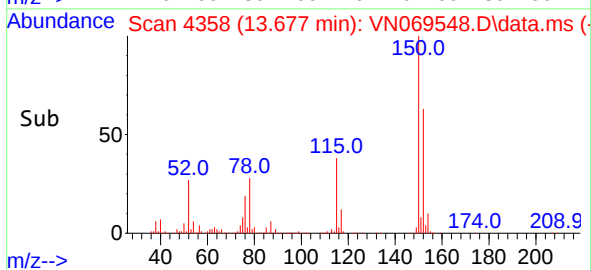
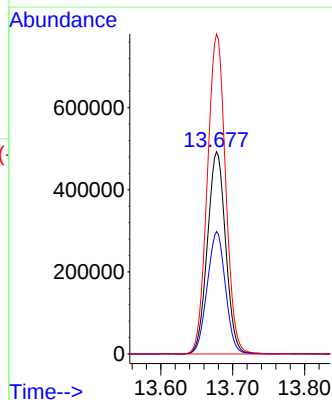
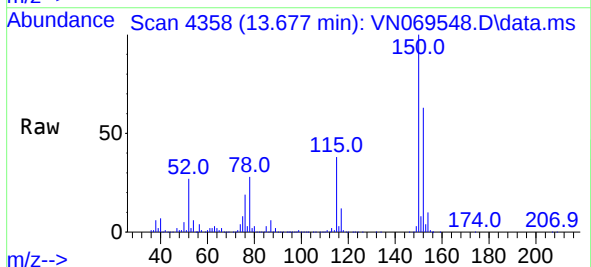


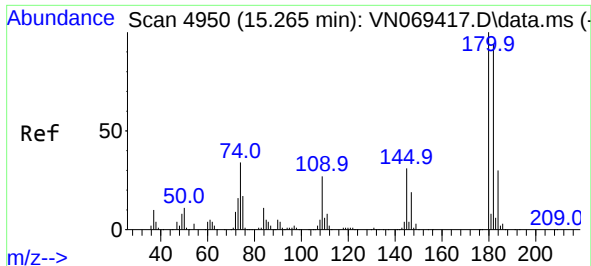
Tgt Ion:164 Resp: 7665
Ion Ratio Lower Upper
164 100
166 122.3 101.9 152.9
129 88.8 72.0 108.0
131 82.3 70.9 106.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

Tgt Ion:152 Resp: 869664
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 158.2 0.0 344.4

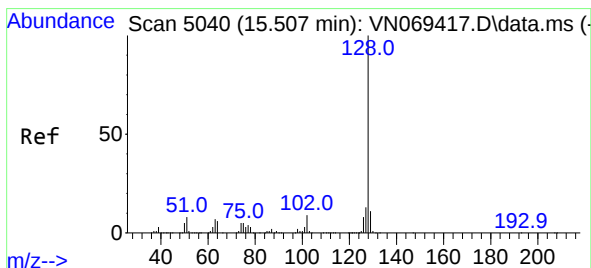
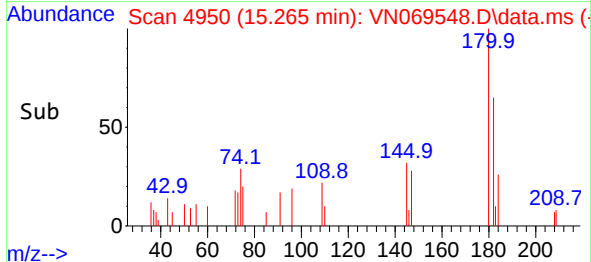
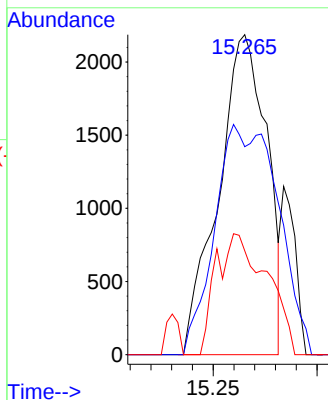
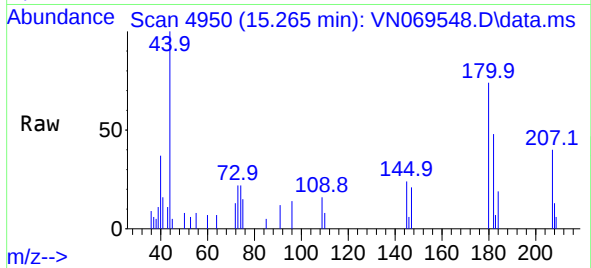




#93
1,2,4-Trichlorobenzene
Concen: 3.357 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

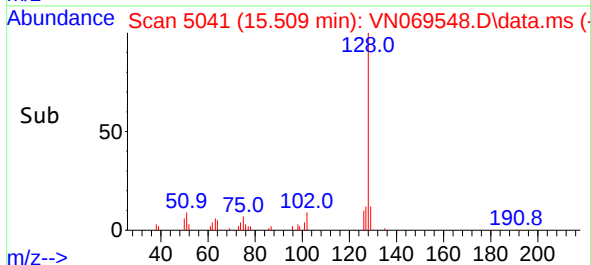
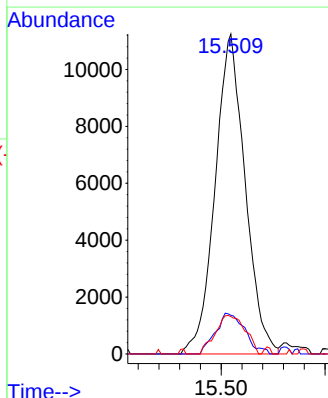
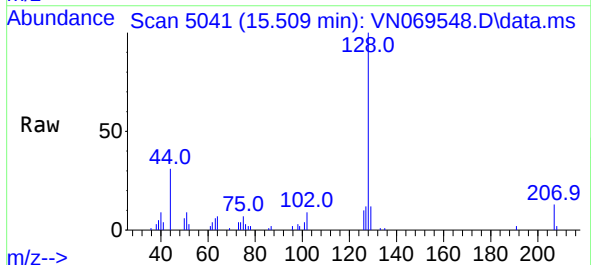
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721

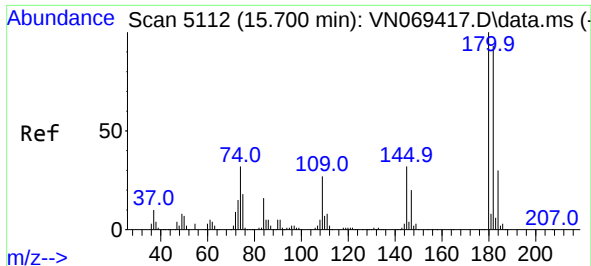
Tgt Ion:180 Resp: 3550
Ion Ratio Lower Upper
180 100
182 46.1 48.3 144.9#
145 39.6 14.5 43.5



#95
Naphthalene
Concen: 4.983 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069548.D
Acq: 18 Nov 2021 13:09

Tgt Ion:128 Resp: 22542
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 12.0 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 3.441 ug/l

RT: 15.700 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN069548.D

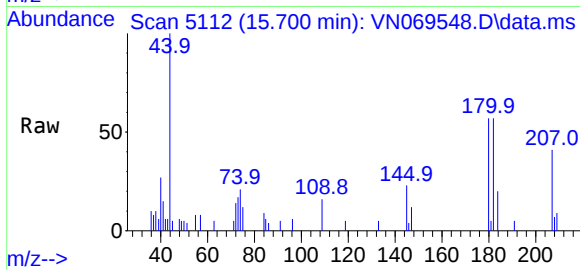
Acq: 18 Nov 2021 13:09

Instrument :

MSVOA_N

ClientSampleId :

GWBR3D-B-290-311-111721



Tgt Ion:180 Resp: 3799

Ion Ratio Lower Upper

180 100

182 118.5 47.4 142.2

145 39.1 15.0 45.1

