

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069549.D
 Acq On : 18 Nov 2021 13:35
 Operator : JC/MD
 Sample : M4740-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 19 03:17:52 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)

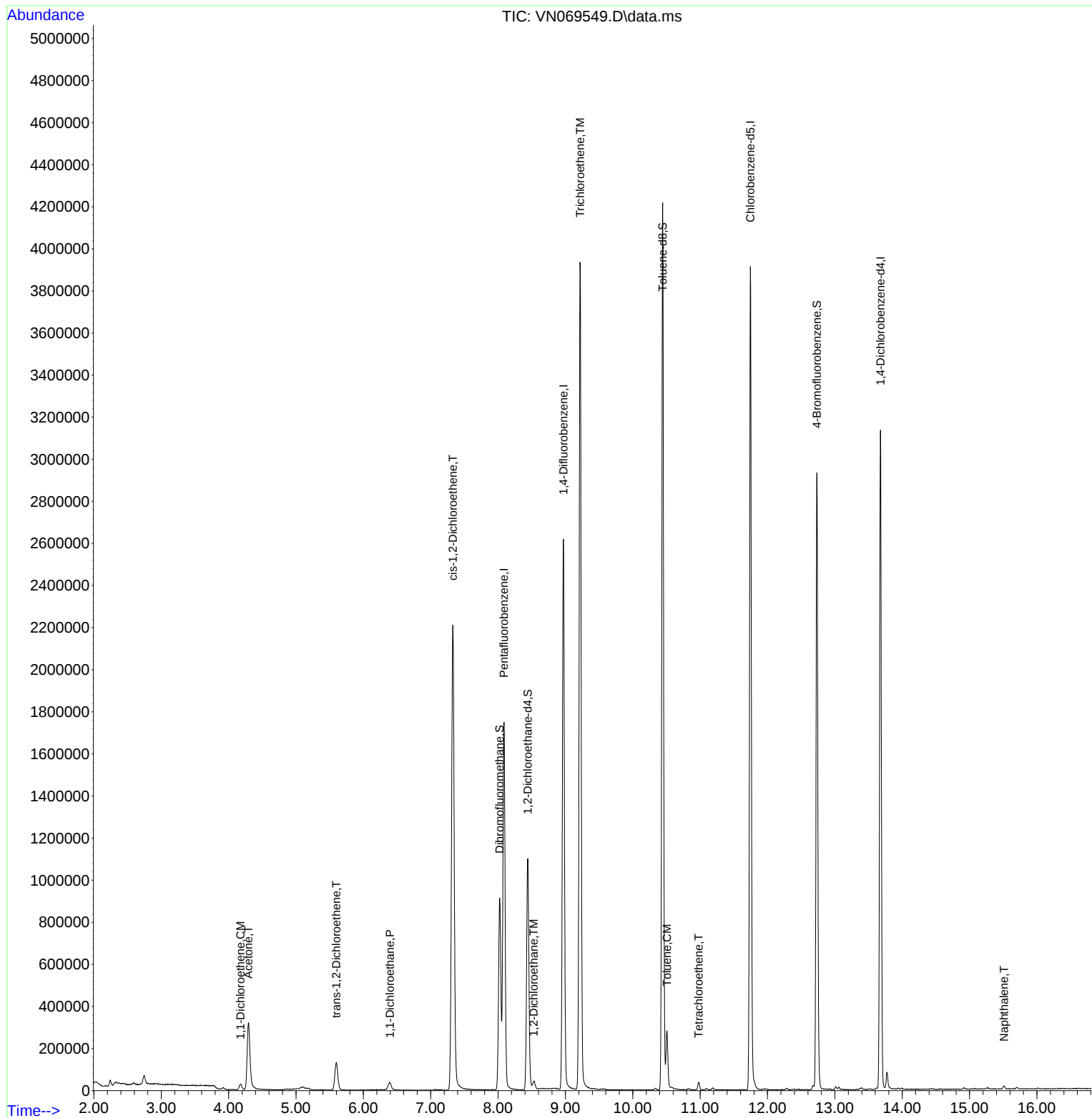
Internal Standards						
1) Pentafluorobenzene	8.088	168	1301292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2231691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2231665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	836792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	959270	50.841	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.680%	
35) Dibromofluoromethane	8.024	113	662846	49.523	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.040%	
50) Toluene-d8	10.443	98	2836502	53.883	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.760%	
62) 4-Bromofluorobenzene	12.734	95	1007873	52.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.240%	
Target Compounds						
12) 1,1-Dichloroethene	4.175	96	14413	1.367	ug/l	98
16) Acetone	4.293	43	635828	62.458	ug/l	94
21) trans-1,2-Dichloroethene	5.599	96	80931	6.870	ug/l	92
24) 1,1-Dichloroethane	6.396	63	50138	1.960	ug/l #	94
27) cis-1,2-Dichloroethene	7.329	96	1321190	90.473	ug/l	98
42) 1,2-Dichloroethane	8.531	62	30468	1.342	ug/l	99
44) Trichloroethene	9.217	130	1369316	98.711	ug/l	92
52) Toluene	10.508	92	104558	2.896	ug/l	98
64) Tetrachloroethene	10.977	164	7728	0.574	ug/l	92
95) Naphthalene	15.512	128	12626	4.761	ug/l	95

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

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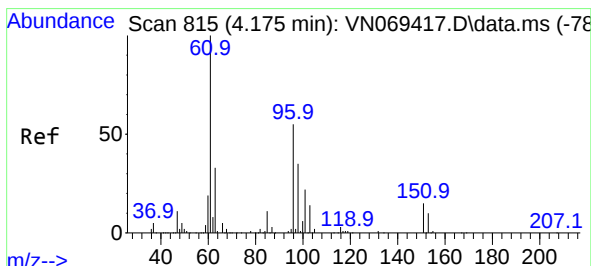
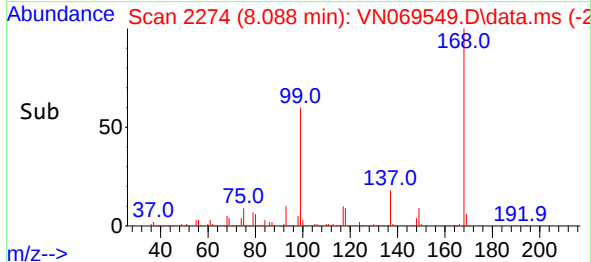
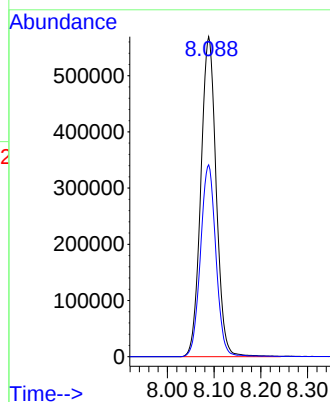
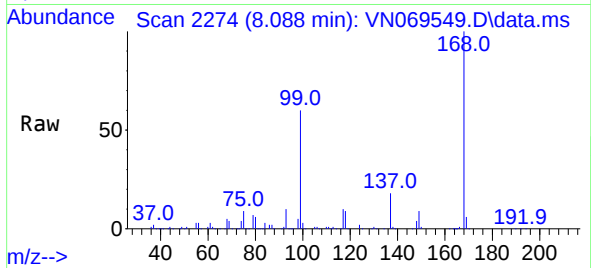




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

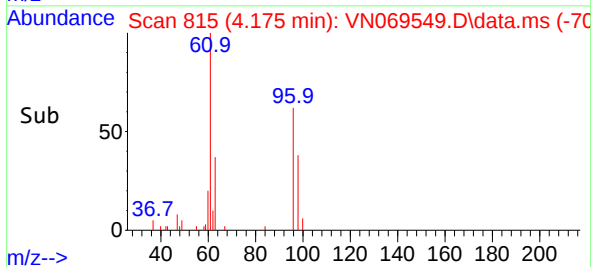
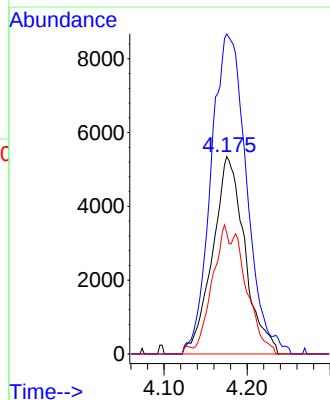
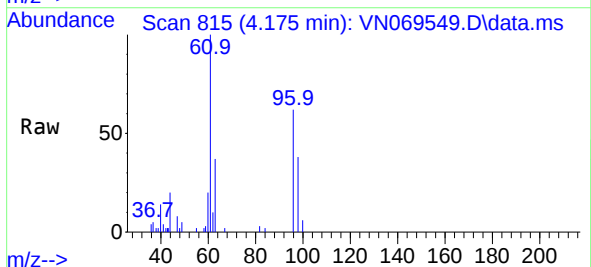
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

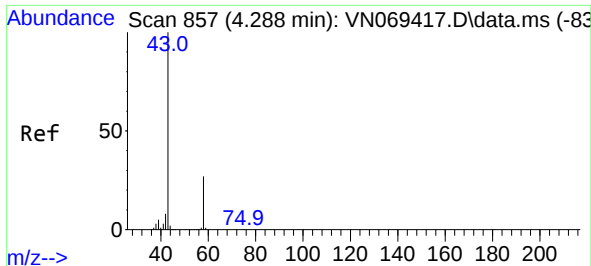
Tgt Ion:168 Resp: 1301292
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9



#12
1,1-Dichloroethene
Concen: 1.367 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

Tgt Ion: 96 Resp: 14413
Ion Ratio Lower Upper
96 100
61 162.2 131.0 196.6
98 61.3 52.4 78.6

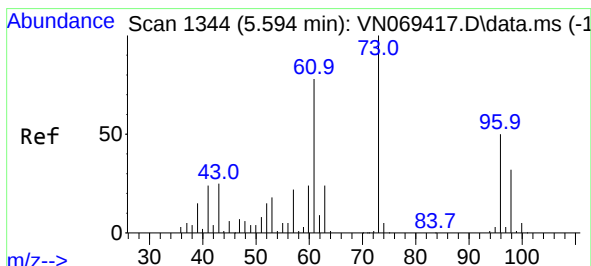
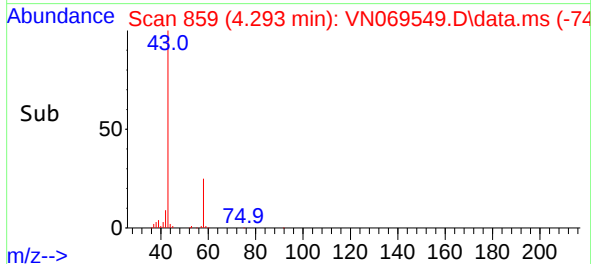
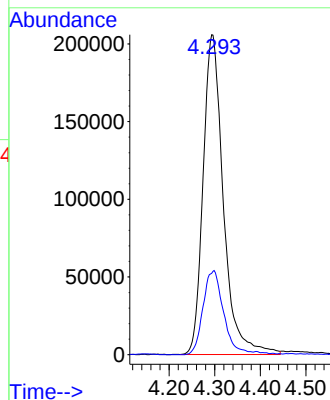
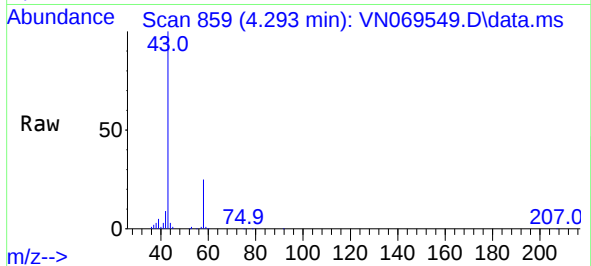




#16
Acetone
Concen: 62.458 ug/l
RT: 4.293 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

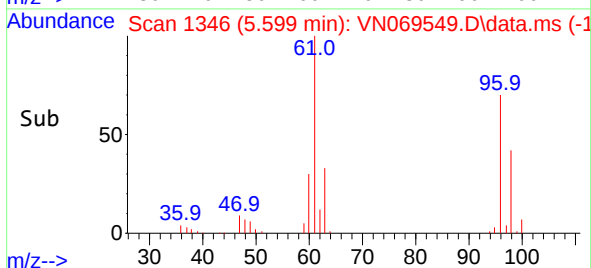
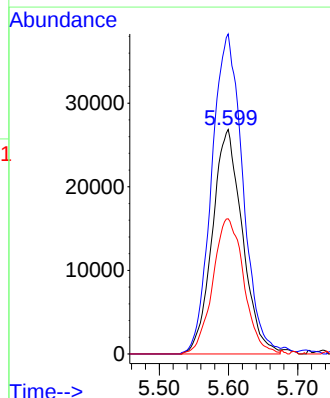
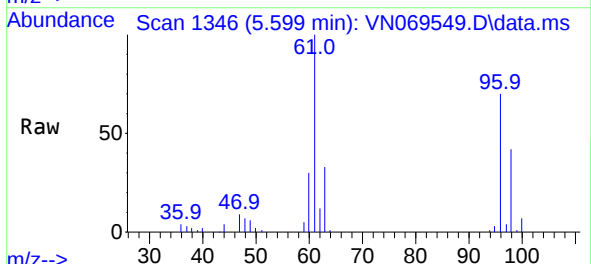
Instrument :
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ClientSampleId :
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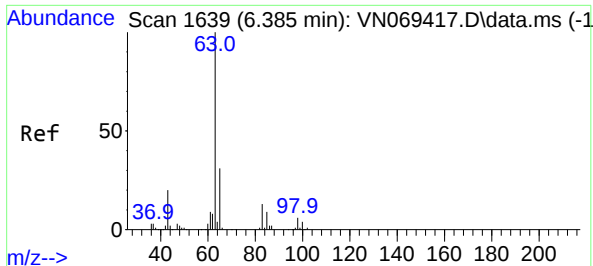
Tgt Ion: 43 Resp: 635828
Ion Ratio Lower Upper
43 100
58 25.5 23.1 34.7



#21
trans-1,2-Dichloroethene
Concen: 6.870 ug/l
RT: 5.599 min Scan# 1346
Delta R.T. 0.005 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

Tgt Ion: 96 Resp: 80931
Ion Ratio Lower Upper
96 100
61 142.6 105.8 158.6
98 60.2 52.0 78.0

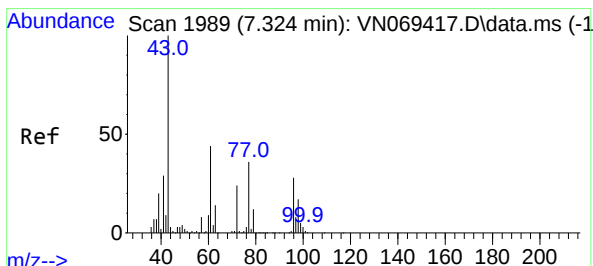
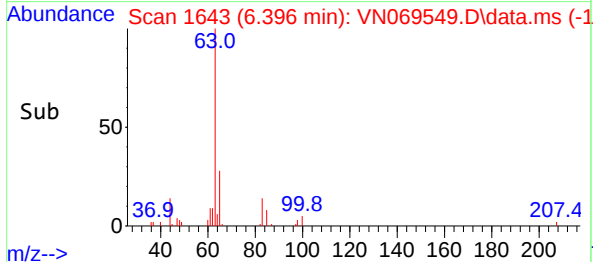
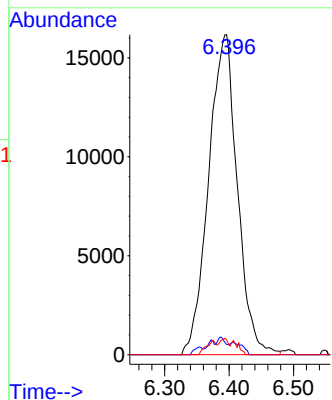
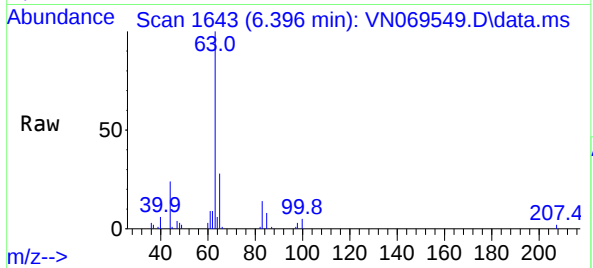




#24
1,1-Dichloroethane
Concen: 1.960 ug/l
RT: 6.396 min Scan# 10
Delta R.T. 0.011 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

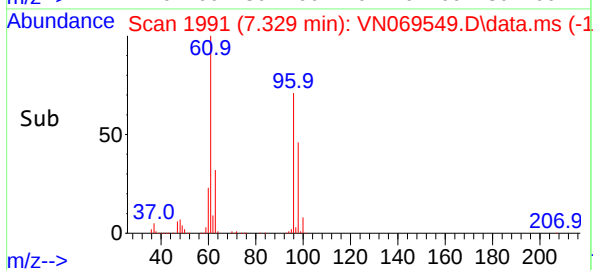
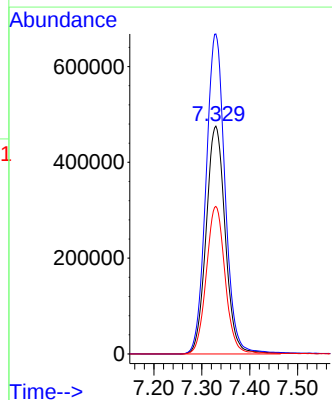
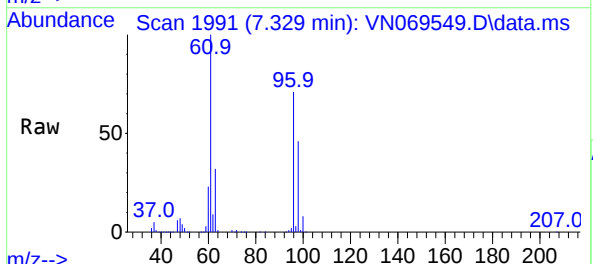
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

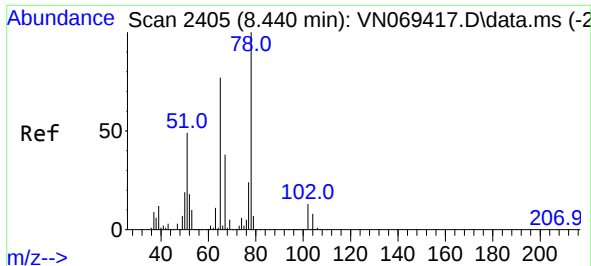
Tgt Ion:	63	Resp:	50138
Ion	Ratio	Lower	Upper
63	100		
98	3.2	3.3	9.9#
100	4.7	2.1	6.5



#27
cis-1,2-Dichloroethene
Concen: 90.473 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.005 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

Tgt Ion:	96	Resp:	1321190
Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	275.0
98	63.4	0.0	129.6





#33

1,2-Dichloroethane-d4

Concen: 50.841 ug/l

RT: 8.440 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN069549.D

Acq: 18 Nov 2021 13:35

Instrument :

MSVOA_N

ClientSampleId :

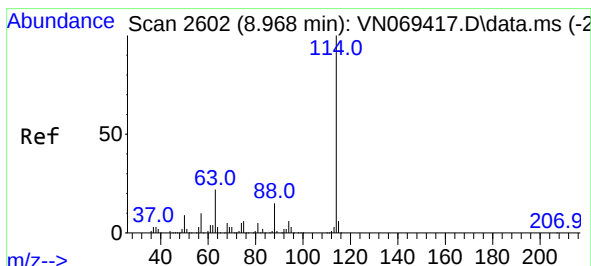
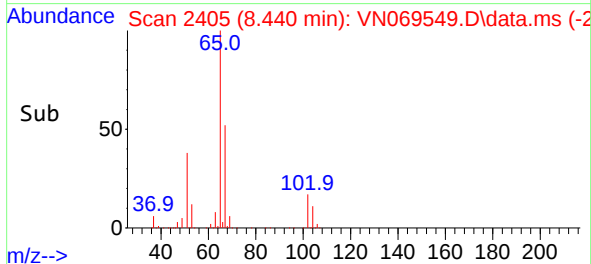
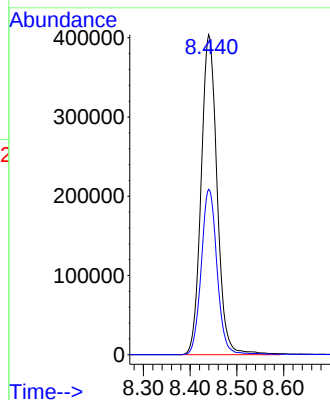
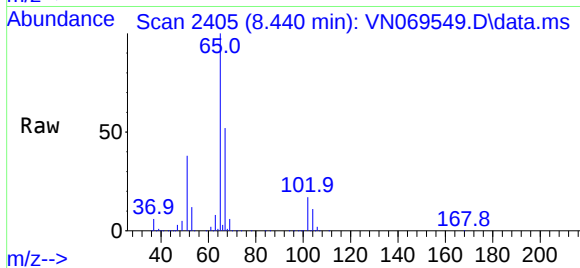
GWBR3D-B-290-311-111721-FD

Tgt Ion: 65 Resp: 959270

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# 2603

Delta R.T. 0.003 min

Lab File: VN069549.D

Acq: 18 Nov 2021 13:35

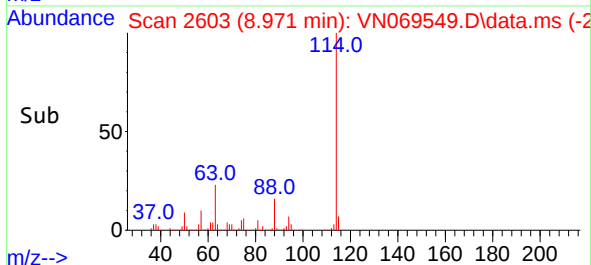
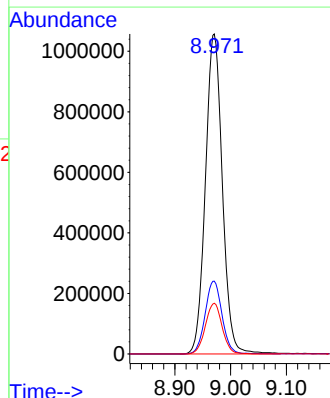
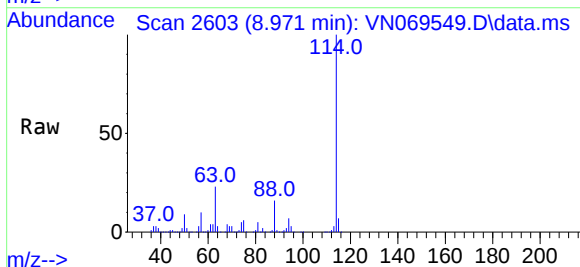
Tgt Ion: 114 Resp: 2231691

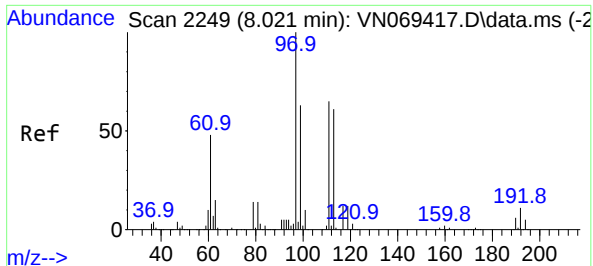
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

88 15.9 0.0 27.4

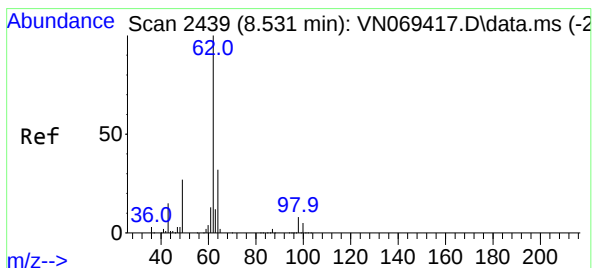
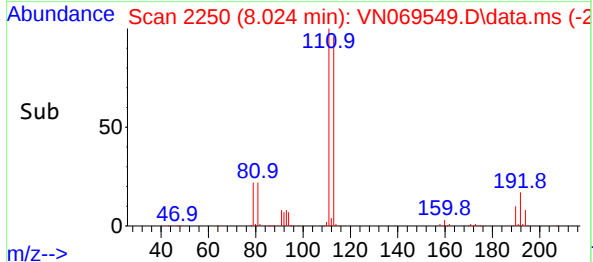
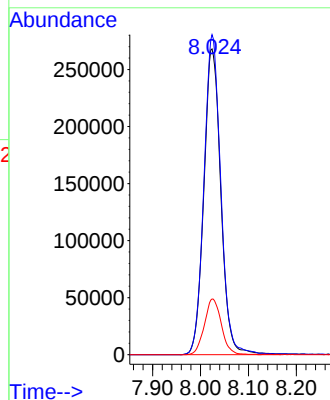
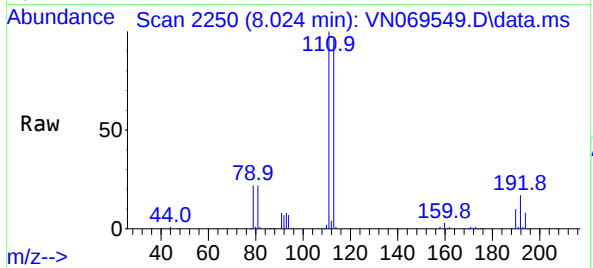




#35
Dibromofluoromethane
Concen: 49.523 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

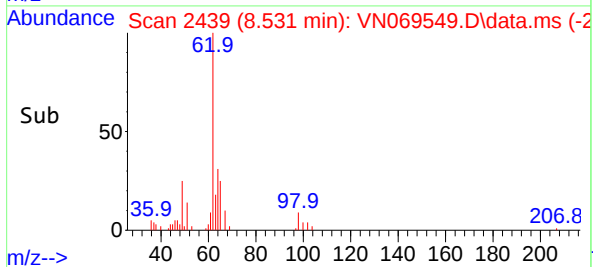
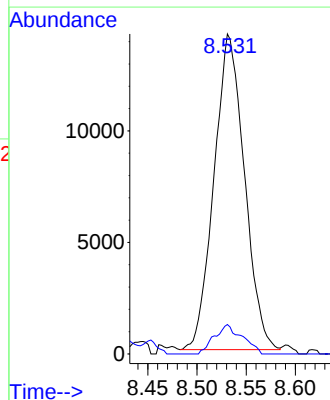
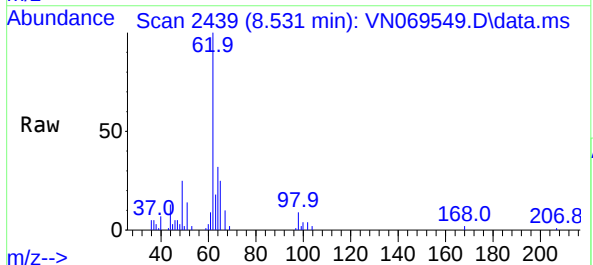
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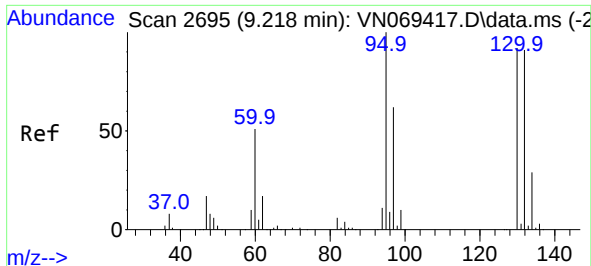
Tgt Ion:113 Resp: 662846
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.2 16.9 25.3



#42
1,2-Dichloroethane
Concen: 1.342 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

Tgt Ion: 62 Resp: 30468
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.6

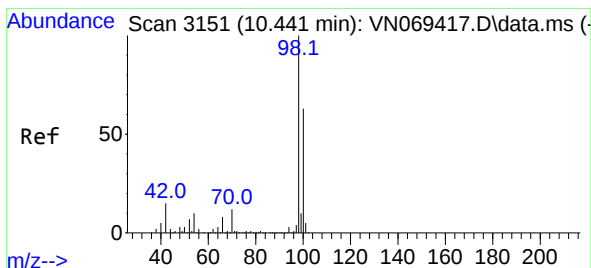
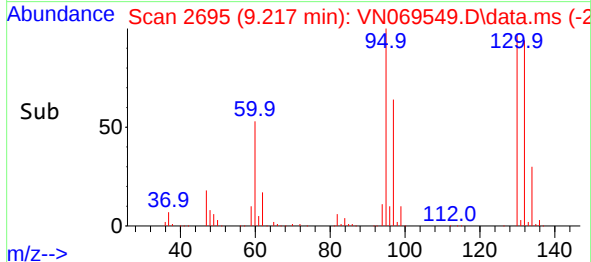
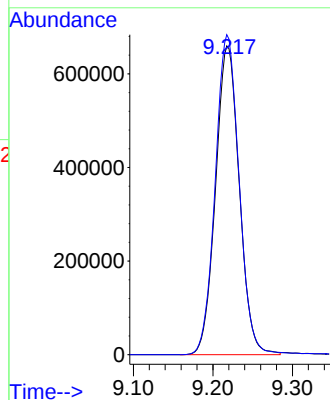
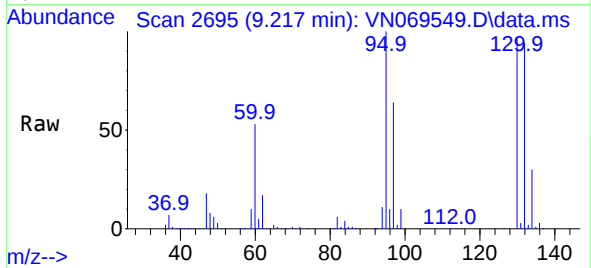




#44
Trichloroethene
Concen: 98.711 ug/l
RT: 9.217 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

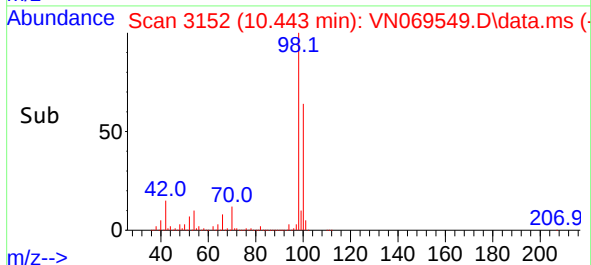
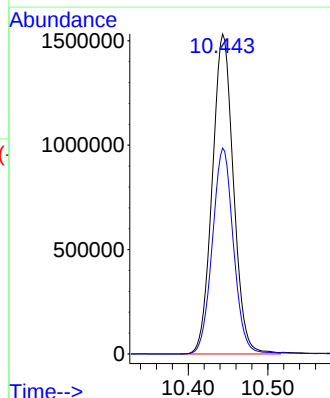
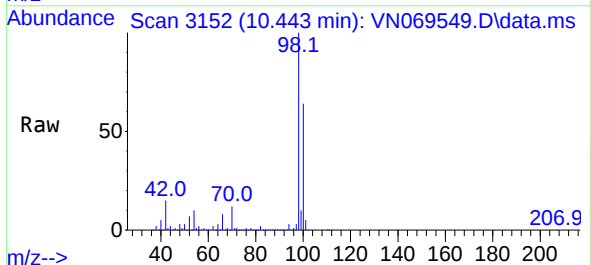
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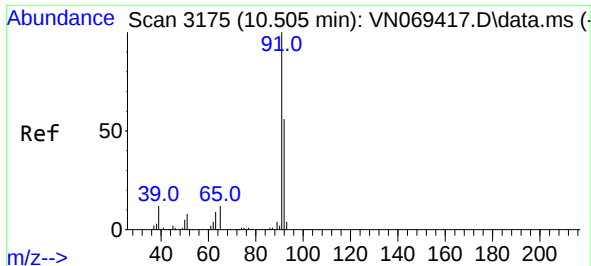
Tgt Ion:130 Resp: 1369316
Ion Ratio Lower Upper
130 100
95 103.6 0.0 191.2



#50
Toluene-d8
Concen: 53.883 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

Tgt Ion: 98 Resp: 2836502
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

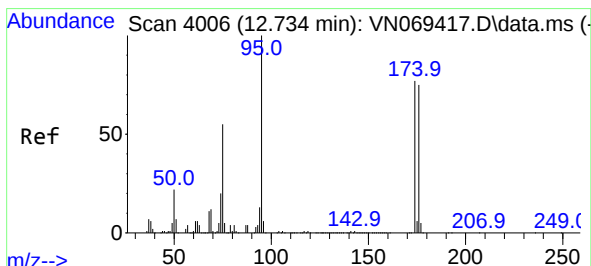
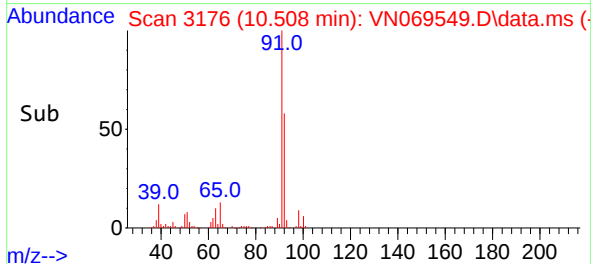
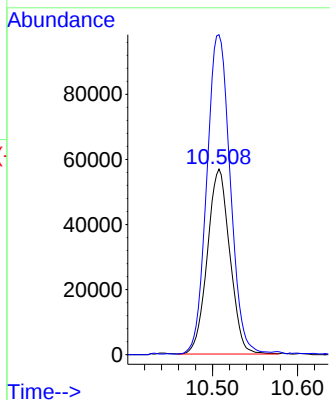
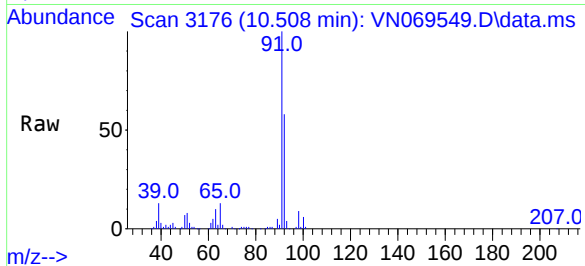




#52
Toluene
Concen: 2.896 ug/l
RT: 10.508 min Scan# 3175
Delta R.T. 0.002 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

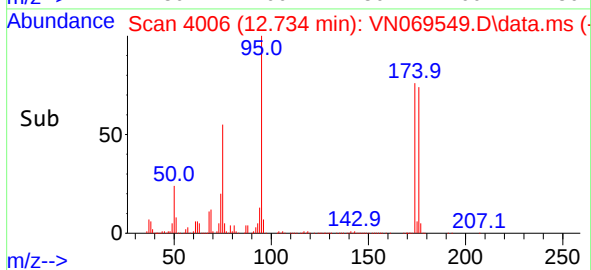
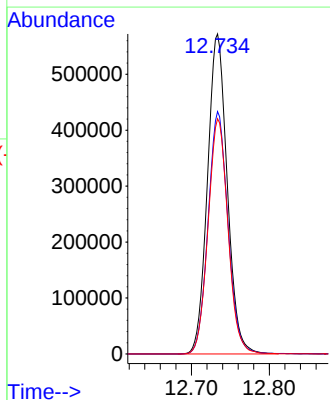
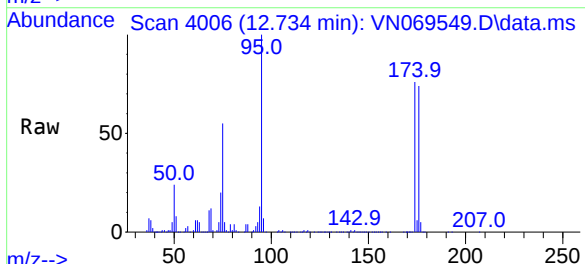
Instrument :
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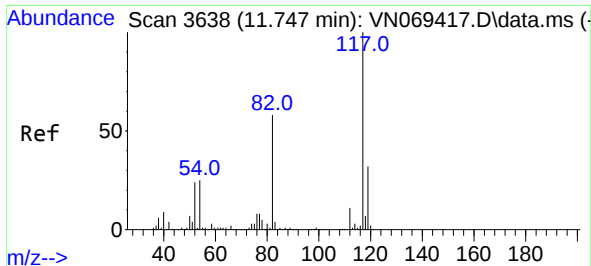
Tgt Ion: 92 Resp: 104558
Ion Ratio Lower Upper
92 100
91 179.8 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 52.117 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

Tgt Ion: 95 Resp: 1007873
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 74.0 0.0 181.4



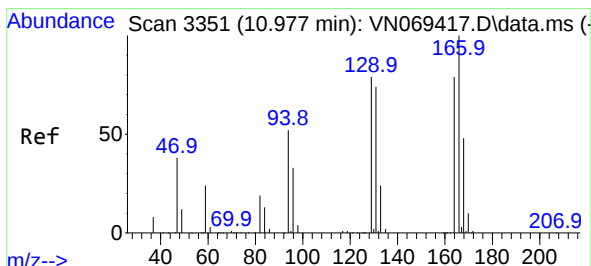
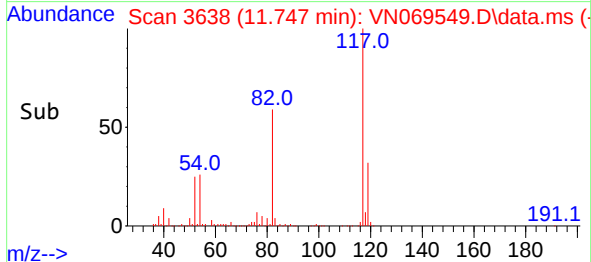
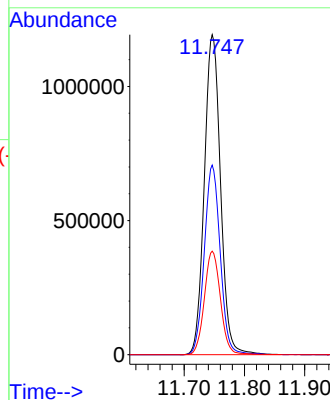
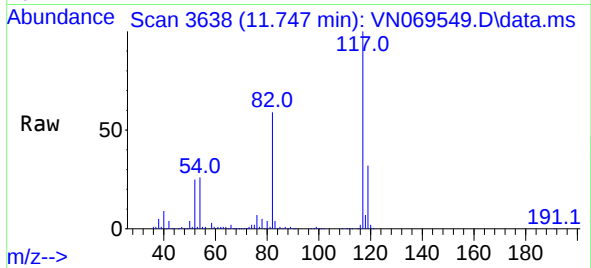


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

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

Tgt Ion:117 Resp: 2231665

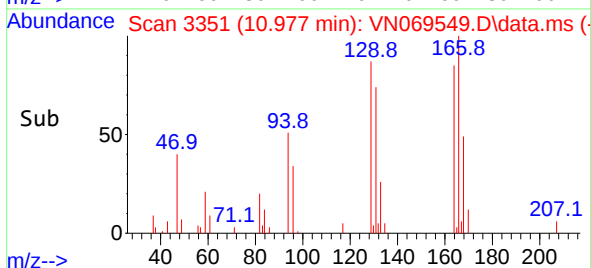
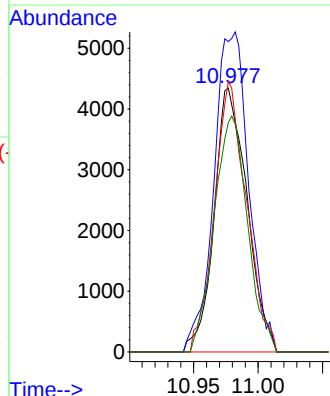
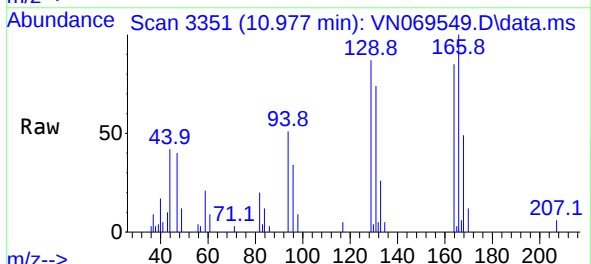
Ion	Ratio	Lower	Upper
117	100		
82	59.3	42.4	63.6
119	32.4	25.4	38.2

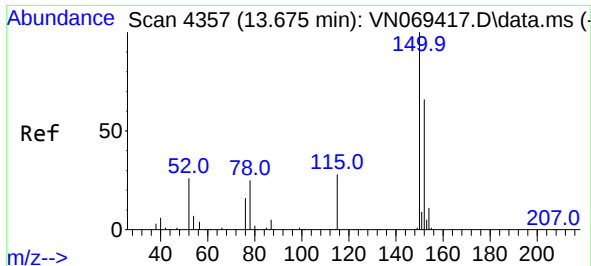


#64
Tetrachloroethene
Concen: 0.574 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

Tgt Ion:164 Resp: 7728

Ion	Ratio	Lower	Upper
164	100		
166	117.7	101.9	152.9
129	102.4	72.0	108.0
131	86.9	70.9	106.3

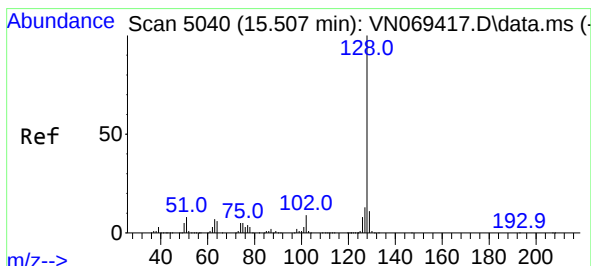
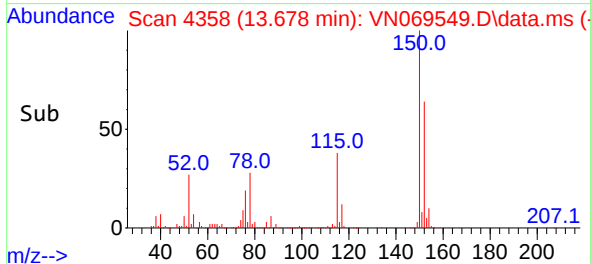
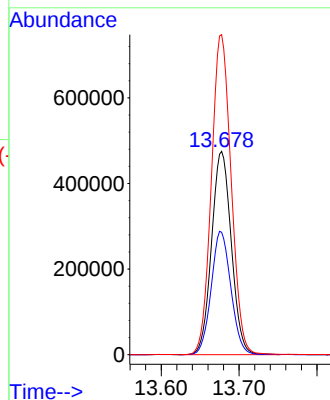
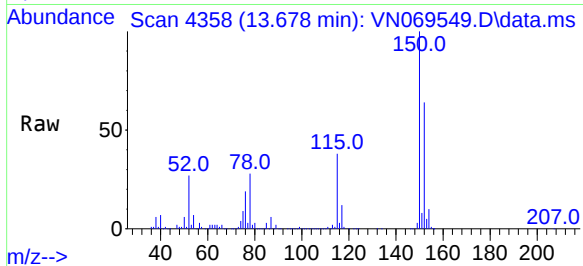




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

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

Tgt Ion:152 Resp: 836792
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 157.3 0.0 344.4



#95
Naphthalene
Concen: 4.761 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069549.D
Acq: 18 Nov 2021 13:35

Tgt Ion:128 Resp: 12626
Ion Ratio Lower Upper
128 100
127 11.3 10.5 15.7
129 9.1 8.7 13.1

