

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069519.D
 Acq On : 16 Nov 2021 19:49
 Operator : JC/MD
 Sample : M4714-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AEI-3

Quant Time: Nov 17 02:04:52 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)

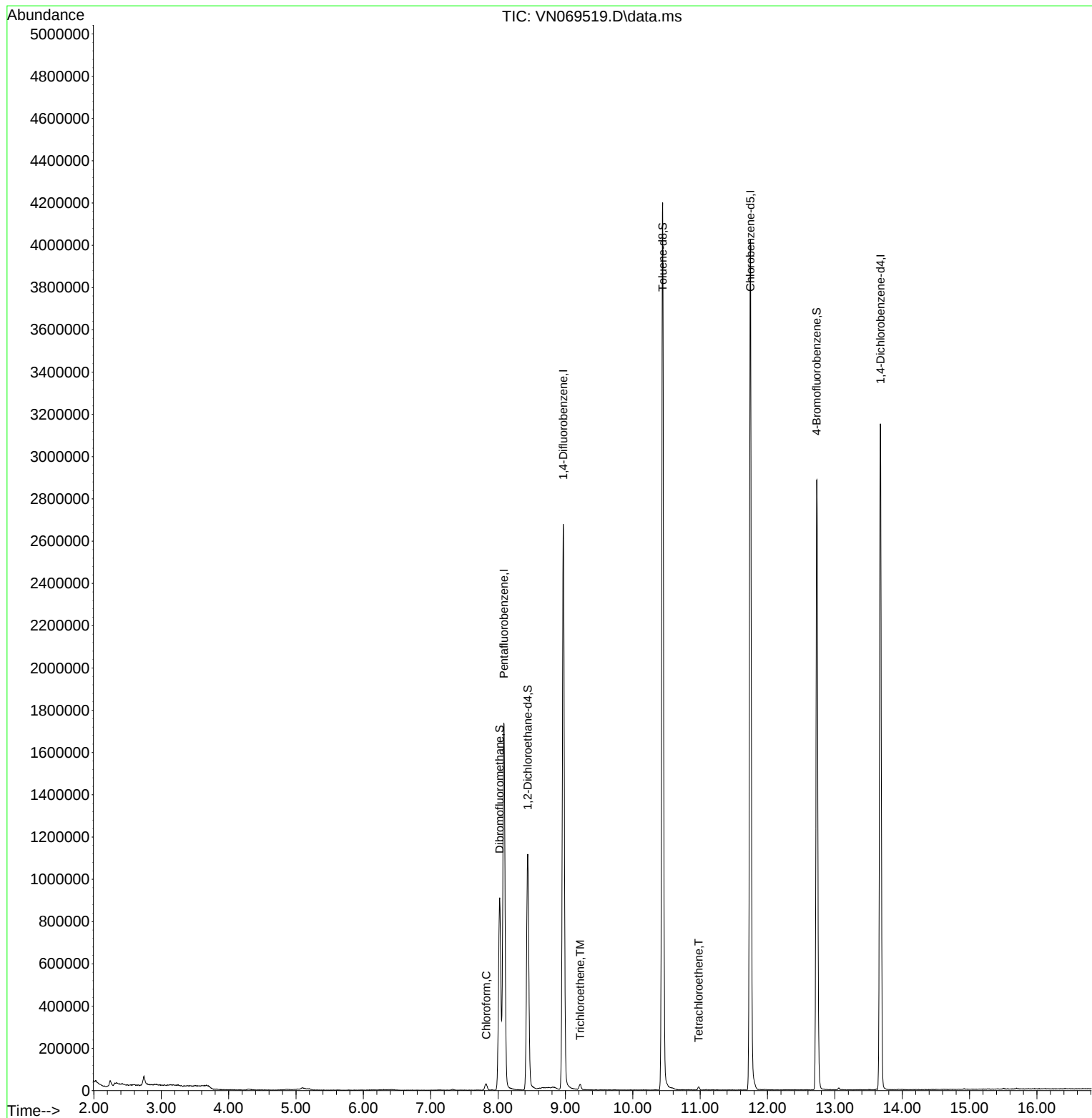
Internal Standards						
1) Pentafluorobenzene	8.086	168	1292386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2279955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2269056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	843797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	959644	51.211	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.420%
35) Dibromofluoromethane	8.024	113	661047	48.343	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.680%
50) Toluene-d8	10.443	98	2904153	54.000	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.000%
62) 4-Bromofluorobenzene	12.731	95	1015597	51.405	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.800%
Target Compounds						
						Qvalue
30) Chloroform	7.823	83	28871	1.108	ug/l	99
44) Trichloroethene	9.220	130	8286	0.585	ug/l	100
64) Tetrachloroethene	10.980	164	3002	0.219	ug/l	83

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

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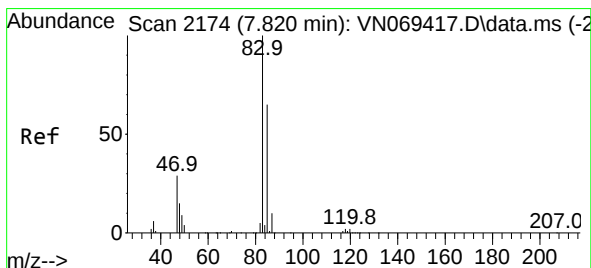
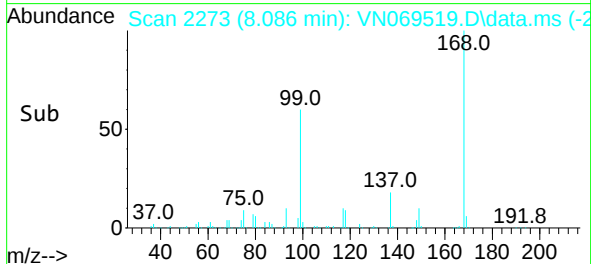
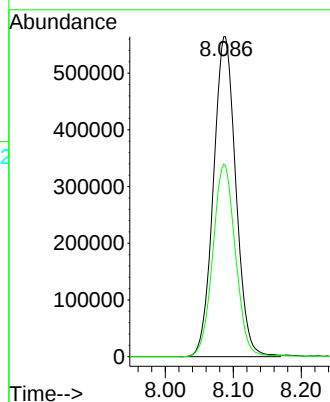
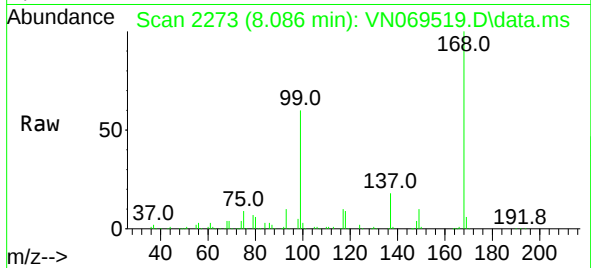




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069519.D
Acq: 16 Nov 2021 19:49

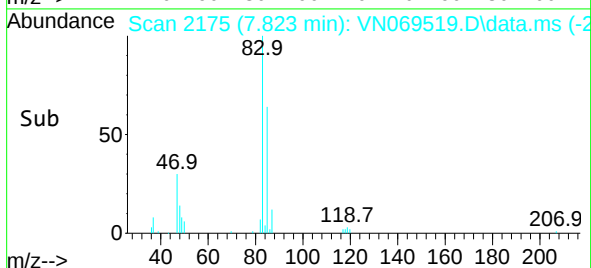
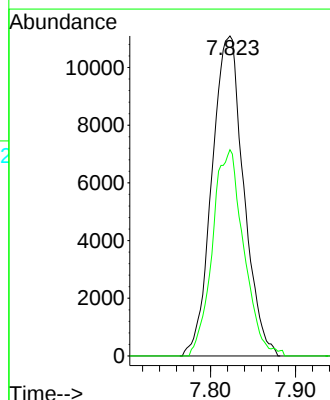
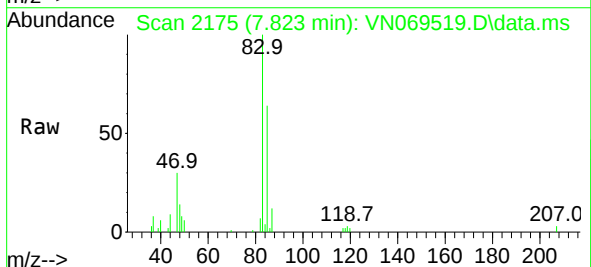
Instrument :
MSVOA_N
ClientSampleId :
AEI-3

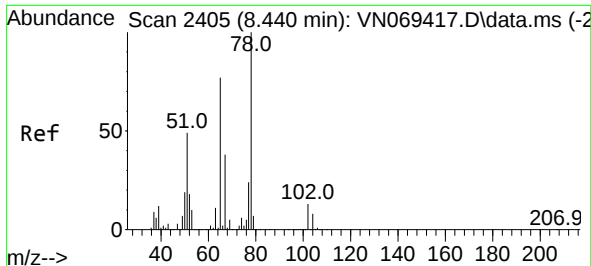
Tgt Ion:168 Resp: 1292386
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#30
Chloroform
Concen: 1.108 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VN069519.D
Acq: 16 Nov 2021 19:49

Tgt Ion: 83 Resp: 28871
Ion Ratio Lower Upper
83 100
85 64.4 51.9 77.9

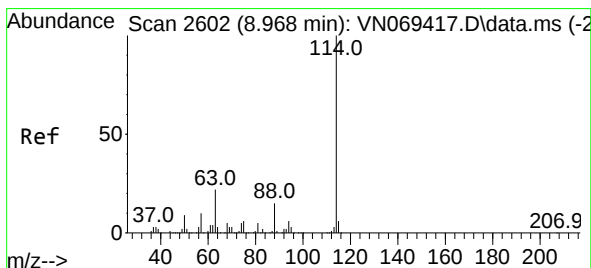
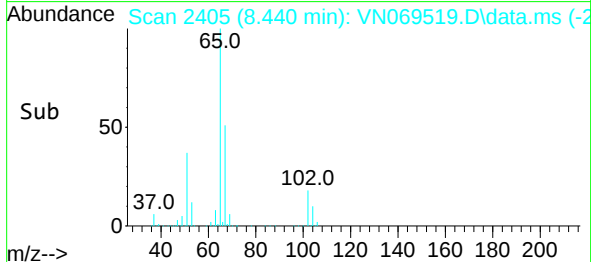
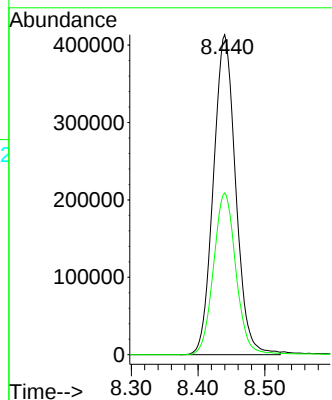
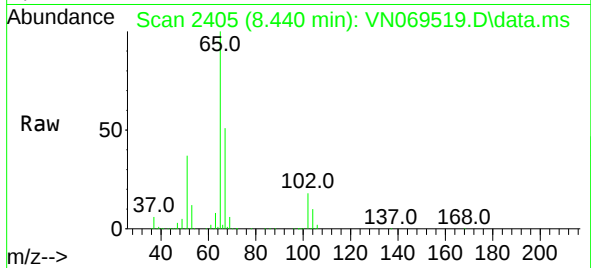




#33
 1,2-Dichloroethane-d4
 Concen: 51.211 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069519.D
 Acq: 16 Nov 2021 19:49

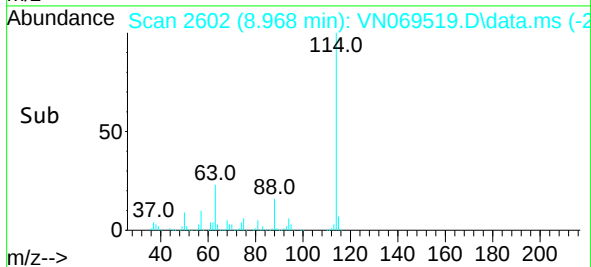
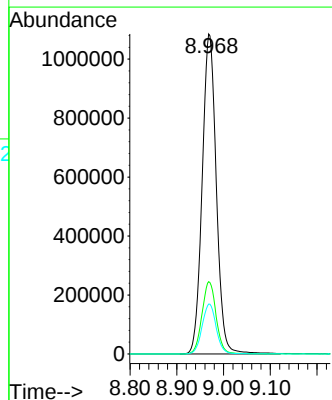
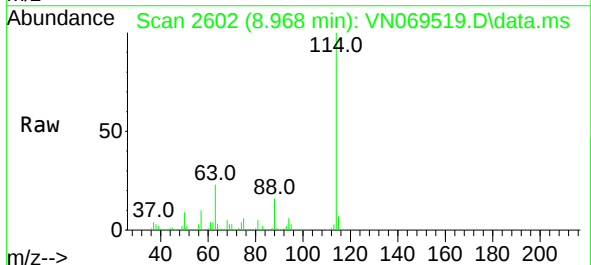
Instrument :
 MSVOA_N
 ClientSampleId :
 AEI-3

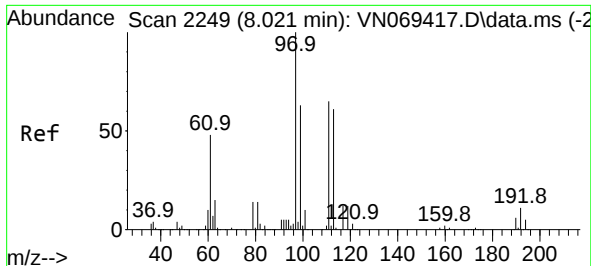
Tgt Ion: 65 Resp: 959644
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069519.D
 Acq: 16 Nov 2021 19:49

Tgt Ion: 114 Resp: 2279955
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 37.8
 88 15.6 0.0 27.4

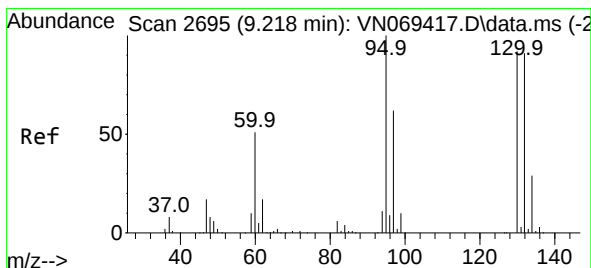
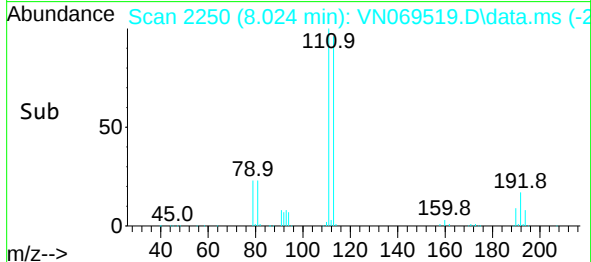
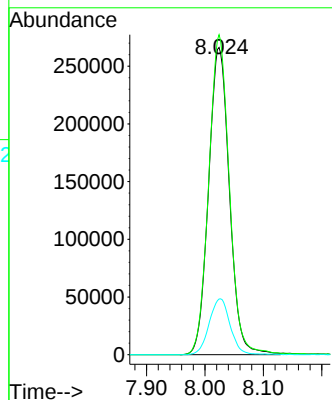
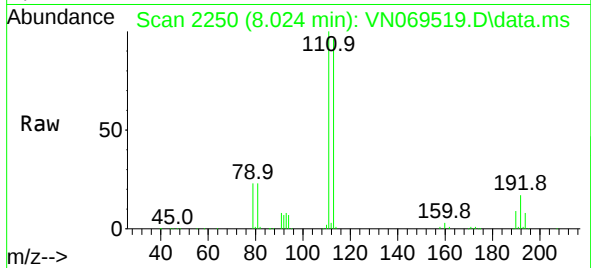




#35
 Dibromofluoromethane
 Concen: 48.343 ug/l
 RT: 8.024 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: VN069519.D
 Acq: 16 Nov 2021 19:49

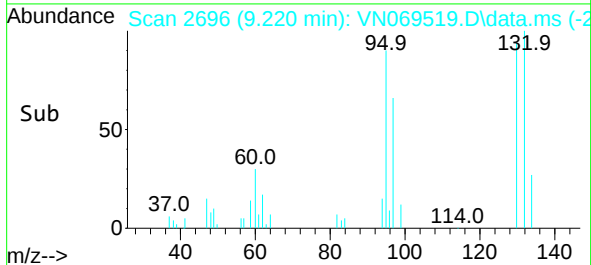
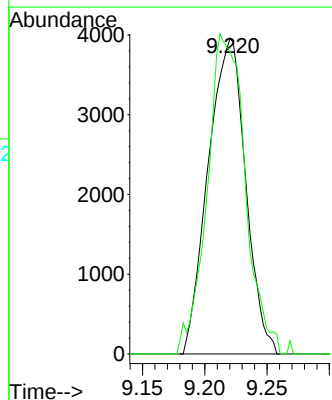
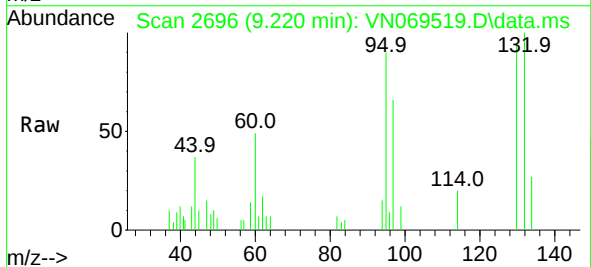
Instrument :
 MSVOA_N
 ClientSampleId :
 AEI-3

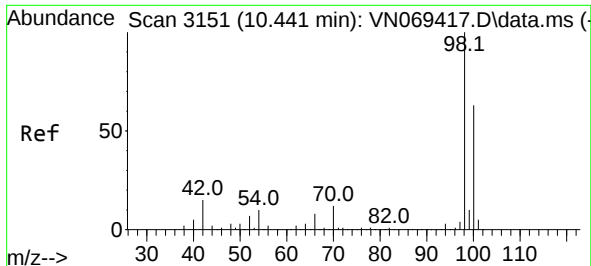
Tgt Ion:113 Resp: 661047
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 18.2 16.9 25.3



#44
 Trichloroethene
 Concen: 0.585 ug/l
 RT: 9.220 min Scan# 2696
 Delta R.T. 0.002 min
 Lab File: VN069519.D
 Acq: 16 Nov 2021 19:49

Tgt Ion:130 Resp: 8286
 Ion Ratio Lower Upper
 130 100
 95 95.7 0.0 191.2

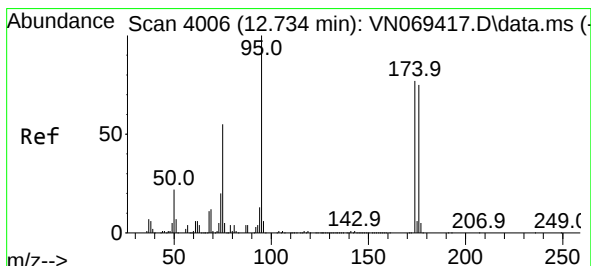
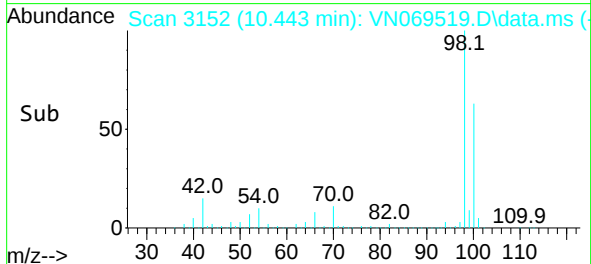
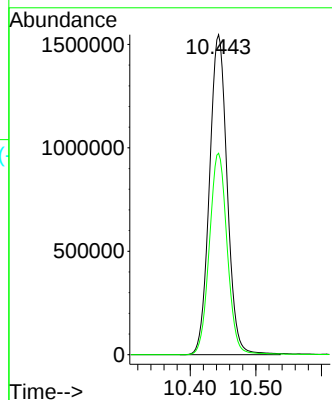
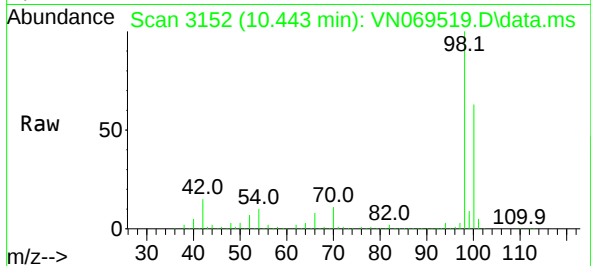




#50
Toluene-d8
Concen: 54.000 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069519.D
Acq: 16 Nov 2021 19:49

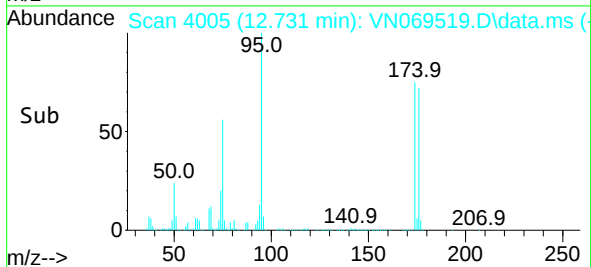
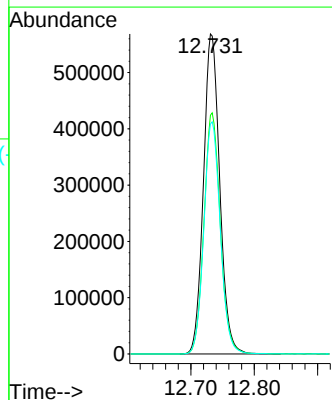
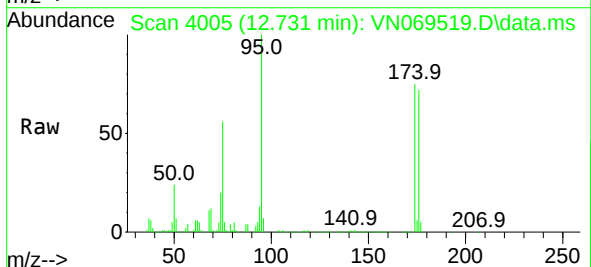
Instrument :
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ClientSampleId :
AEI-3

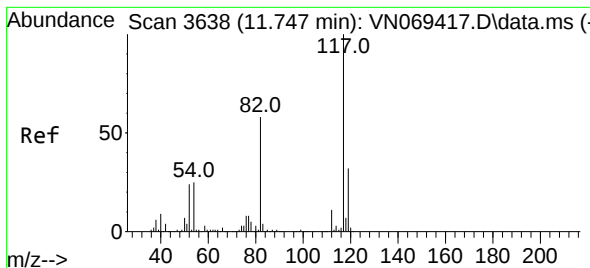
Tgt Ion: 98 Resp: 2904153
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.405 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069519.D
Acq: 16 Nov 2021 19:49

Tgt Ion: 95 Resp: 1015597
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.1 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.747 min Scan# 3

Delta R.T. -0.000 min

Lab File: VN069519.D

Acq: 16 Nov 2021 19:49

Instrument :

MSVOA_N

ClientSampleId :

AEI-3

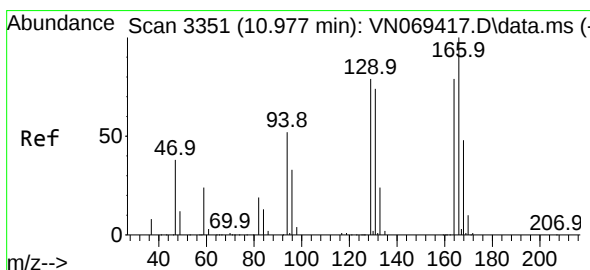
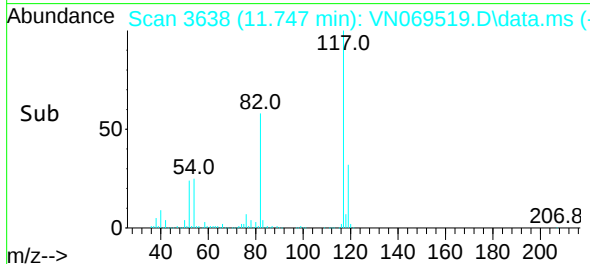
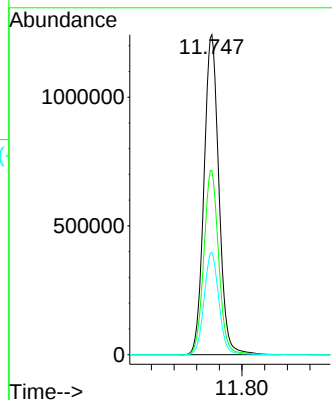
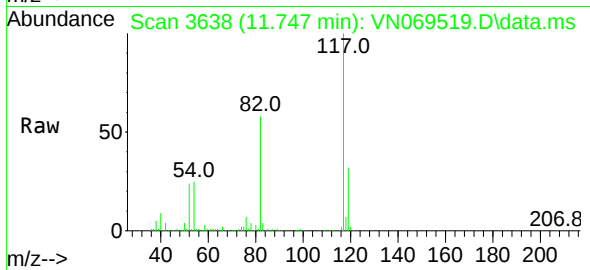
Tgt Ion:117 Resp: 2269056

Ion Ratio Lower Upper

117 100

82 57.5 42.4 63.6

119 31.9 25.4 38.2



#64

Tetrachloroethene

Concen: 0.219 ug/l

RT: 10.980 min Scan# 3352

Delta R.T. 0.003 min

Lab File: VN069519.D

Acq: 16 Nov 2021 19:49

Tgt Ion:164 Resp: 3002

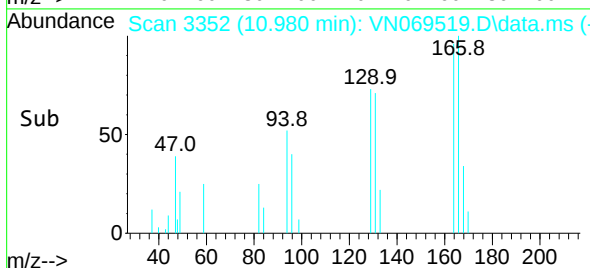
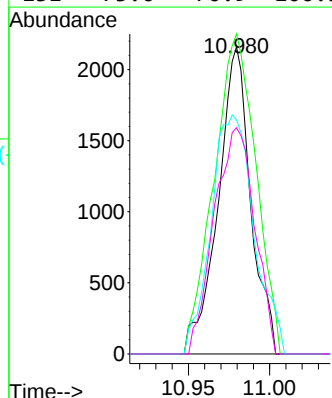
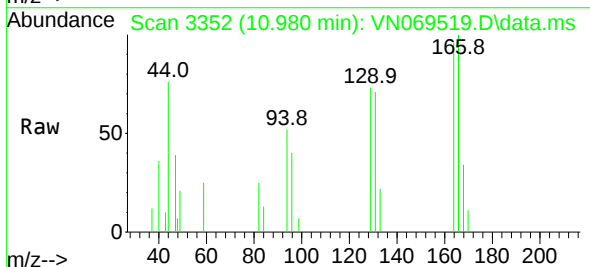
Ion Ratio Lower Upper

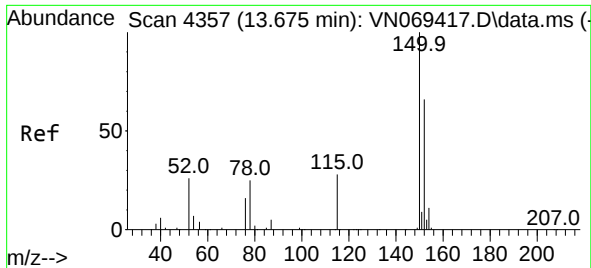
164 100

166 104.2 101.9 152.9

129 76.1 72.0 108.0

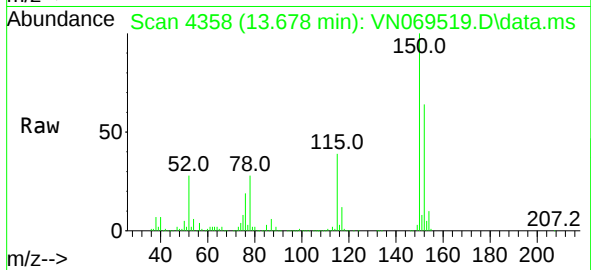
131 73.6 70.9 106.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN069519.D
 Acq: 16 Nov 2021 19:49

Instrument :
 MSVOA_N
 ClientSampleId :
 AEI-3



Tgt Ion:152 Resp: 843797
 Ion Ratio Lower Upper
 152 100
 115 60.8 27.5 82.5
 150 157.1 0.0 344.4

