

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069518.D
 Acq On : 16 Nov 2021 19:23
 Operator : JC/MD
 Sample : M4714-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AEI-1

Quant Time: Nov 17 02:01:57 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)

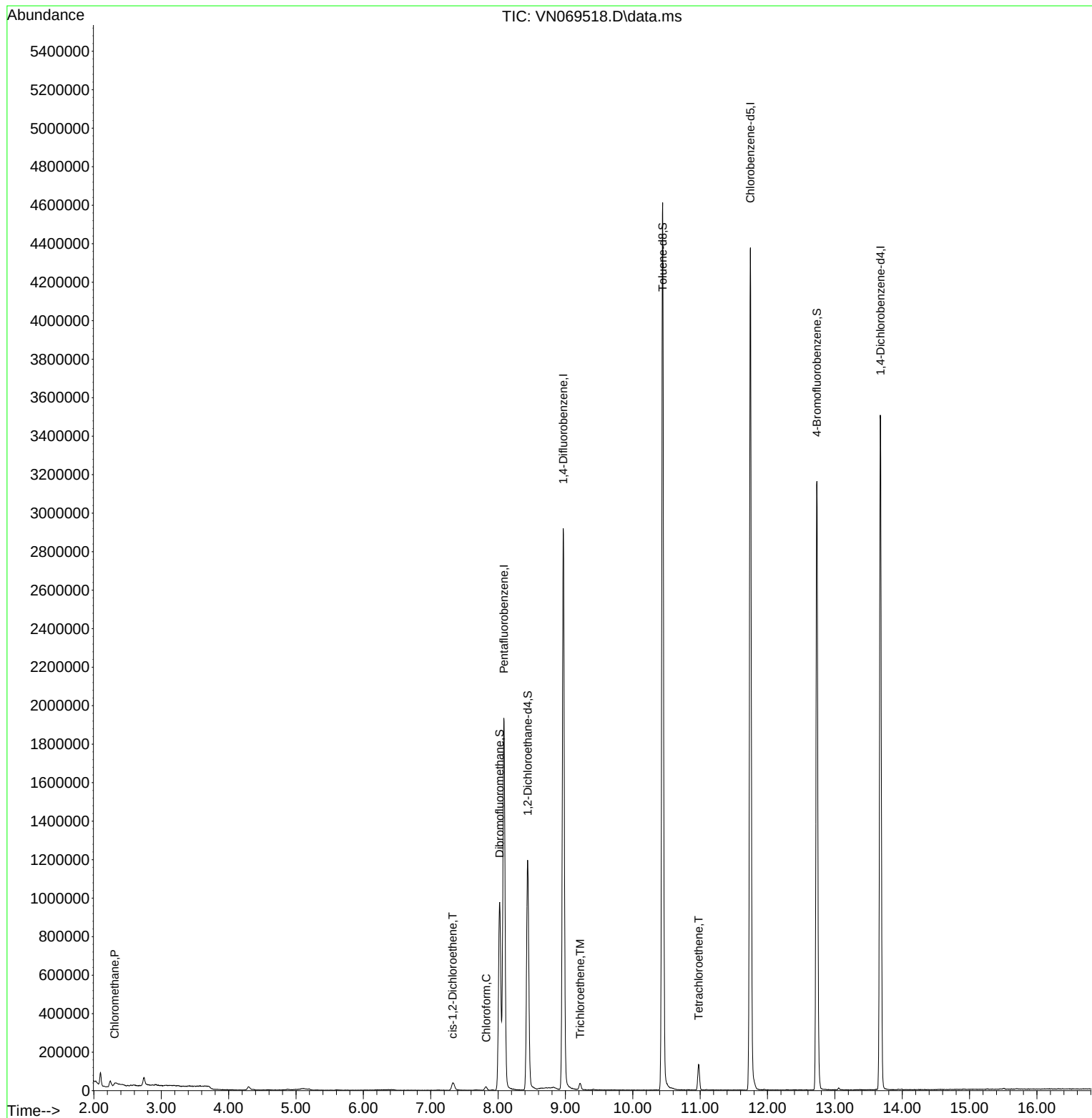
Internal Standards						
1) Pentafluorobenzene	8.086	168	1419177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2477114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2447865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	919963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1034546	50.276	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.560%
35) Dibromofluoromethane	8.024	113	718634	48.371	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.740%
50) Toluene-d8	10.443	98	3144165	53.810	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.620%
62) 4-Bromofluorobenzene	12.734	95	1112879	51.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.700%
Target Compounds						
						Qvalue
3) Chloromethane	2.306	50	3568	0.203	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	17366	1.090	ug/l	100
30) Chloroform	7.823	83	17541	0.613	ug/l	94
44) Trichloroethene	9.217	130	11164	0.725	ug/l	90
64) Tetrachloroethene	10.977	164	29400	1.989	ug/l	94

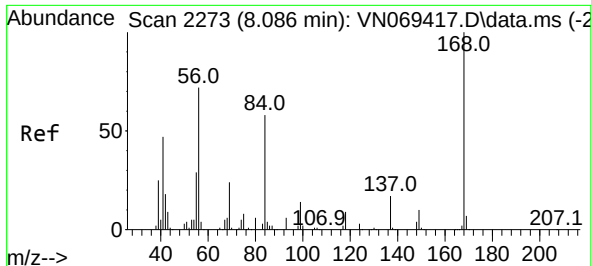
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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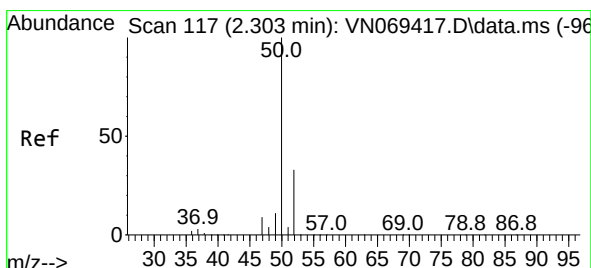
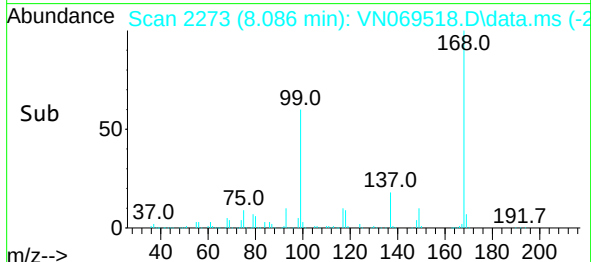
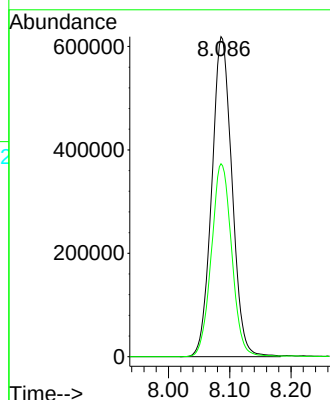
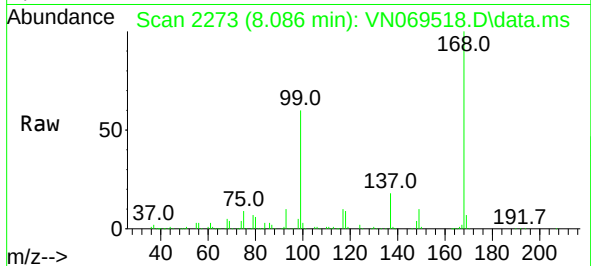




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069518.D
Acq: 16 Nov 2021 19:23

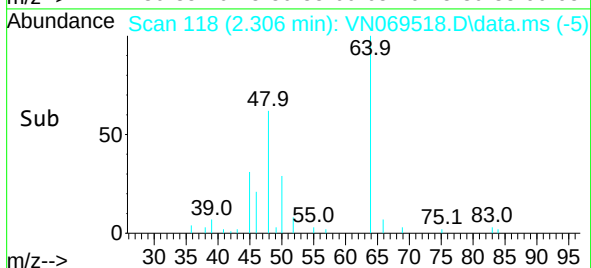
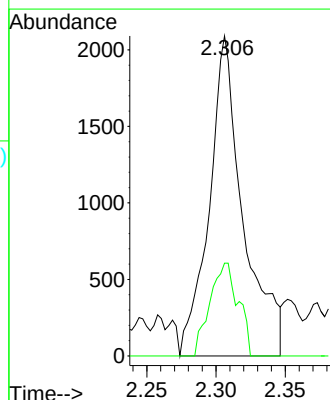
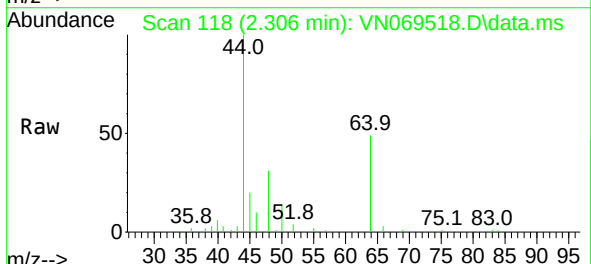
Instrument :
MSVOA_N
ClientSampleId :
AEI-1

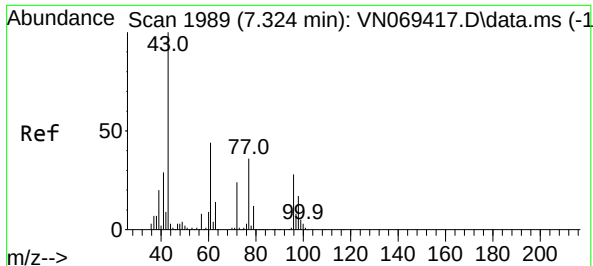
Tgt Ion:168 Resp: 1419177
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#3
Chloromethane
Concen: 0.203 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069518.D
Acq: 16 Nov 2021 19:23

Tgt Ion: 50 Resp: 3568
Ion Ratio Lower Upper
50 100
52 29.0 25.4 38.0





#27

cis-1,2-Dichloroethene

Concen: 1.090 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN069518.D

Acq: 16 Nov 2021 19:23

Instrument :

MSVOA_N

ClientSampleId :

AEI-1

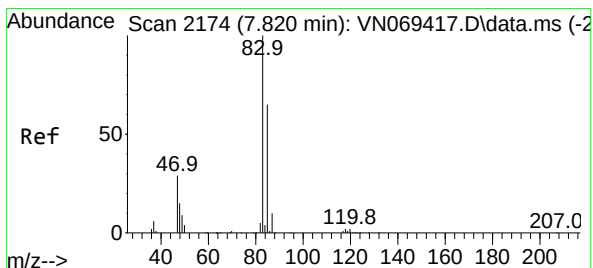
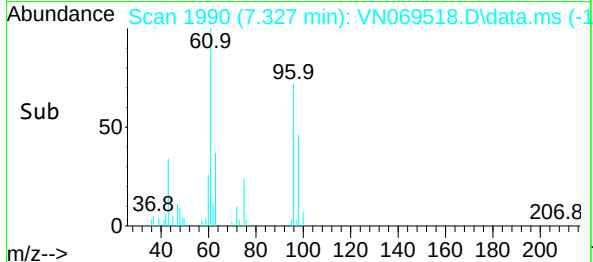
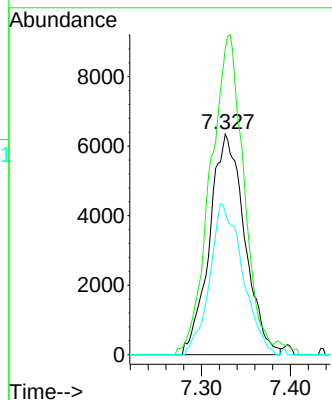
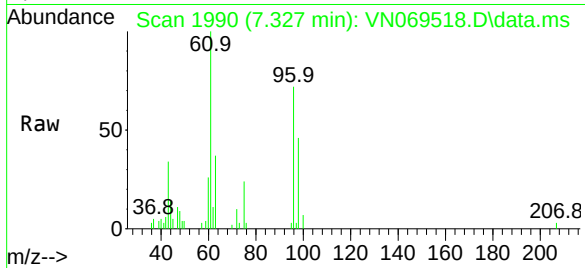
Tgt Ion: 96 Resp: 17366

Ion Ratio Lower Upper

96 100

61 137.9 0.0 275.0

98 64.3 0.0 129.6



#30

Chloroform

Concen: 0.613 ug/l

RT: 7.823 min Scan# 2175

Delta R.T. 0.003 min

Lab File: VN069518.D

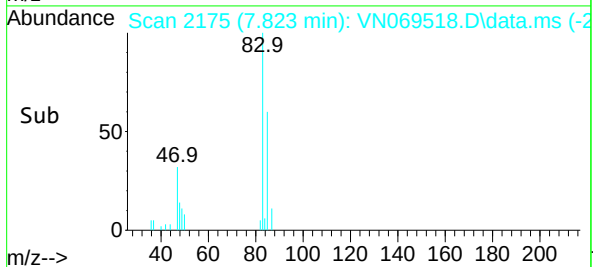
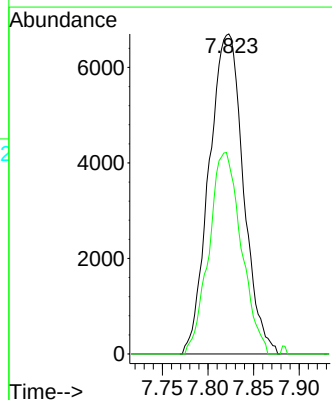
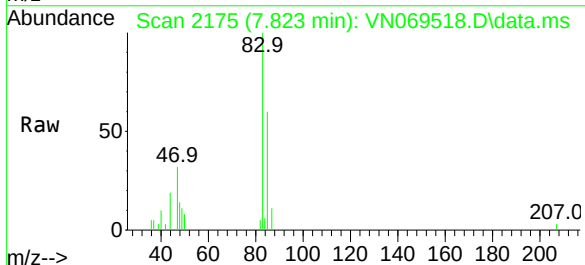
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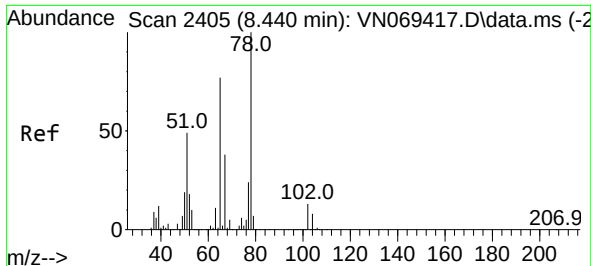
Tgt Ion: 83 Resp: 17541

Ion Ratio Lower Upper

83 100

85 59.8 51.9 77.9

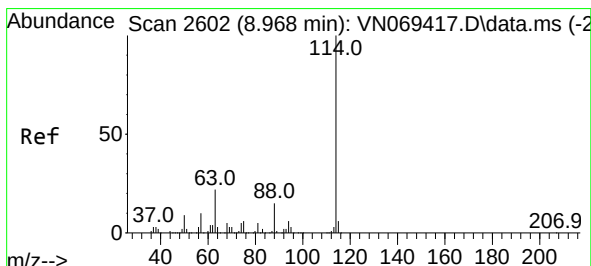
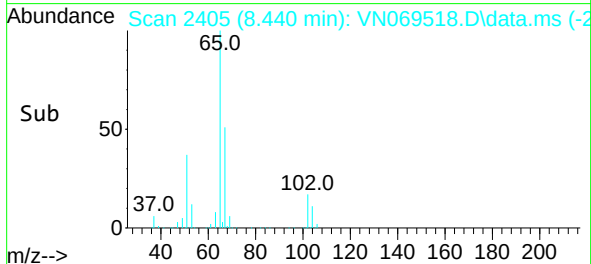
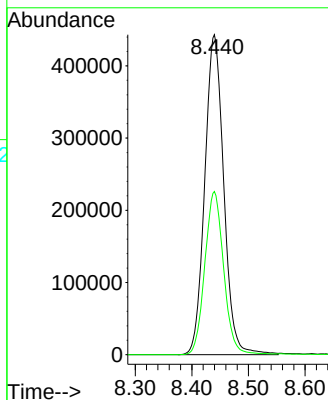
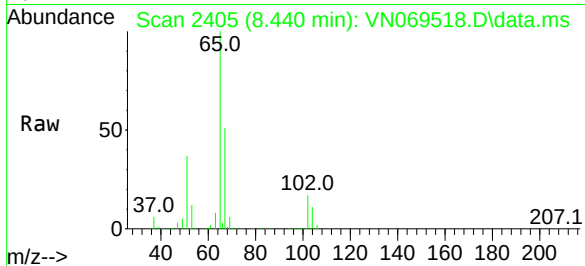




#33
 1,2-Dichloroethane-d4
 Concen: 50.276 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069518.D
 Acq: 16 Nov 2021 19:23

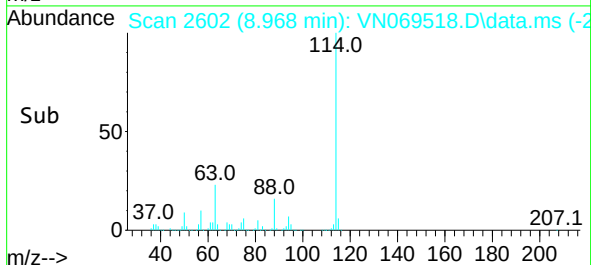
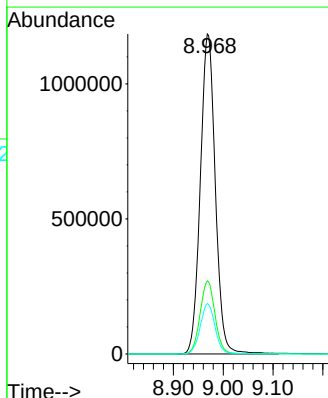
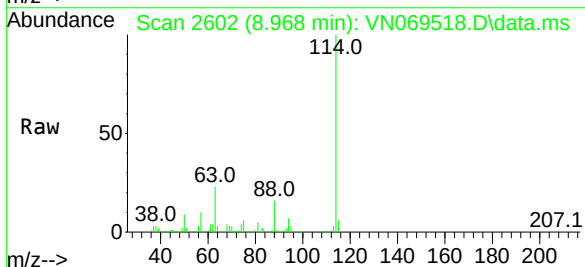
Instrument :
 MSVOA_N
 ClientSampleId :
 AEI-1

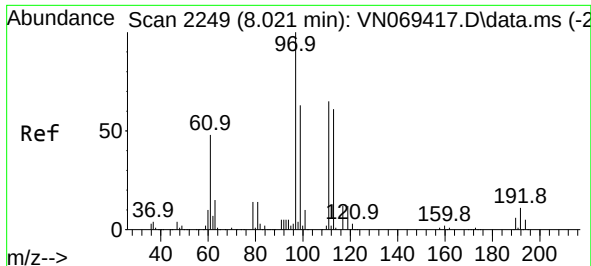
Tgt Ion: 65 Resp: 1034546
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069518.D
 Acq: 16 Nov 2021 19:23

Tgt Ion: 114 Resp: 2477114
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 37.8
 88 15.8 0.0 27.4

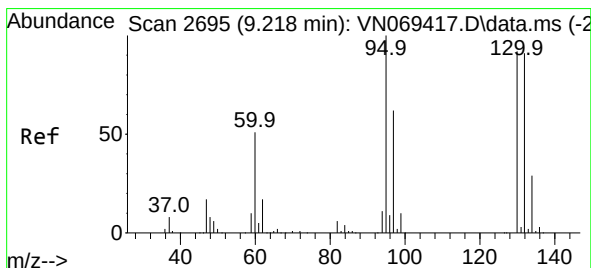
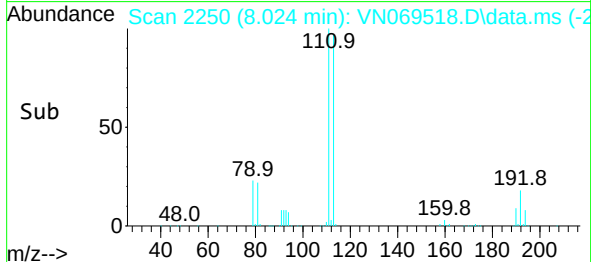
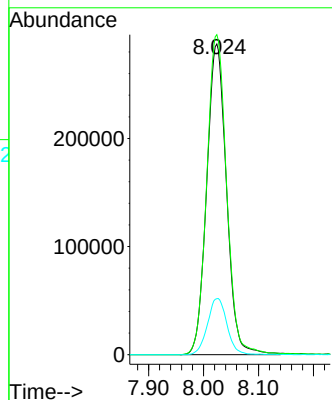
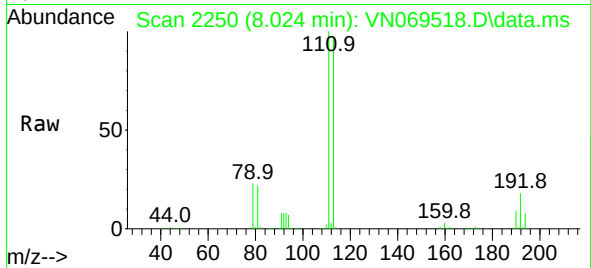




#35
 Dibromofluoromethane
 Concen: 48.371 ug/l
 RT: 8.024 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: VN069518.D
 Acq: 16 Nov 2021 19:23

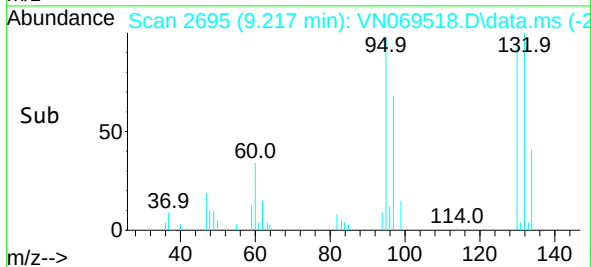
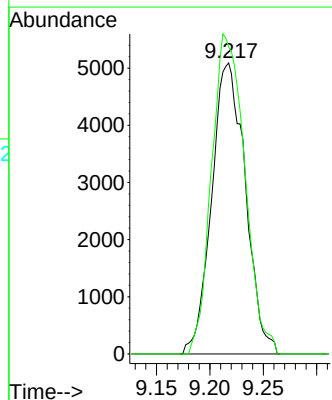
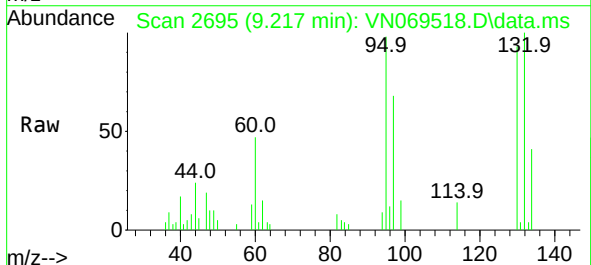
Instrument :
 MSVOA_N
 ClientSampleId :
 AEI-1

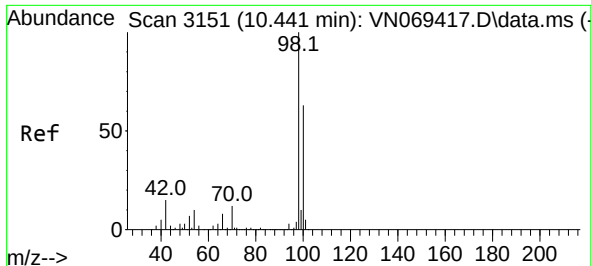
Tgt Ion:113 Resp: 718634
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.2
 192 17.8 16.9 25.3



#44
 Trichloroethene
 Concen: 0.725 ug/l
 RT: 9.217 min Scan# 2695
 Delta R.T. -0.001 min
 Lab File: VN069518.D
 Acq: 16 Nov 2021 19:23

Tgt Ion:130 Resp: 11164
 Ion Ratio Lower Upper
 130 100
 95 105.4 0.0 191.2

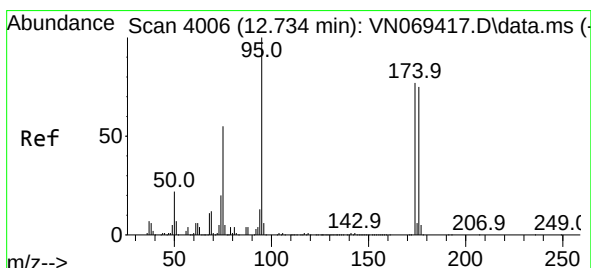
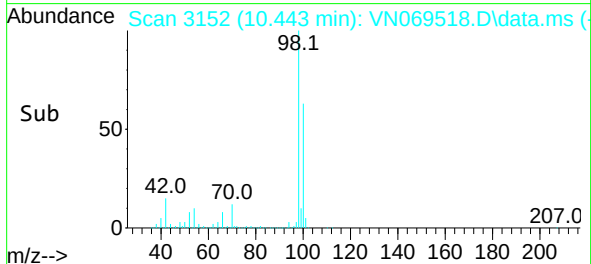
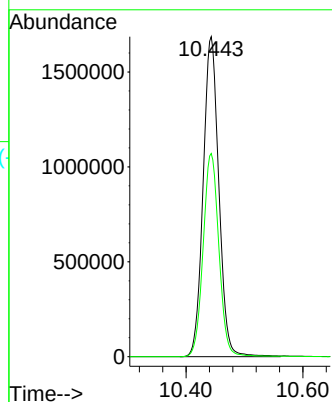
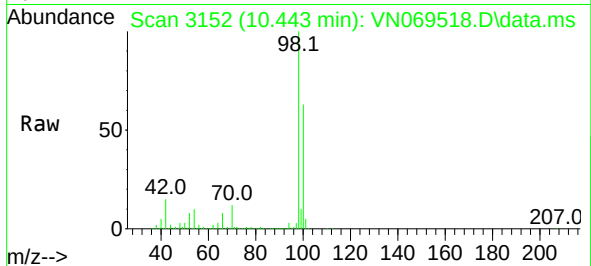




#50
Toluene-d8
Concen: 53.810 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069518.D
Acq: 16 Nov 2021 19:23

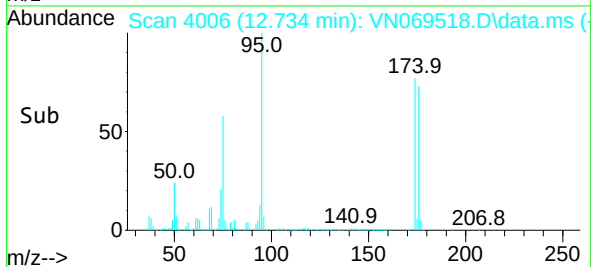
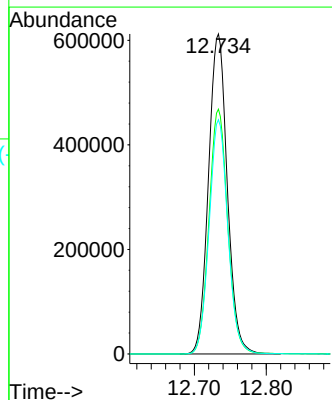
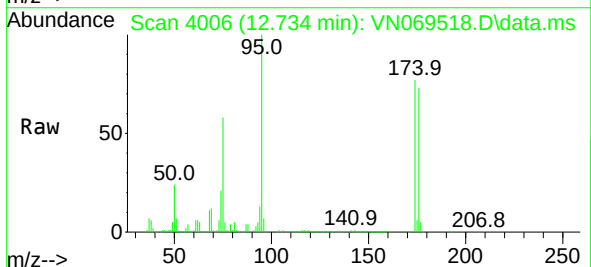
Instrument :
MSVOA_N
ClientSampleId :
AEI-1

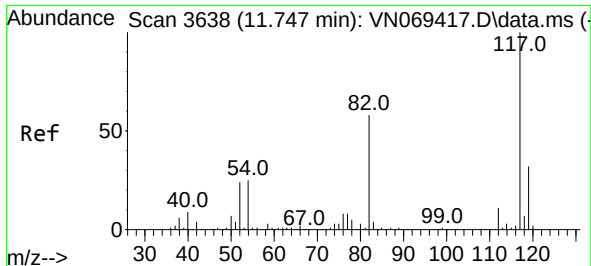
Tgt Ion: 98 Resp: 3144165
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.845 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069518.D
Acq: 16 Nov 2021 19:23

Tgt Ion: 95 Resp: 1112879
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 72.8 0.0 181.4

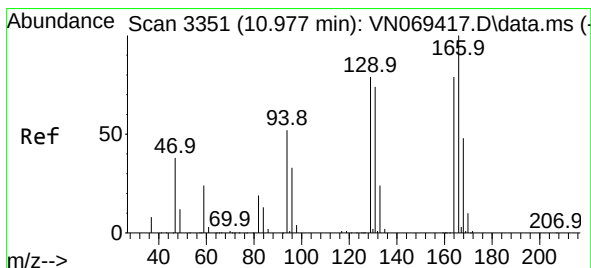
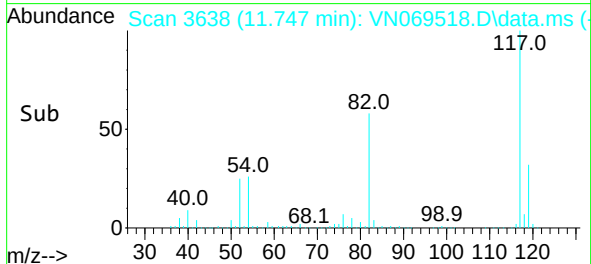
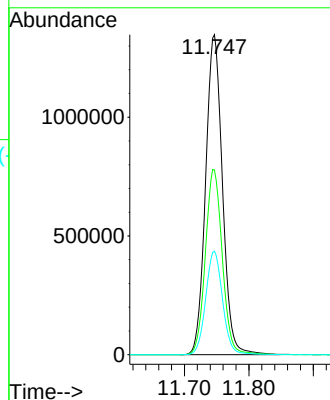
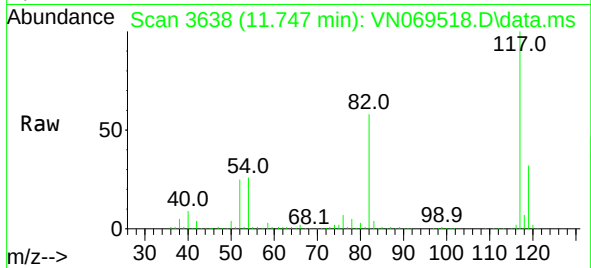




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069518.D
Acq: 16 Nov 2021 19:23

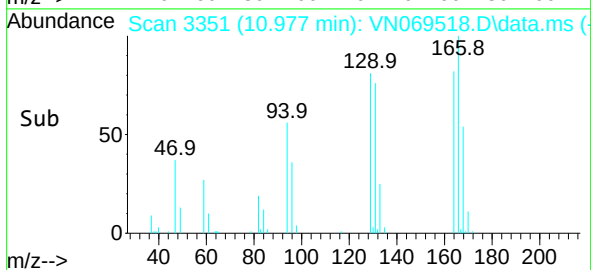
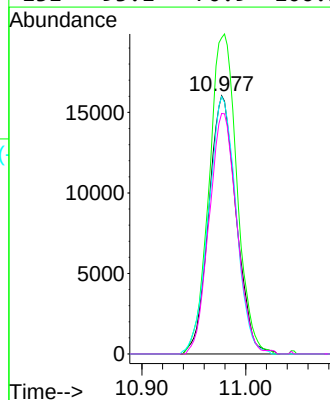
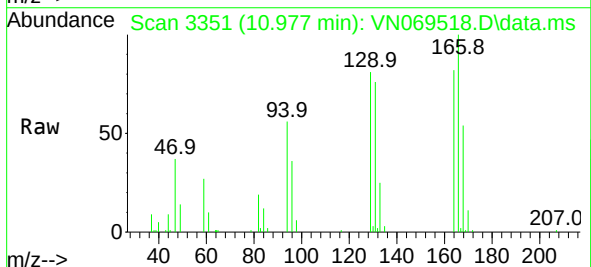
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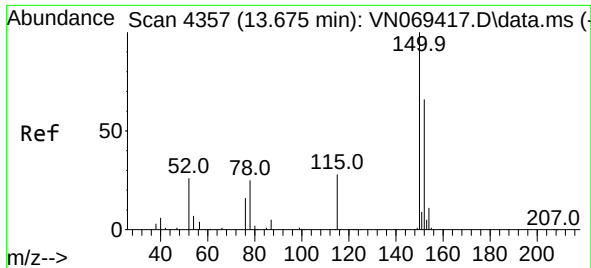
Tgt Ion:117 Resp: 2447865
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 1.989 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069518.D
Acq: 16 Nov 2021 19:23

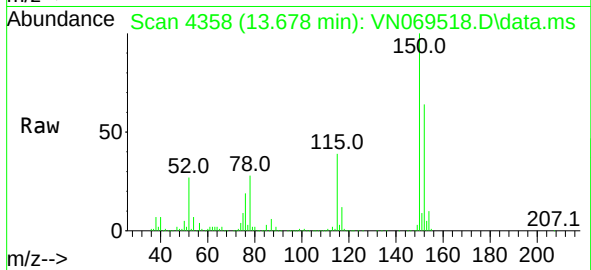
Tgt Ion:164 Resp: 29400
Ion Ratio Lower Upper
164 100
166 122.4 101.9 152.9
129 99.6 72.0 108.0
131 93.1 70.9 106.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN069518.D
 Acq: 16 Nov 2021 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 AEI-1



Tgt Ion:152 Resp: 919963

Ion	Ratio	Lower	Upper
152	100		
115	61.1	27.5	82.5
150	158.5	0.0	344.4

