

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069520.D
 Acq On : 16 Nov 2021 20:14
 Operator : JC/MD
 Sample : M4714-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AEI-4

Quant Time: Nov 17 02:07:01 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)

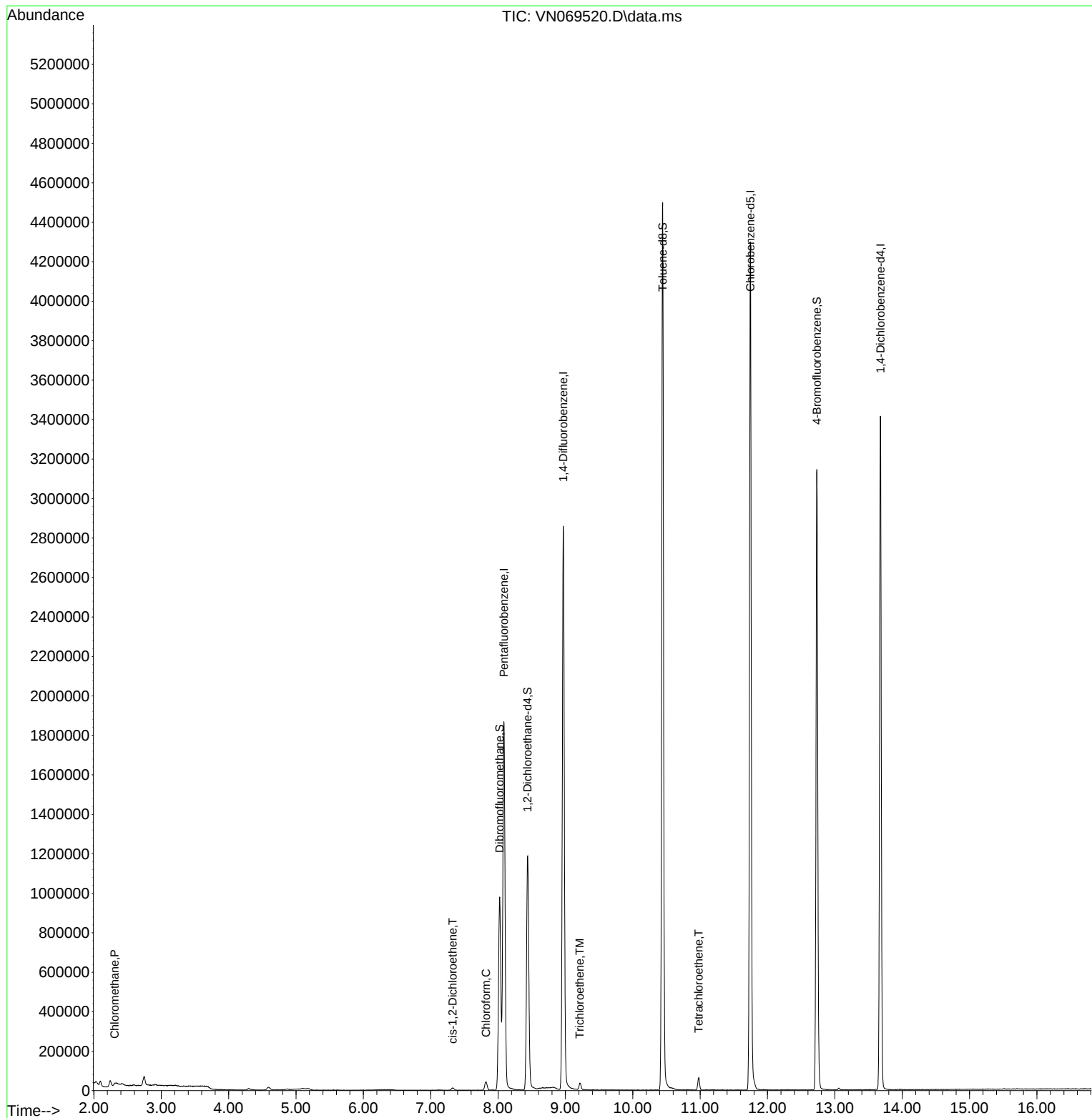
Internal Standards						
1) Pentafluorobenzene	8.086	168	1375758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2438429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2417986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	899843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1017588	51.013	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.020%
35) Dibromofluoromethane	8.024	113	706262	48.293	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.580%
50) Toluene-d8	10.443	98	3101983	53.930	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.860%
62) 4-Bromofluorobenzene	12.733	95	1082659	51.238	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.480%
Target Compounds						
						Qvalue
3) Chloromethane	2.306	50	4279	0.251	ug/l #	88
27) cis-1,2-Dichloroethene	7.327	96	6151	0.398	ug/l	44
30) Chloroform	7.820	83	40729	1.469	ug/l	99
44) Trichloroethene	9.212	130	11705	0.772	ug/l	98
64) Tetrachloroethene	10.979	164	14036	0.961	ug/l #	86

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

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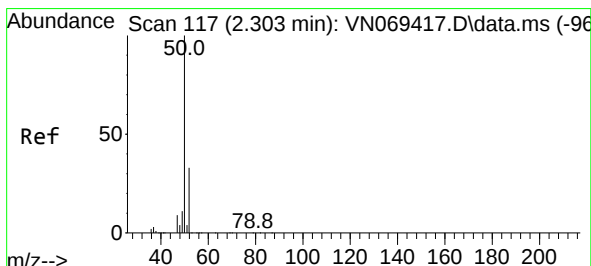
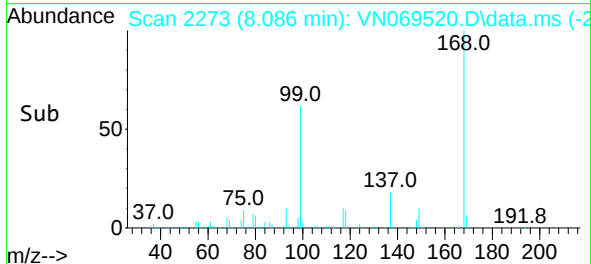
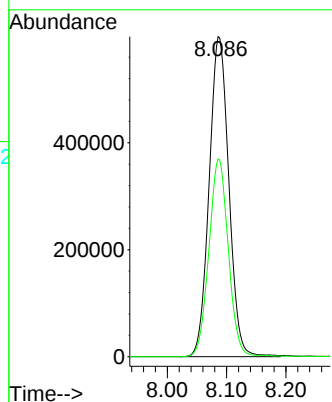
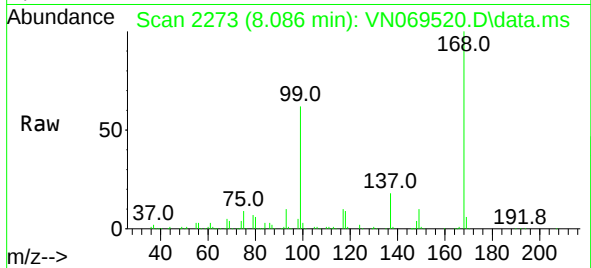




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069520.D
Acq: 16 Nov 2021 20:14

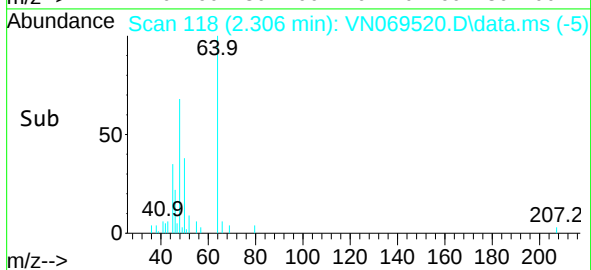
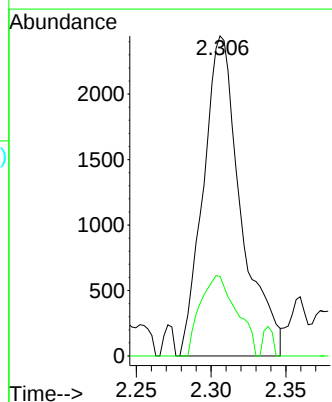
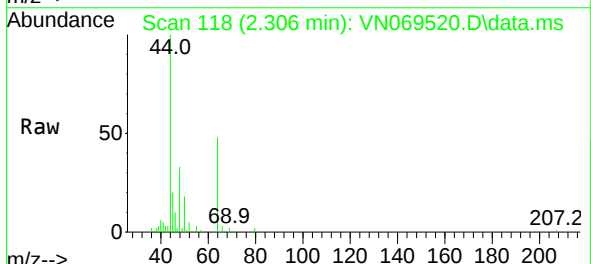
Instrument :
MSVOA_N
ClientSampleId :
AEI-4

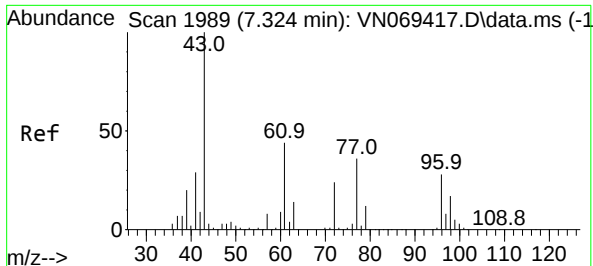
Tgt Ion:168 Resp: 1375758
Ion Ratio Lower Upper
168 100
99 61.8 41.3 61.9



#3
Chloromethane
Concen: 0.251 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069520.D
Acq: 16 Nov 2021 20:14

Tgt Ion: 50 Resp: 4279
Ion Ratio Lower Upper
50 100
52 24.9 25.4 38.0#





#27

cis-1,2-Dichloroethene

Concen: 0.398 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN069520.D

Acq: 16 Nov 2021 20:14

Instrument :

MSVOA_N

ClientSampleId :

AEI-4

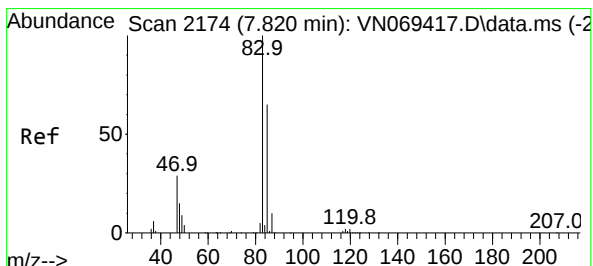
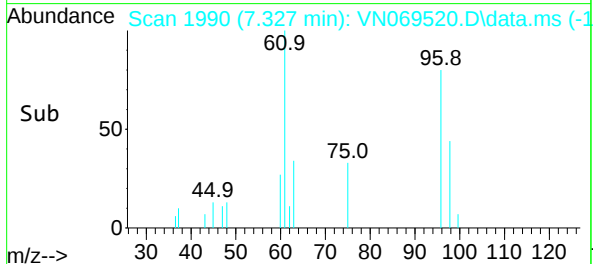
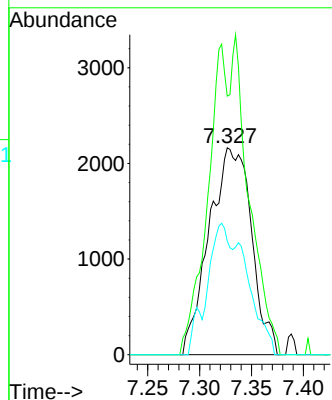
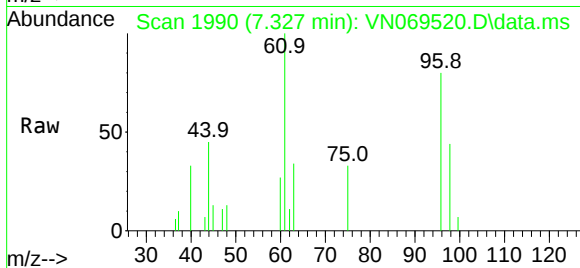
Tgt Ion: 96 Resp: 6151

Ion Ratio Lower Upper

96 100

61 70.0 0.0 275.0

98 20.8 0.0 129.6



#30

Chloroform

Concen: 1.469 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069520.D

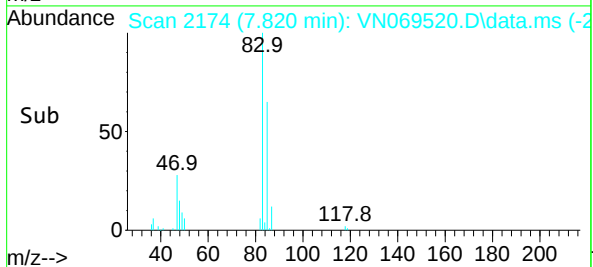
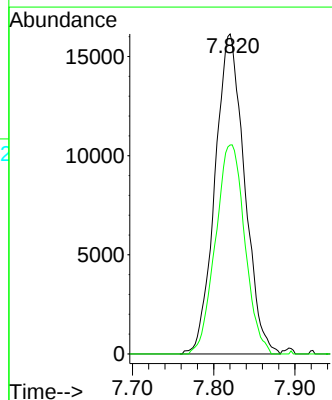
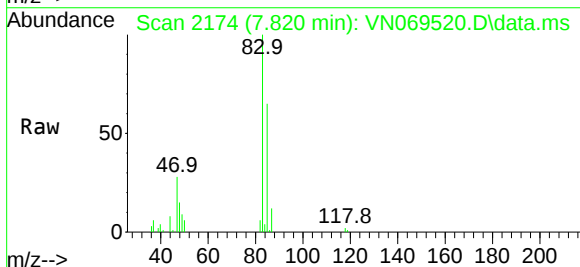
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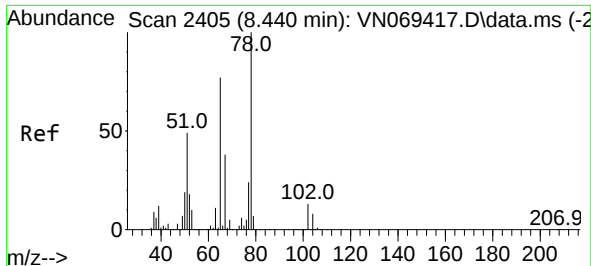
Tgt Ion: 83 Resp: 40729

Ion Ratio Lower Upper

83 100

85 65.3 51.9 77.9

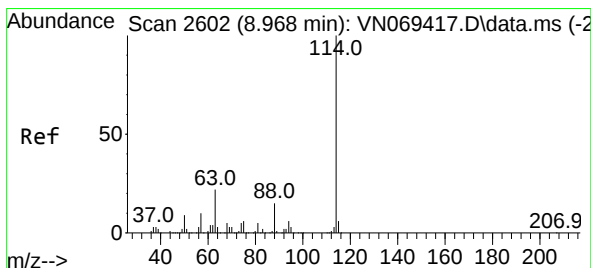
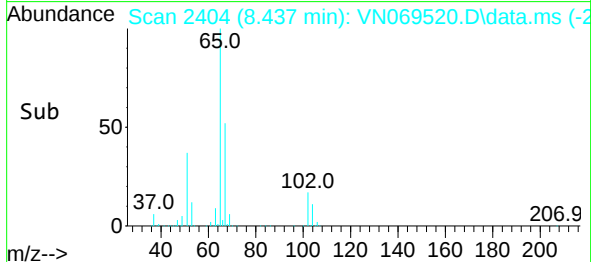
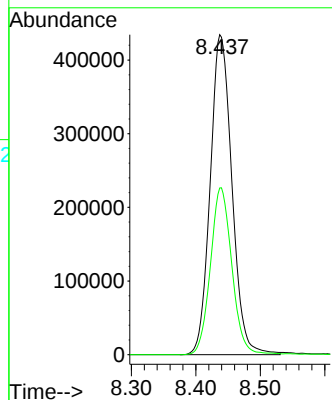
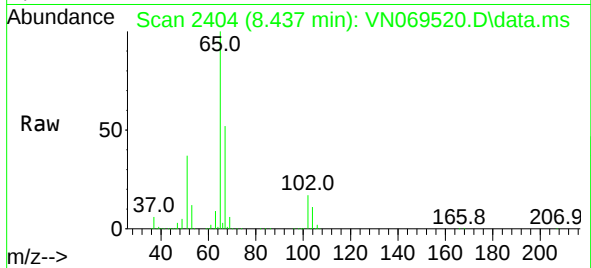




#33
 1,2-Dichloroethane-d4
 Concen: 51.013 ug/l
 RT: 8.437 min Scan# 2405
 Delta R.T. -0.003 min
 Lab File: VN069520.D
 Acq: 16 Nov 2021 20:14

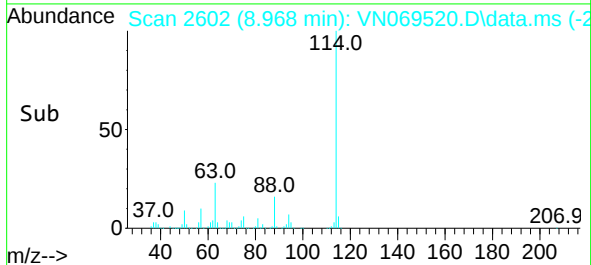
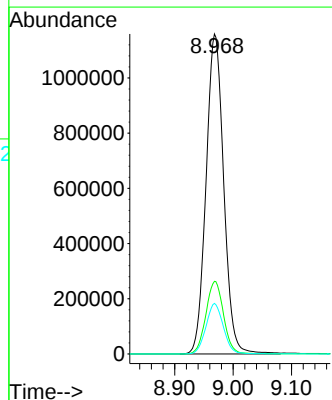
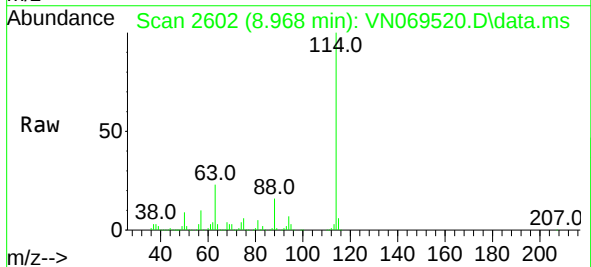
Instrument :
 MSVOA_N
 ClientSampleId :
 AEI-4

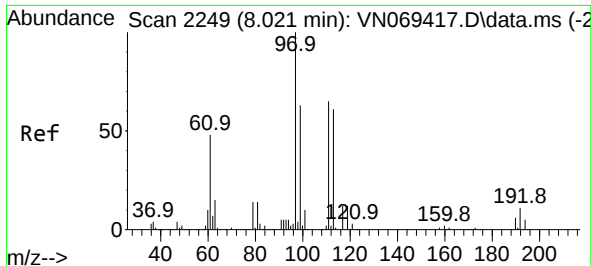
Tgt Ion: 65 Resp: 1017588
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN069520.D
 Acq: 16 Nov 2021 20:14

Tgt Ion: 114 Resp: 2438429
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 37.8
 88 15.8 0.0 27.4

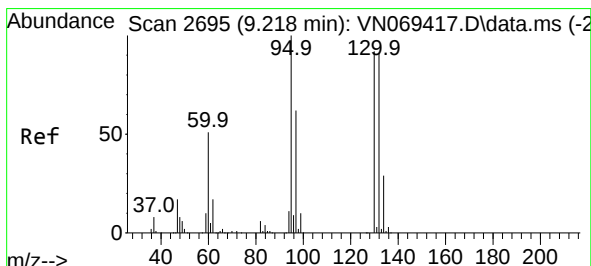
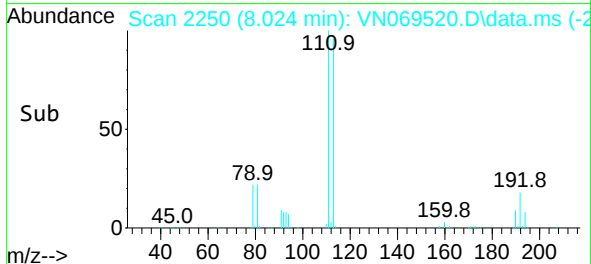
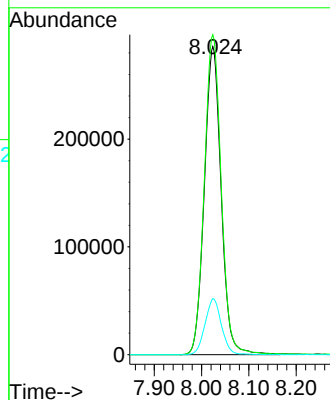
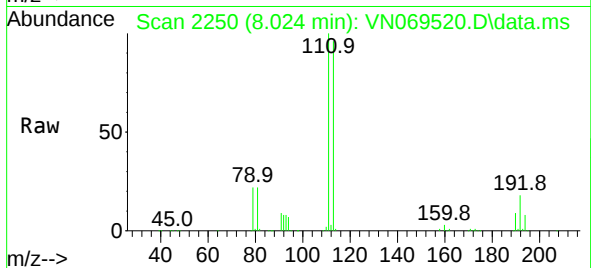




#35
Dibromofluoromethane
Concen: 48.293 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN069520.D
Acq: 16 Nov 2021 20:14

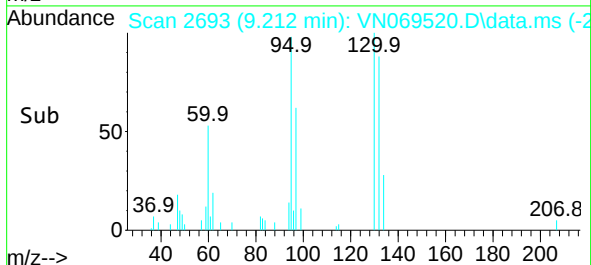
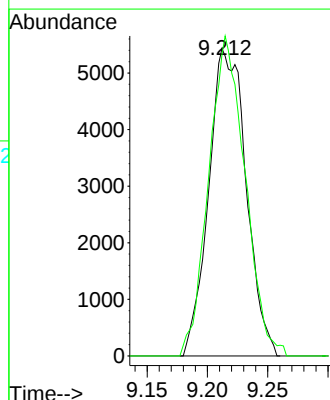
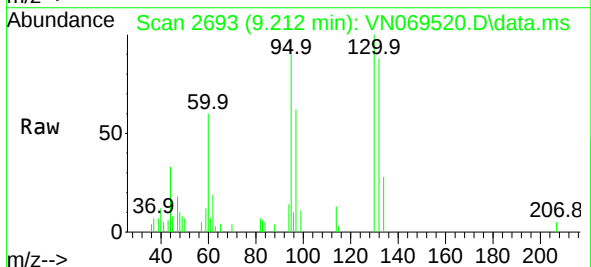
Instrument :
MSVOA_N
ClientSampleId :
AEI-4

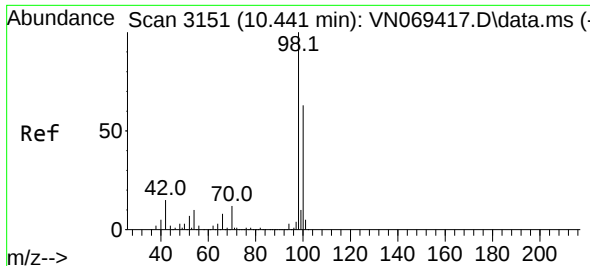
Tgt Ion:113 Resp: 706262
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 17.6 16.9 25.3



#44
Trichloroethene
Concen: 0.772 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.006 min
Lab File: VN069520.D
Acq: 16 Nov 2021 20:14

Tgt Ion:130 Resp: 11705
Ion Ratio Lower Upper
130 100
95 98.0 0.0 191.2

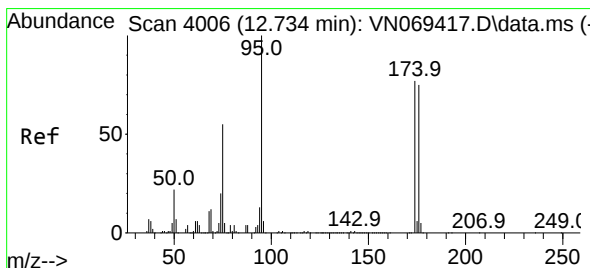
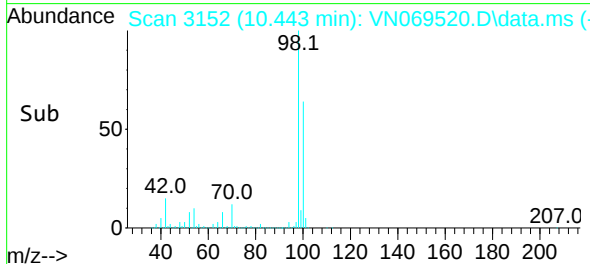
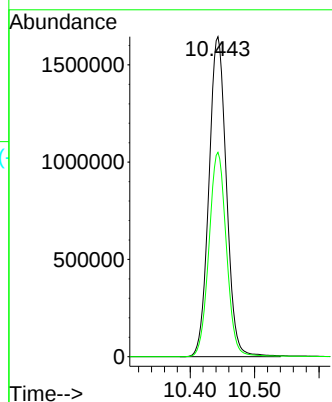
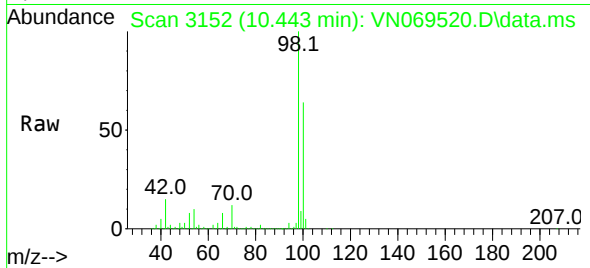




#50
Toluene-d8
Concen: 53.930 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069520.D
Acq: 16 Nov 2021 20:14

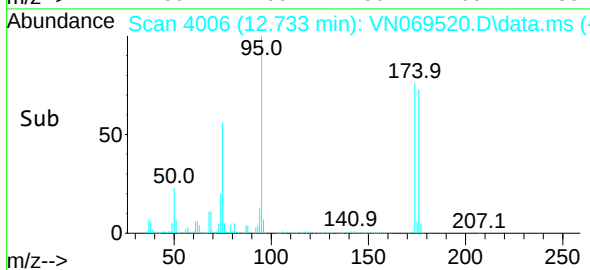
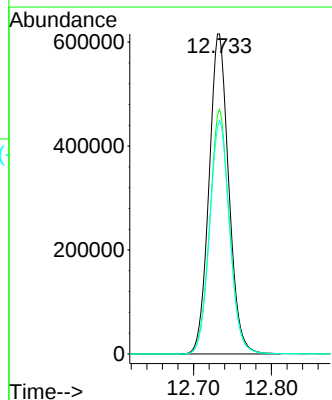
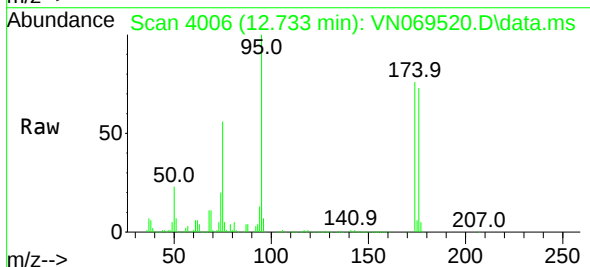
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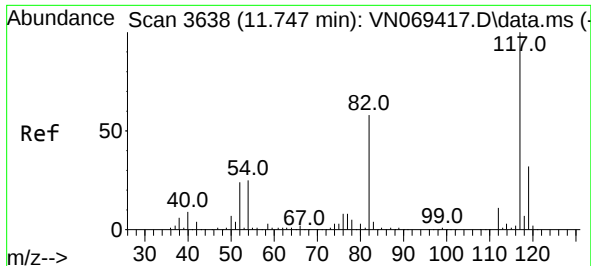
Tgt Ion: 98 Resp: 3101983
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.238 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069520.D
Acq: 16 Nov 2021 20:14

Tgt Ion: 95 Resp: 1082659
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.9 0.0 181.4

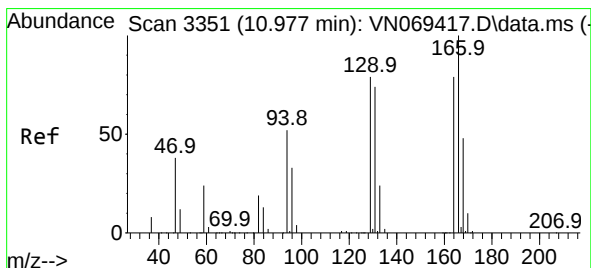
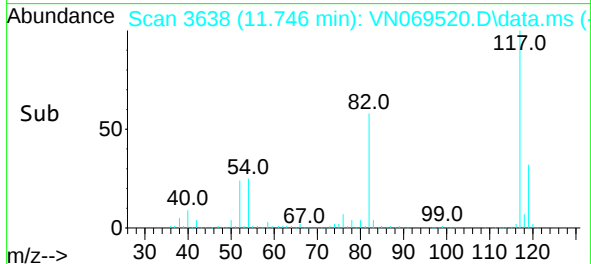
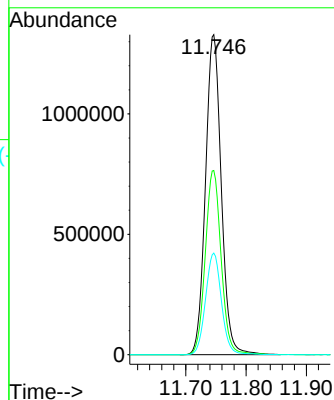
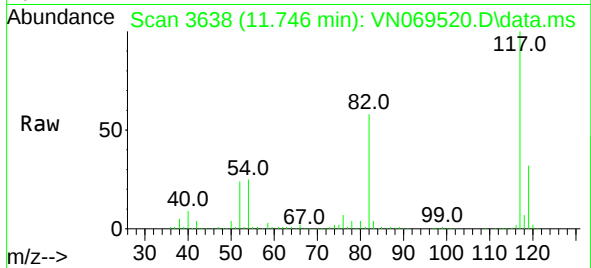




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 31
Delta R.T. -0.001 min
Lab File: VN069520.D
Acq: 16 Nov 2021 20:14

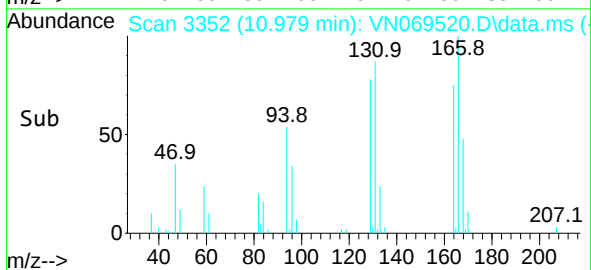
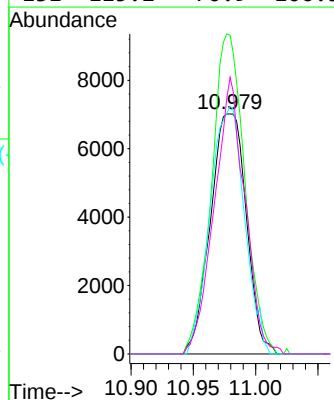
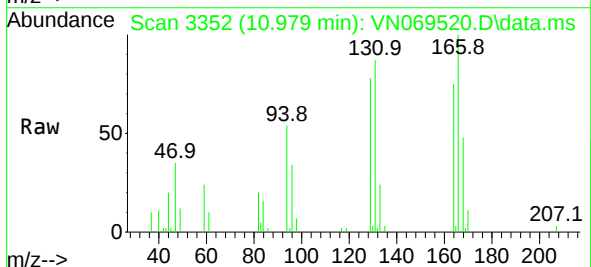
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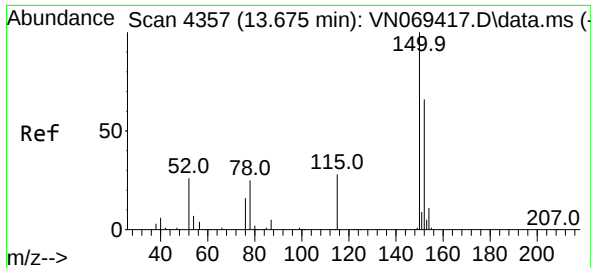
Tgt Ion:117 Resp: 2417986
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 0.961 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.002 min
Lab File: VN069520.D
Acq: 16 Nov 2021 20:14

Tgt Ion:164 Resp: 14036
Ion Ratio Lower Upper
164 100
166 132.8 101.9 152.9
129 103.3 72.0 108.0
131 115.2 70.9 106.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.678 min Scan# 41

Delta R.T. 0.002 min

Lab File: VN069520.D

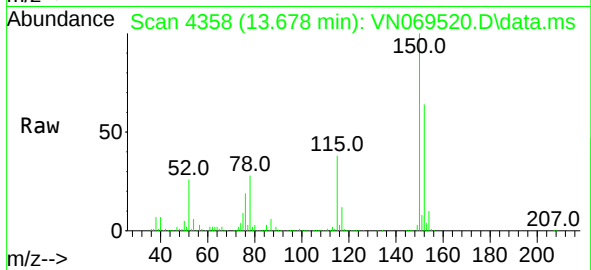
Acq: 16 Nov 2021 20:14

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:152 Resp: 899843

Ion Ratio Lower Upper

152 100

115 60.3 27.5 82.5

150 156.8 0.0 344.4

