

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
 Data File : VD069658.D
 Acq On : 09 Jul 2021 20:49
 Operator : VA/SY
 Sample : M2990-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-D

Quant Time: Jul 10 02:57:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

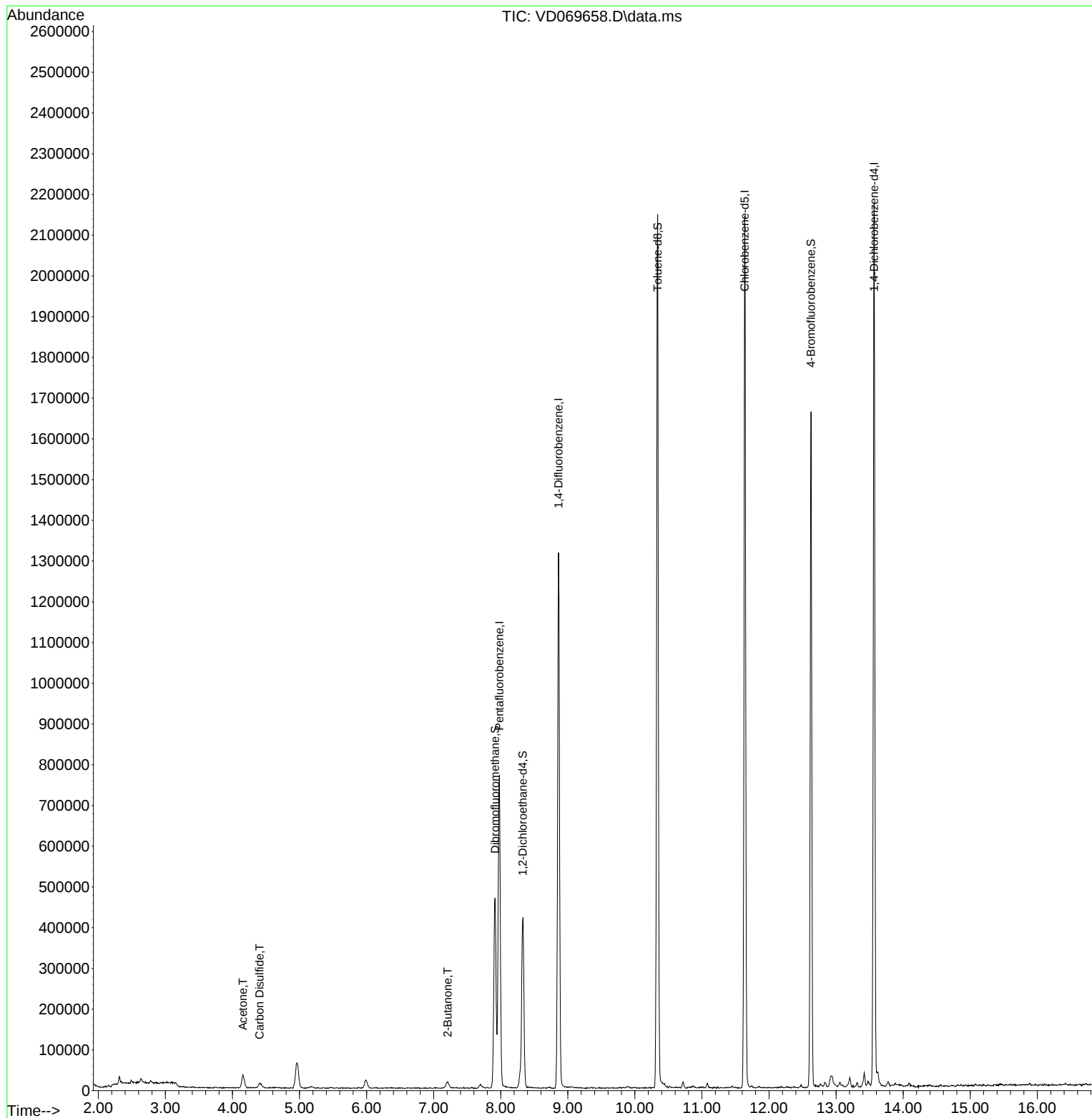
Internal Standards						
1) Pentafluorobenzene	7.979	168	534227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1068727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1207908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	555620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	337082	50.620	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.240%	
35) Dibromofluoromethane	7.914	113	344222	47.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.300%	
50) Toluene-d8	10.338	98	1458823	53.835	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.660%	
62) 4-Bromofluorobenzene	12.626	95	559303	62.782	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 125.560%	
Target Compounds						Qvalue
16) Acetone	4.156	43	53625	47.844	ug/l	94
17) Carbon Disulfide	4.403	76	23068	1.328	ug/l	100
25) 2-Butanone	7.209	43	13783	9.677	ug/l #	84

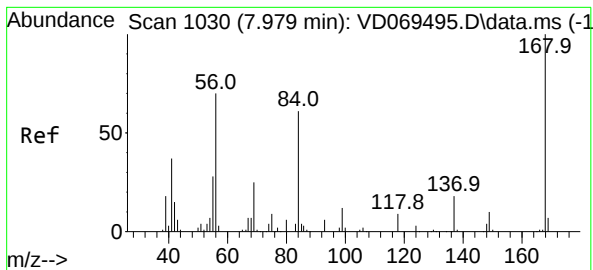
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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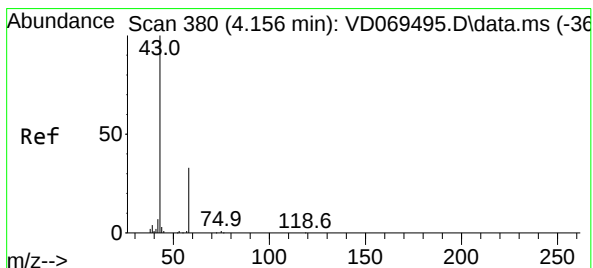
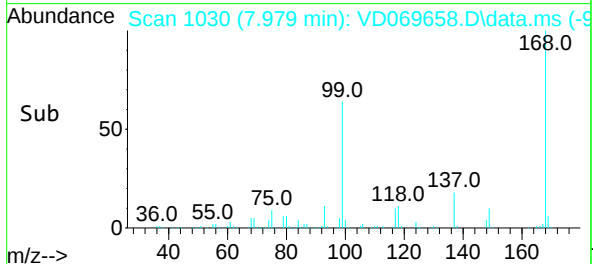
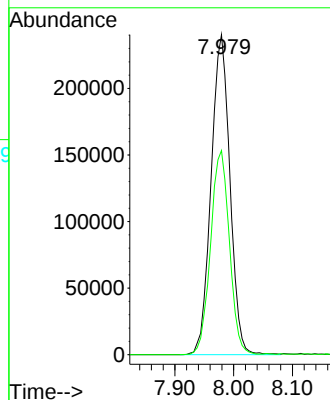
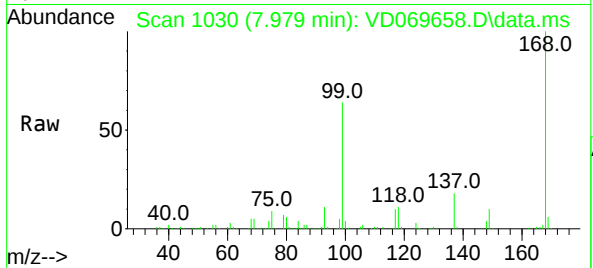




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069658.D
Acq: 09 Jul 2021 20:49

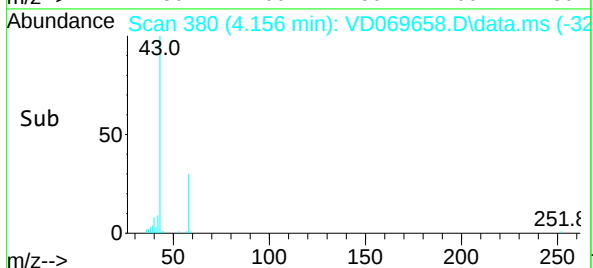
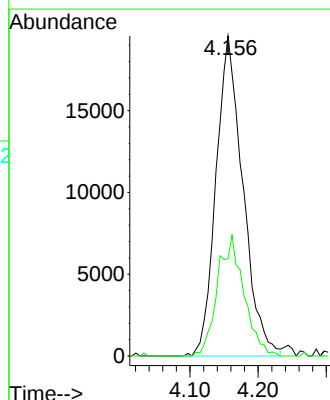
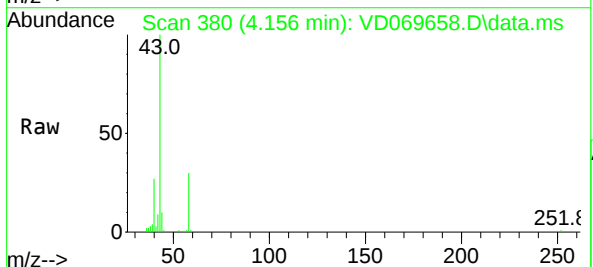
Instrument :
MSVOA_D
ClientSampleId :
TP-D

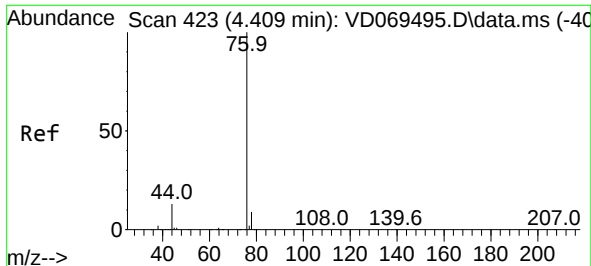
Tgt Ion:168 Resp: 534227
Ion Ratio Lower Upper
168 100
99 63.8 49.3 73.9



#16
Acetone
Concen: 47.844 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069658.D
Acq: 09 Jul 2021 20:49

Tgt Ion: 43 Resp: 53625
Ion Ratio Lower Upper
43 100
58 30.4 26.8 40.2

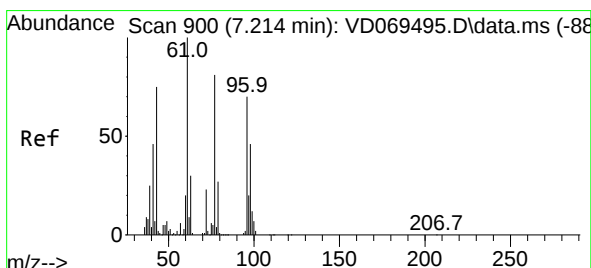
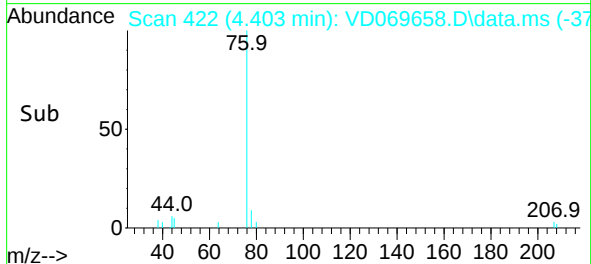
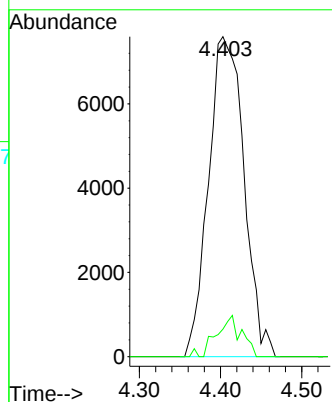
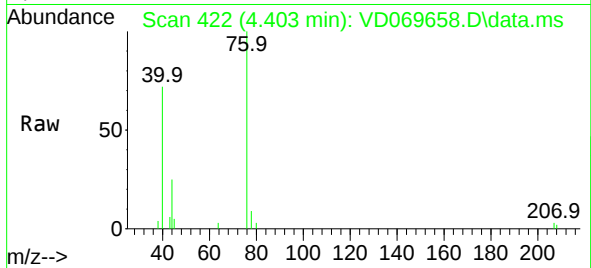




#17
Carbon Disulfide
Concen: 1.328 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069658.D
Acq: 09 Jul 2021 20:49

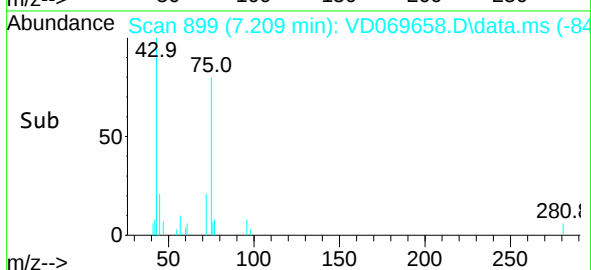
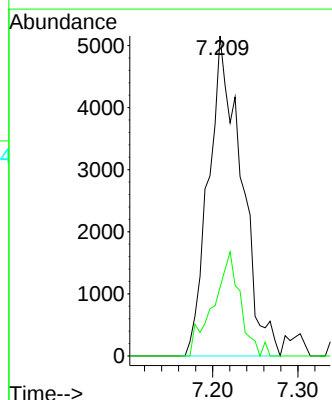
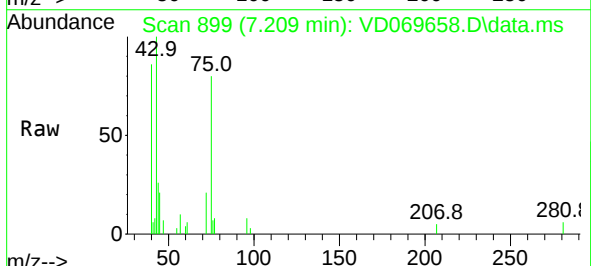
Instrument :
MSVOA_D
ClientSampled :
TP-D

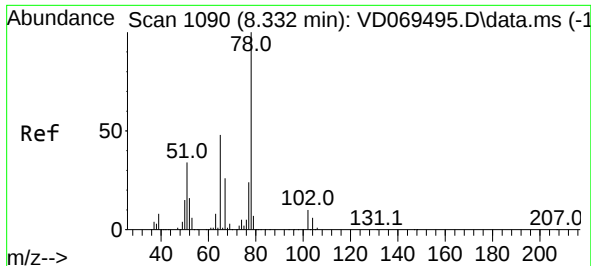
Tgt Ion: 76 Resp: 23068
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#25
2-Butanone
Concen: 9.677 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069658.D
Acq: 09 Jul 2021 20:49

Tgt Ion: 43 Resp: 13783
Ion Ratio Lower Upper
43 100
72 21.4 24.3 36.5#

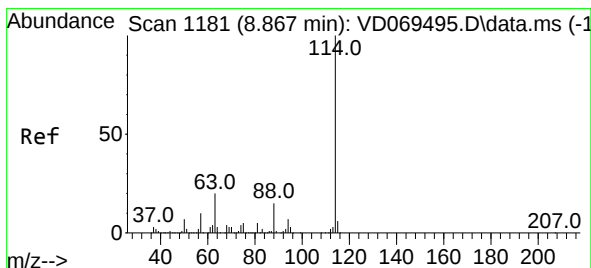
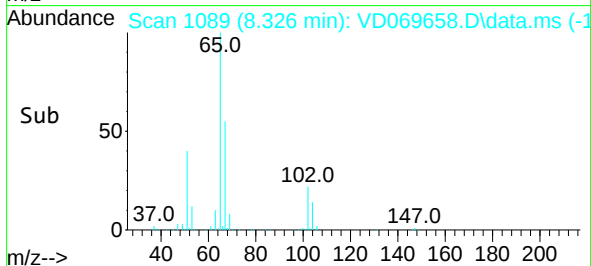
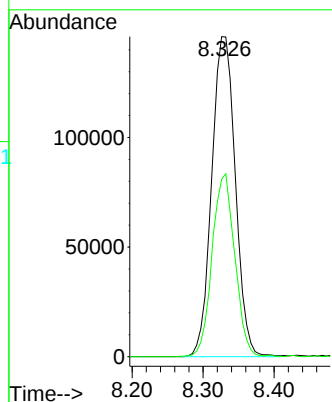
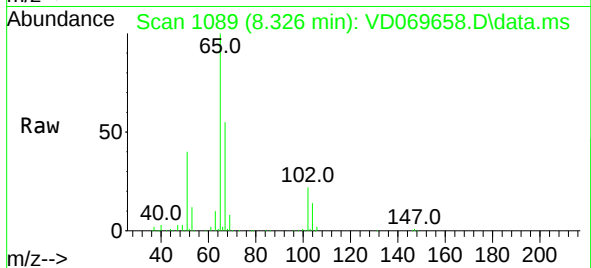




#33
1,2-Dichloroethane-d4
Concen: 50.620 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069658.D
Acq: 09 Jul 2021 20:49

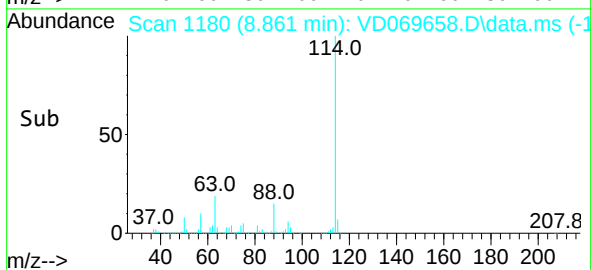
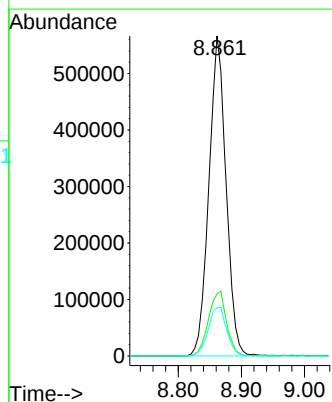
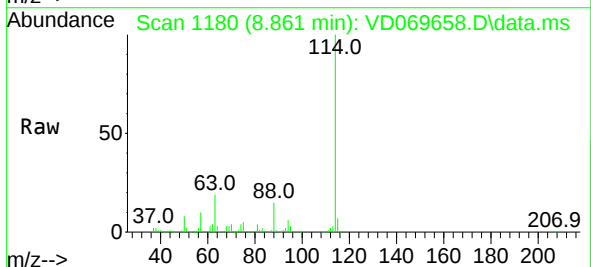
Instrument :
MSVOA_D
ClientSampled :
TP-D

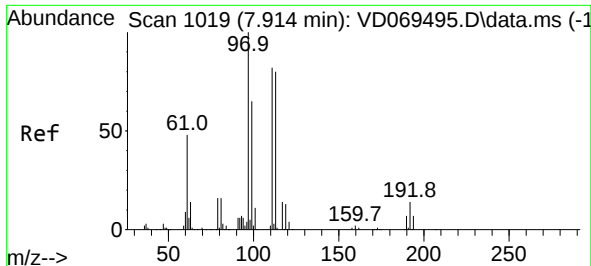
Tgt Ion: 65 Resp: 337082
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069658.D
Acq: 09 Jul 2021 20:49

Tgt Ion: 114 Resp: 1068727
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.6
88 15.1 0.0 29.8





#35

Dibromofluoromethane

Concen: 47.647 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069658.D

Acq: 09 Jul 2021 20:49

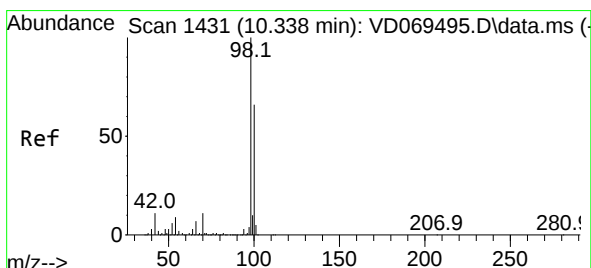
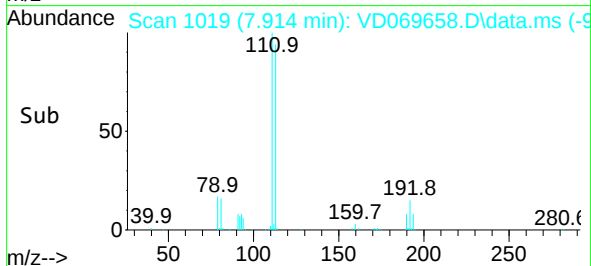
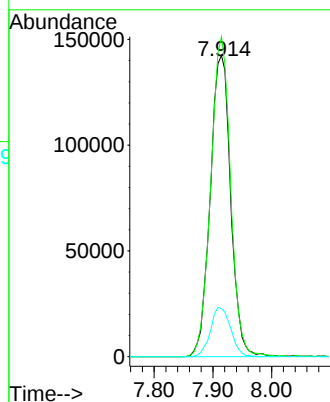
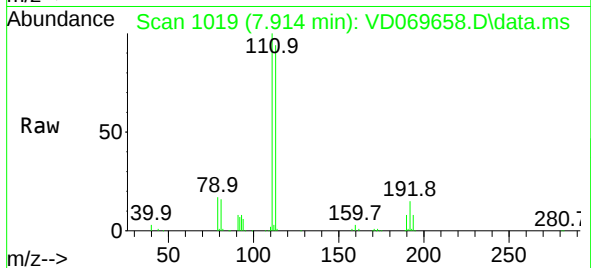
Tgt Ion:113 Resp: 344222

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

192 16.2 13.8 20.6



#50

Toluene-d8

Concen: 53.835 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069658.D

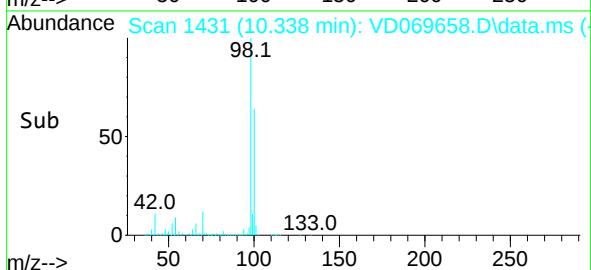
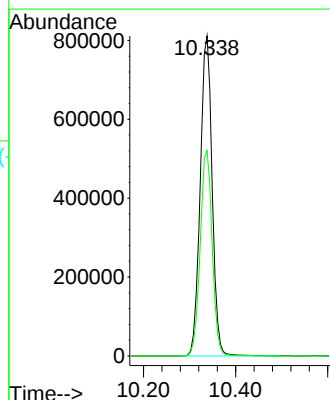
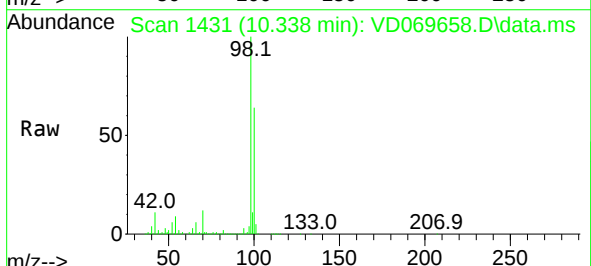
Acq: 09 Jul 2021 20:49

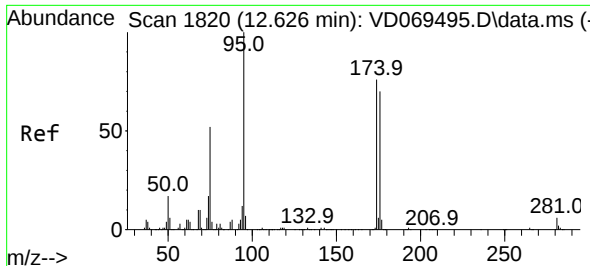
Tgt Ion: 98 Resp: 1458823

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5

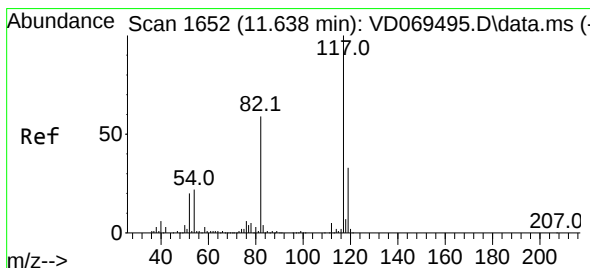
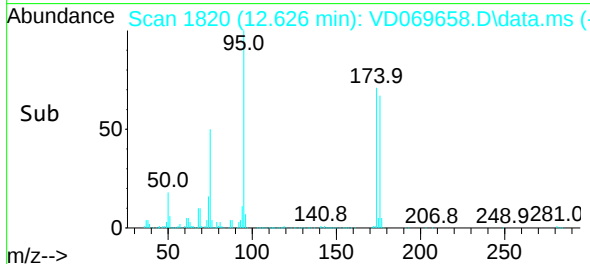
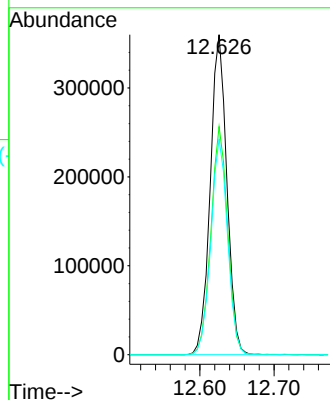
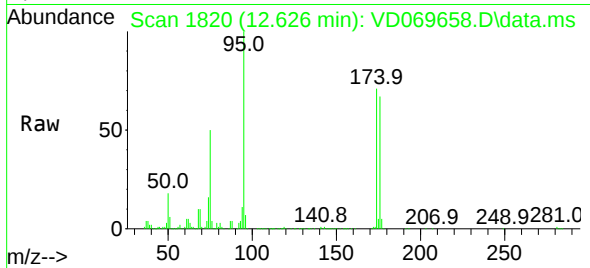




#62
4-Bromofluorobenzene
Concen: 62.782 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069658.D
Acq: 09 Jul 2021 20:49

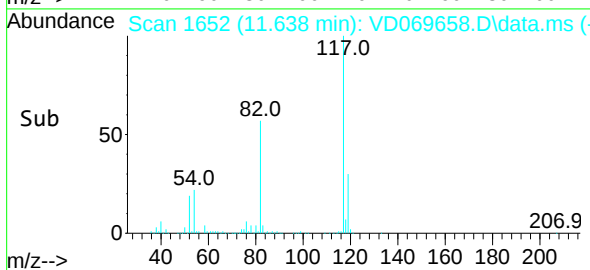
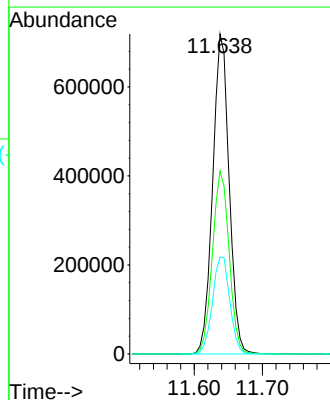
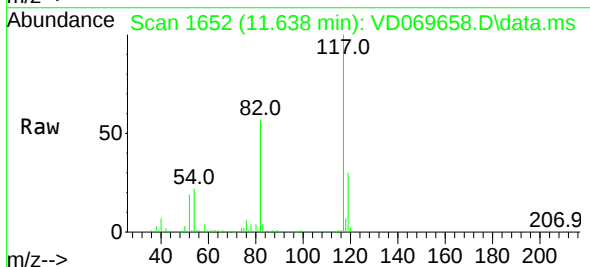
Instrument :
MSVOA_D
ClientSampled :
TP-D

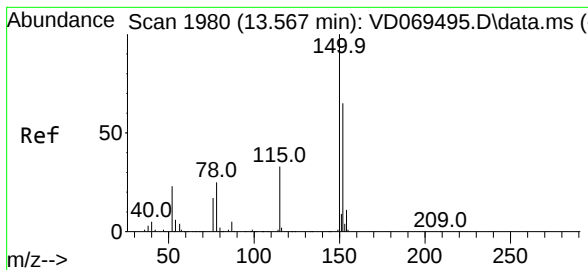
Tgt Ion: 95 Resp: 559303
Ion Ratio Lower Upper
95 100
174 72.1 0.0 148.0
176 68.0 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069658.D
Acq: 09 Jul 2021 20:49

Tgt Ion: 117 Resp: 1207908
Ion Ratio Lower Upper
117 100
82 57.2 46.8 70.2
119 30.3 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069658.D
 Acq: 09 Jul 2021 20:49

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-D

Tgt Ion:152 Resp: 555620
 Ion Ratio Lower Upper
 152 100
 115 62.9 31.7 95.1
 150 157.9 0.0 350.8

