

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069102.D
 Acq On : 07 May 2021 14:54
 Operator : VA/SY
 Sample : M2333-08
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW8-GW-658-660

Quant Time: May 08 00:08:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

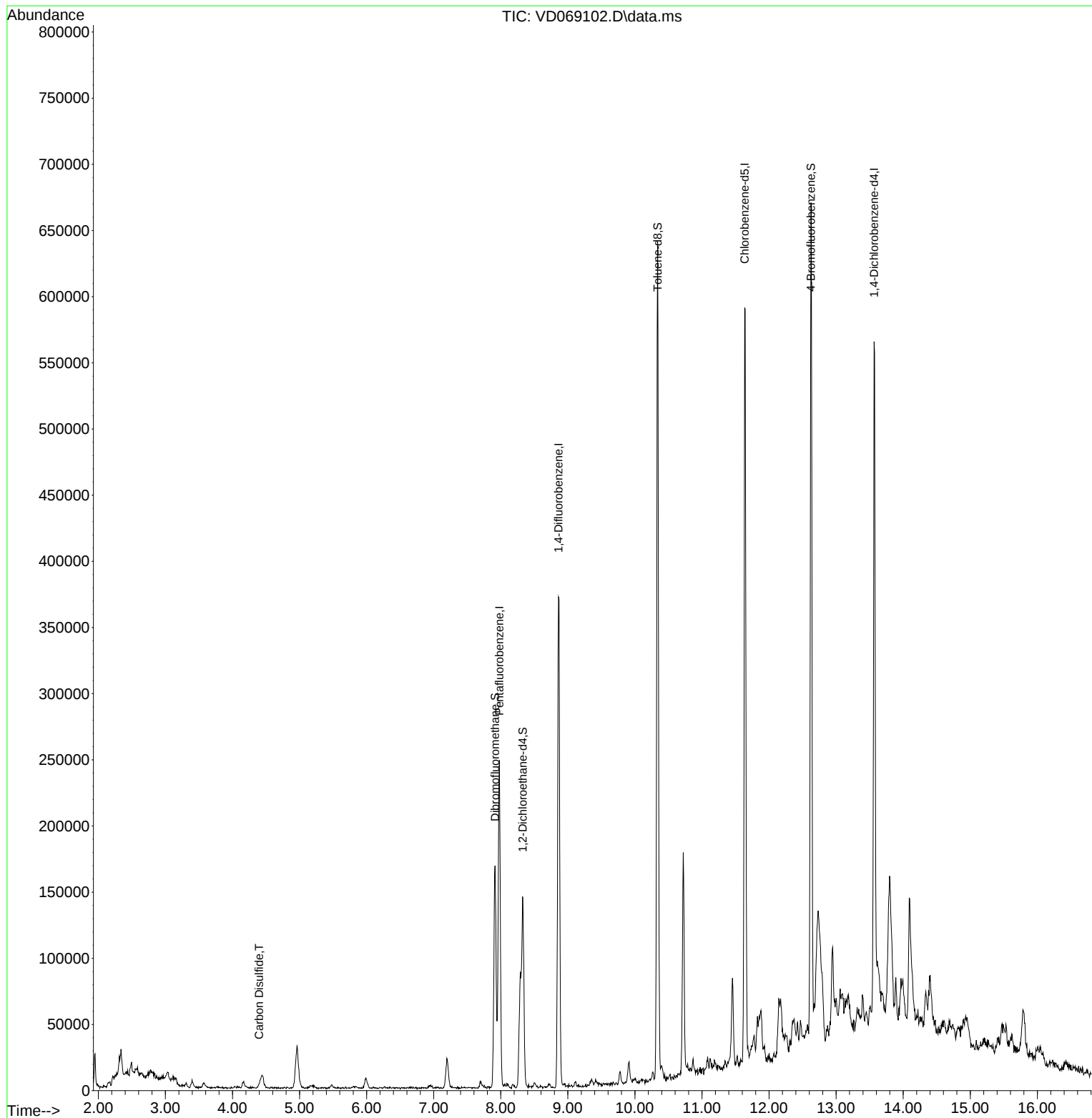
Internal Standards						
1) Pentafluorobenzene	7.979	168	172339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	338434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	342902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	137287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	102713	46.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.48%
35) Dibromofluoromethane	7.914	113	119016	51.28	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.56%
50) Toluene-d8	10.338	98	437527	51.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.12%
62) 4-Bromofluorobenzene	12.626	95	142172	50.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.90%
Target Compounds						
17) Carbon Disulfide	4.397	76	6320	1.04	ug/l	Qvalue # 87

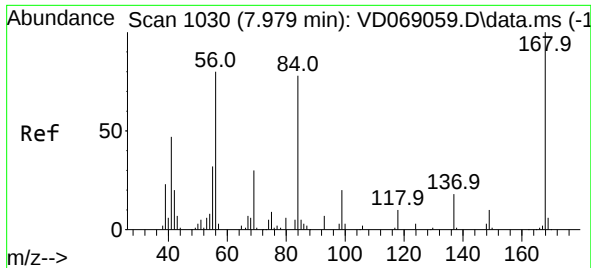
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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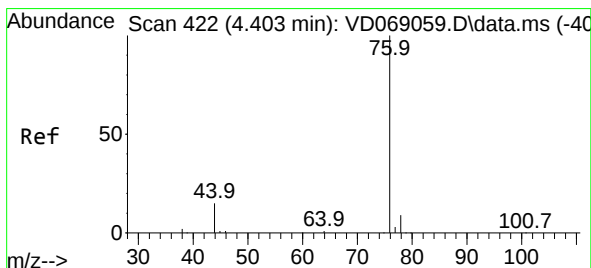
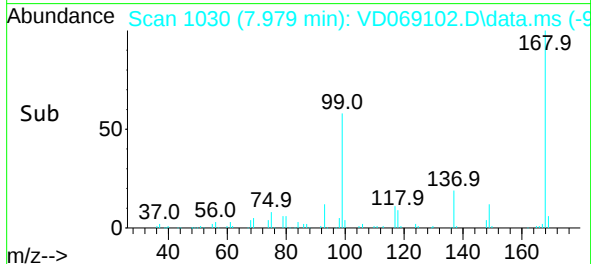
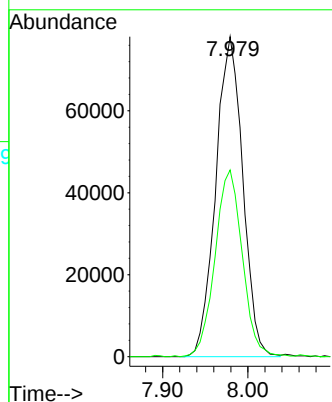
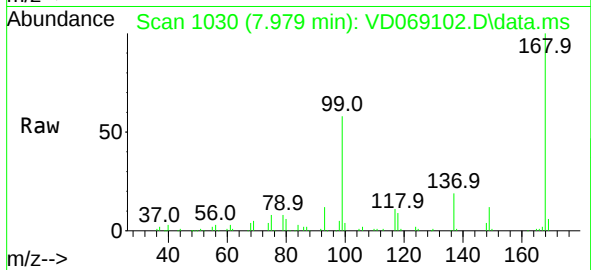




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069102.D
Acq: 07 May 2021 14:54

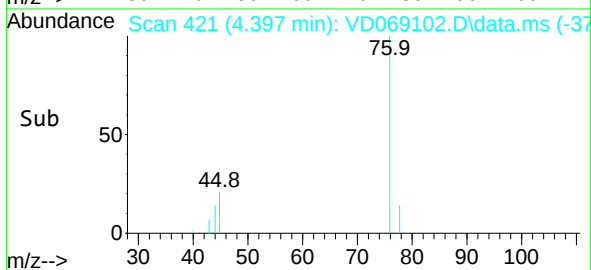
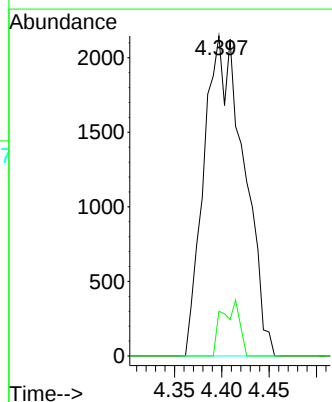
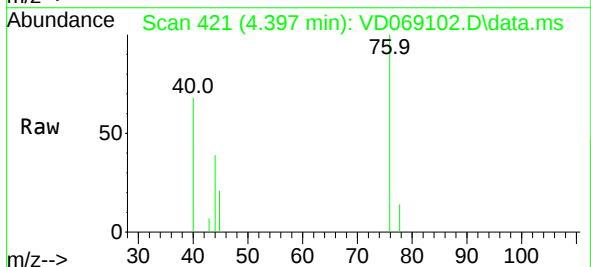
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-658-660

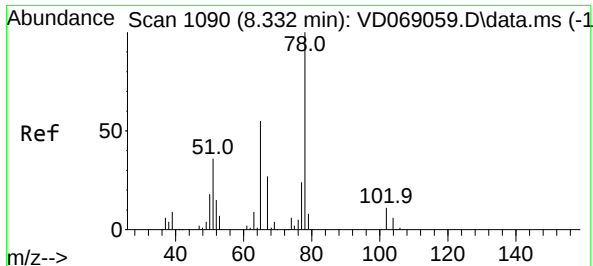
Tgt Ion:168 Resp: 172339
Ion Ratio Lower Upper
168 100
99 58.4 52.6 78.8



#17
Carbon Disulfide
Concen: 1.04 ug/l
RT: 4.397 min Scan# 421
Delta R.T. -0.006 min
Lab File: VD069102.D
Acq: 07 May 2021 14:54

Tgt Ion: 76 Resp: 6320
Ion Ratio Lower Upper
76 100
78 14.0 7.4 11.2#

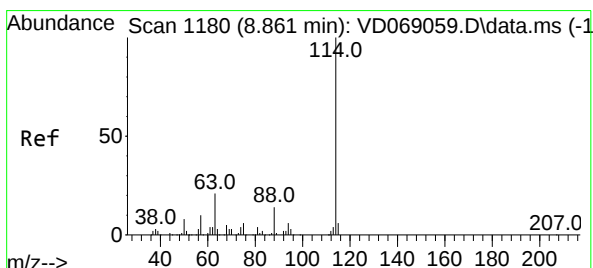
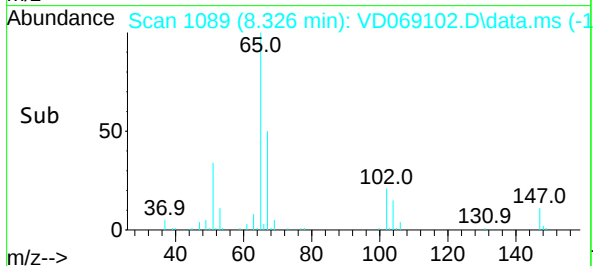
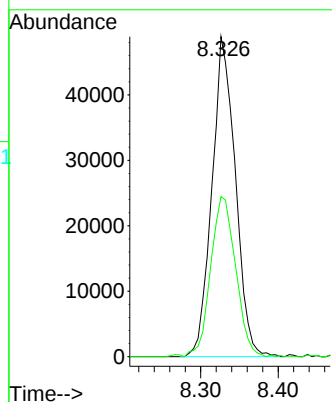
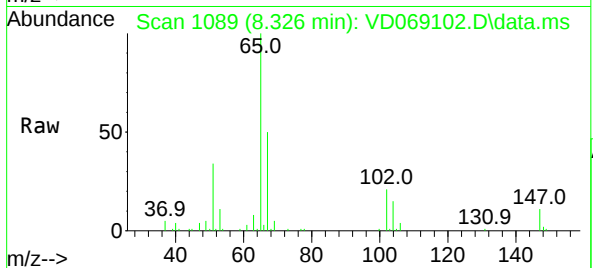




#33
1,2-Dichloroethane-d4
Concen: 46.24 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069102.D
Acq: 07 May 2021 14:54

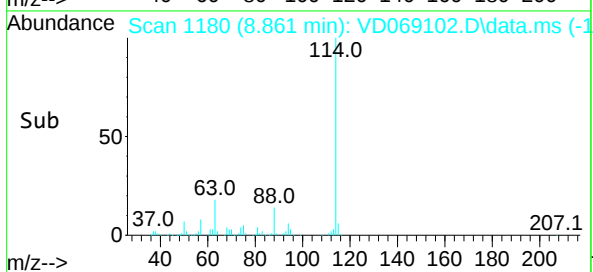
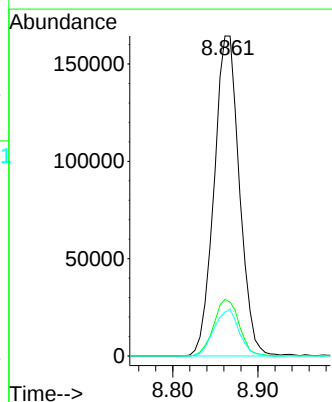
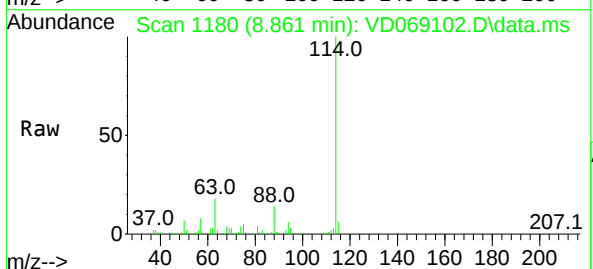
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-658-660

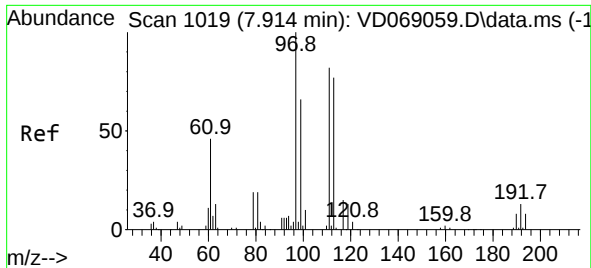
Tgt Ion: 65 Resp: 102713
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069102.D
Acq: 07 May 2021 14:54

Tgt Ion: 114 Resp: 338434
Ion Ratio Lower Upper
114 100
63 17.7 0.0 41.4
88 13.7 0.0 27.8

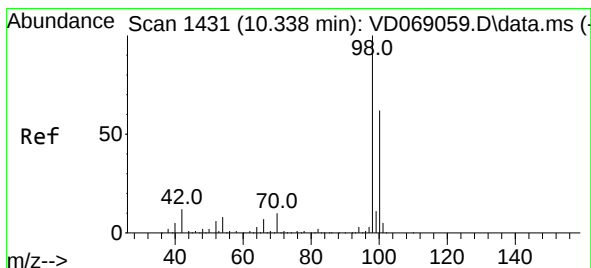
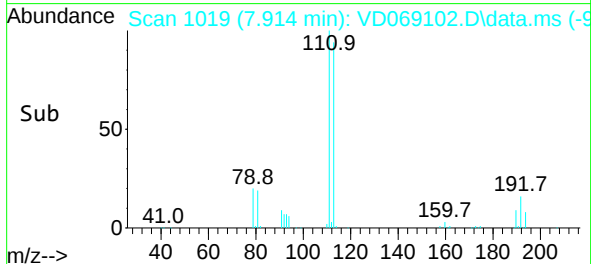
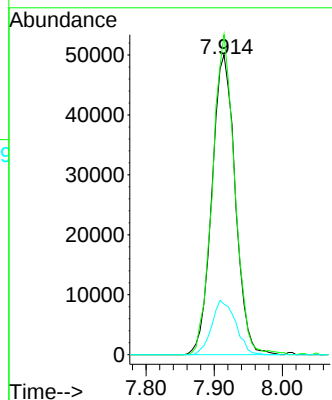
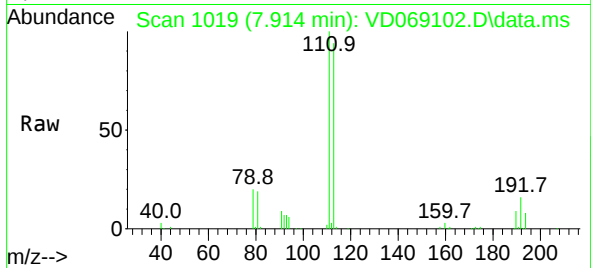




#35
Dibromofluoromethane
Concen: 51.28 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069102.D
Acq: 07 May 2021 14:54

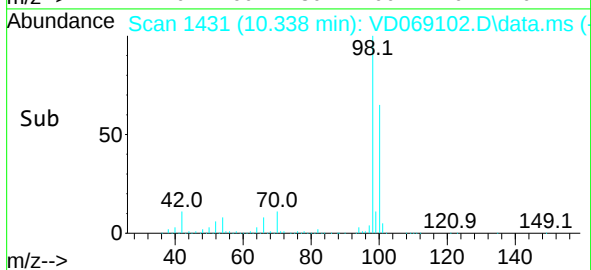
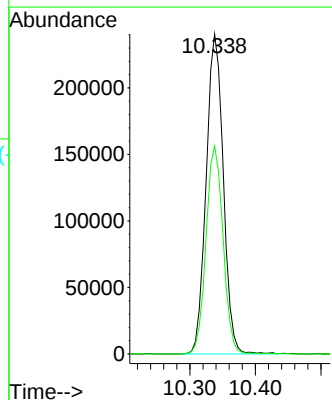
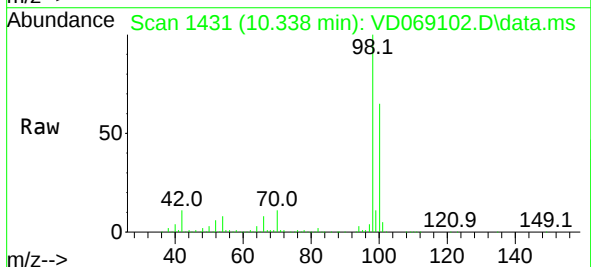
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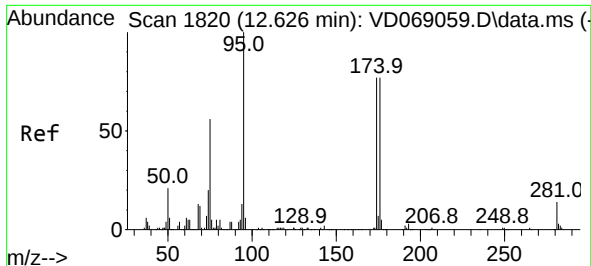
Tgt Ion:113 Resp: 119016
Ion Ratio Lower Upper
113 100
111 102.6 84.6 126.8
192 18.6 13.5 20.3



#50
Toluene-d8
Concen: 51.06 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069102.D
Acq: 07 May 2021 14:54

Tgt Ion: 98 Resp: 437527
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

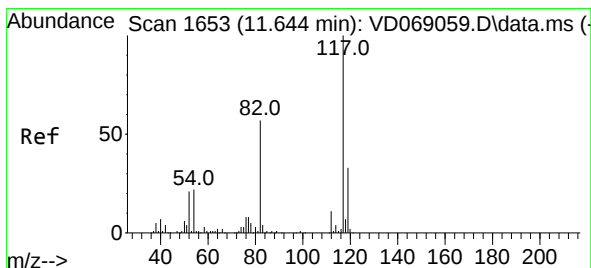
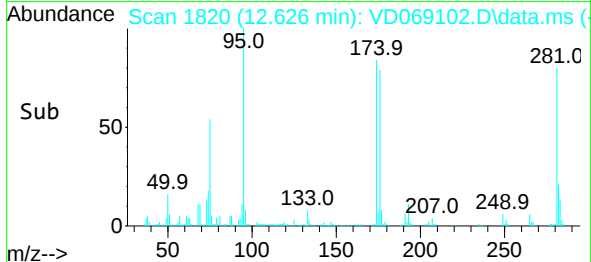
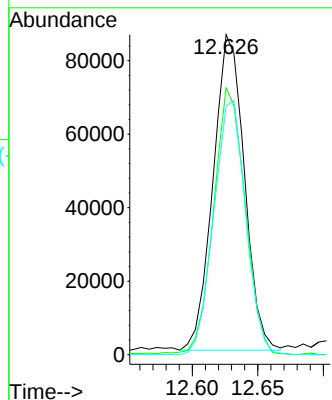
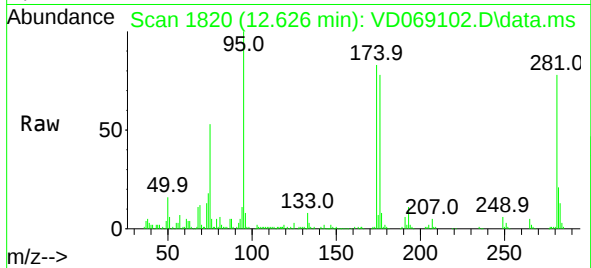




#62
4-Bromofluorobenzene
Concen: 50.45 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069102.D
Acq: 07 May 2021 14:54

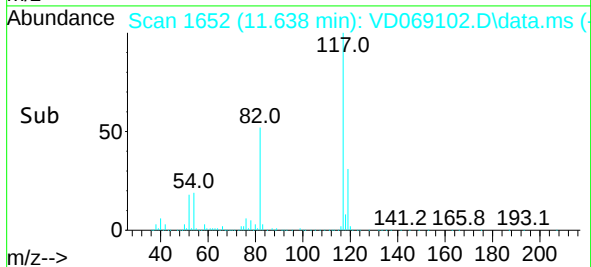
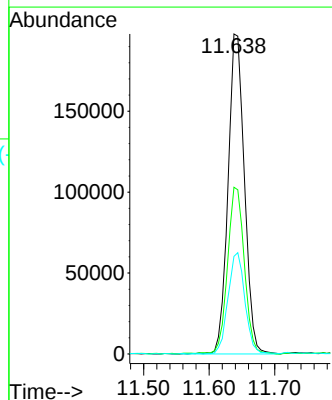
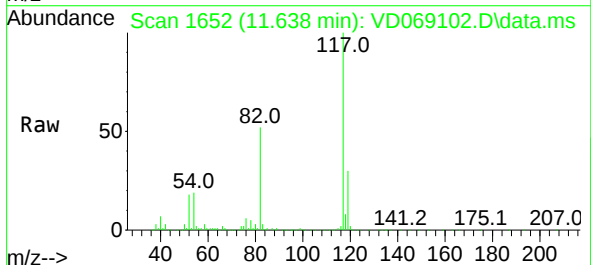
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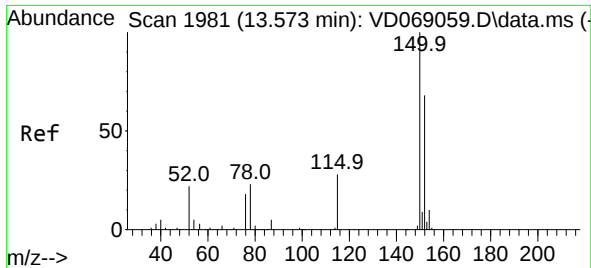
Tgt Ion: 95 Resp: 142172
Ion Ratio Lower Upper
95 100
174 85.7 0.0 156.0
176 82.4 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069102.D
Acq: 07 May 2021 14:54

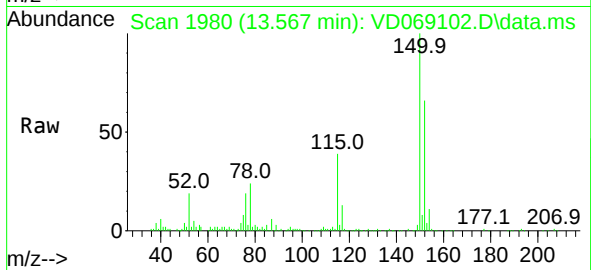
Tgt Ion: 117 Resp: 342902
Ion Ratio Lower Upper
117 100
82 52.1 45.4 68.2
119 30.4 26.8 40.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD069102.D
 Acq: 07 May 2021 14:54

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW8-GW-658-660



Tgt Ion:152 Resp: 137287
 Ion Ratio Lower Upper
 152 100
 115 60.7 30.5 91.5
 150 157.1 0.0 340.8

