

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
 Data File : VD069127.D
 Acq On : 10 May 2021 17:11
 Operator : VA/SY
 Sample : M2280-02
 Misc : 6.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-072

Quant Time: May 11 01:04:33 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)

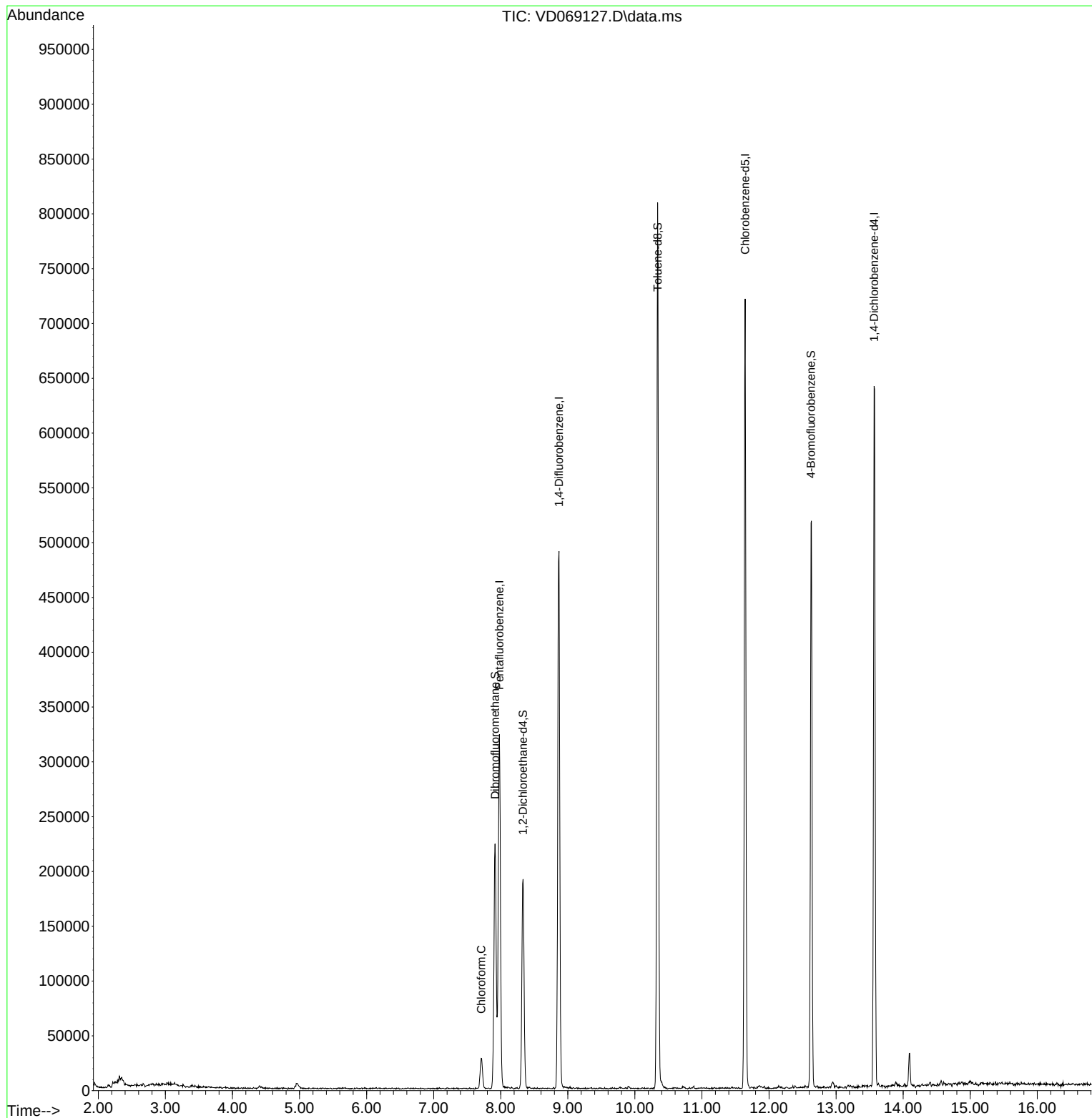
Internal Standards						
1) Pentafluorobenzene	7.979	168	239285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	444729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	415910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	174585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	155625	50.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.92%	
35) Dibromofluoromethane	7.914	113	160003	52.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.92%	
50) Toluene-d8	10.338	98	557448	49.51	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.02%	
62) 4-Bromofluorobenzene	12.626	95	165532	44.70	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.40%	
Target Compounds						Qvalue
30) Chloroform	7.708	83	26348	4.62	ug/l	90

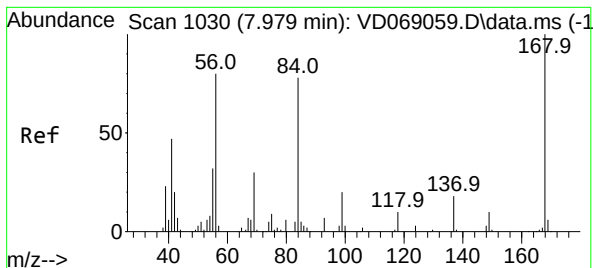
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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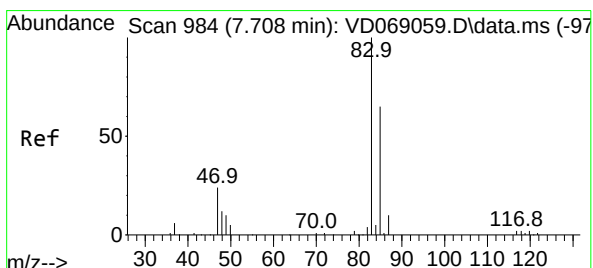
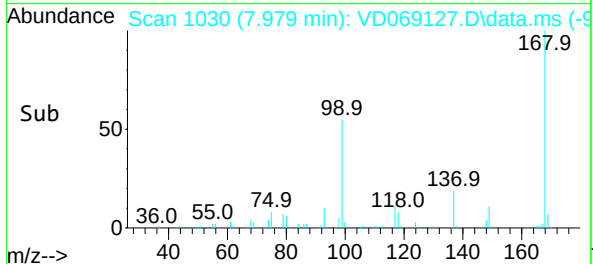
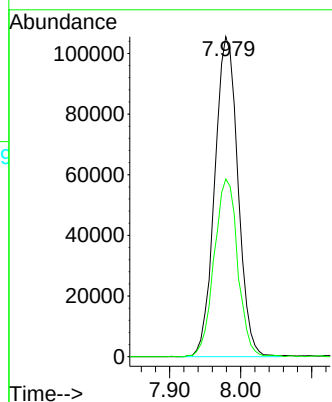
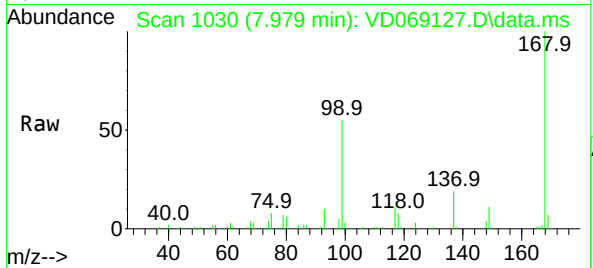




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

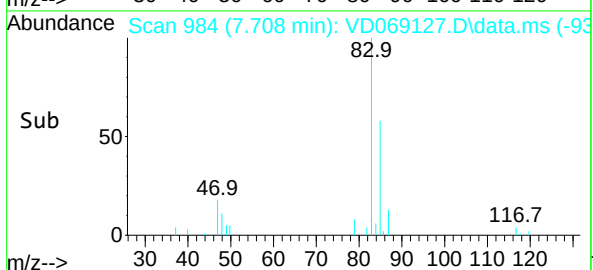
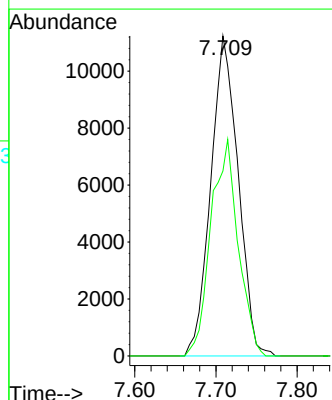
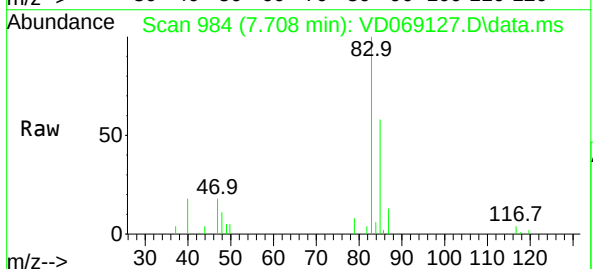
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-072

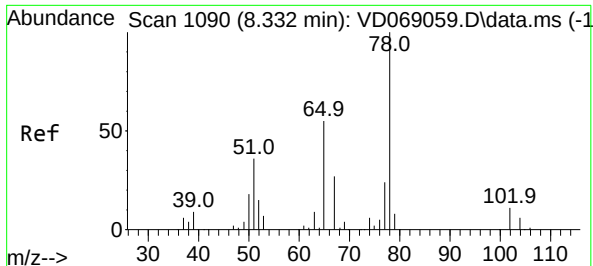
Tgt Ion:168 Resp: 239285
Ion Ratio Lower Upper
168 100
99 55.5 52.6 78.8



#30
Chloroform
Concen: 4.62 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

Tgt Ion: 83 Resp: 26348
Ion Ratio Lower Upper
83 100
85 57.8 52.4 78.6

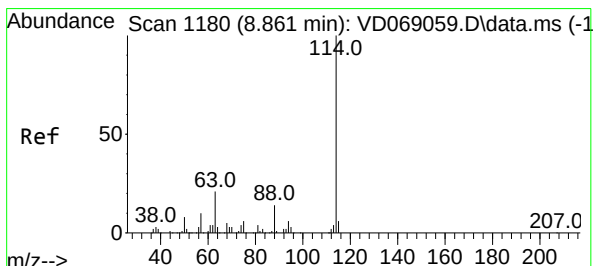
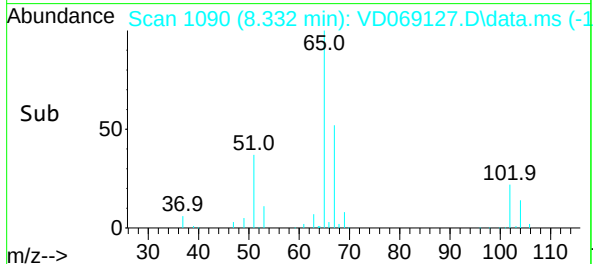
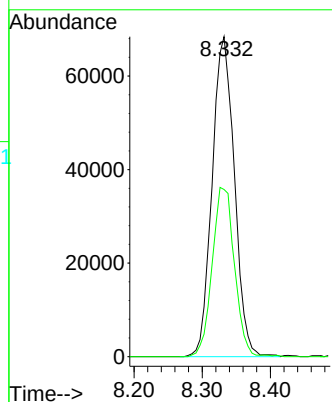
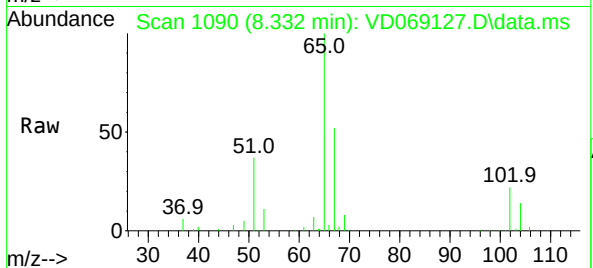




#33
1,2-Dichloroethane-d4
Concen: 50.46 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

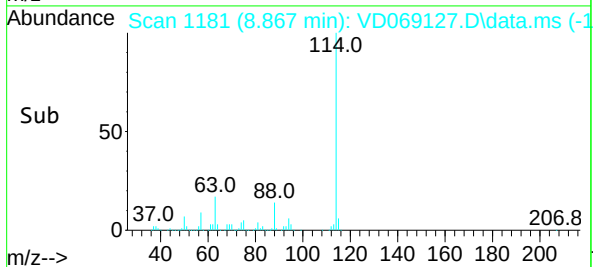
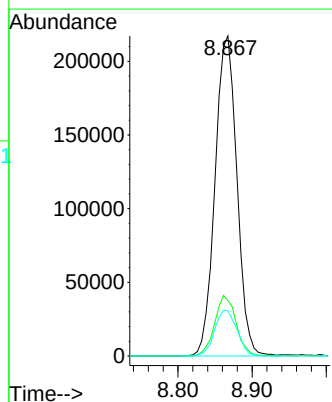
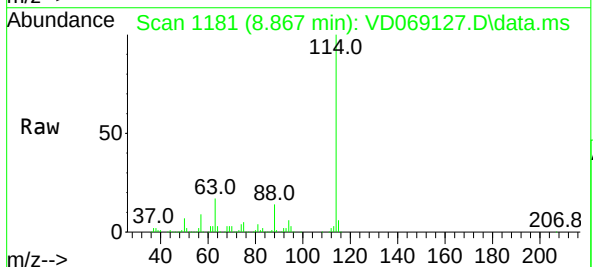
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-072

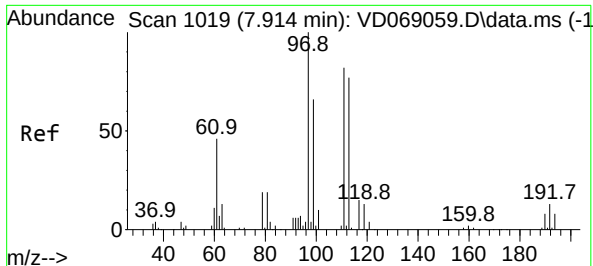
Tgt Ion: 65 Resp: 155625
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

Tgt Ion: 114 Resp: 444729
Ion Ratio Lower Upper
114 100
63 17.3 0.0 41.4
88 14.1 0.0 27.8





#35

Dibromofluoromethane

Concen: 52.46 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069127.D

Acq: 10 May 2021 17:11

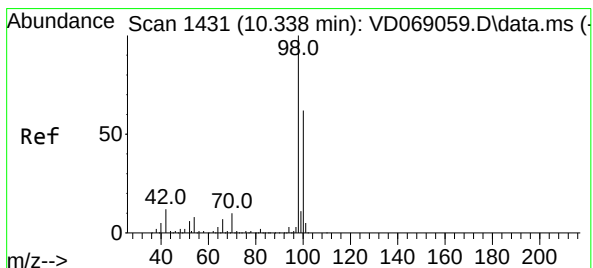
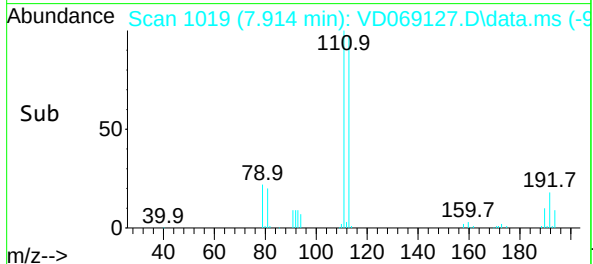
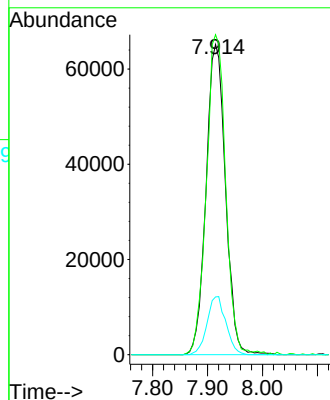
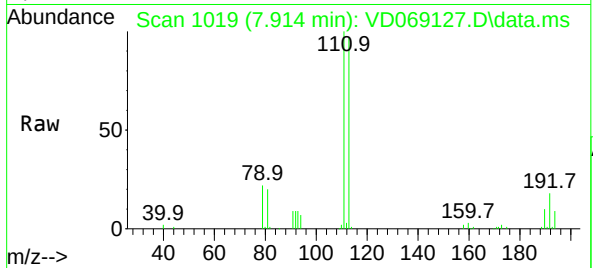
Tgt Ion:113 Resp: 160003

Ion Ratio Lower Upper

113 100

111 102.2 84.6 126.8

192 18.1 13.5 20.3



#50

Toluene-d8

Concen: 49.51 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VD069127.D

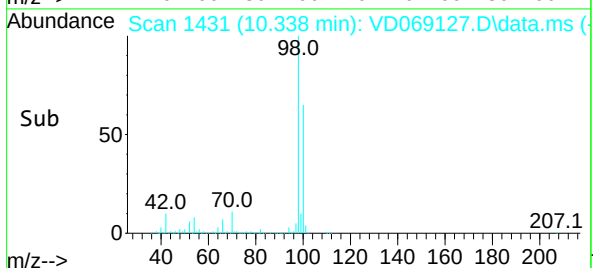
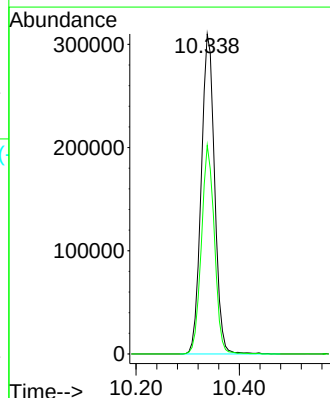
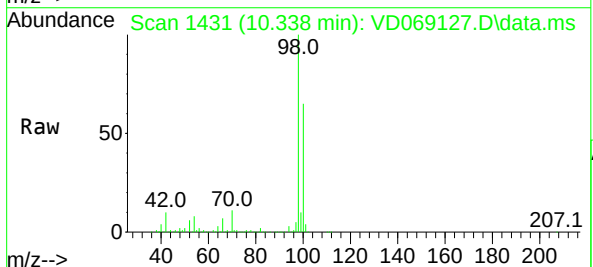
Acq: 10 May 2021 17:11

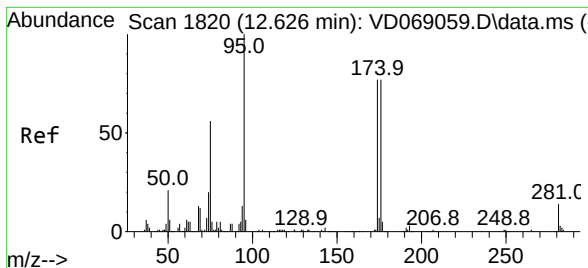
Tgt Ion: 98 Resp: 557448

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4

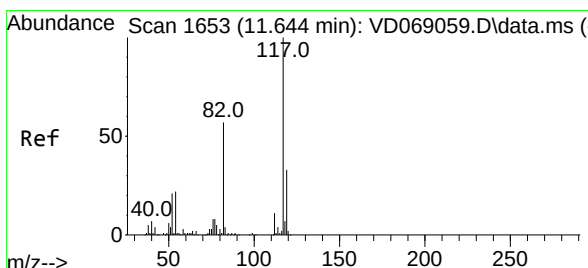
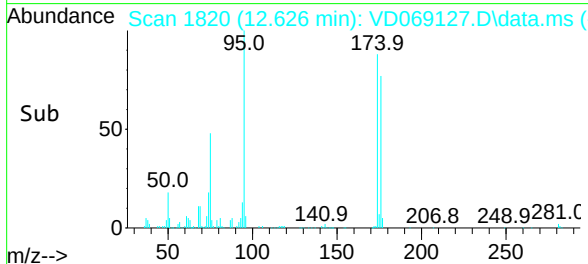
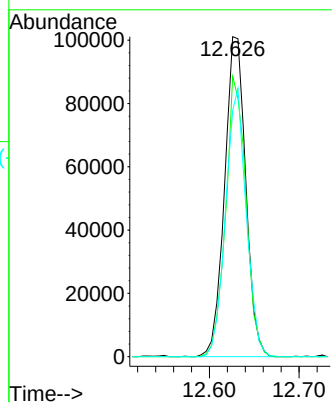
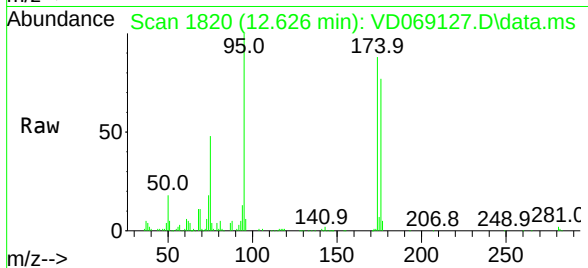




#62
4-Bromofluorobenzene
Concen: 44.70 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

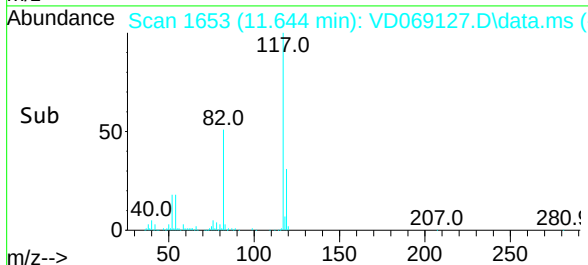
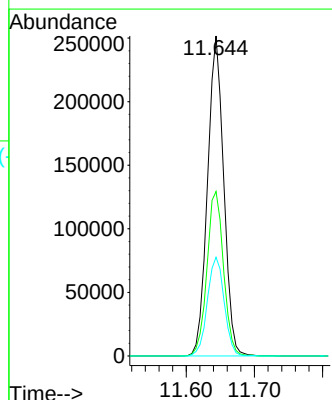
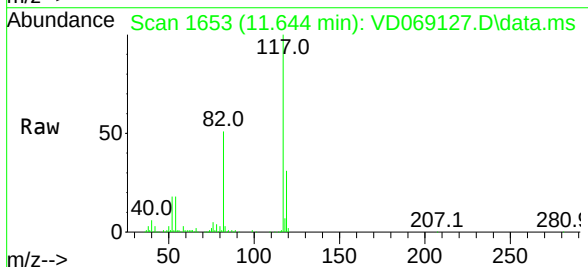
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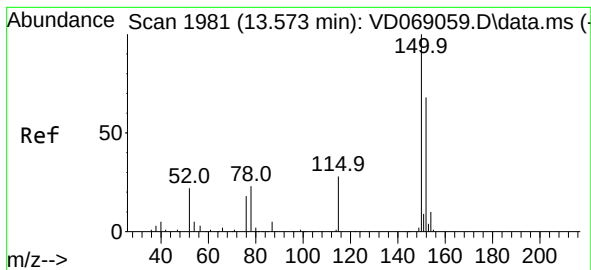
Tgt Ion: 95 Resp: 165532
Ion Ratio Lower Upper
95 100
174 83.9 0.0 156.0
176 81.7 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069127.D
Acq: 10 May 2021 17:11

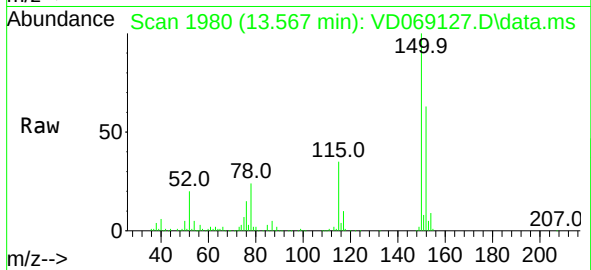
Tgt Ion: 117 Resp: 415910
Ion Ratio Lower Upper
117 100
82 51.4 45.4 68.2
119 30.8 26.8 40.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD069127.D
 Acq: 10 May 2021 17:11

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-072



Tgt Ion:152 Resp: 174585
 Ion Ratio Lower Upper
 152 100
 115 57.1 30.5 91.5
 150 156.4 0.0 340.8

