

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069913.D
 Acq On : 29 Jul 2021 15:59
 Operator : VA/SY
 Sample : M3210-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2(1.0-1.5)

Quant Time: Jul 30 00:56:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

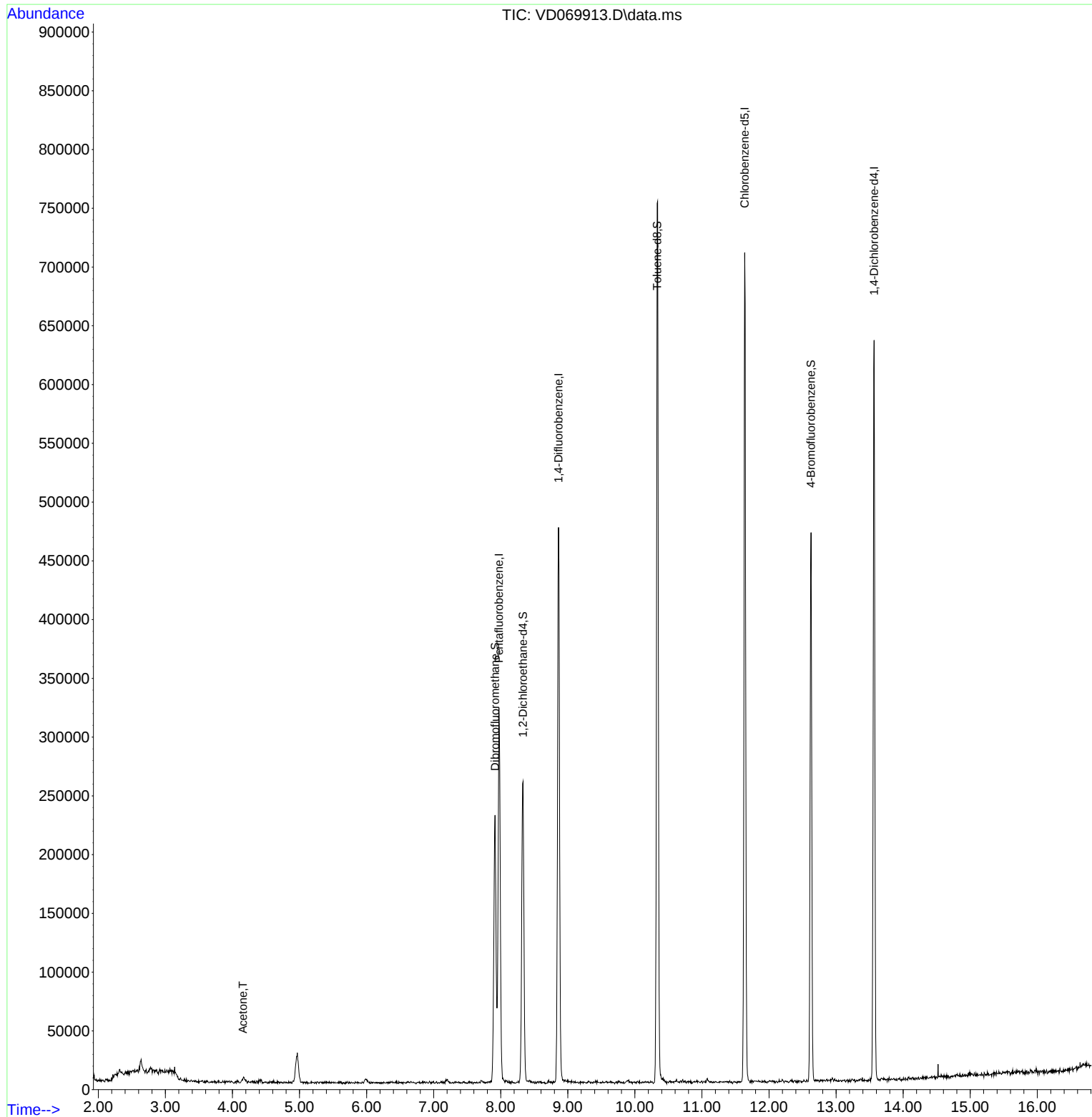
Internal Standards						
1) Pentafluorobenzene	7.973	168	220777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	405143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	418453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	166295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	206687	81.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.800%	
35) Dibromofluoromethane	7.914	113	163054	63.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.680%	
50) Toluene-d8	10.332	98	525838	53.395	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.780%	
62) 4-Bromofluorobenzene	12.626	95	163676	49.730	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.460%	
Target Compounds						
16) Acetone	4.156	43	6885	15.010	ug/l	Qvalue # 87

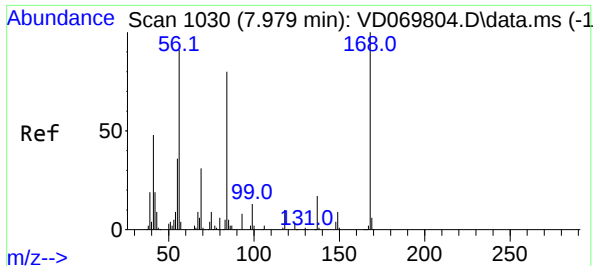
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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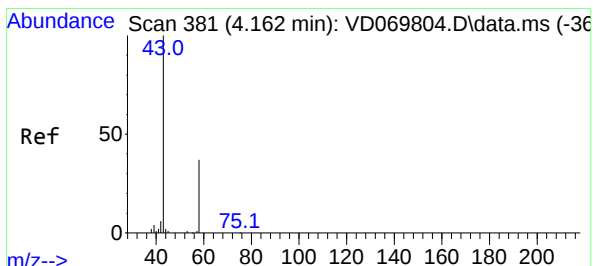
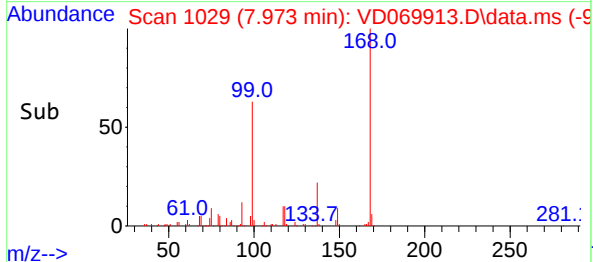
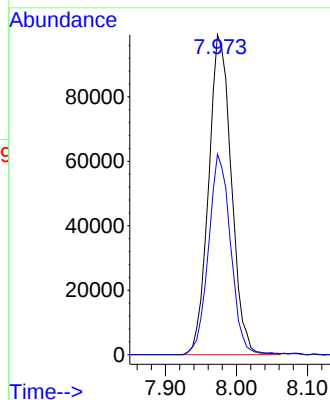
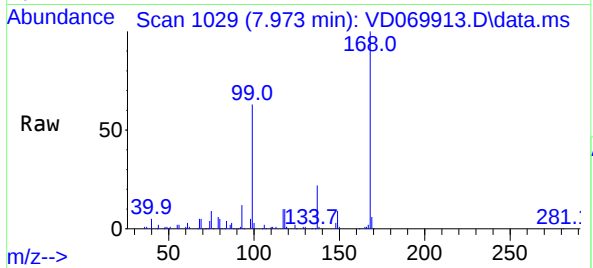




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

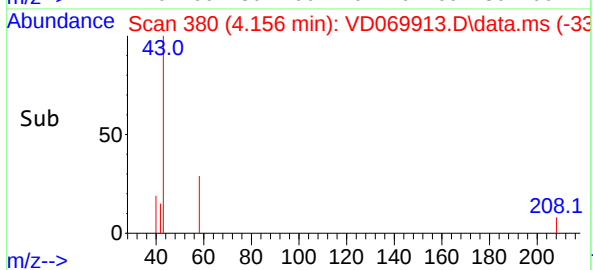
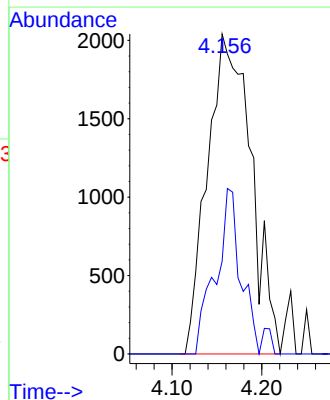
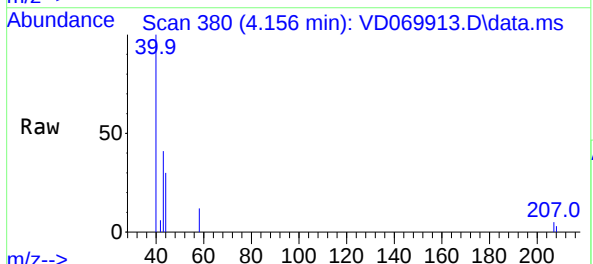
Instrument :
MSVOA_D
ClientSampleId :
SB-2(1.0-1.5)

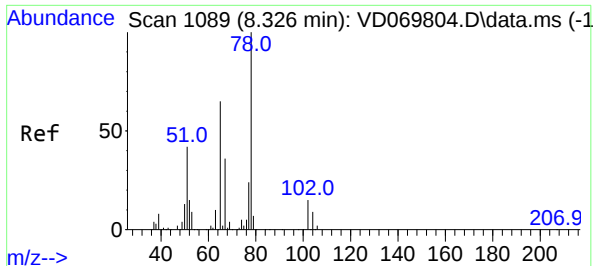
Tgt Ion:168 Resp: 220777
Ion Ratio Lower Upper
168 100
99 62.7 51.1 76.7



#16
Acetone
Concen: 15.010 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

Tgt Ion: 43 Resp: 6885
Ion Ratio Lower Upper
43 100
58 29.0 29.4 44.0#

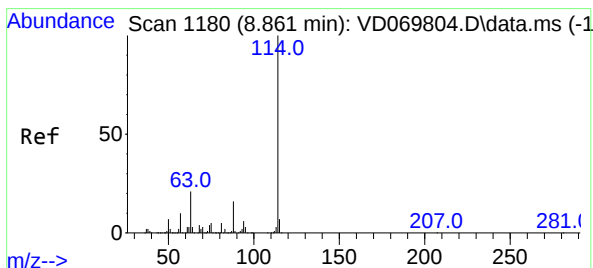
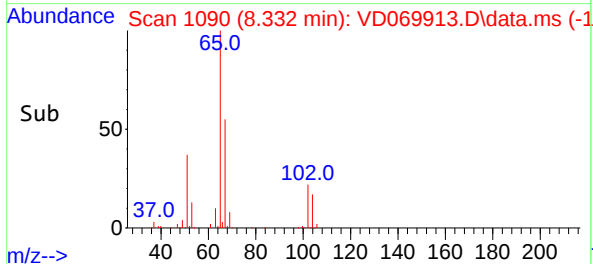
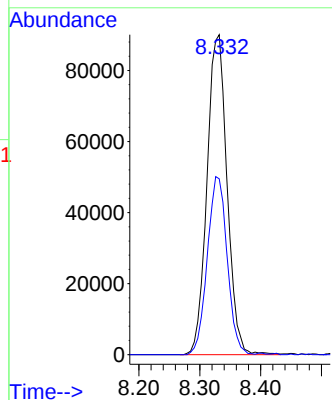
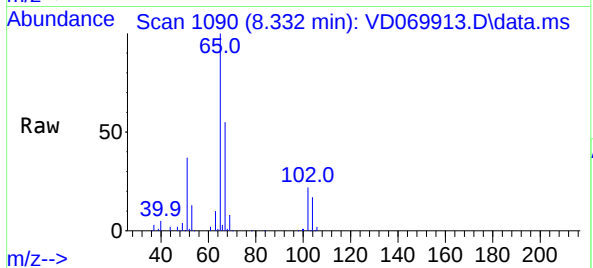




#33
1,2-Dichloroethane-d4
Concen: 81.401 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

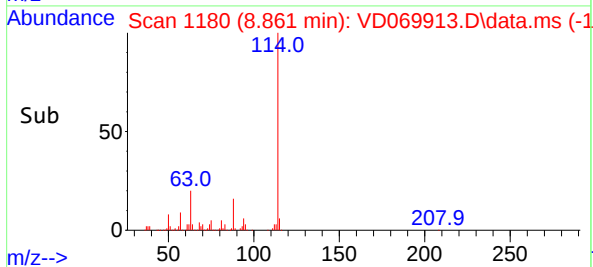
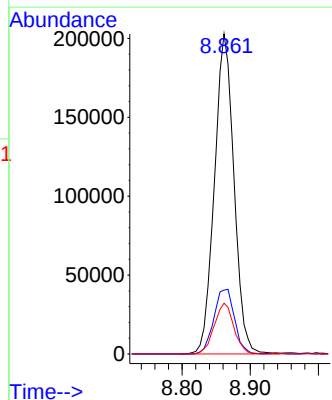
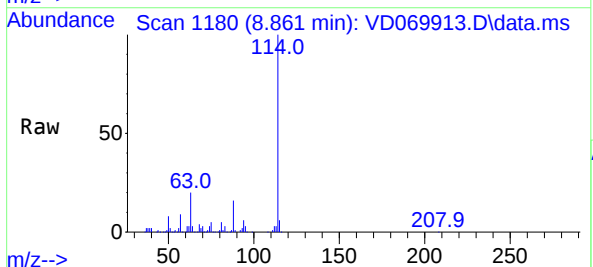
Instrument :
MSVOA_D
ClientSampleId :
SB-2(1.0-1.5)

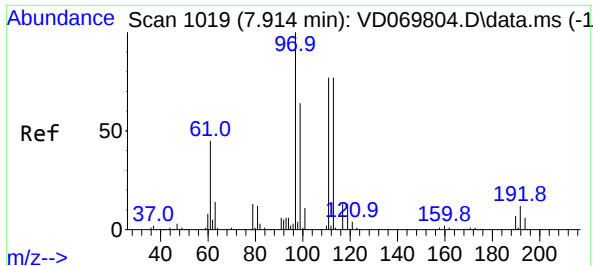
Tgt Ion: 65 Resp: 206687
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

Tgt Ion: 114 Resp: 405143
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 15.8 0.0 31.4

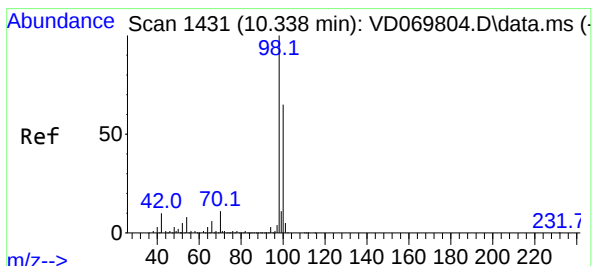
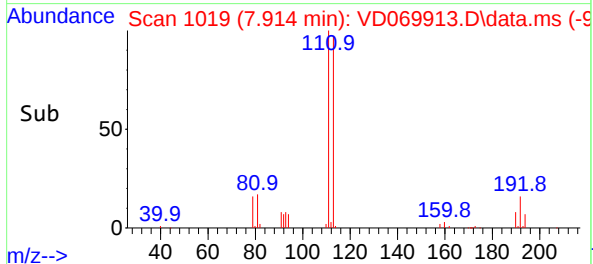
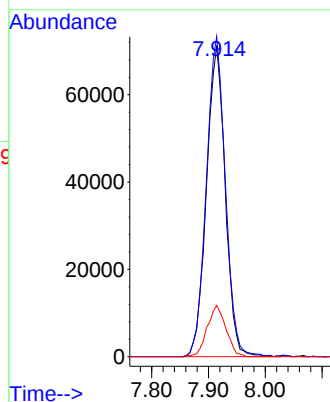
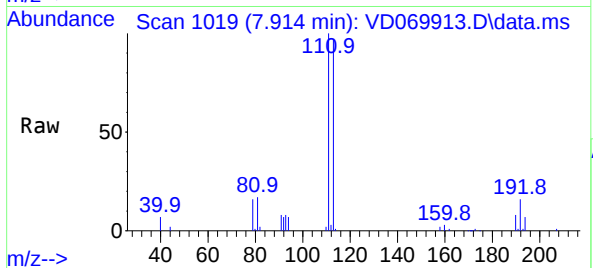




#35
Dibromofluoromethane
Concen: 63.842 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

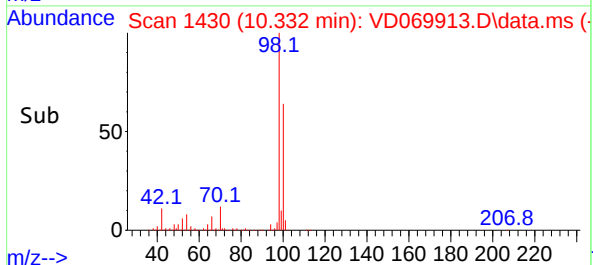
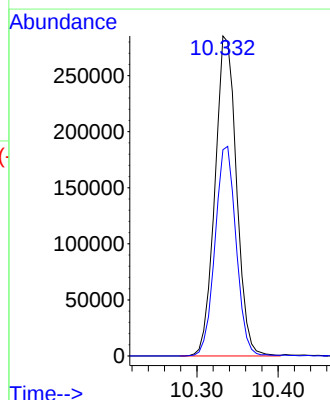
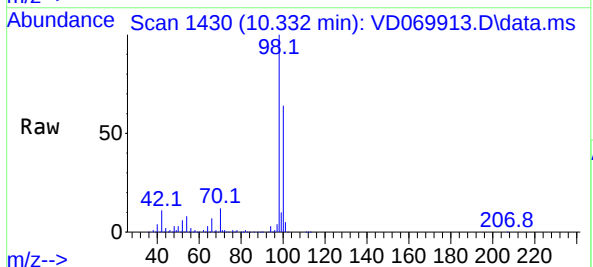
Instrument :
MSVOA_D
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SB-2(1.0-1.5)

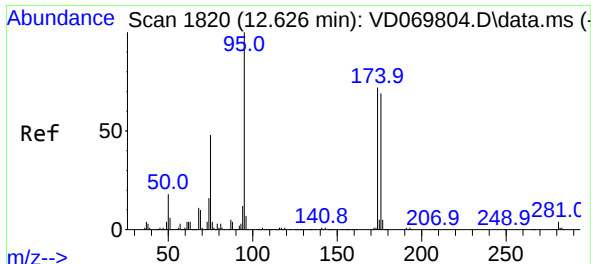
Tgt Ion:113 Resp: 163054
Ion Ratio Lower Upper
113 100
111 104.4 80.5 120.7
192 16.5 12.6 19.0



#50
Toluene-d8
Concen: 53.395 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

Tgt Ion: 98 Resp: 525838
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

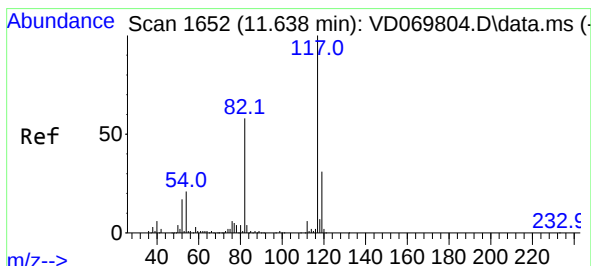
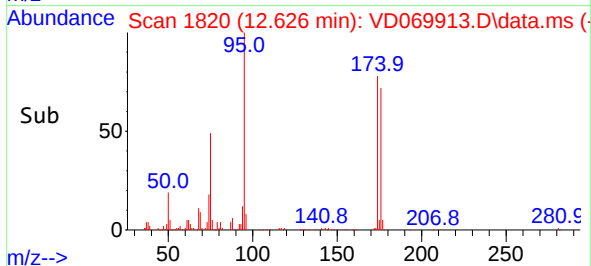
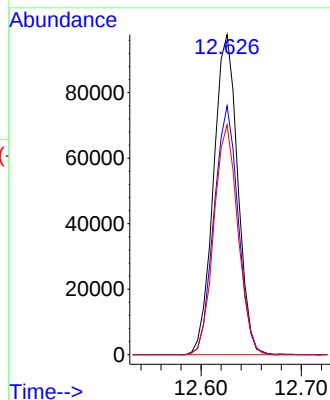
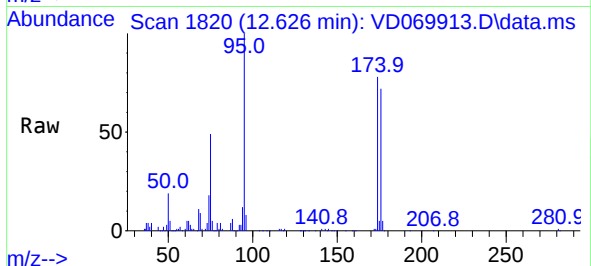




#62
4-Bromofluorobenzene
Concen: 49.730 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

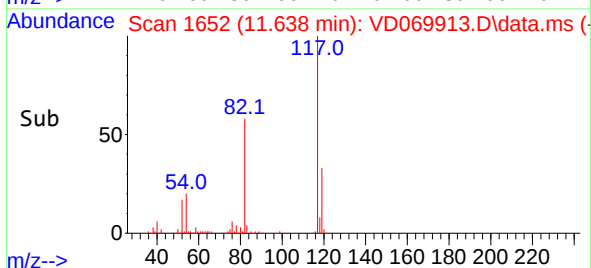
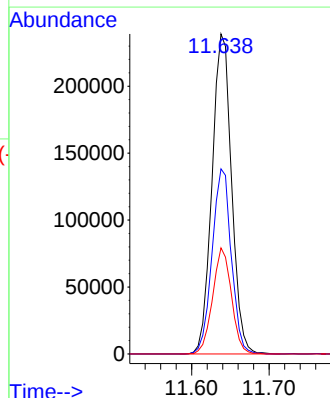
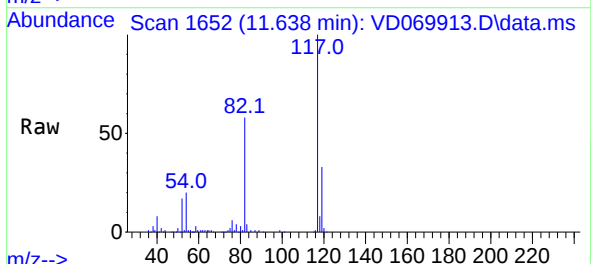
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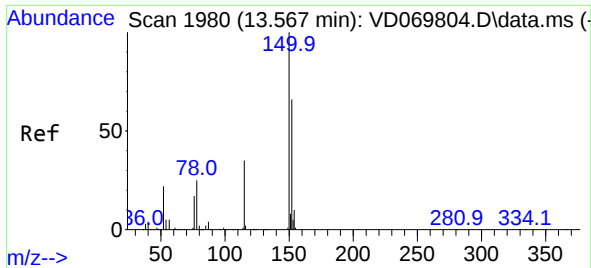
Tgt Ion: 95 Resp: 163676
Ion Ratio Lower Upper
95 100
174 77.4 0.0 142.6
176 71.7 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069913.D
Acq: 29 Jul 2021 15:59

Tgt Ion: 117 Resp: 418453
Ion Ratio Lower Upper
117 100
82 57.9 46.3 69.5
119 33.2 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069913.D
 Acq: 29 Jul 2021 15:59

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2(1.0-1.5)

Tgt Ion:	152	Resp:	166295
Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.1	93.3
150	166.0	0.0	343.0

