

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069967.D
 Acq On : 03 Aug 2021 15:42
 Operator : VA/SY
 Sample : M3268-08
 Misc : 5.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210504-90

Quant Time: Aug 04 01:32:54 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)

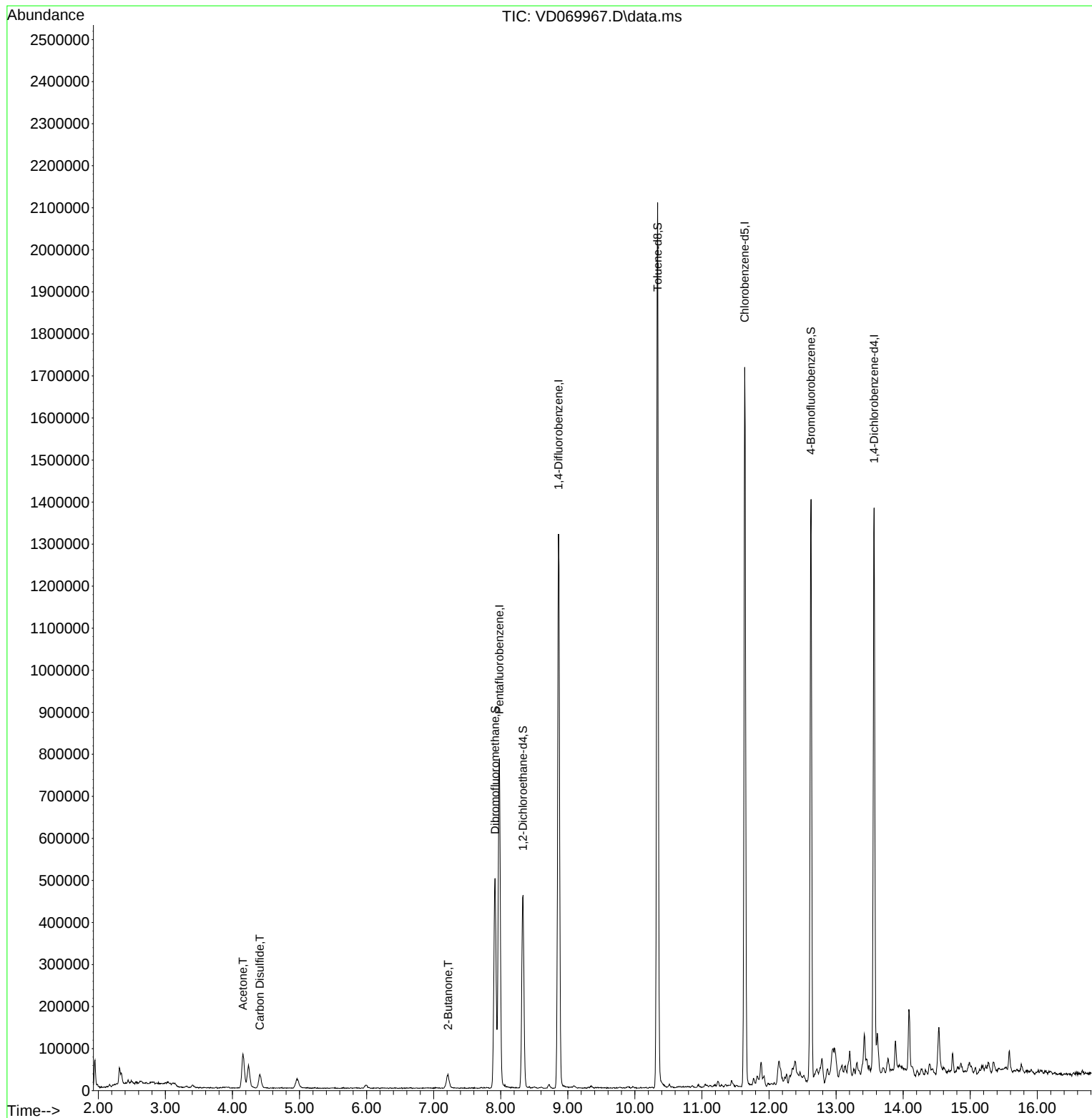
Internal Standards						
1) Pentafluorobenzene	7.979	168	556451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1126640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	991028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	355625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	363452	56.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.580%
35) Dibromofluoromethane	7.914	113	370627	52.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.360%
50) Toluene-d8	10.338	98	1424840	52.028	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.060%
62) 4-Bromofluorobenzene	12.626	95	434466	47.469	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.940%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	140602	121.620	ug/l	97
17) Carbon Disulfide	4.409	76	68386	3.004	ug/l	96
25) 2-Butanone	7.214	43	46123	29.419	ug/l	96

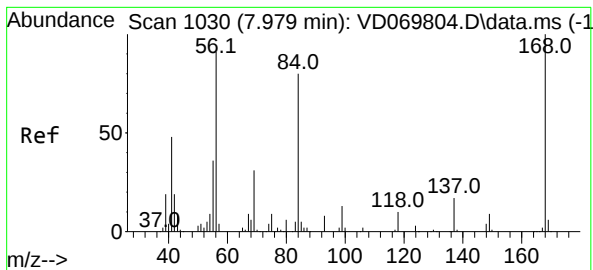
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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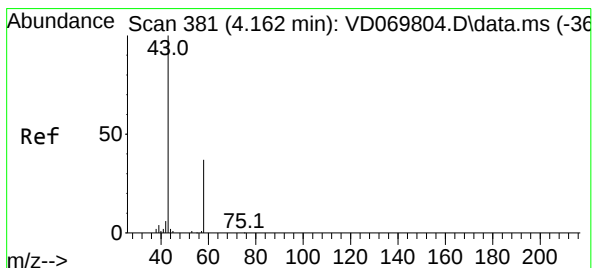
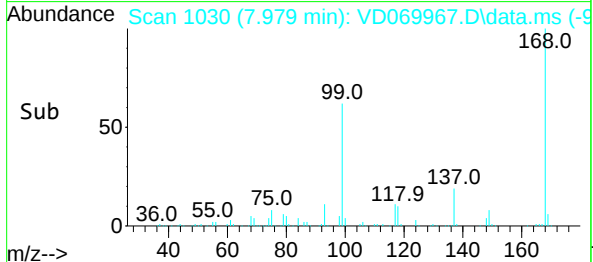
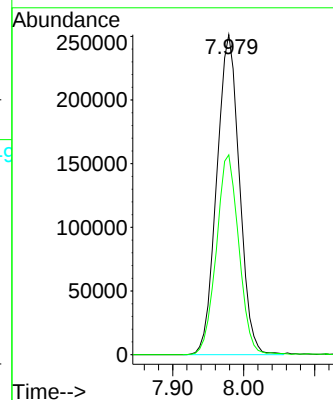
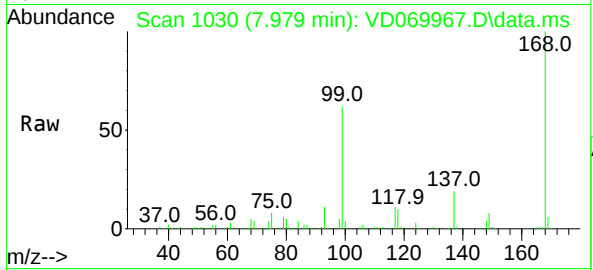




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069967.D
Acq: 03 Aug 2021 15:42

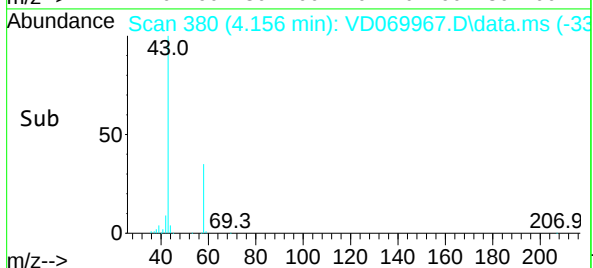
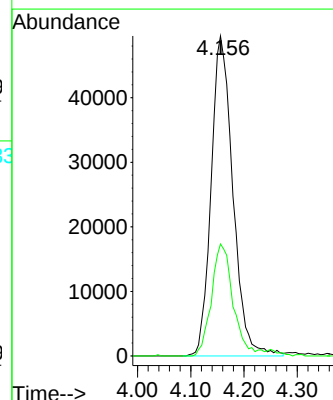
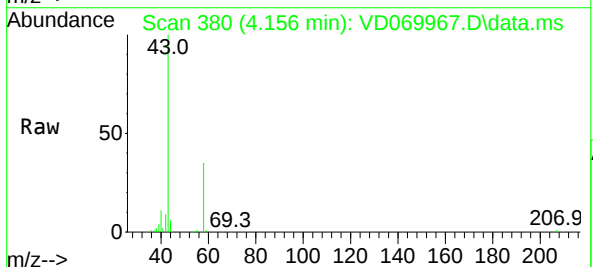
Instrument :
MSVOA_D
ClientSampleId :
20210504-90

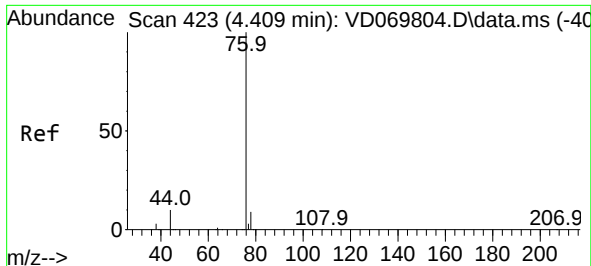
Tgt Ion:168 Resp: 556451
Ion Ratio Lower Upper
168 100
99 62.5 51.1 76.7



#16
Acetone
Concen: 121.620 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069967.D
Acq: 03 Aug 2021 15:42

Tgt Ion: 43 Resp: 140602
Ion Ratio Lower Upper
43 100
58 35.0 29.4 44.0

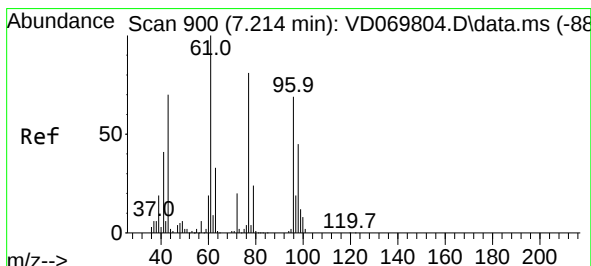
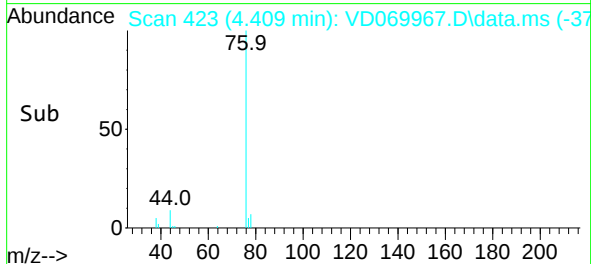
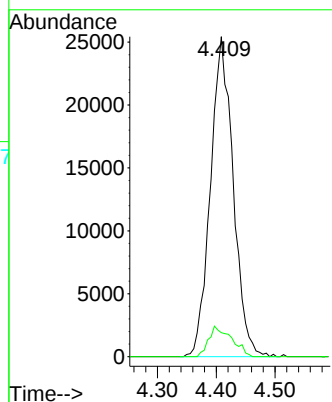
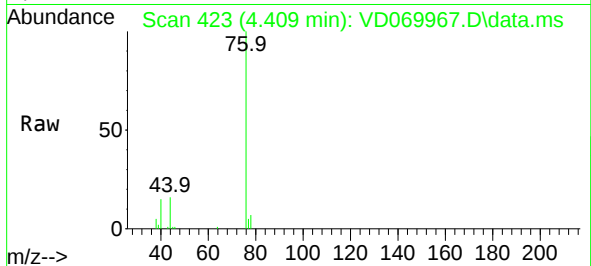




#17
Carbon Disulfide
Concen: 3.004 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069967.D
Acq: 03 Aug 2021 15:42

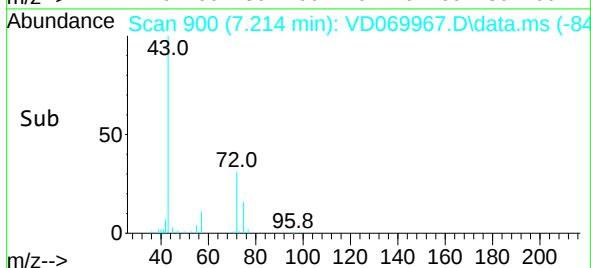
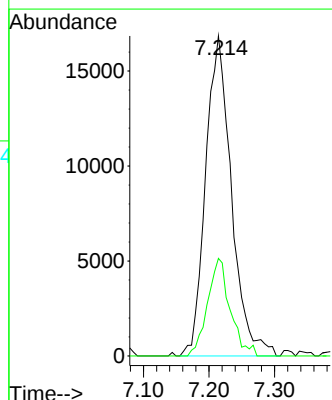
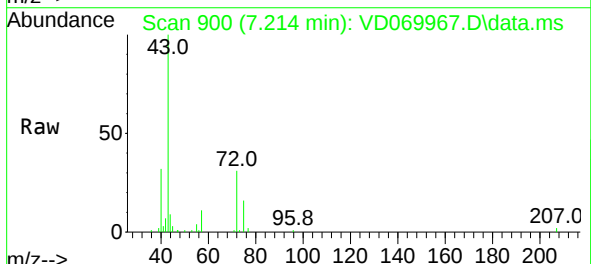
Instrument :
MSVOA_D
ClientSampleId :
20210504-90

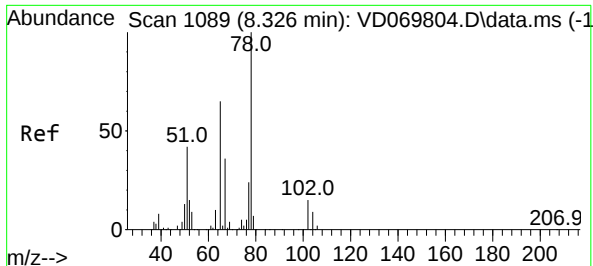
Tgt Ion: 76 Resp: 68386
Ion Ratio Lower Upper
76 100
78 7.5 7.3 10.9



#25
2-Butanone
Concen: 29.419 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069967.D
Acq: 03 Aug 2021 15:42

Tgt Ion: 43 Resp: 46123
Ion Ratio Lower Upper
43 100
72 30.5 22.8 34.2

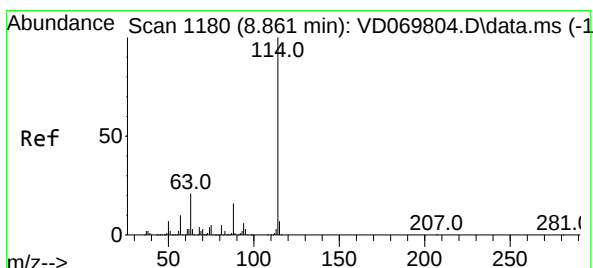
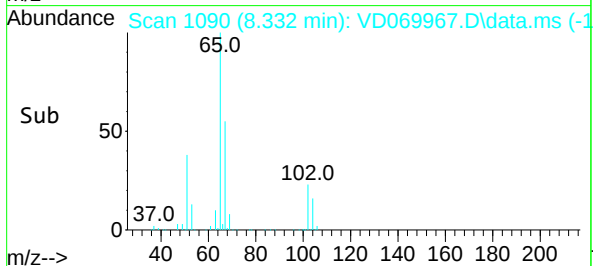
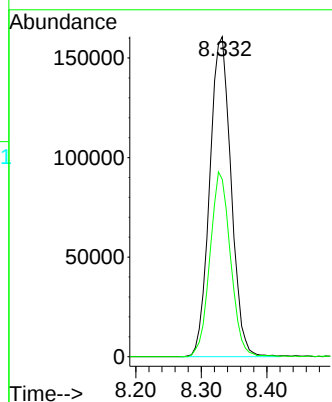
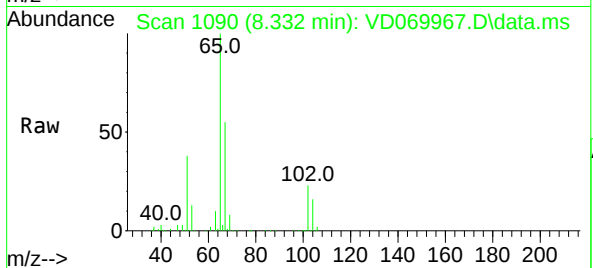




#33
1,2-Dichloroethane-d4
Concen: 56.792 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069967.D
Acq: 03 Aug 2021 15:42

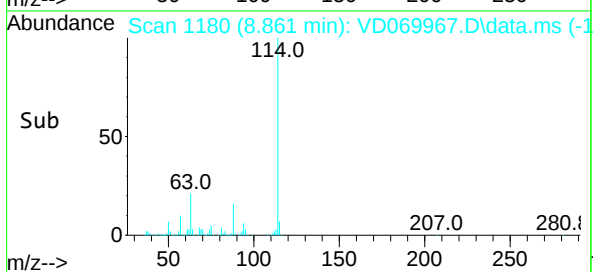
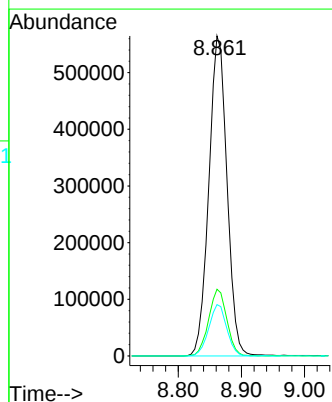
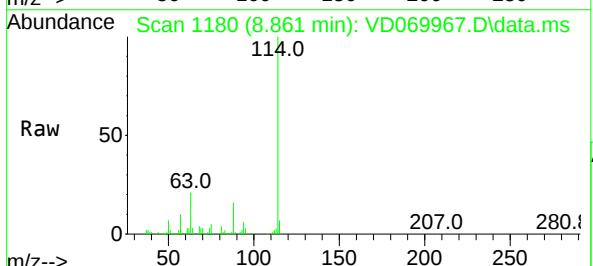
Instrument :
MSVOA_D
ClientSampleId :
20210504-90

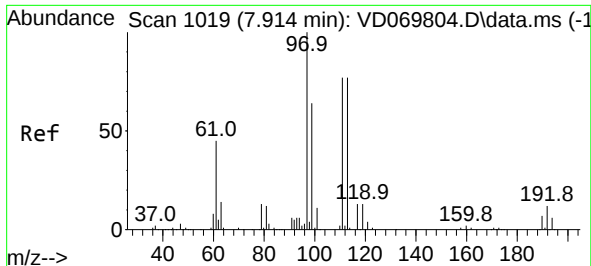
Tgt Ion: 65 Resp: 363452
Ion Ratio Lower Upper
65 100
67 55.6 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069967.D
Acq: 03 Aug 2021 15:42

Tgt Ion: 114 Resp: 1126640
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.6
88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.184 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069967.D

Acq: 03 Aug 2021 15:42

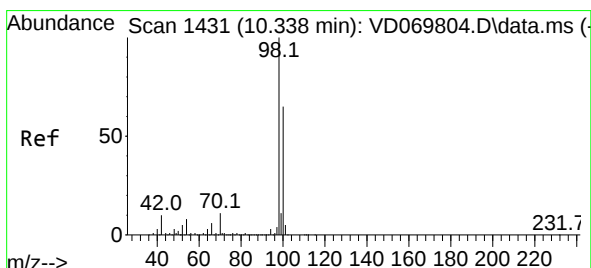
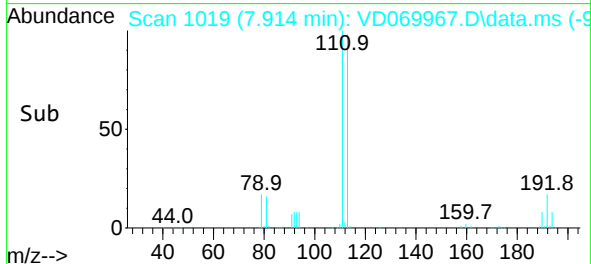
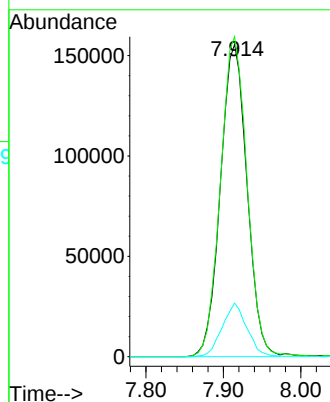
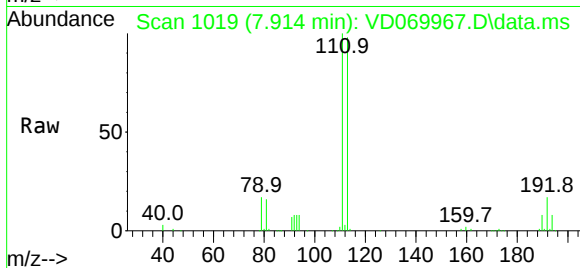
Tgt Ion:113 Resp: 370627

Ion Ratio Lower Upper

113 100

111 102.8 80.5 120.7

192 16.0 12.6 19.0



#50

Toluene-d8

Concen: 52.028 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069967.D

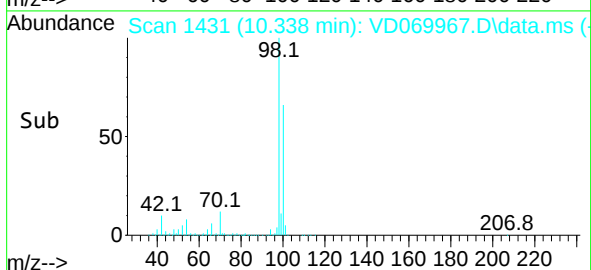
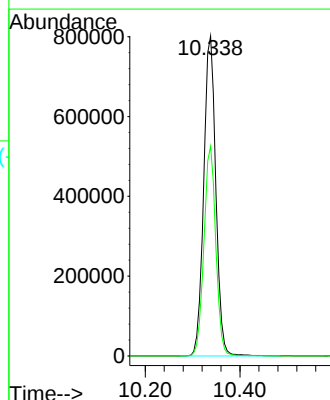
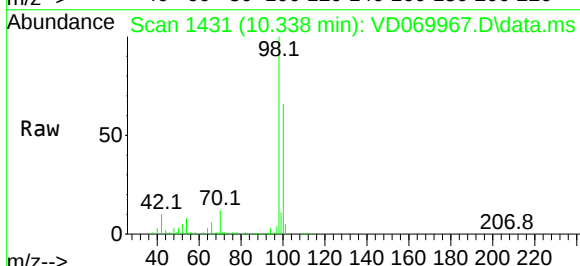
Acq: 03 Aug 2021 15:42

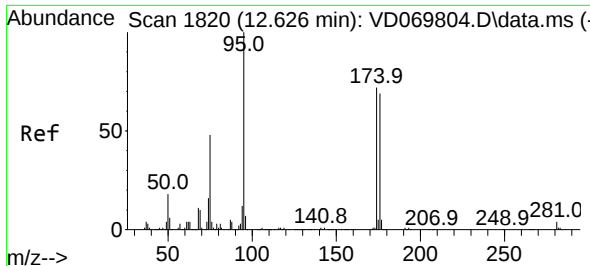
Tgt Ion: 98 Resp: 1424840

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9

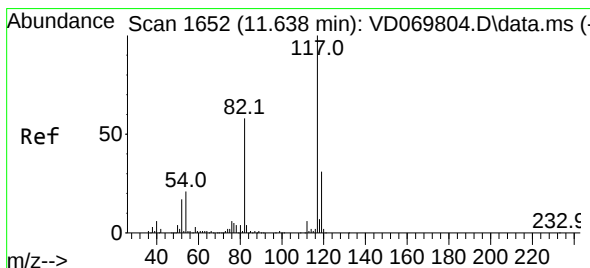
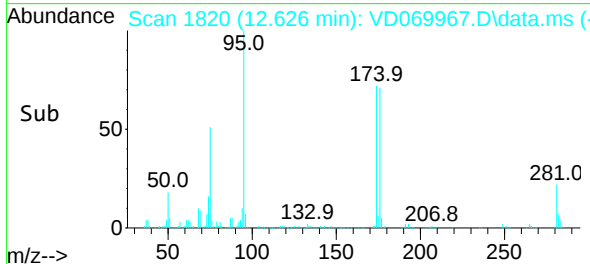
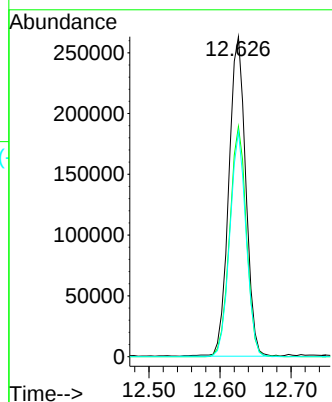
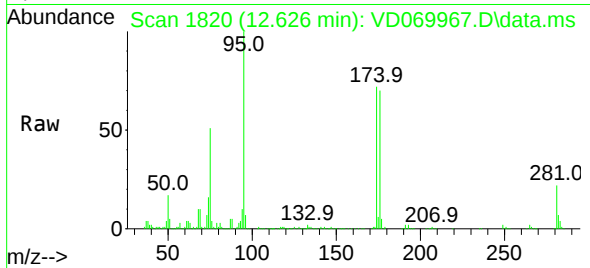




#62
4-Bromofluorobenzene
Concen: 47.469 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069967.D
Acq: 03 Aug 2021 15:42

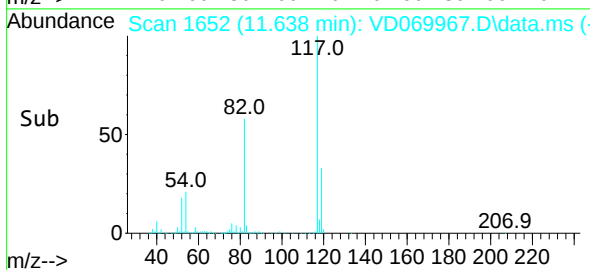
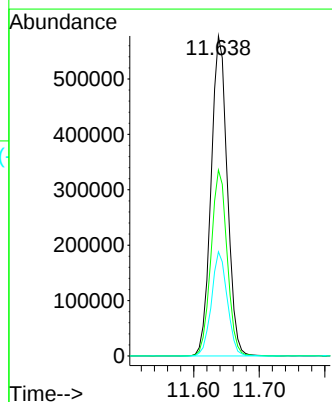
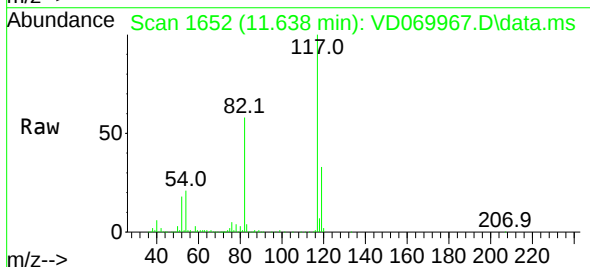
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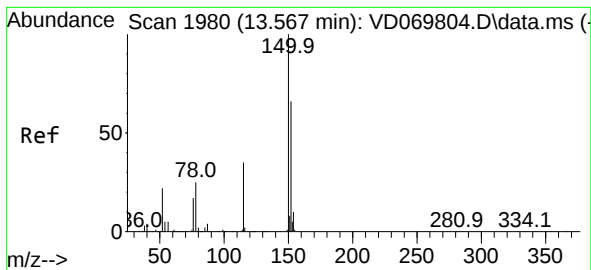
Tgt Ion: 95 Resp: 434466
Ion Ratio Lower Upper
95 100
174 71.1 0.0 142.6
176 67.7 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069967.D
Acq: 03 Aug 2021 15:42

Tgt Ion: 117 Resp: 991028
Ion Ratio Lower Upper
117 100
82 58.1 46.3 69.5
119 32.6 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: VD069967.D
 Acq: 03 Aug 2021 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 20210504-90

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.1	93.3
150	158.2	0.0	343.0

