

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069966.D
 Acq On : 03 Aug 2021 15:13
 Operator : VA/SY
 Sample : M3268-07
 Misc : 7.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210503-89

Quant Time: Aug 04 01:32:43 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)

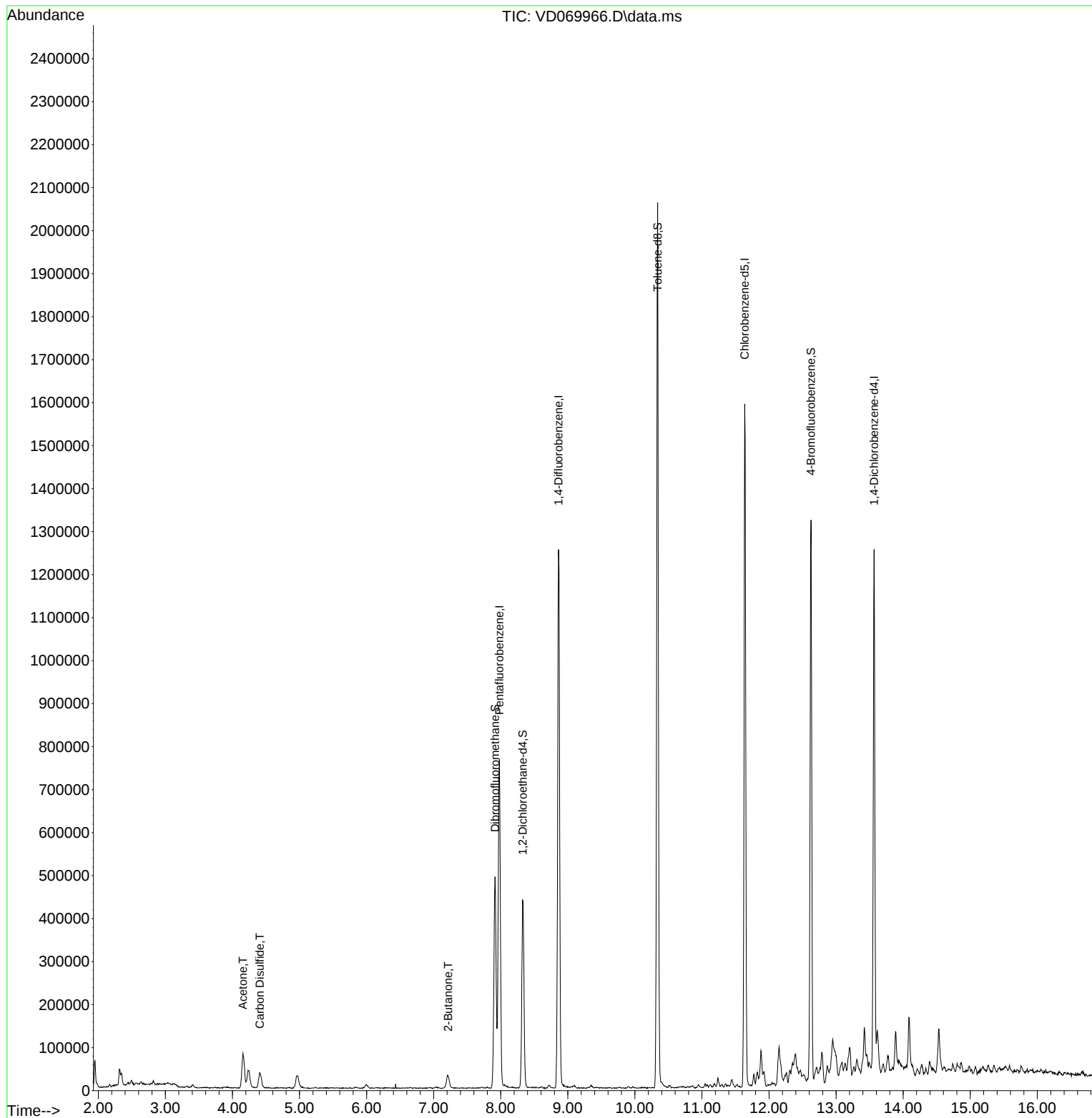
Internal Standards						
1) Pentafluorobenzene	7.979	168	536377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1091972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	933218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	324271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	344083	55.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.560%
35) Dibromofluoromethane	7.914	113	361913	52.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.140%
50) Toluene-d8	10.338	98	1376865	51.872	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.626	95	394833	44.509	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.020%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	138125	123.949	ug/l	99
17) Carbon Disulfide	4.409	76	77791	3.545	ug/l	100
25) 2-Butanone	7.214	43	41771	27.640	ug/l	100

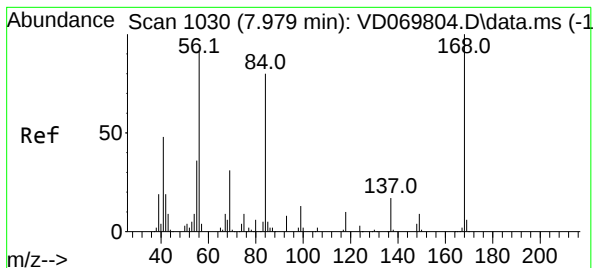
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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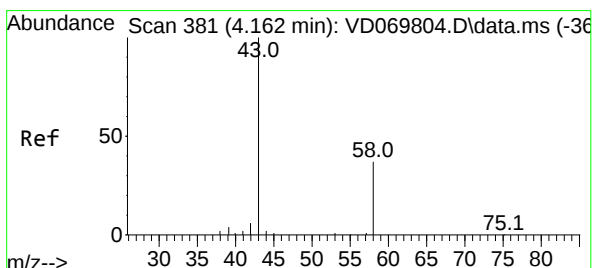
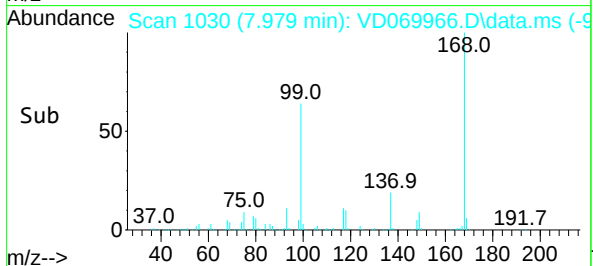
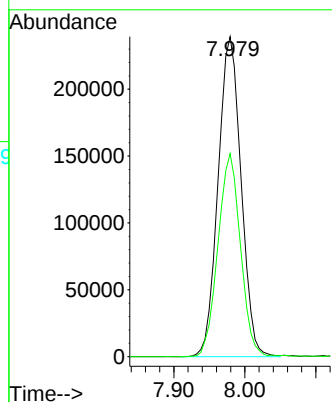
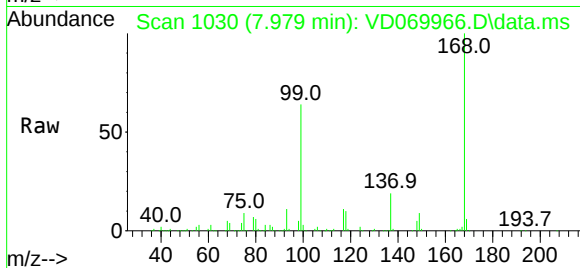




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069966.D
Acq: 03 Aug 2021 15:13

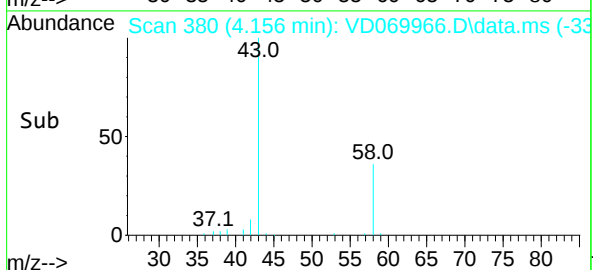
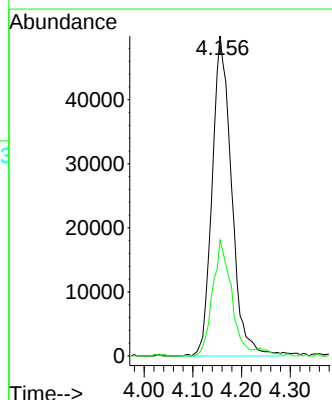
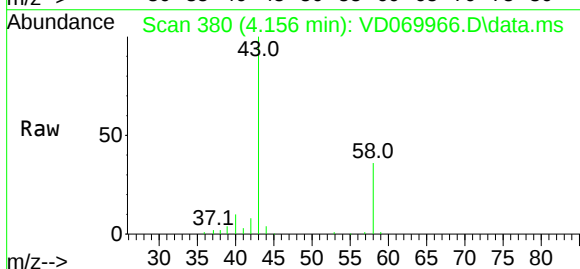
Instrument :
MSVOA_D
ClientSampleId :
20210503-89

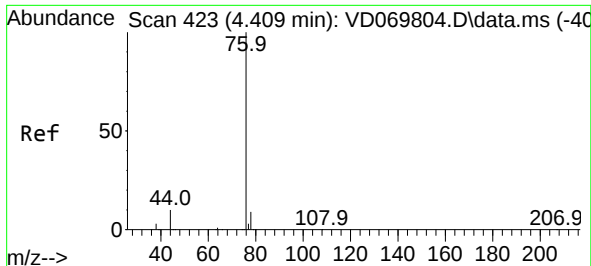
Tgt Ion:168 Resp: 536377
Ion Ratio Lower Upper
168 100
99 63.5 51.1 76.7



#16
Acetone
Concen: 123.949 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069966.D
Acq: 03 Aug 2021 15:13

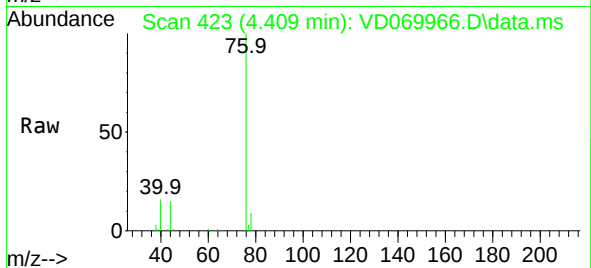
Tgt Ion: 43 Resp: 138125
Ion Ratio Lower Upper
43 100
58 36.2 29.4 44.0



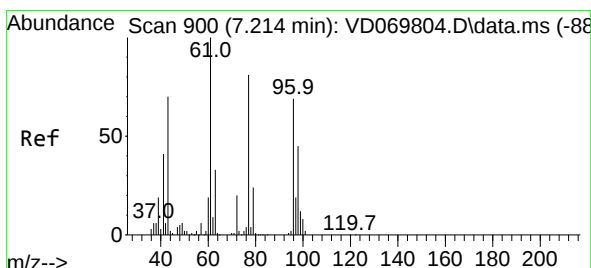
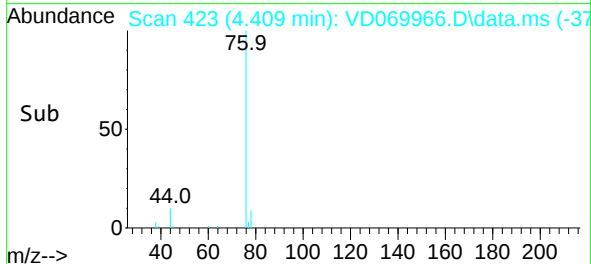
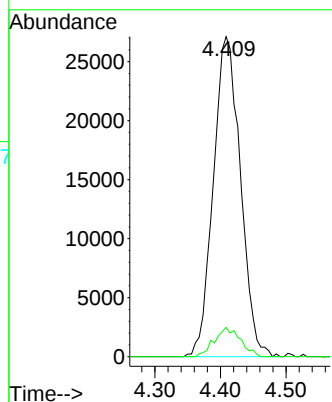


#17
Carbon Disulfide
Concen: 3.545 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069966.D
Acq: 03 Aug 2021 15:13

Instrument :
MSVOA_D
ClientSampleId :
20210503-89

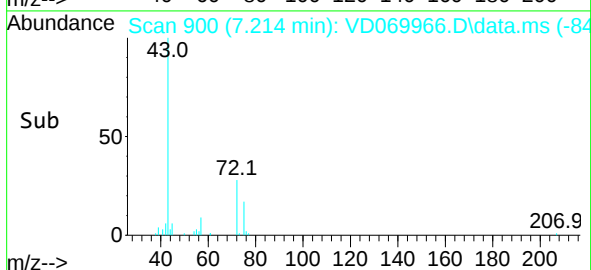
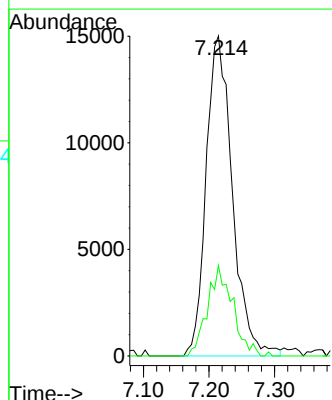
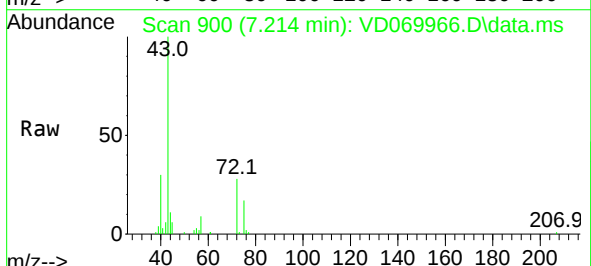


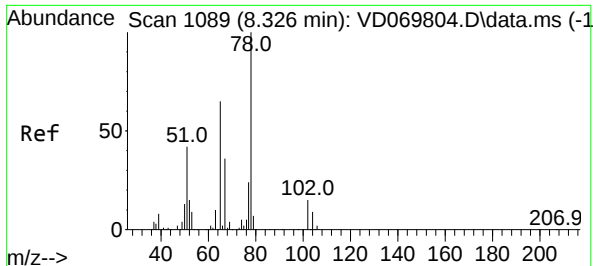
Tgt Ion: 76 Resp: 77791
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#25
2-Butanone
Concen: 27.640 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069966.D
Acq: 03 Aug 2021 15:13

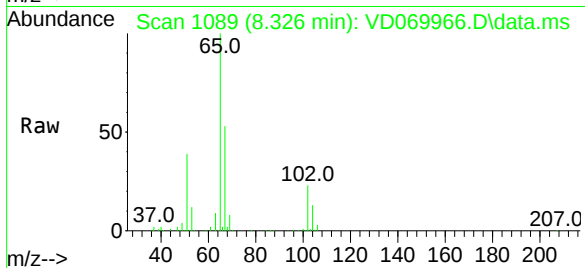
Tgt Ion: 43 Resp: 41771
Ion Ratio Lower Upper
43 100
72 28.3 22.8 34.2



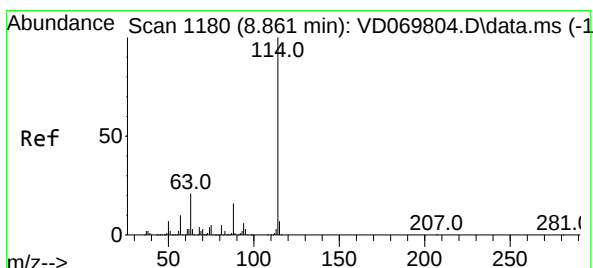
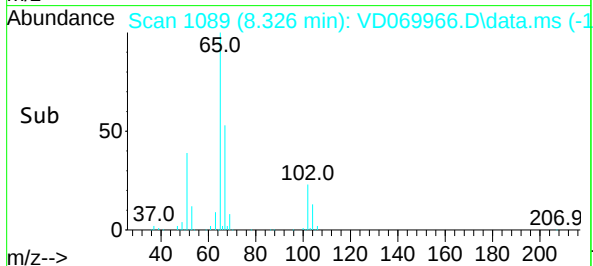
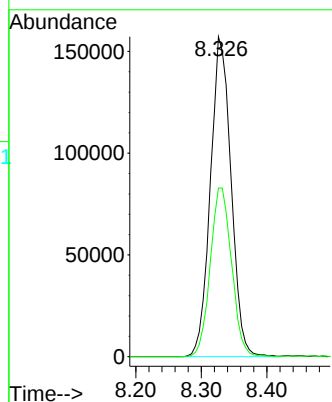


#33
1,2-Dichloroethane-d4
Concen: 55.778 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069966.D
Acq: 03 Aug 2021 15:13

Instrument :
MSVOA_D
ClientSampleId :
20210503-89

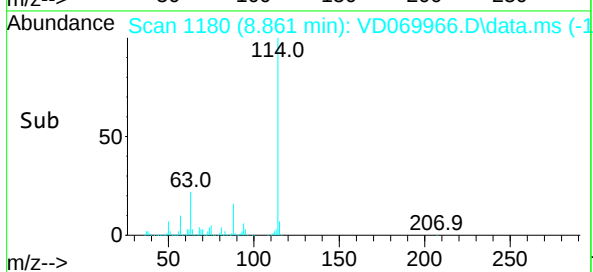
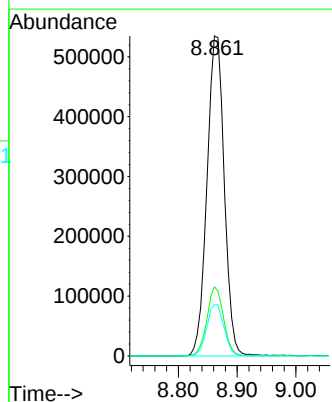
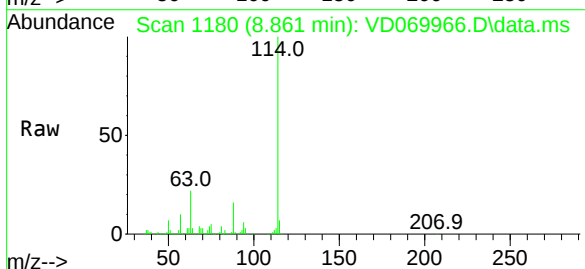


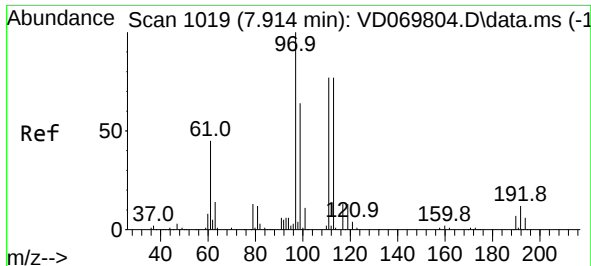
Tgt Ion: 65 Resp: 344083
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069966.D
Acq: 03 Aug 2021 15:13

Tgt Ion: 114 Resp: 1091972
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.6
88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.575 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069966.D

Acq: 03 Aug 2021 15:13

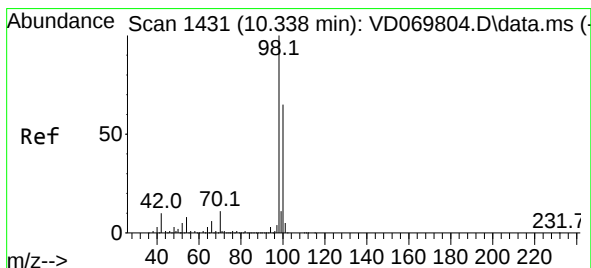
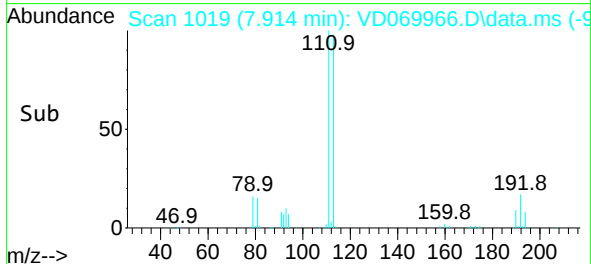
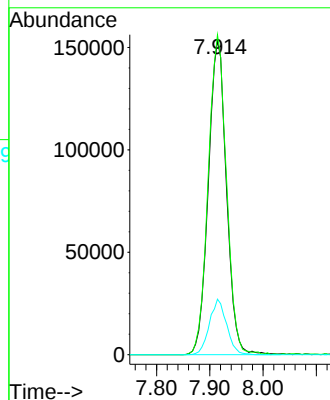
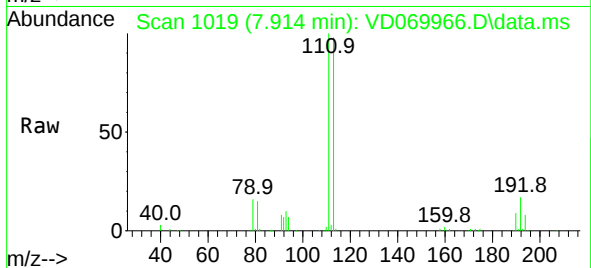
Tgt Ion:113 Resp: 361913

Ion Ratio Lower Upper

113 100

111 102.4 80.5 120.7

192 16.8 12.6 19.0



#50

Toluene-d8

Concen: 51.872 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069966.D

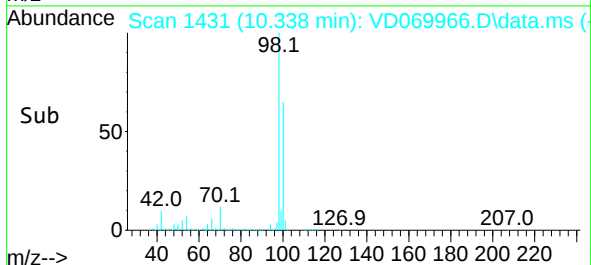
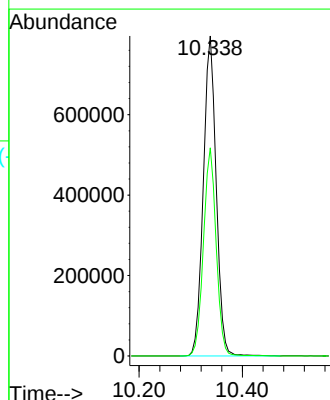
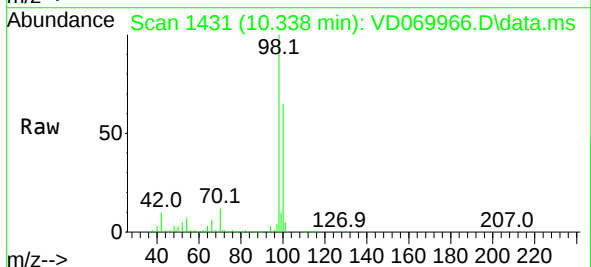
Acq: 03 Aug 2021 15:13

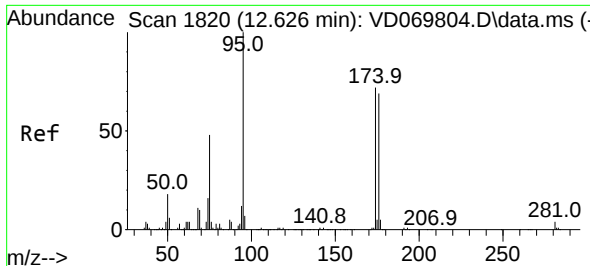
Tgt Ion: 98 Resp: 1376865

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9

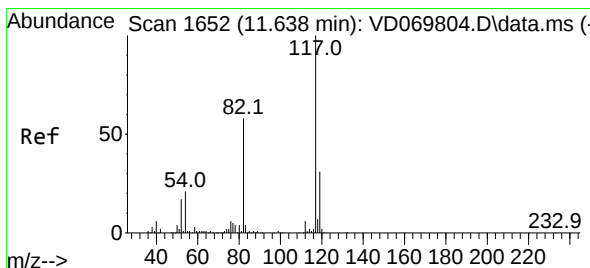
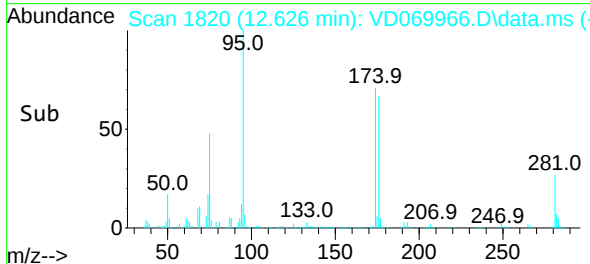
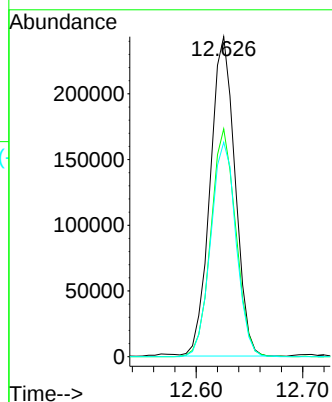
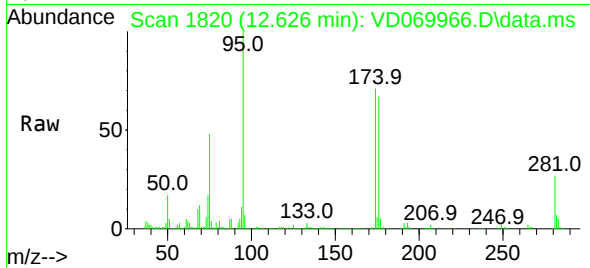




#62
4-Bromofluorobenzene
Concen: 44.509 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069966.D
Acq: 03 Aug 2021 15:13

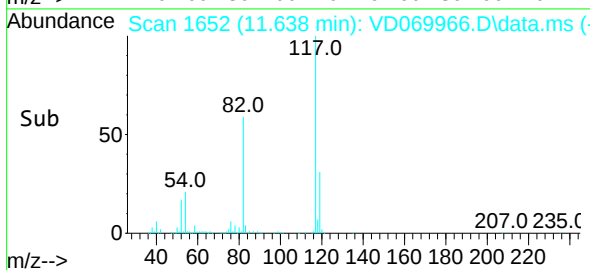
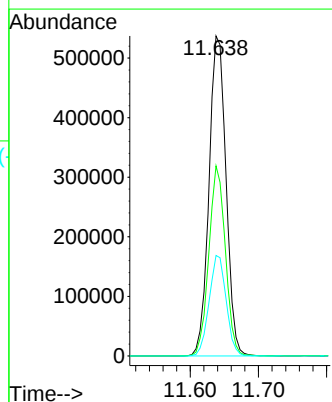
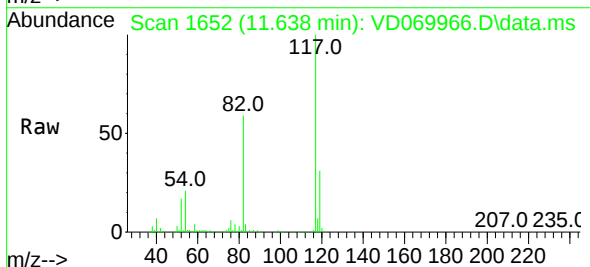
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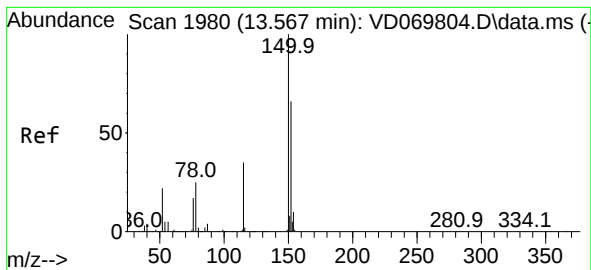
Tgt Ion: 95 Resp: 394833
Ion Ratio Lower Upper
95 100
174 71.3 0.0 142.6
176 68.2 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069966.D
Acq: 03 Aug 2021 15:13

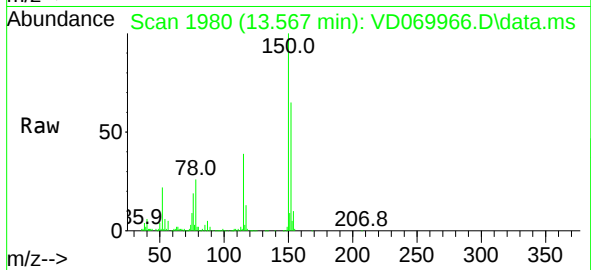
Tgt Ion: 117 Resp: 933218
Ion Ratio Lower Upper
117 100
82 59.4 46.3 69.5
119 31.4 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069966.D
 Acq: 03 Aug 2021 15:13

Instrument :
 MSVOA_D
 ClientSampleId :
 20210503-89



Tgt Ion:	152	Resp:	324271
Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.1	93.3
150	154.7	0.0	343.0

