

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070696.D
 Acq On : 13 Oct 2021 14:28
 Operator : VA/SY
 Sample : M4191-01
 Misc : 5.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-4

Quant Time: Oct 14 04:03:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

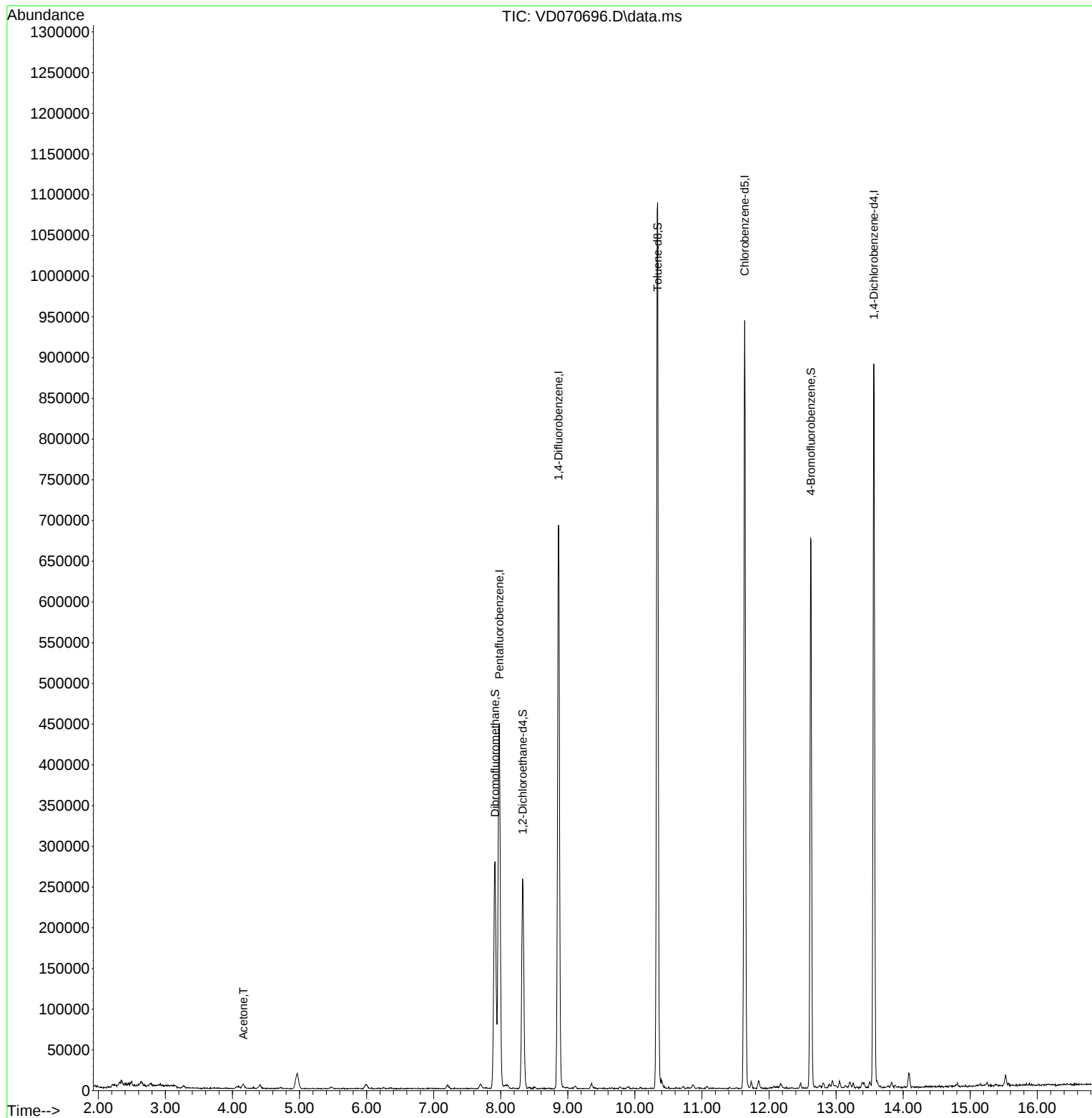
Internal Standards						
1) Pentafluorobenzene	7.979	168	324030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	575762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	239245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203543	53.376	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	106.760%	
35) Dibromofluoromethane	7.914	113	205056	49.603	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	99.200%	
50) Toluene-d8	10.338	98	779150	49.303	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	98.600%	
62) 4-Bromofluorobenzene	12.626	95	243409	46.084	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	92.160%	
Target Compounds						
16) Acetone	4.162	43	8591	13.267	ug/l	Qvalue 96

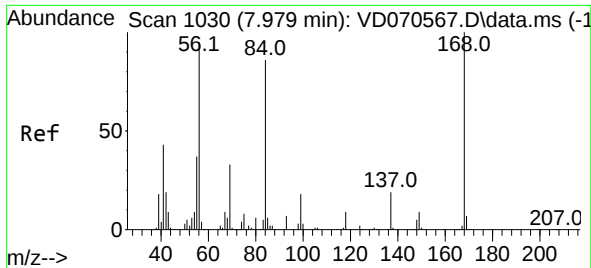
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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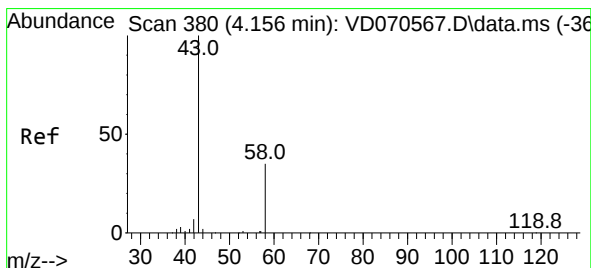
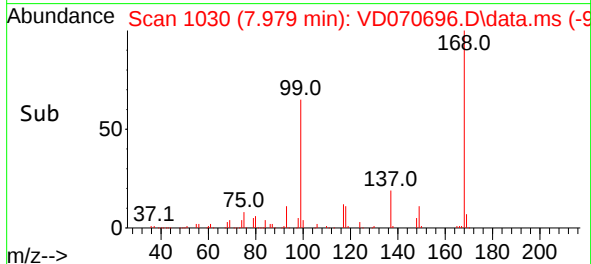
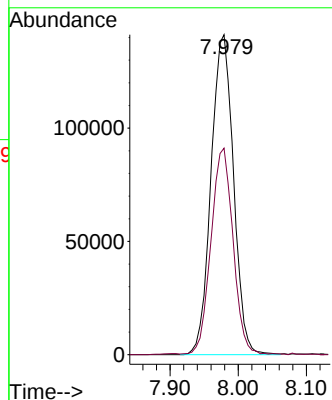
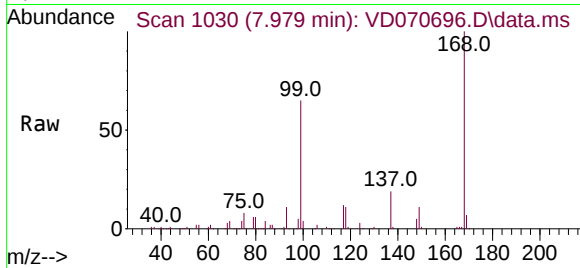




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

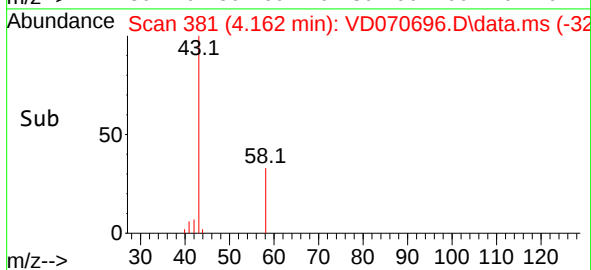
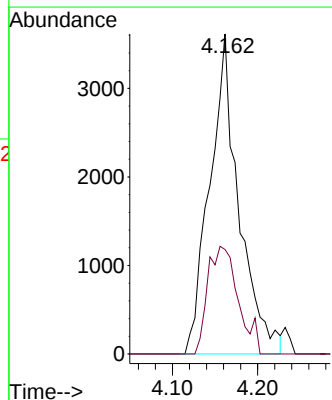
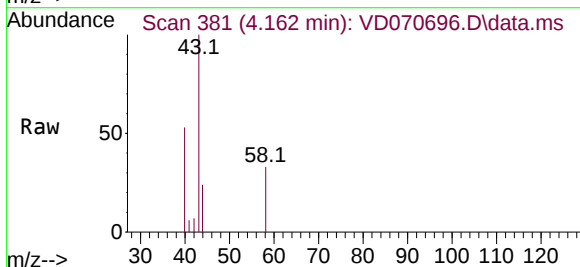
Instrument :
MSVOA_D
ClientSampleId :
COMP-4

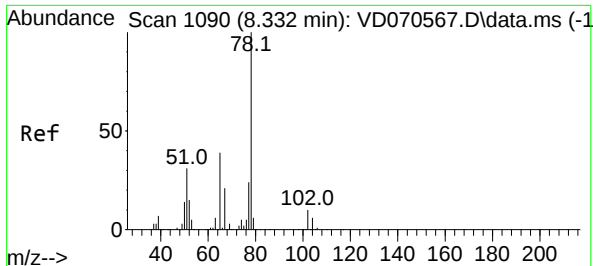
Tgt Ion:168 Resp: 324030
Ion Ratio Lower Upper
168 100
99 64.4 51.4 77.0



#16
Acetone
Concen: 13.267 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

Tgt Ion: 43 Resp: 8591
Ion Ratio Lower Upper
43 100
58 32.6 28.2 42.2



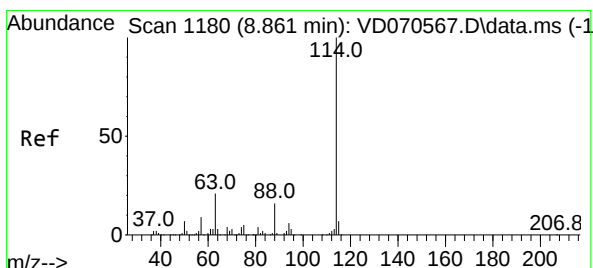
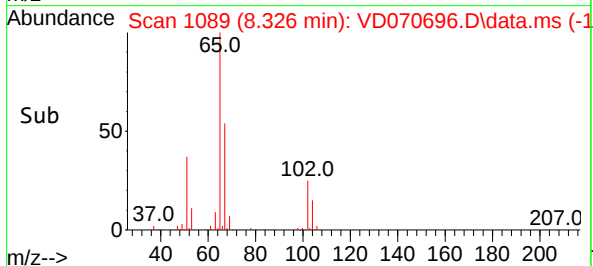
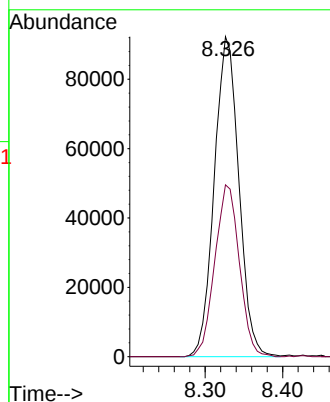
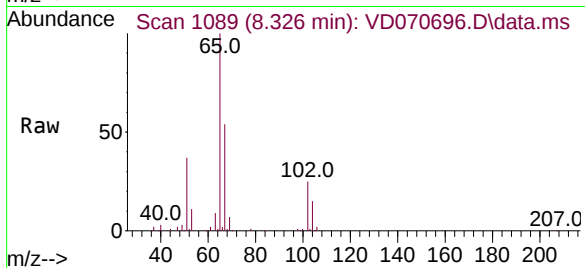


#33

1,2-Dichloroethane-d4
Concen: 53.376 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

Instrument :
MSVOA_D
ClientSampleId :
COMP-4

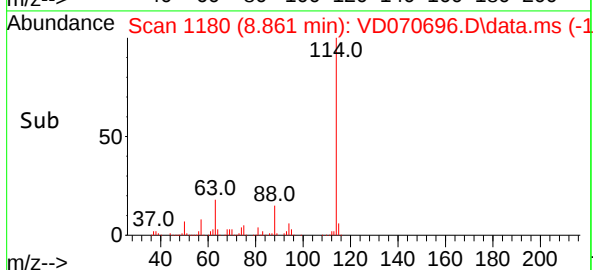
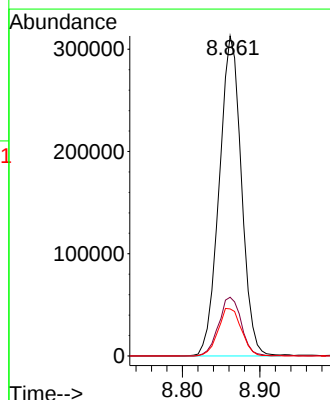
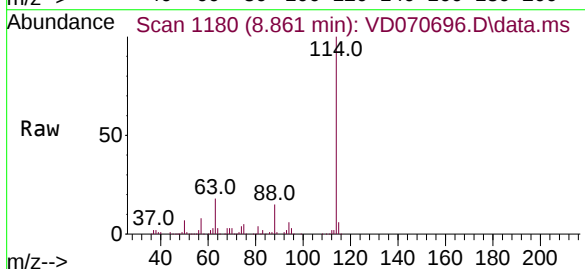
Tgt Ion: 65 Resp: 203543
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.2

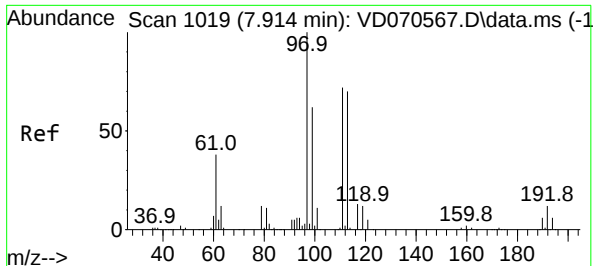


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

Tgt Ion: 114 Resp: 621774
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.8
88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.603 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070696.D

Acq: 13 Oct 2021 14:28

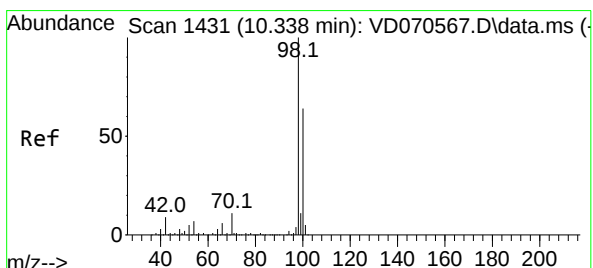
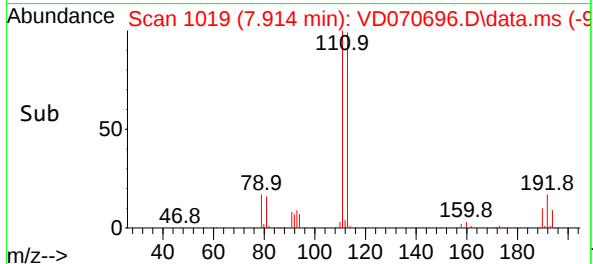
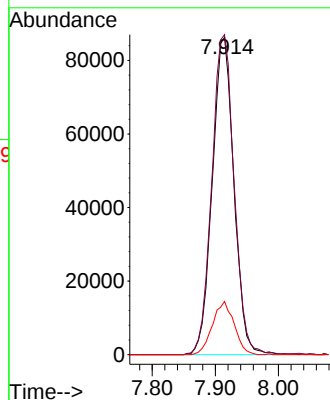
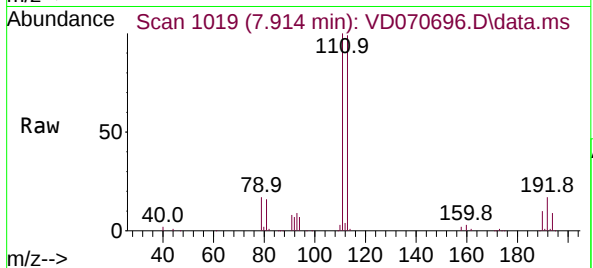
Tgt Ion:113 Resp: 205056

Ion Ratio Lower Upper

113 100

111 104.1 83.1 124.7

192 16.8 12.7 19.1



#50

Toluene-d8

Concen: 49.303 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VD070696.D

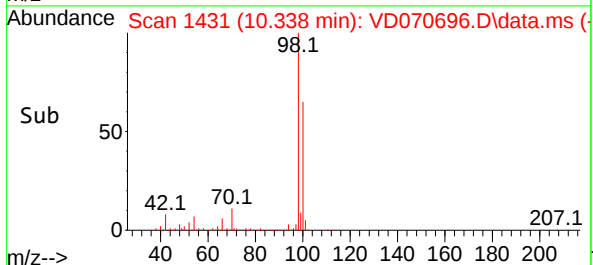
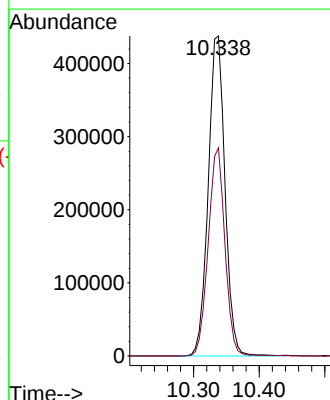
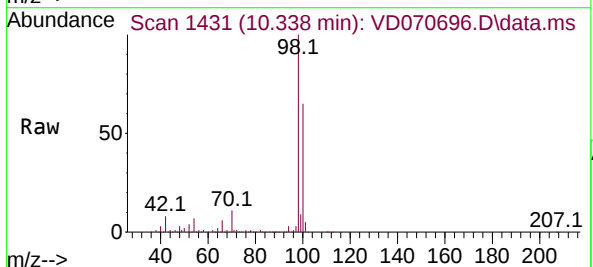
Acq: 13 Oct 2021 14:28

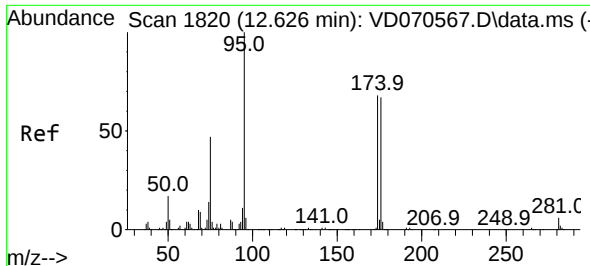
Tgt Ion: 98 Resp: 779150

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4

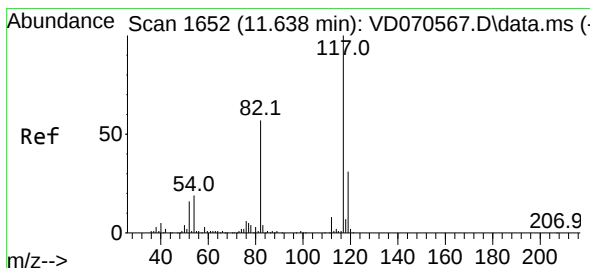
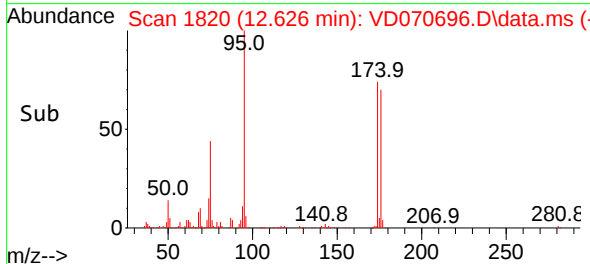
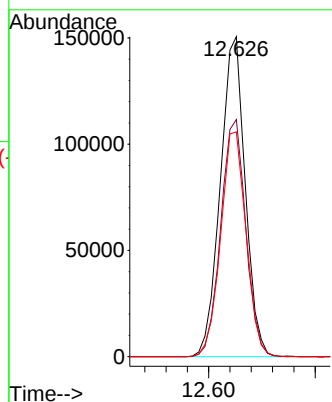
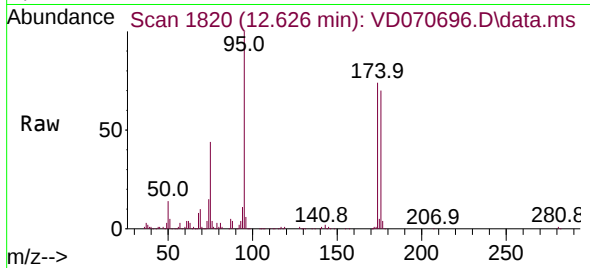




#62
4-Bromofluorobenzene
Concen: 46.084 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

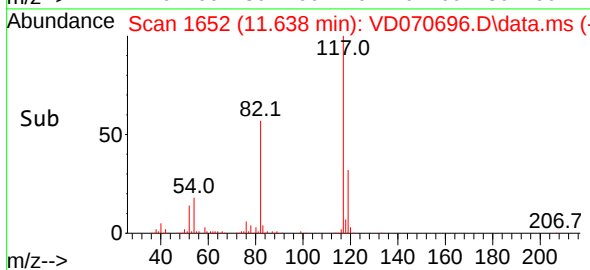
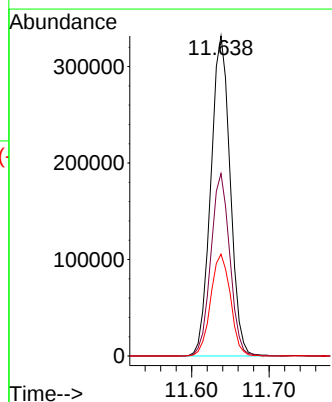
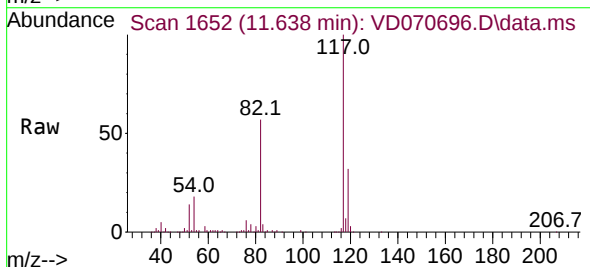
Instrument :
MSVOA_D
ClientSampled :
COMP-4

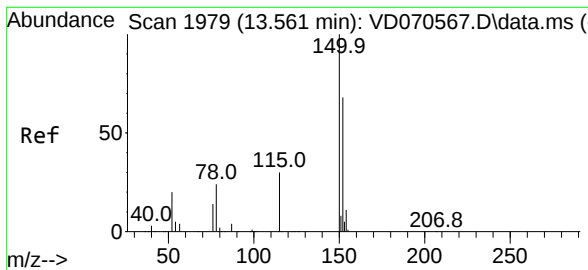
Tgt Ion: 95 Resp: 243409
Ion Ratio Lower Upper
95 100
174 74.5 0.0 138.0
176 71.8 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

Tgt Ion: 117 Resp: 575762
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 31.8 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070696.D
 Acq: 13 Oct 2021 14:28

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-4

Tgt Ion:152 Resp: 239245

Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.9	95.7
150	158.3	0.0	350.0

