

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069374.D
 Acq On : 07 Jun 2021 18:08
 Operator : VA/SY
 Sample : M2625-02
 Misc : 6.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(142-146)

Quant Time: Jun 08 04:23:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

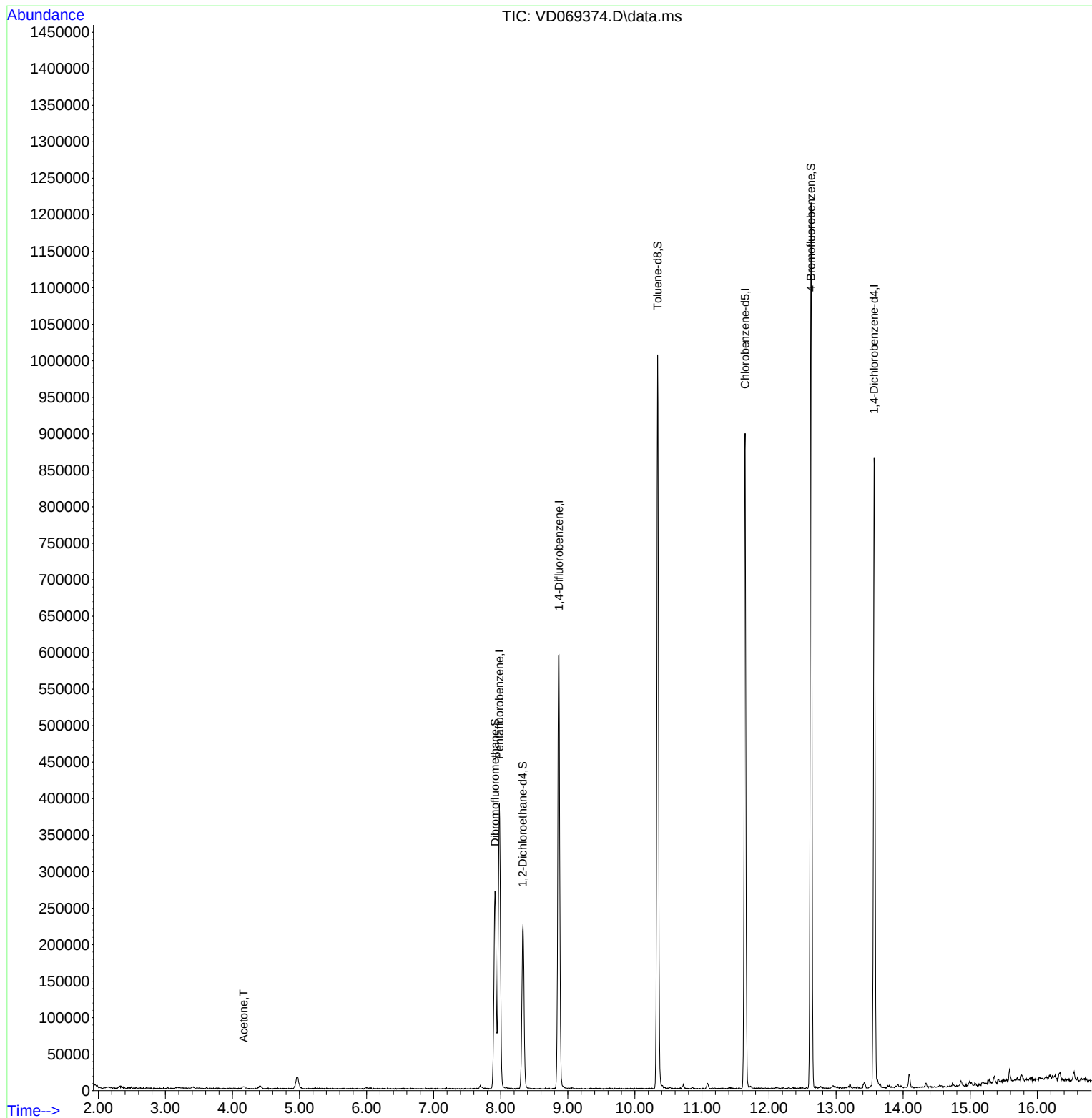
Internal Standards						
1) Pentafluorobenzene	7.979	168	292011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	547716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	552031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	244897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	181991	64.953	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.900%	
35) Dibromofluoromethane	7.914	113	199560	58.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.040%	
50) Toluene-d8	10.338	98	701656	56.099	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.200%	
62) 4-Bromofluorobenzene	12.626	95	238685	58.240	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.480%	
Target Compounds						
16) Acetone	4.167	43	4964	10.152	ug/l	Qvalue # 77

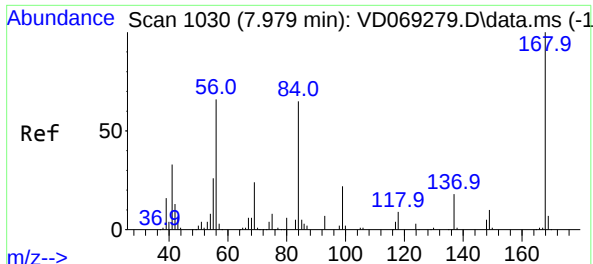
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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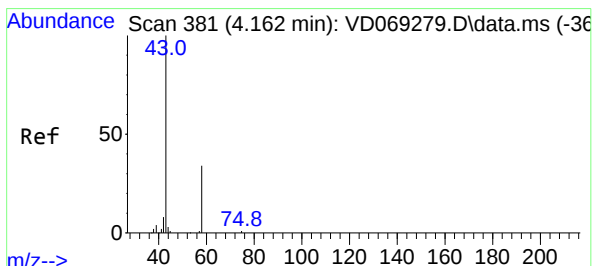
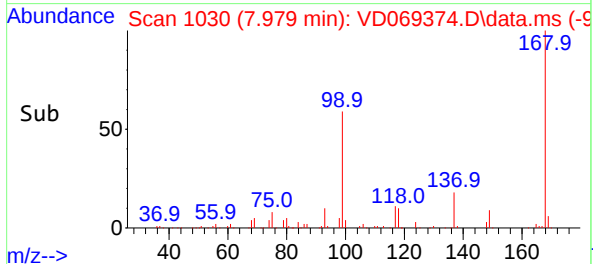
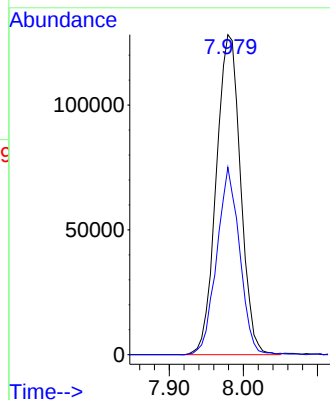
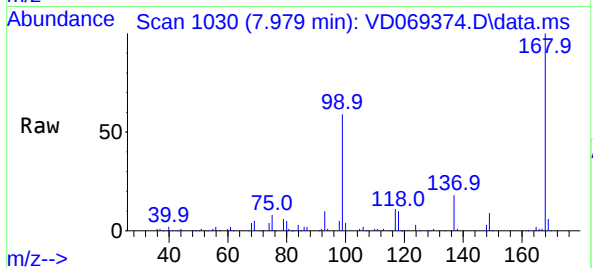




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069374.D
Acq: 07 Jun 2021 18:08

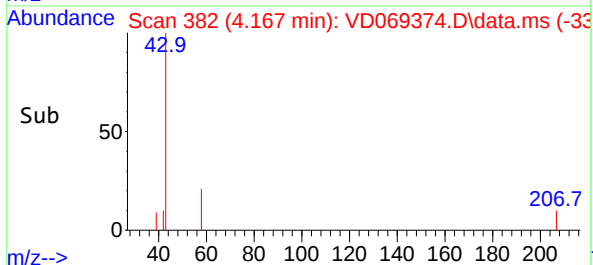
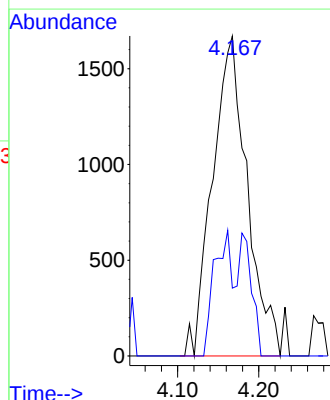
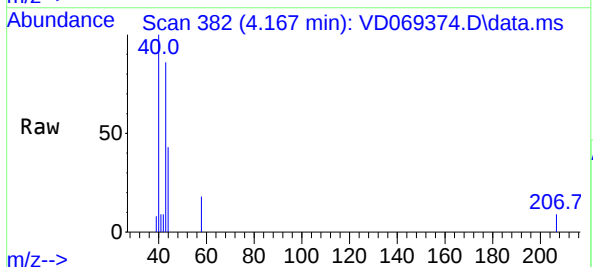
Instrument :
MSVOA_D
ClientSampleId :
18-B12(142-146)

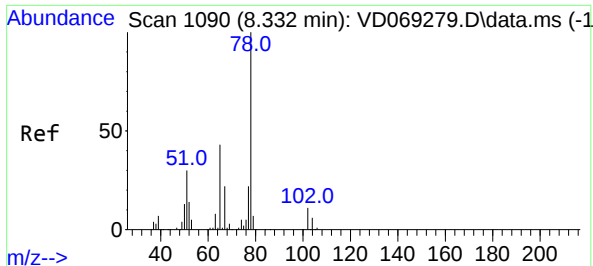
Tgt Ion:168 Resp: 292011
Ion Ratio Lower Upper
168 100
99 58.5 46.2 69.2



#16
Acetone
Concen: 10.152 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069374.D
Acq: 07 Jun 2021 18:08

Tgt Ion: 43 Resp: 4964
Ion Ratio Lower Upper
43 100
58 21.2 27.5 41.3#

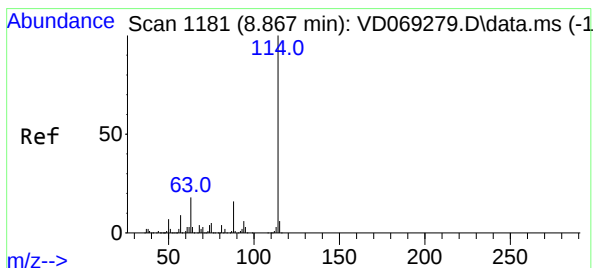
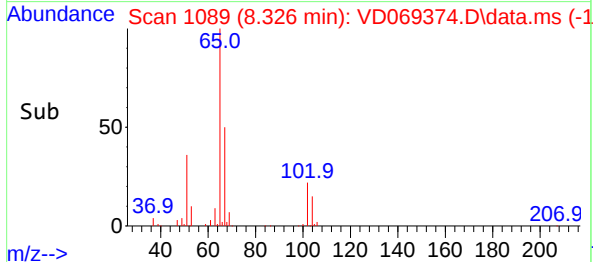
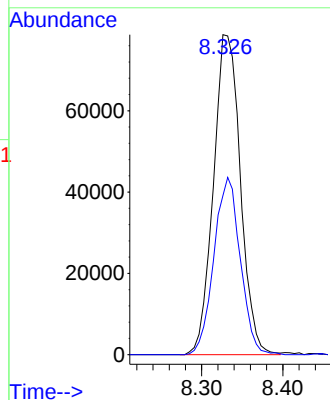
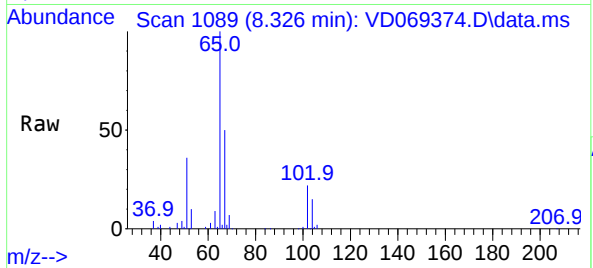




#33
1,2-Dichloroethane-d4
Concen: 64.953 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069374.D
Acq: 07 Jun 2021 18:08

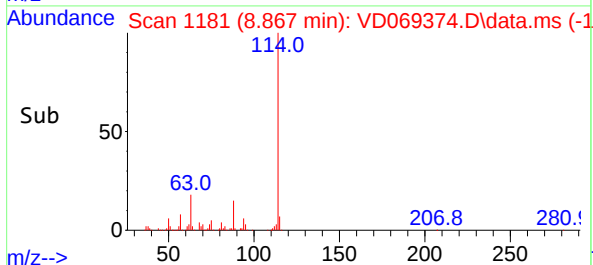
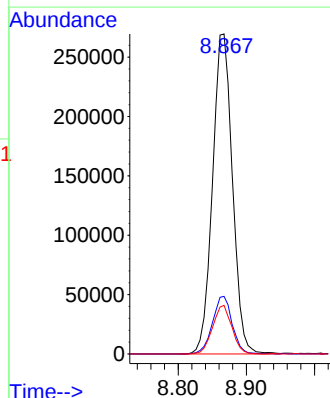
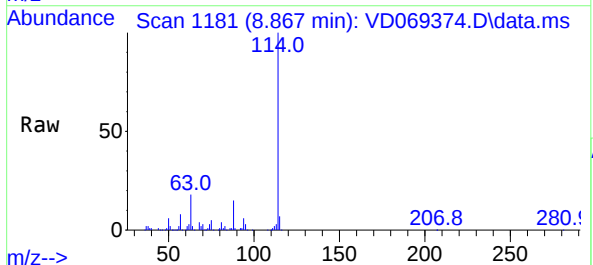
Instrument :
MSVOA_D
ClientSampleId :
18-B12(142-146)

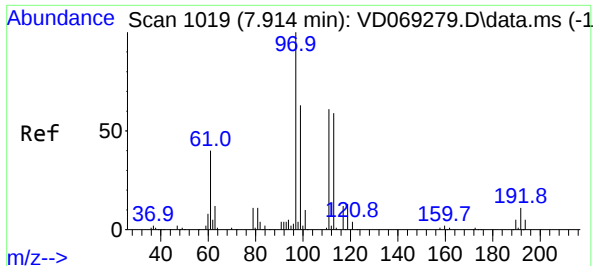
Tgt Ion: 65 Resp: 181991
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069374.D
Acq: 07 Jun 2021 18:08

Tgt Ion:114 Resp: 547716
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.6
88 15.2 0.0 31.2



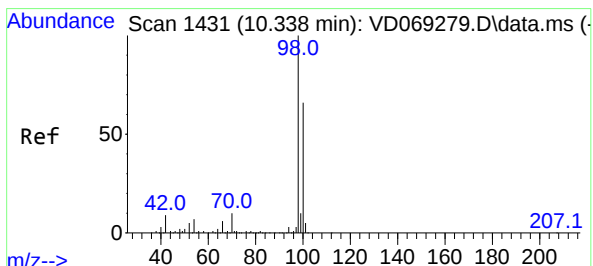
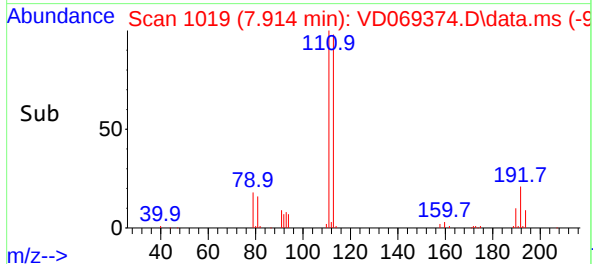
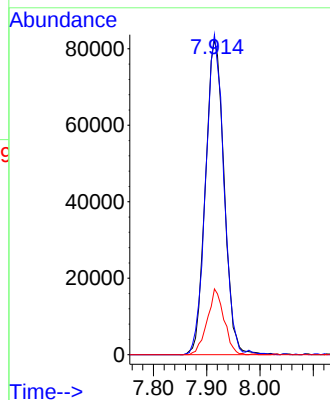
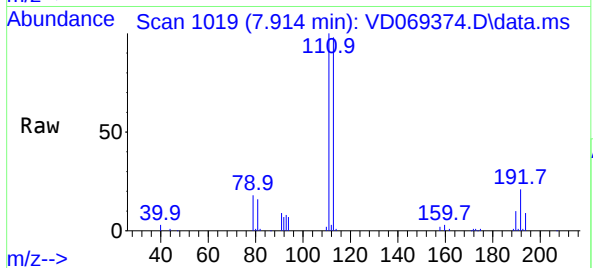


#35

Dibromofluoromethane
Concen: 58.020 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069374.D
Acq: 07 Jun 2021 18:08

Instrument :
MSVOA_D
ClientSampleId :
18-B12(142-146)

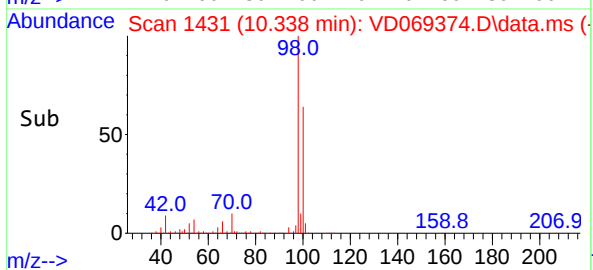
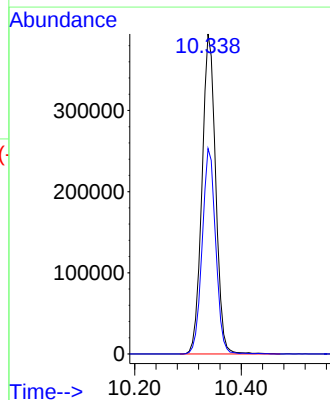
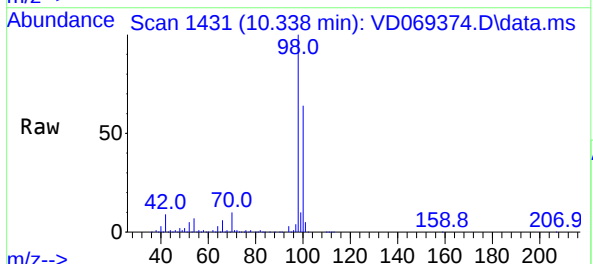
Tgt Ion:113 Resp: 199560
Ion Ratio Lower Upper
113 100
111 99.3 83.0 124.6
192 18.9 15.1 22.7

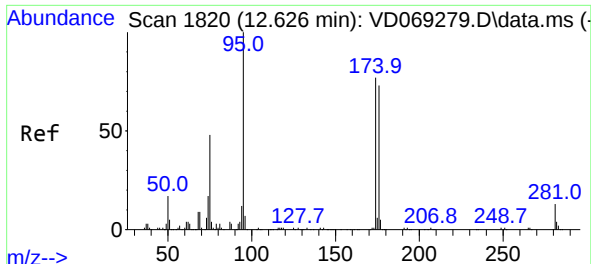


#50

Toluene-d8
Concen: 56.099 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069374.D
Acq: 07 Jun 2021 18:08

Tgt Ion: 98 Resp: 701656
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1



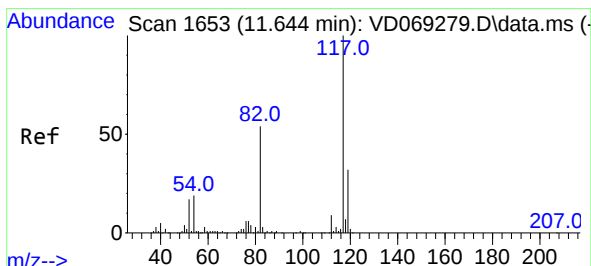
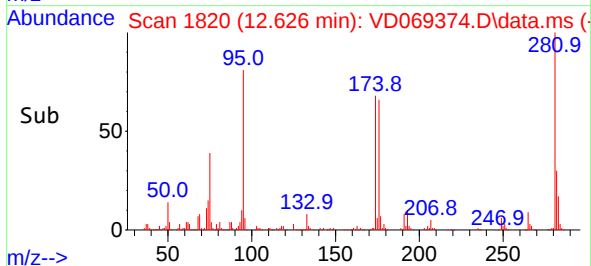
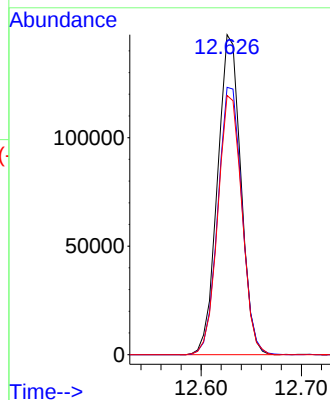
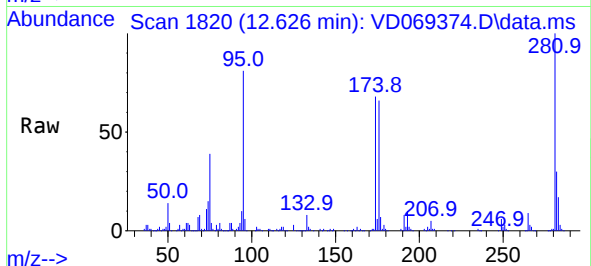


#62
4-Bromofluorobenzene
Concen: 58.240 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069374.D
Acq: 07 Jun 2021 18:08

Instrument :
MSVOA_D
ClientSampleId :
18-B12(142-146)

Tgt Ion: 95 Resp: 238685

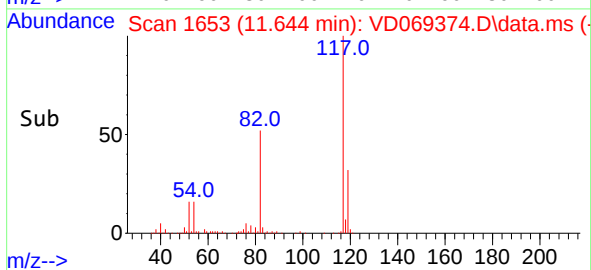
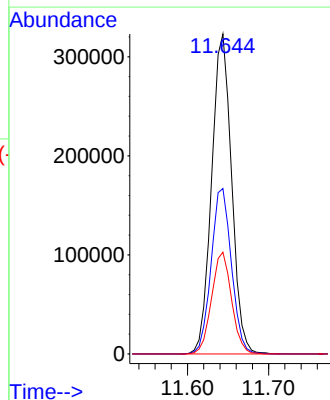
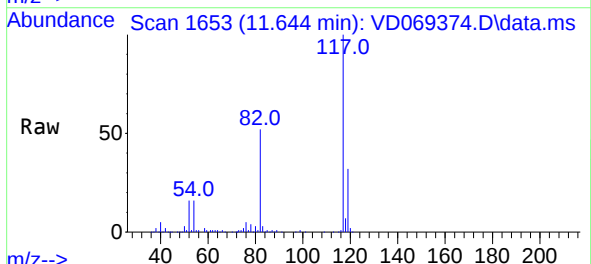
Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	162.8
176	83.2	0.0	154.4

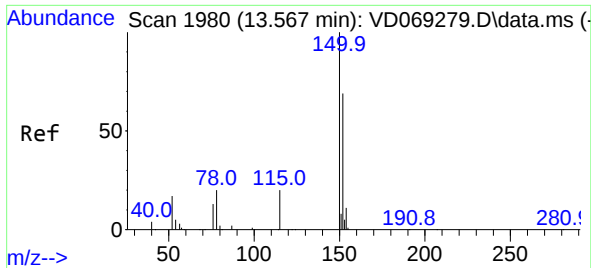


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069374.D
Acq: 07 Jun 2021 18:08

Tgt Ion: 117 Resp: 552031

Ion	Ratio	Lower	Upper
117	100		
82	51.7	43.3	64.9
119	31.8	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069374.D
 Acq: 07 Jun 2021 18:08

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(142-146)

Tgt Ion:152 Resp: 244897

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.4	88.3
150	159.1	0.0	355.0

