

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069377.D
 Acq On : 07 Jun 2021 19:33
 Operator : VA/SY
 Sample : M2625-05
 Misc : 5.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(154-158)

Quant Time: Jun 08 04:24:11 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)

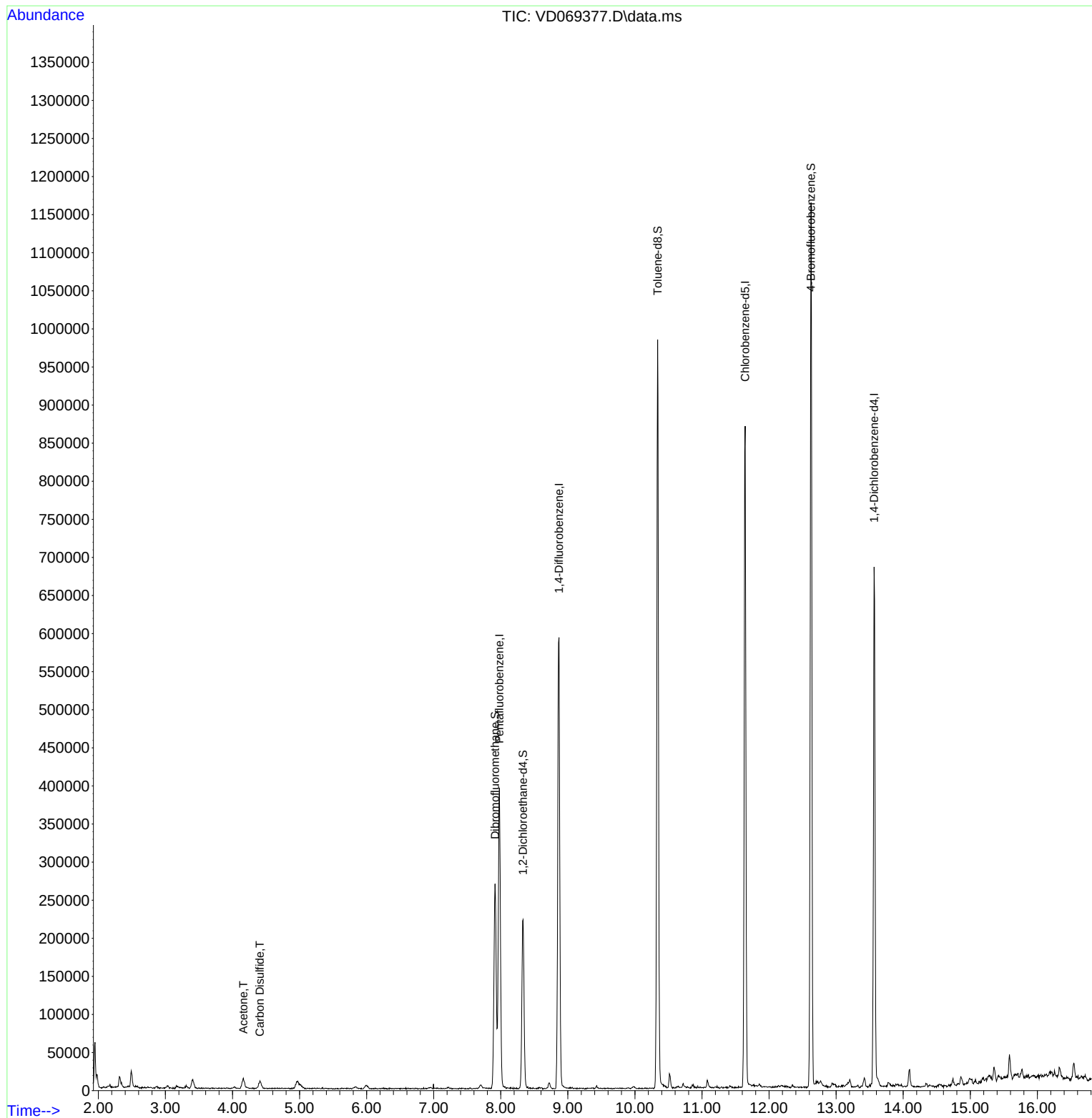
Internal Standards						
1) Pentafluorobenzene	7.979	168	292293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	539513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	532892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	191542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	177923	63.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.880%
35) Dibromofluoromethane	7.914	113	199045	58.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.500%
50) Toluene-d8	10.338	98	686213	55.699	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.400%
62) 4-Bromofluorobenzene	12.626	95	215396	53.356	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.720%
Target Compounds						Qvalue
16) Acetone	4.162	43	22236	45.433	ug/l	98
17) Carbon Disulfide	4.409	76	21107	2.177	ug/l	97

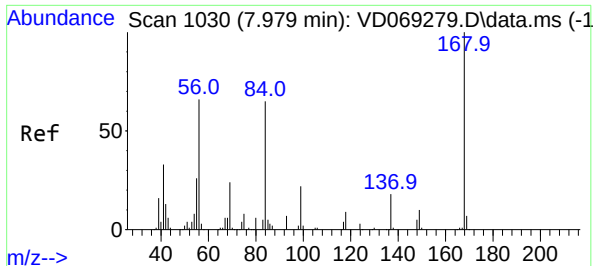
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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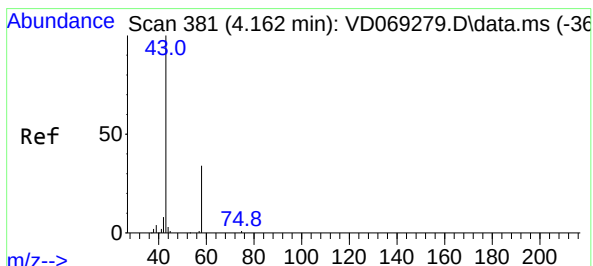
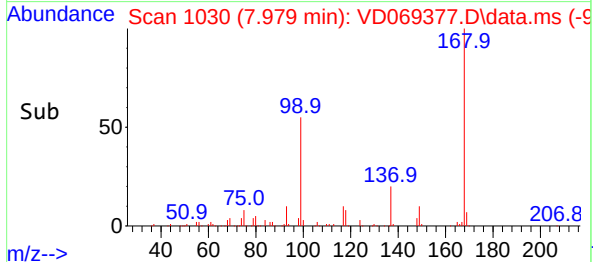
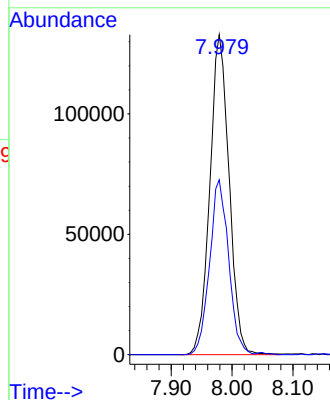
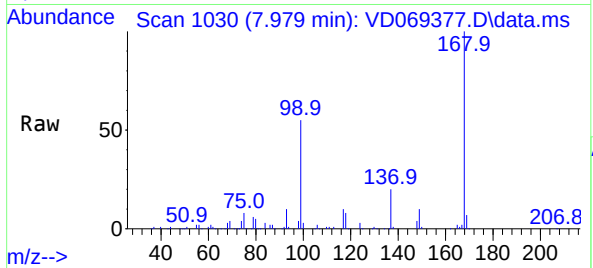




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

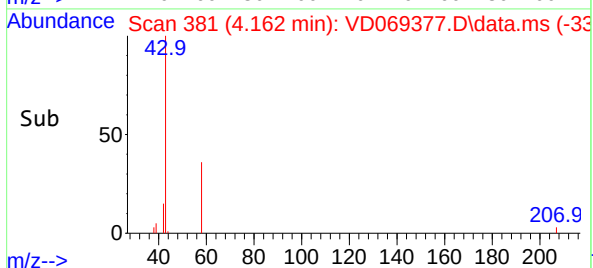
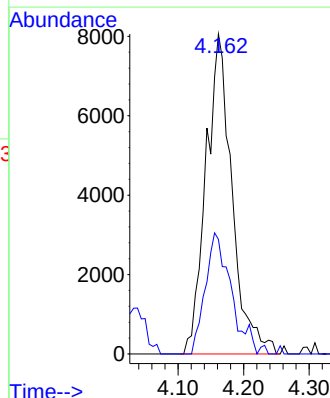
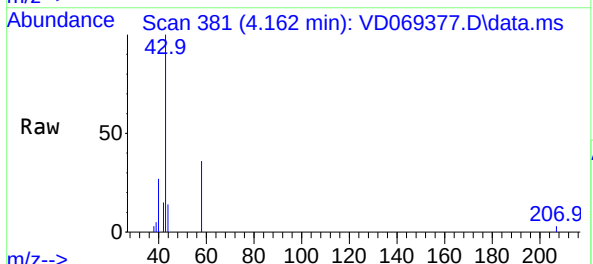
Instrument :
MSVOA_D
ClientSampleId :
18-B12(154-158)

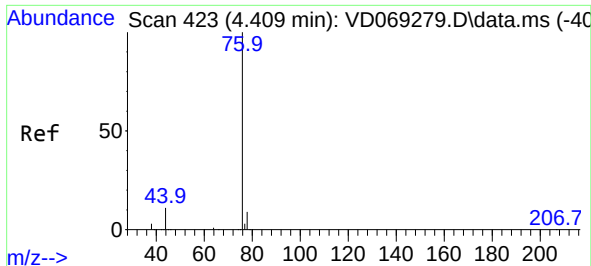
Tgt Ion:168 Resp: 292293
Ion Ratio Lower Upper
168 100
99 54.7 46.2 69.2



#16
Acetone
Concen: 45.433 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

Tgt Ion: 43 Resp: 22236
Ion Ratio Lower Upper
43 100
58 35.8 27.5 41.3

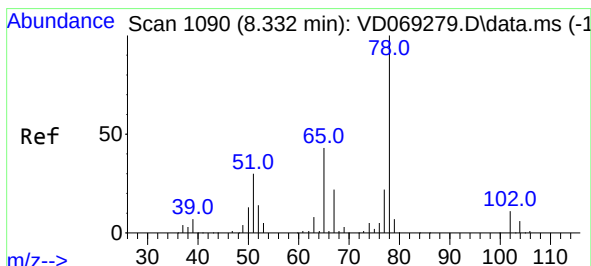
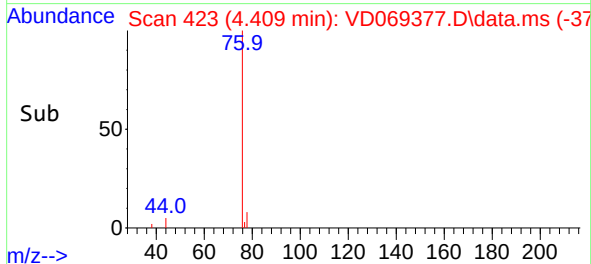
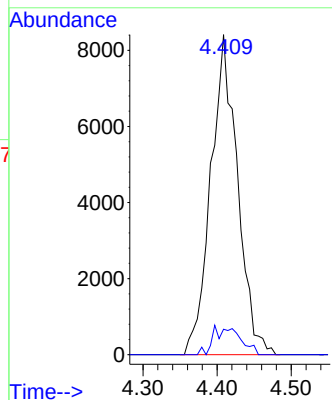
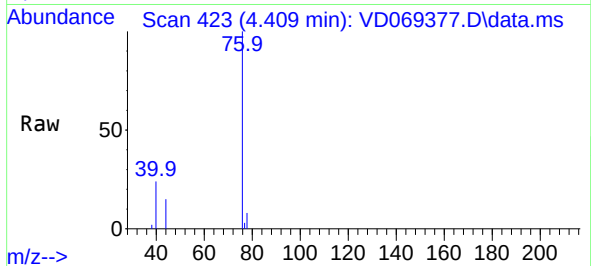




#17
Carbon Disulfide
Concen: 2.177 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

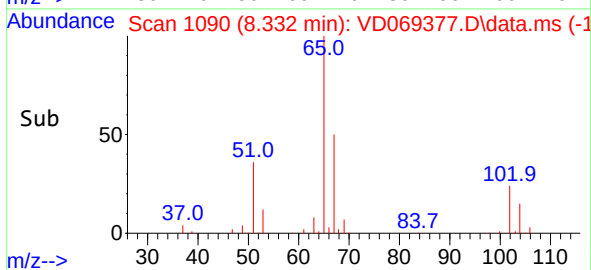
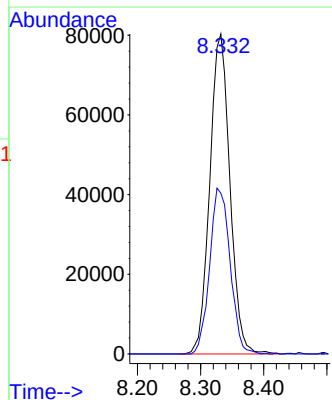
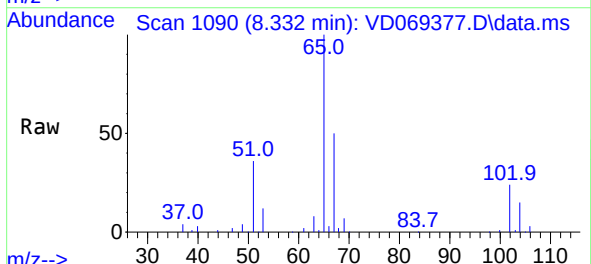
Instrument :
MSVOA_D
ClientSampleId :
18-B12(154-158)

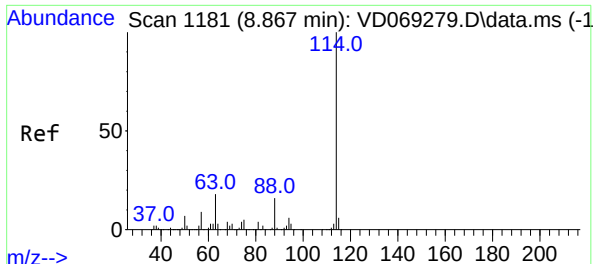
Tgt Ion: 76 Resp: 21107
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 63.440 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

Tgt Ion: 65 Resp: 177923
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8



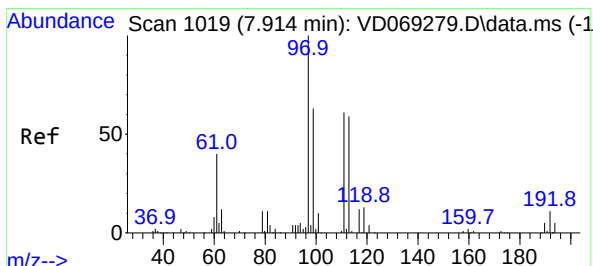
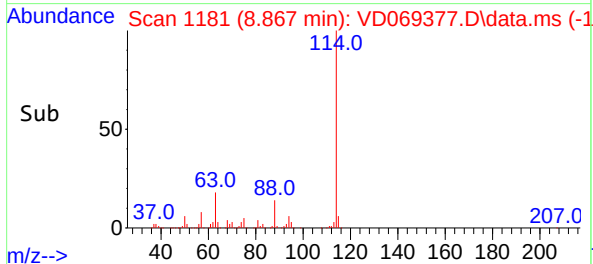
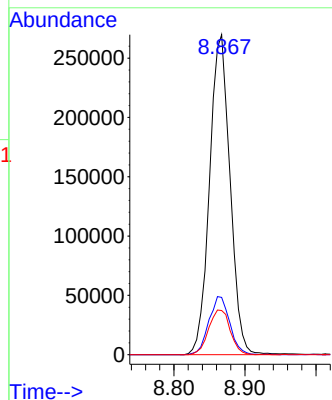
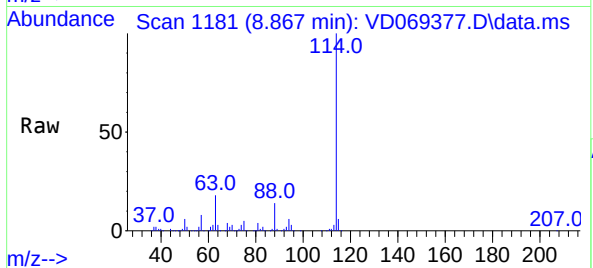


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

Instrument :
MSVOA_D
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18-B12(154-158)

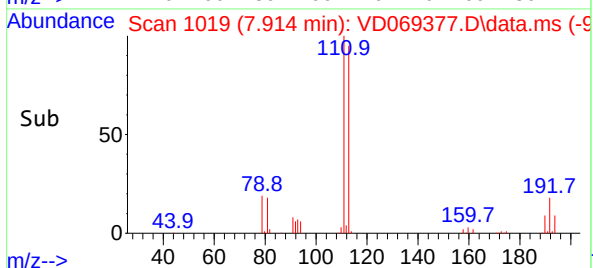
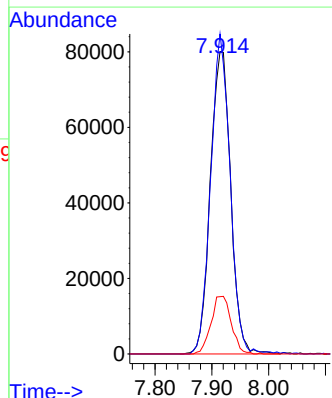
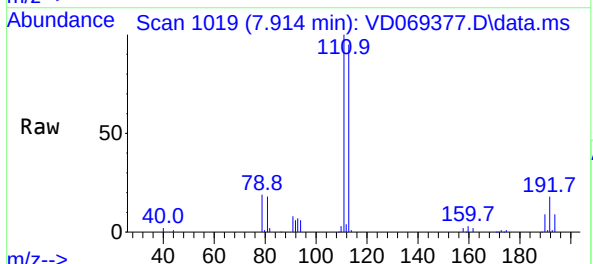
Tgt Ion:114 Resp: 539513
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.6
88 13.8 0.0 31.2

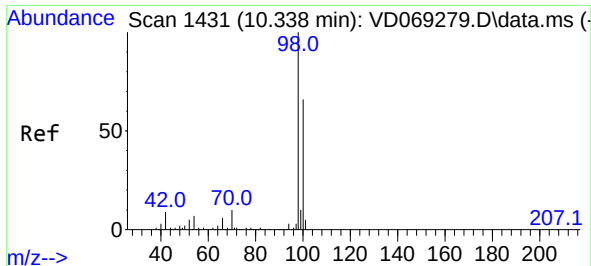


#35

Dibromofluoromethane
Concen: 58.750 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

Tgt Ion:113 Resp: 199045
Ion Ratio Lower Upper
113 100
111 100.8 83.0 124.6
192 18.9 15.1 22.7

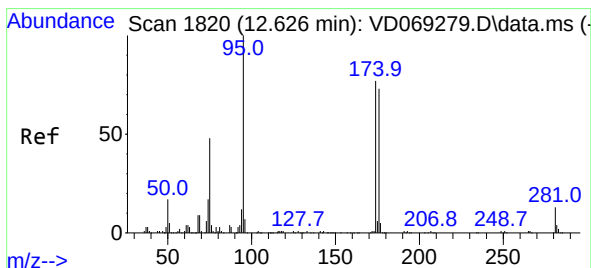
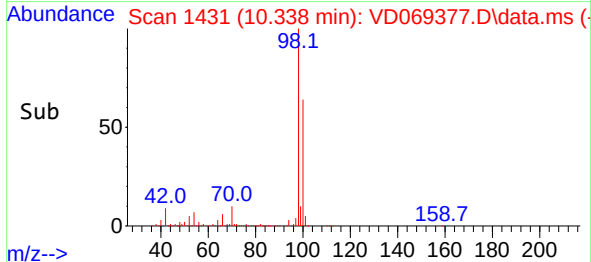
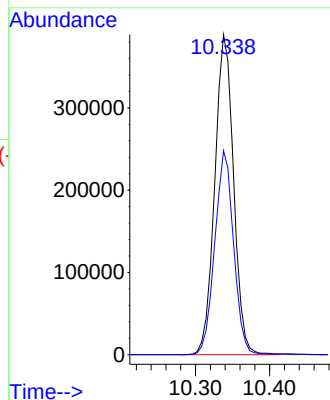
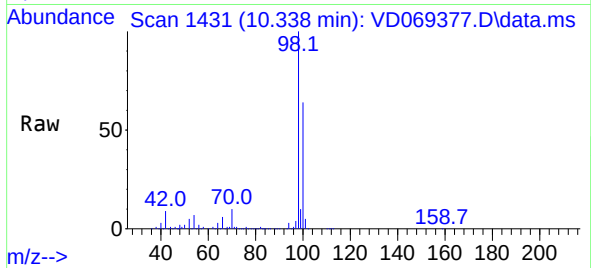




#50
Toluene-d8
Concen: 55.699 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

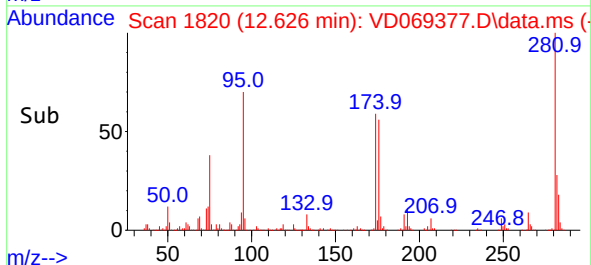
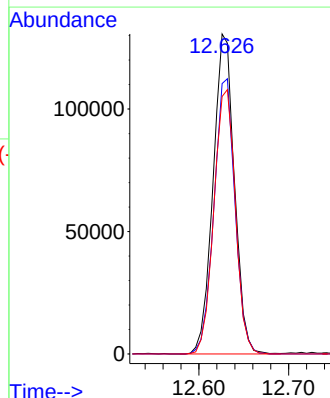
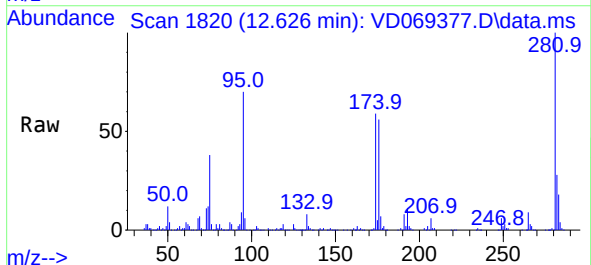
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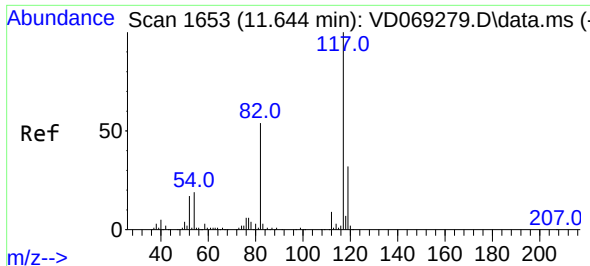
Tgt Ion: 98 Resp: 686213
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 53.356 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

Tgt Ion: 95 Resp: 215396
Ion Ratio Lower Upper
95 100
174 84.7 0.0 162.8
176 83.2 0.0 154.4

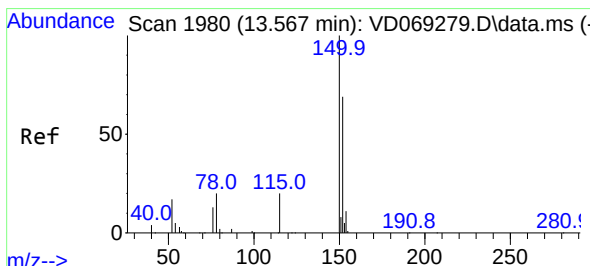
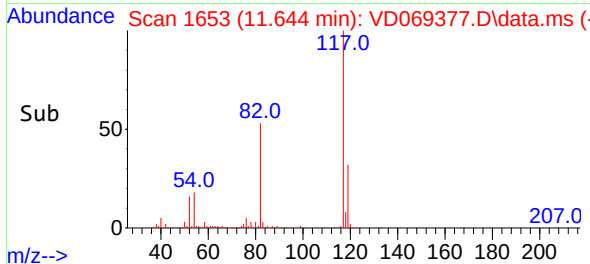
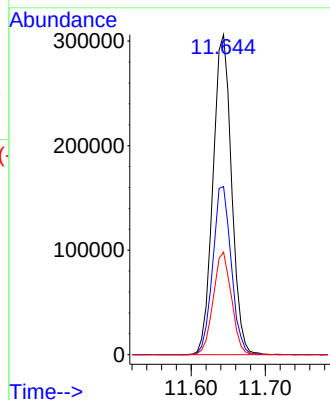
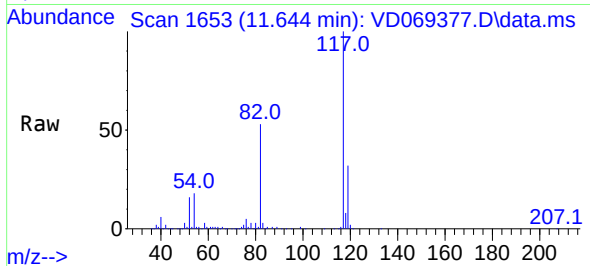




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069377.D
Acq: 07 Jun 2021 19:33

Instrument :
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18-B12(154-158)

Tgt Ion:	117	Resp:	532892
Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.3	64.9
119	32.1	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: VD069377.D
Acq: 07 Jun 2021 19:33

Tgt Ion:	152	Resp:	191542
Ion	Ratio	Lower	Upper
152	100		
115	55.5	29.4	88.3
150	154.2	0.0	355.0

