

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069378.D
 Acq On : 07 Jun 2021 20:02
 Operator : VA/SY
 Sample : M2625-06
 Misc : 7.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(158-162)

Quant Time: Jun 08 04:24:20 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)

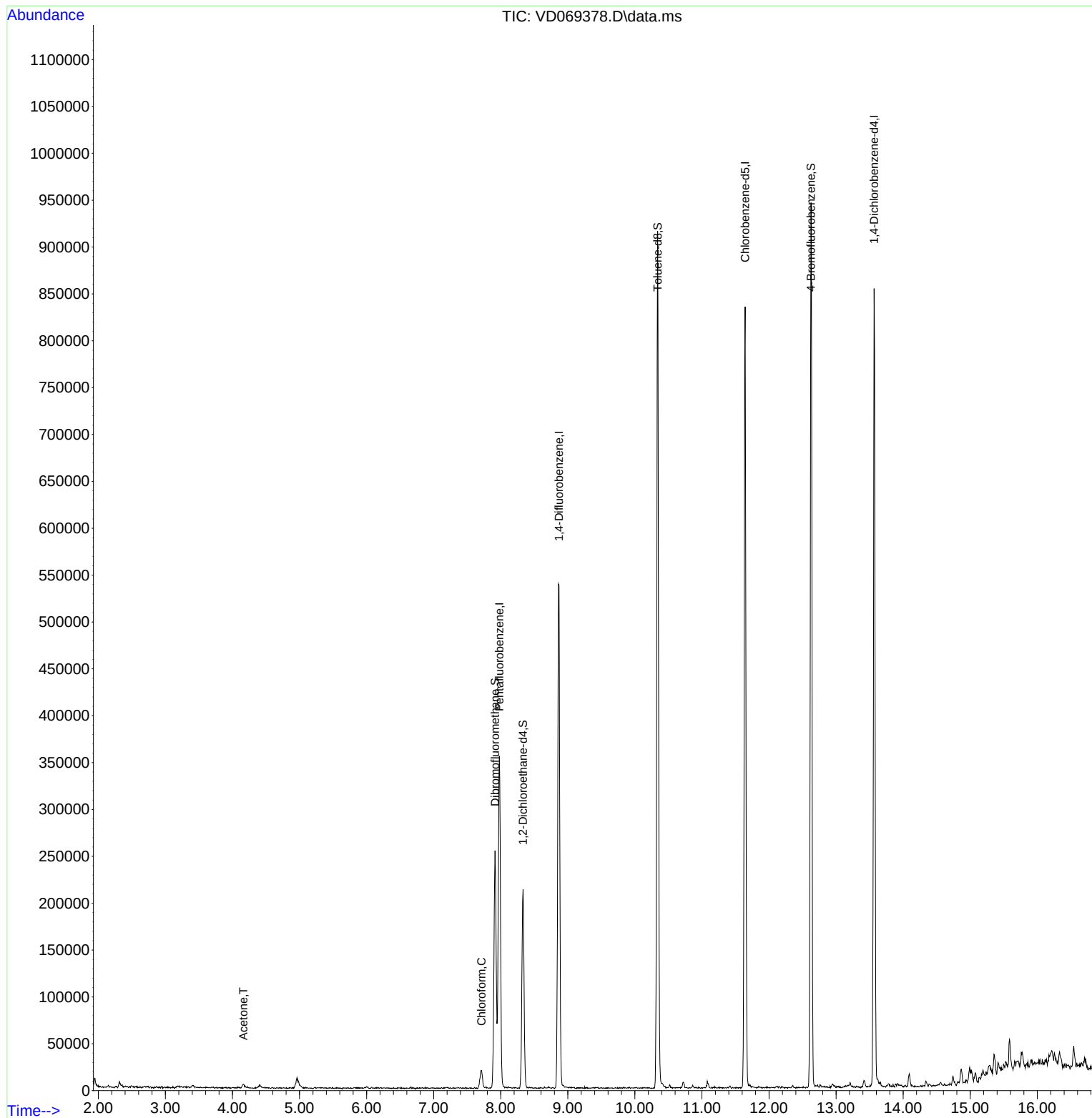
Internal Standards						
1) Pentafluorobenzene	7.979	168	270429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	495935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	509301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	233640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	169550	65.342	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.680%			
35) Dibromofluoromethane	7.914	113	183221	58.831	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.660%			
50) Toluene-d8	10.338	98	636693	56.220	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.440%			
62) 4-Bromofluorobenzene	12.626	95	213451	57.520	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.040%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	6684	14.761	ug/l	93
30) Chloroform	7.714	83	17225	2.996	ug/l	88

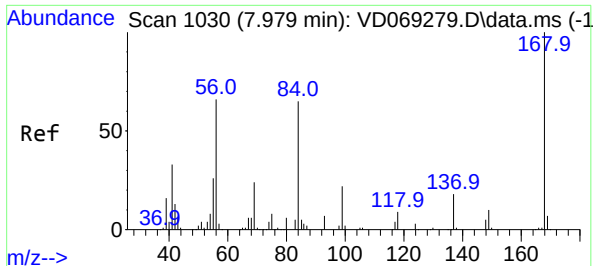
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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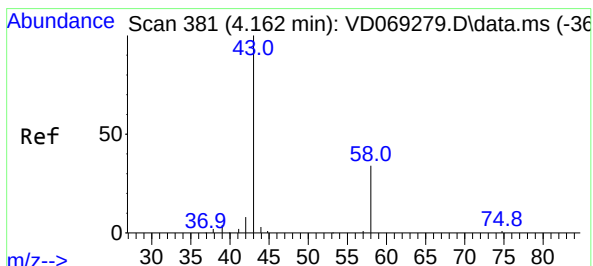
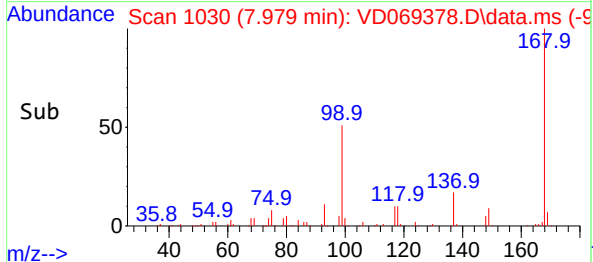
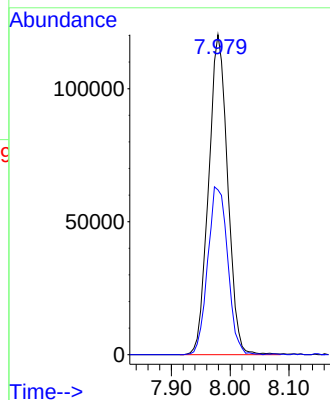
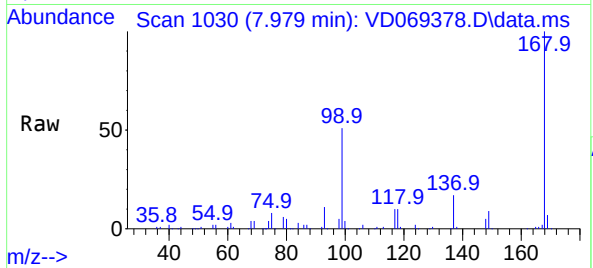




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

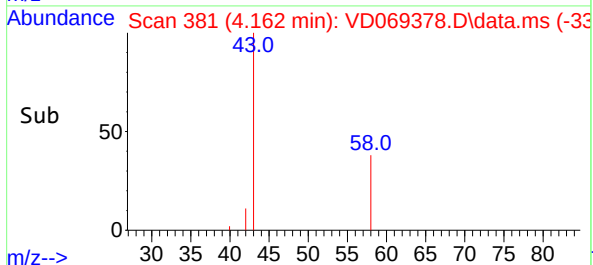
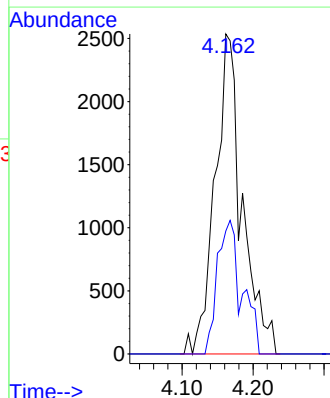
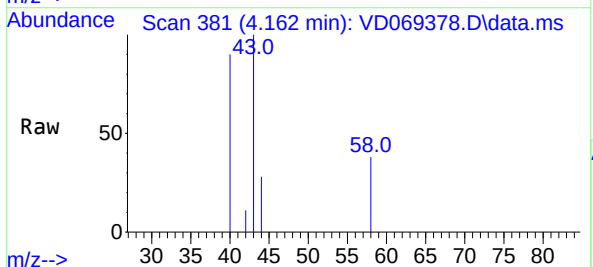
Instrument :
MSVOA_D
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18-B12(158-162)

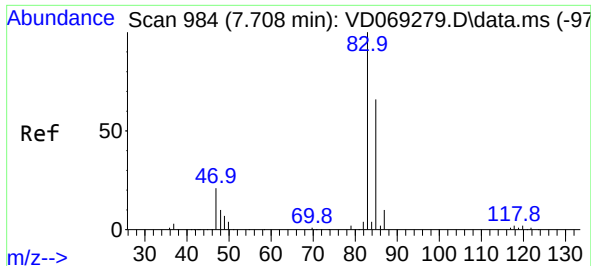
Tgt Ion:168 Resp: 270429
Ion Ratio Lower Upper
168 100
99 51.5 46.2 69.2



#16
Acetone
Concen: 14.761 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Tgt Ion: 43 Resp: 6684
Ion Ratio Lower Upper
43 100
58 38.4 27.5 41.3

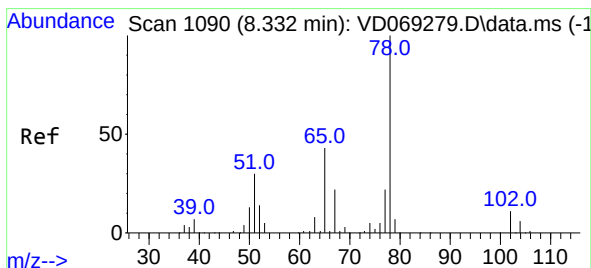
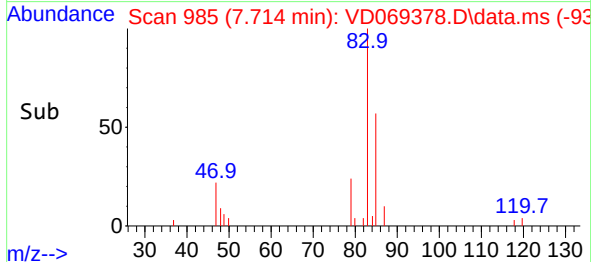
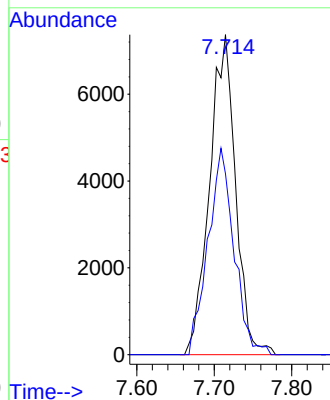
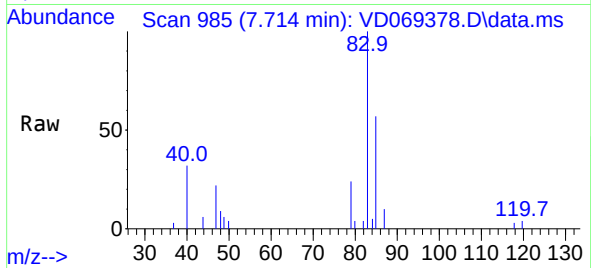




#30
Chloroform
Concen: 2.996 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.006 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

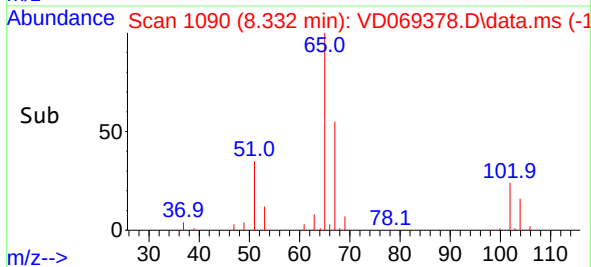
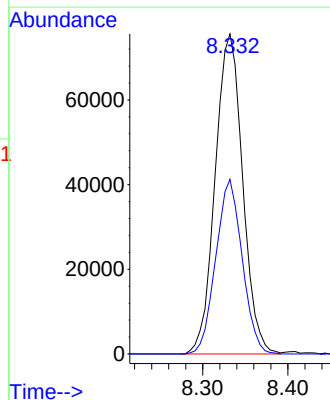
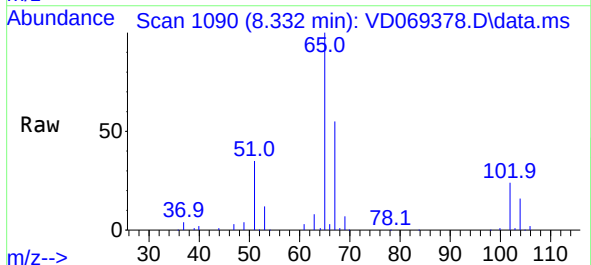
Instrument :
MSVOA_D
ClientSampleId :
18-B12(158-162)

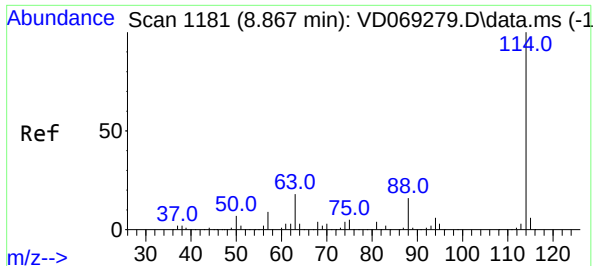
Tgt Ion: 83 Resp: 17225
Ion Ratio Lower Upper
83 100
85 56.6 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 65.342 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Tgt Ion: 65 Resp: 169550
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.8



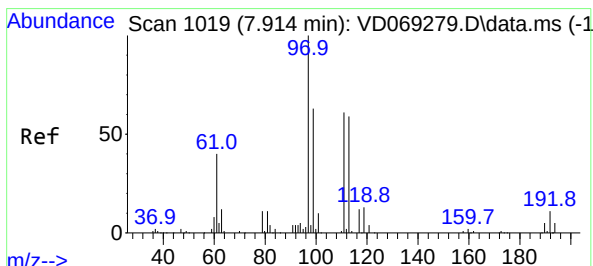
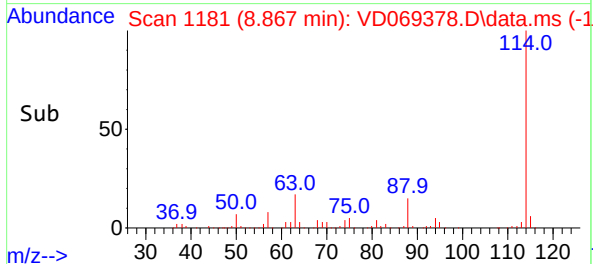
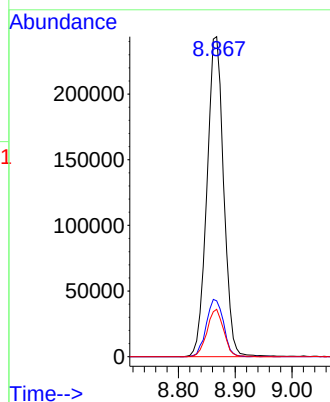
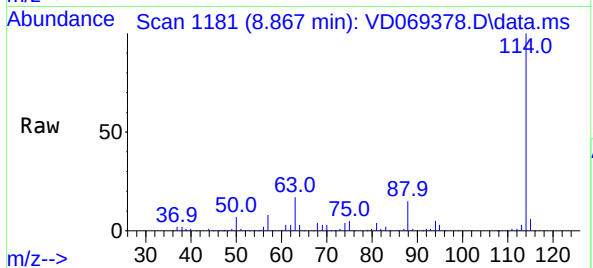


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Instrument :
MSVOA_D
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18-B12(158-162)

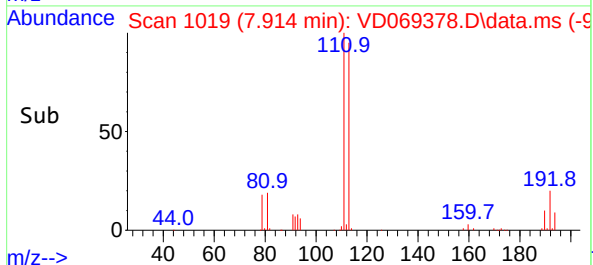
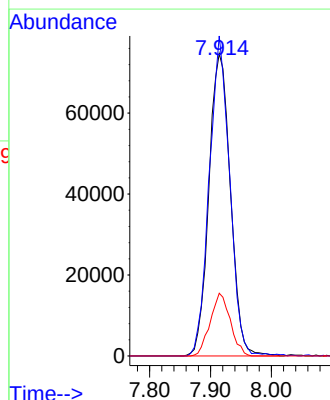
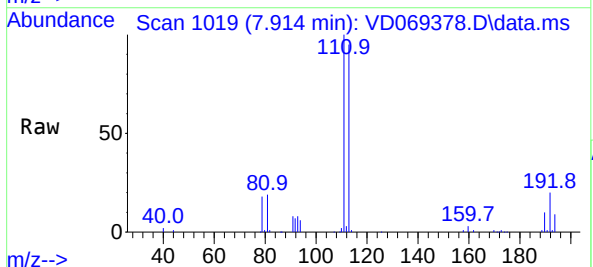
Tgt Ion:114 Resp: 495935
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.6
88 14.8 0.0 31.2

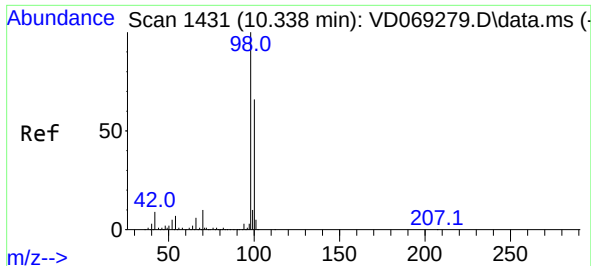


#35

Dibromofluoromethane
Concen: 58.831 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Tgt Ion:113 Resp: 183221
Ion Ratio Lower Upper
113 100
111 100.3 83.0 124.6
192 19.4 15.1 22.7

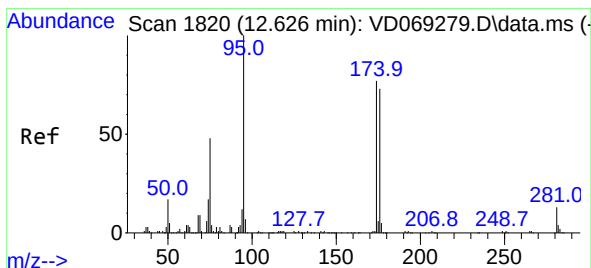
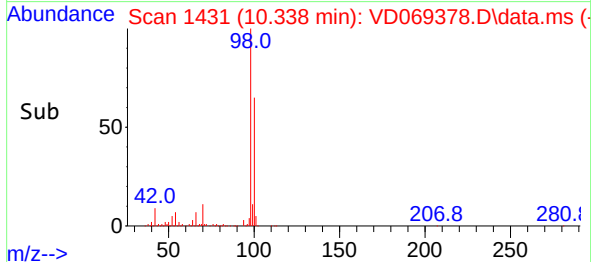
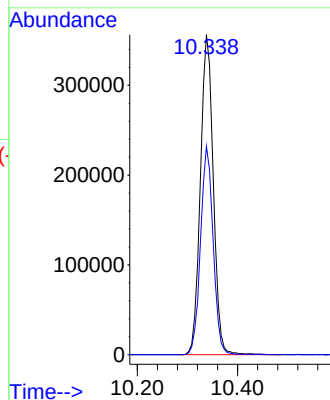
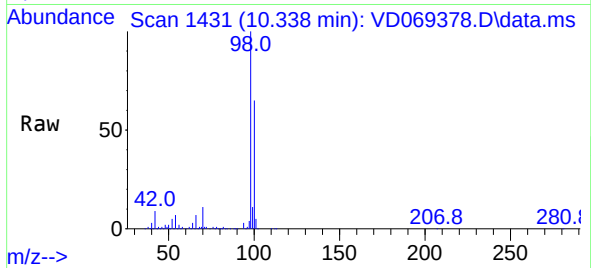




#50
Toluene-d8
Concen: 56.220 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

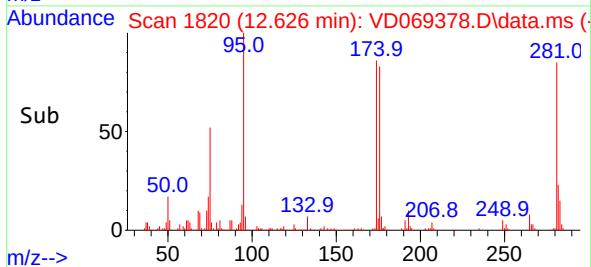
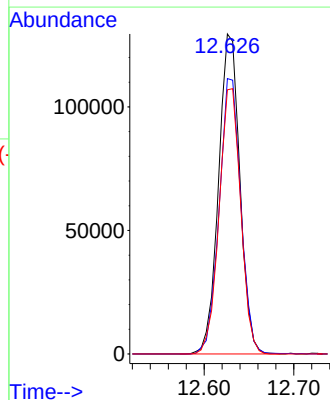
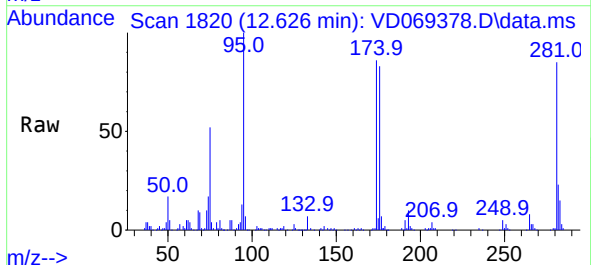
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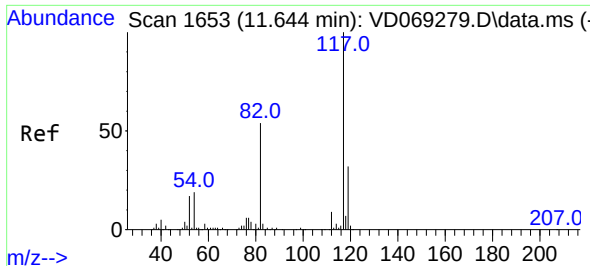
Tgt Ion: 98 Resp: 636693
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 57.520 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

Tgt Ion: 95 Resp: 213451
Ion Ratio Lower Upper
95 100
174 87.3 0.0 162.8
176 83.9 0.0 154.4

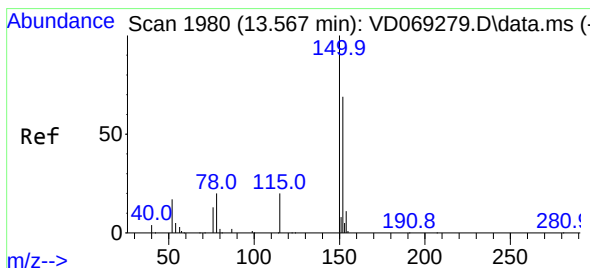
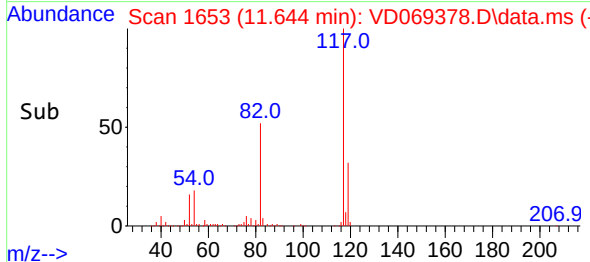
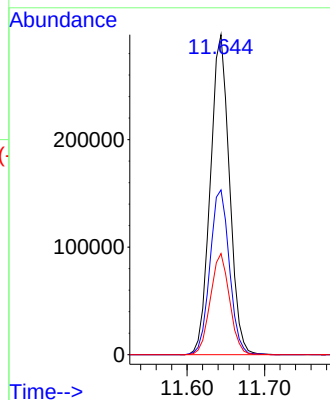
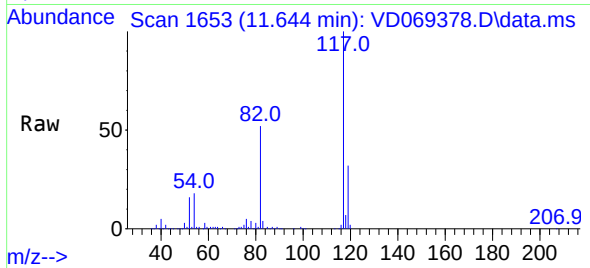




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069378.D
Acq: 07 Jun 2021 20:02

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18-B12(158-162)

Tgt Ion:	117	Resp:	509301
Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.3	64.9
119	31.6	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: VD069378.D
Acq: 07 Jun 2021 20:02

Tgt Ion:	152	Resp:	233640
Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.4	88.3
150	157.4	0.0	355.0

