

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070477.D
 Acq On : 27 Sep 2021 14:59
 Operator : VA/SY
 Sample : M3908-04
 Misc : 5.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-UST-05-(23-25)

Quant Time: Sep 28 04:13:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	5182	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.856	114	9960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	9660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	4350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	6260	94.082	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.160%#	
35) Dibromofluoromethane	7.914	113	3091	43.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.200%	
50) Toluene-d8	10.332	98	9643	37.462	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 74.920%	
62) 4-Bromofluorobenzene	12.620	95	3827	42.541	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.080%	

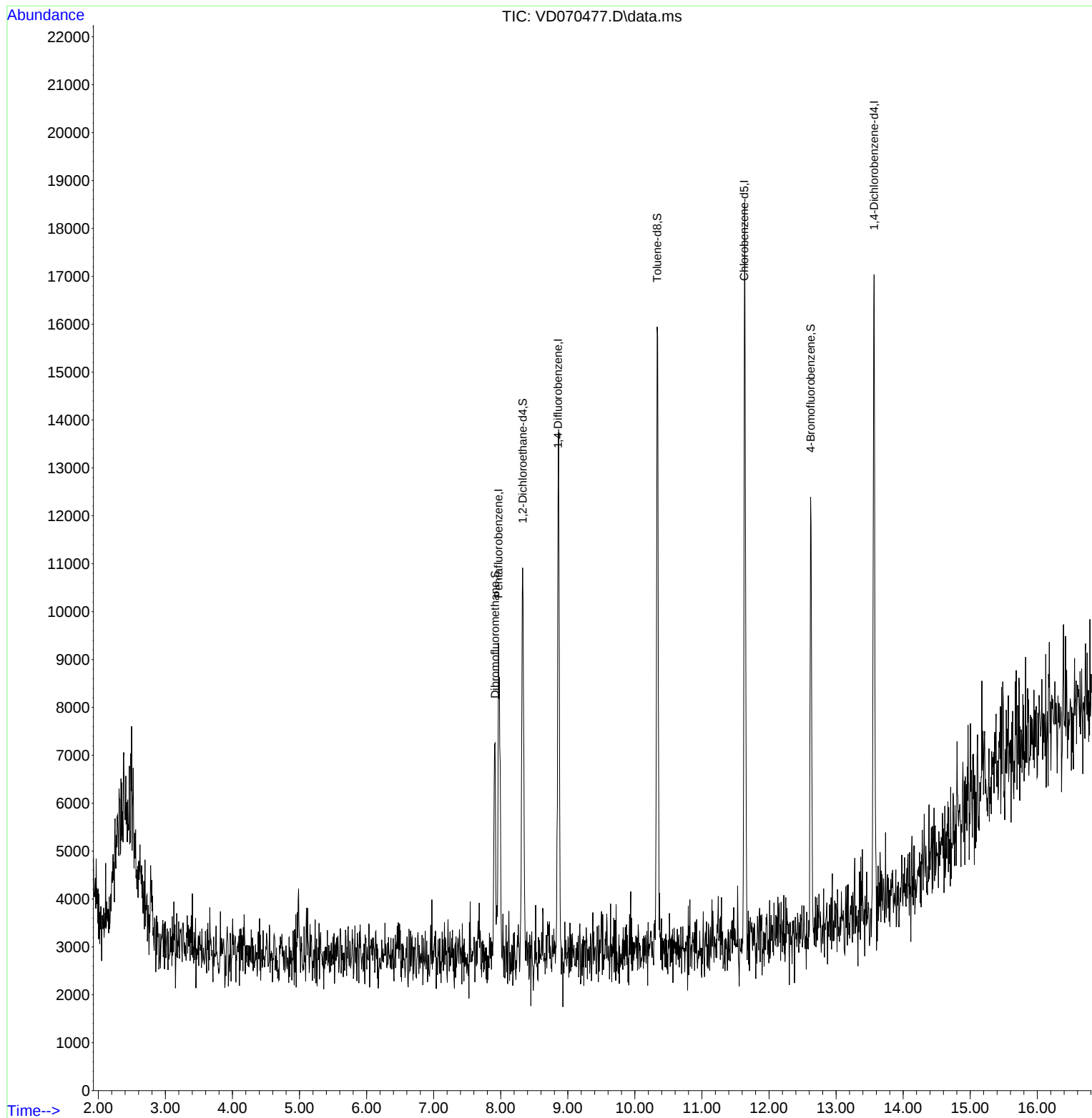
Target Compounds	Qvalue

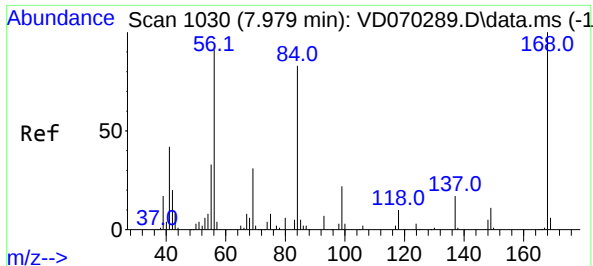
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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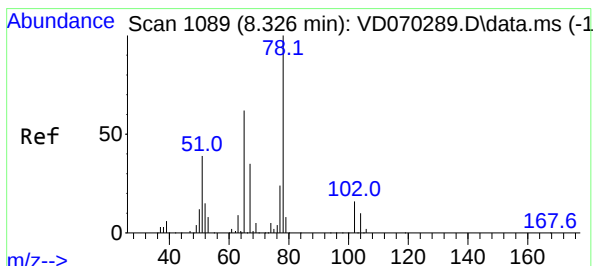
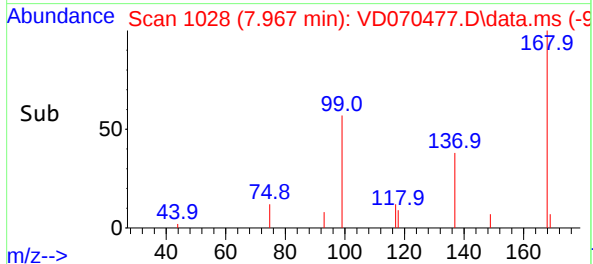
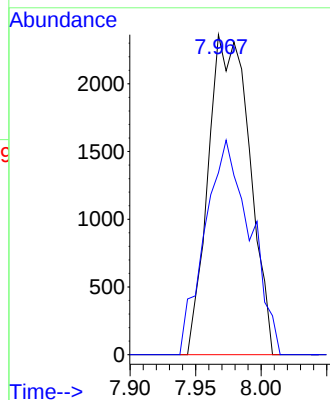
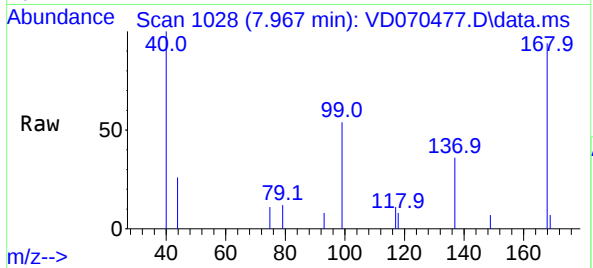




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD070477.D
Acq: 27 Sep 2021 14:59

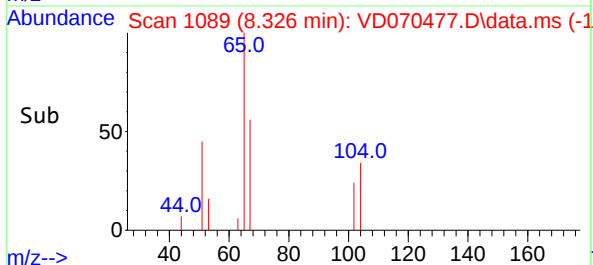
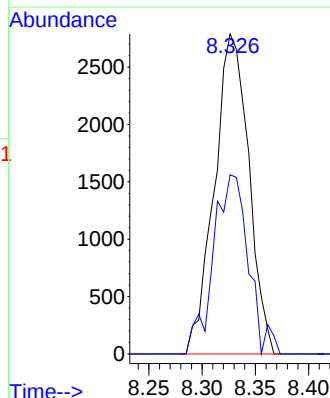
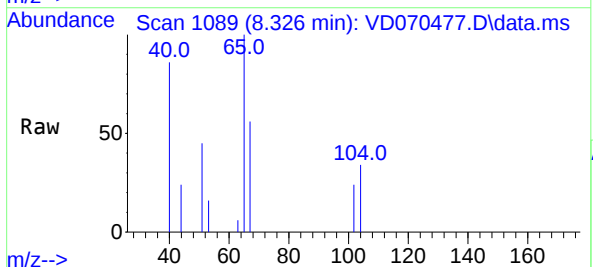
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-05-(23-25)

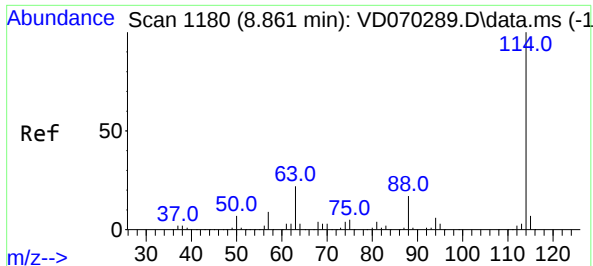
Tgt Ion:168 Resp: 5182
Ion Ratio Lower Upper
168 100
99 56.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 94.082 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070477.D
Acq: 27 Sep 2021 14:59

Tgt Ion: 65 Resp: 6260
Ion Ratio Lower Upper
65 100
67 57.3 0.0 111.4

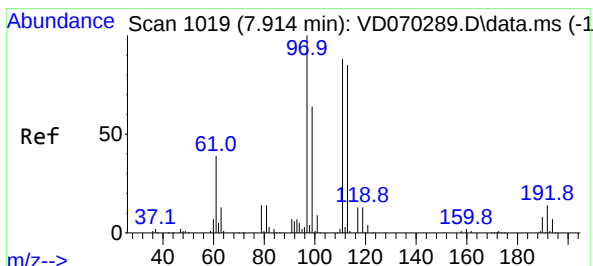
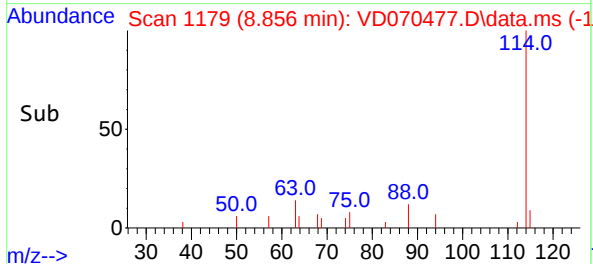
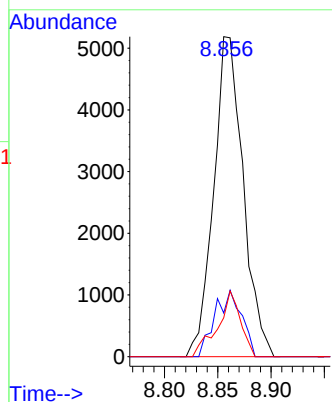
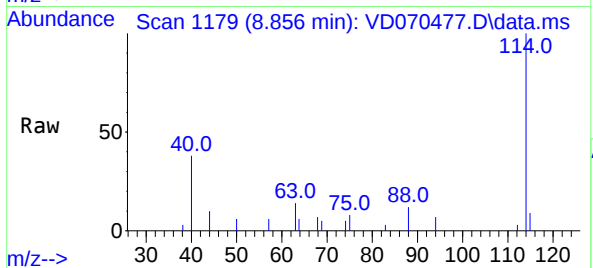




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070477.D
Acq: 27 Sep 2021 14:59

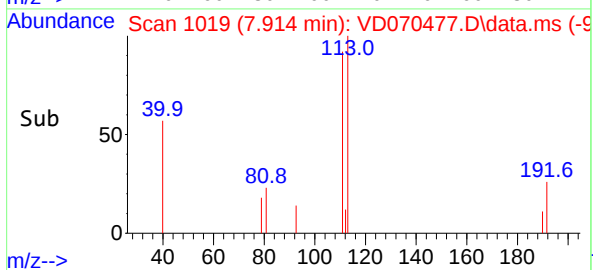
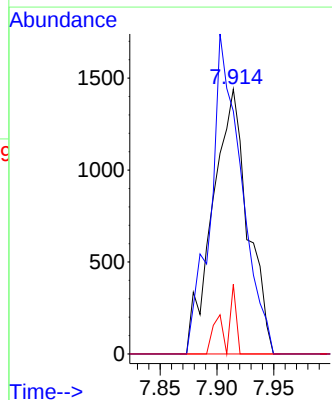
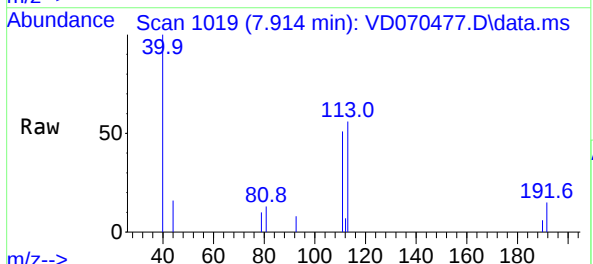
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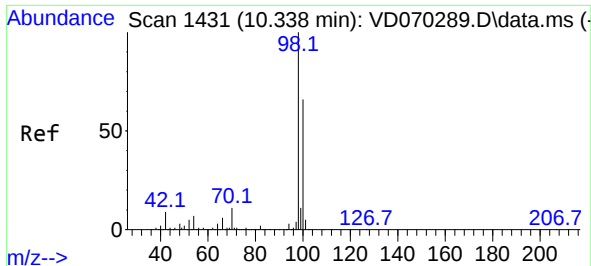
Tgt Ion:	114	Resp:	9960
Ion Ratio	Lower	Upper	
114	100		
63	13.7	0.0	43.4
88	12.1	0.0	33.4



#35
Dibromofluoromethane
Concen: 43.599 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070477.D
Acq: 27 Sep 2021 14:59

Tgt Ion:	113	Resp:	3091
Ion Ratio	Lower	Upper	
113	100		
111	106.1	81.4	122.2
192	4.2	13.0	19.6#

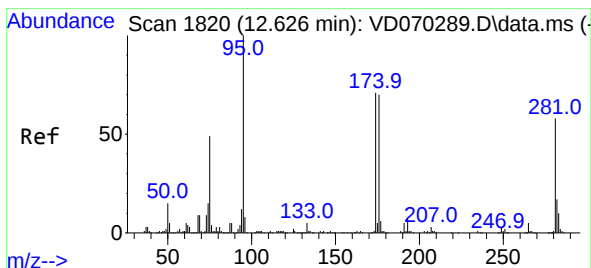
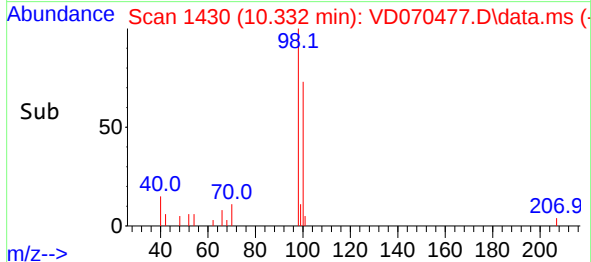
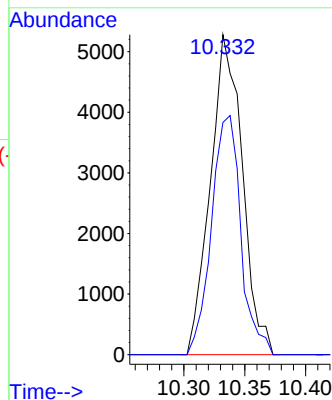
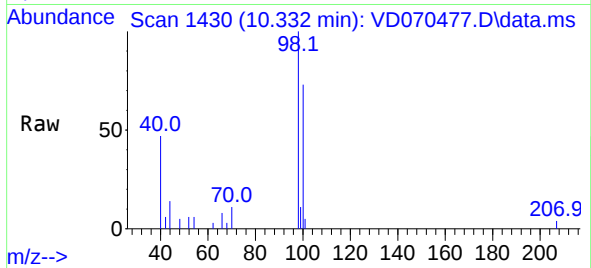




#50
Toluene-d8
Concen: 37.462 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070477.D
Acq: 27 Sep 2021 14:59

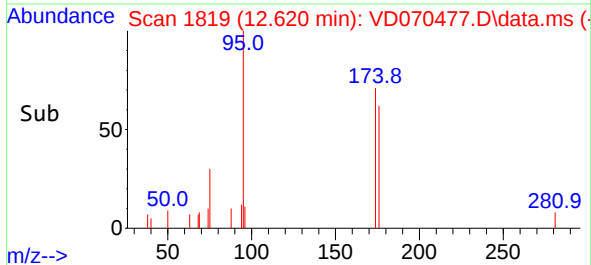
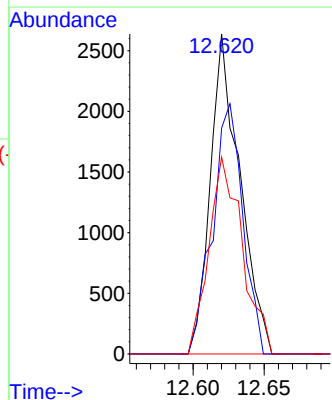
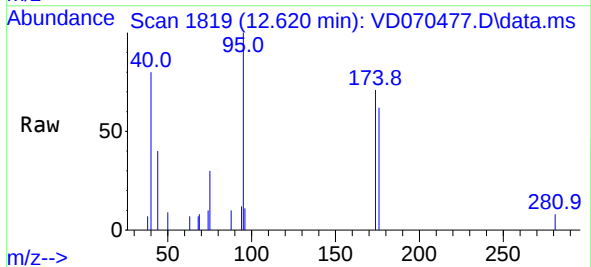
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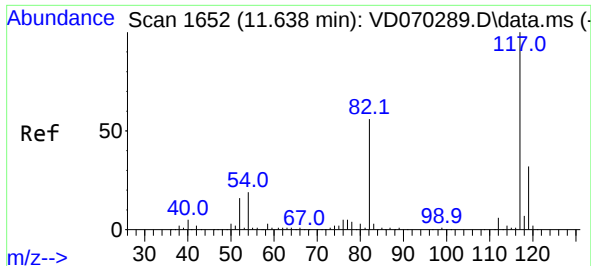
Tgt Ion: 98 Resp: 9643
Ion Ratio Lower Upper
98 100
100 68.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.541 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070477.D
Acq: 27 Sep 2021 14:59

Tgt Ion: 95 Resp: 3827
Ion Ratio Lower Upper
95 100
174 80.1 0.0 140.6
176 69.5 0.0 137.4

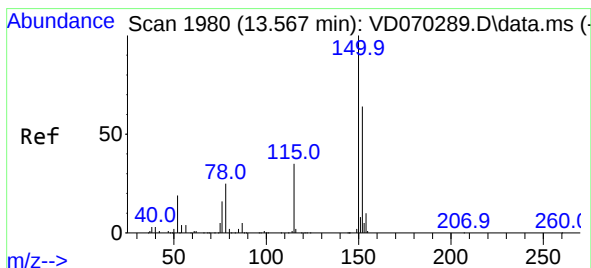
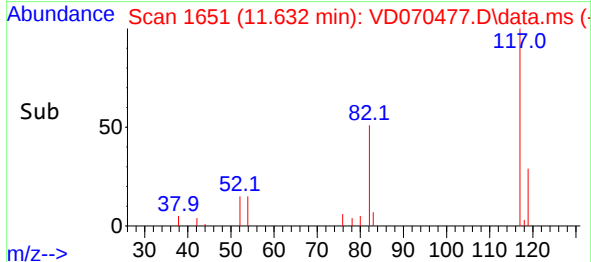
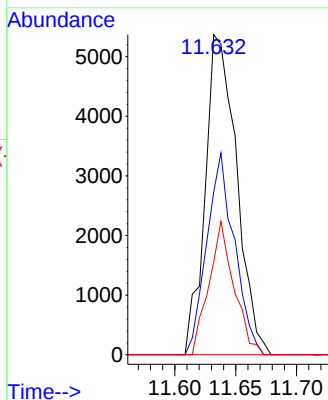
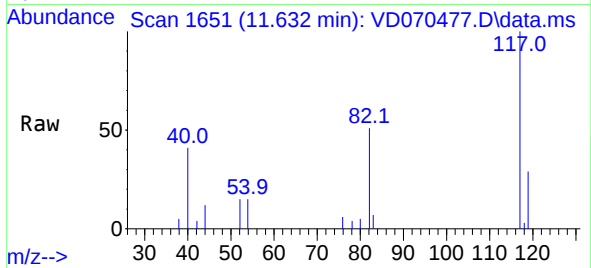




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD070477.D
Acq: 27 Sep 2021 14:59

Instrument :
MSVOA_D
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Tgt Ion:	117	Resp:	9660
Ion	Ratio	Lower	Upper
117	100		
82	50.8	45.0	67.4
119	29.0	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070477.D
Acq: 27 Sep 2021 14:59

Tgt Ion:	152	Resp:	4350
Ion	Ratio	Lower	Upper
152	100		
115	53.5	32.1	96.3
150	143.2	0.0	350.6

