

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111022\  
 Data File : VD074877.D  
 Acq On : 10 Nov 2022 19:34  
 Operator : VA/SY  
 Sample : N5501-01RE  
 Misc : 5.05G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 HS-3-110722RE

Quant Time: Nov 11 07:19:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 03 02:30:45 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	103348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	195517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	177222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	74267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50951	62.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.500%
35) Dibromofluoromethane	7.805	113	59751	51.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.320%
50) Toluene-d8	10.269	98	162737	38.574	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.140%
62) 4-Bromofluorobenzene	12.575	95	52630	43.207	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.420%

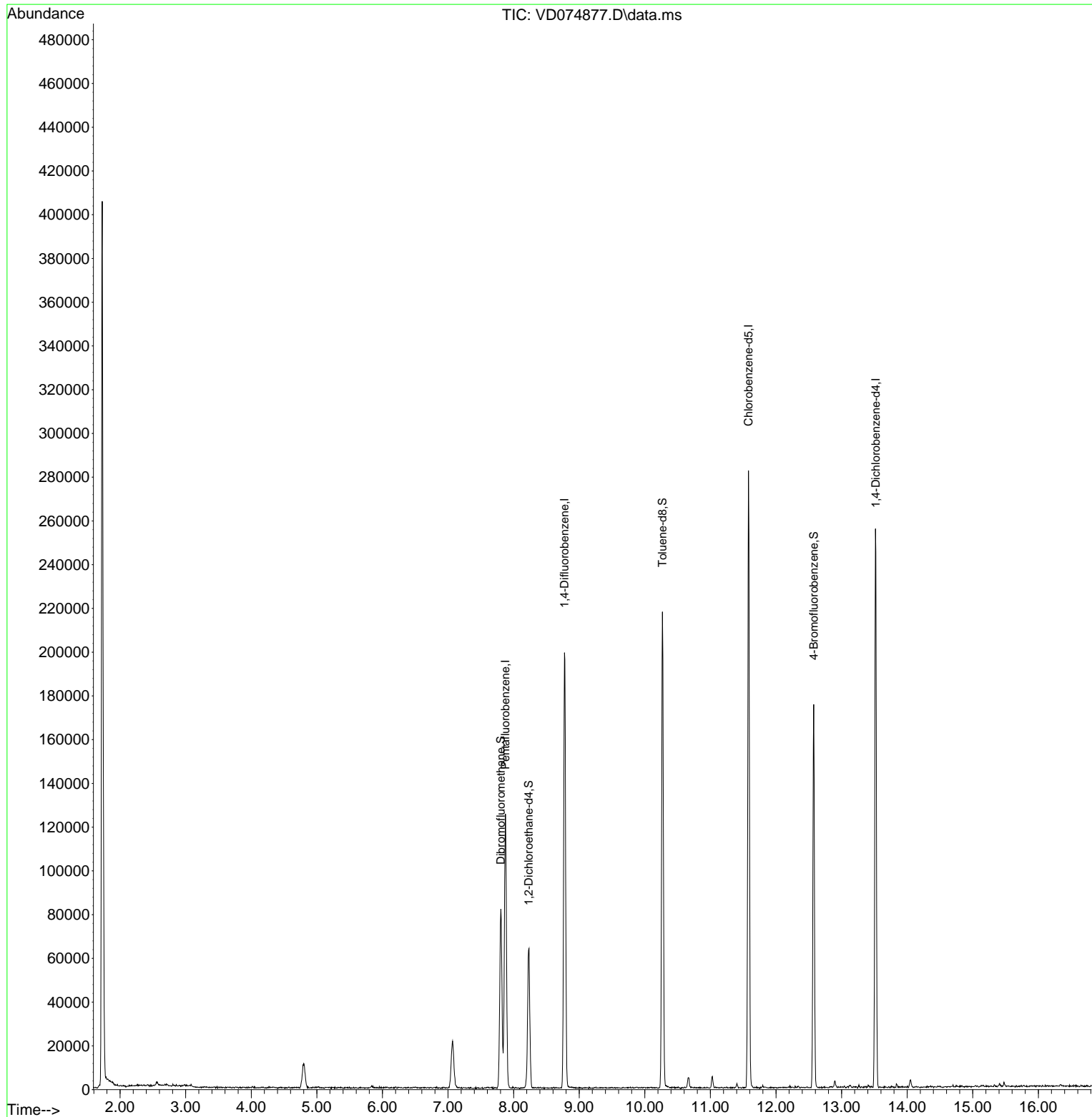
Target Compounds Qvalue

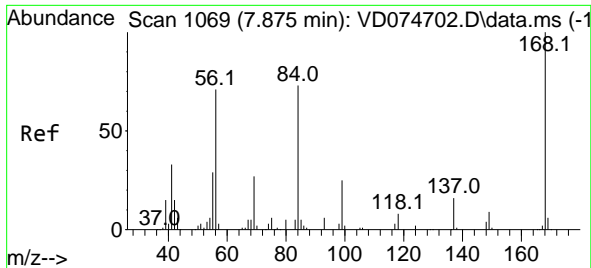
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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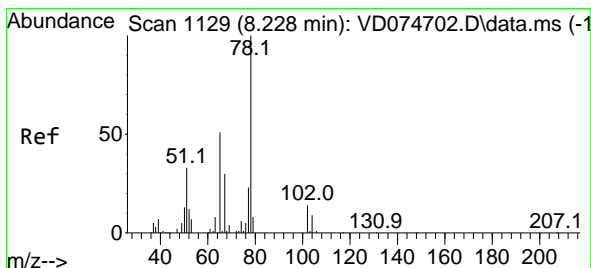
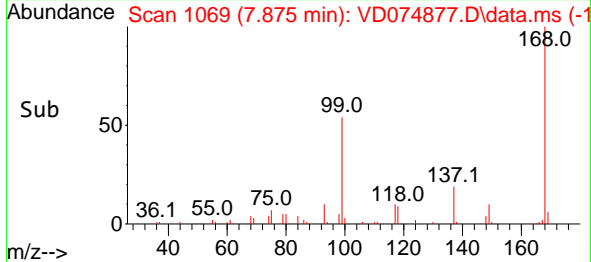
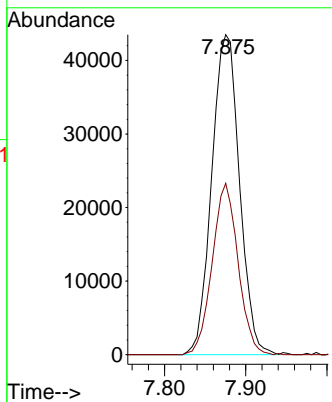
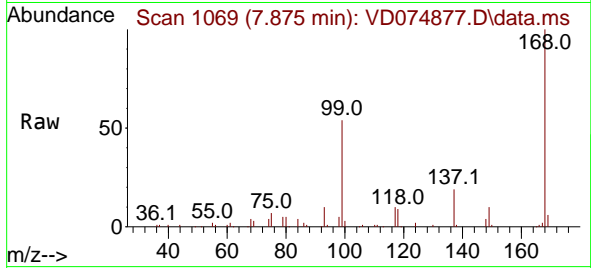




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.875 min Scan# 1069  
 Delta R.T. 0.000 min  
 Lab File: VD074877.D  
 Acq: 10 Nov 2022 19:34

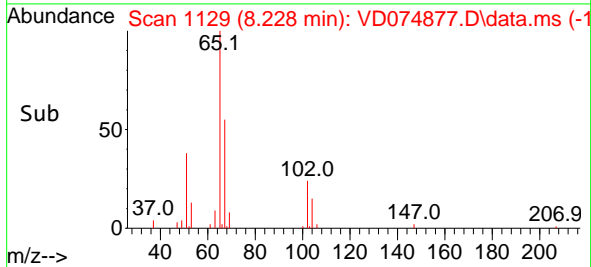
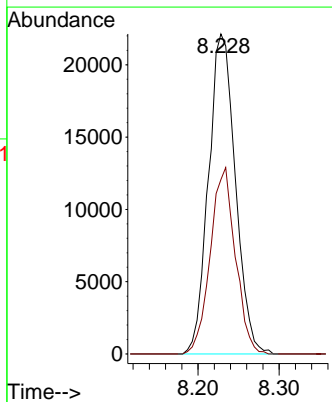
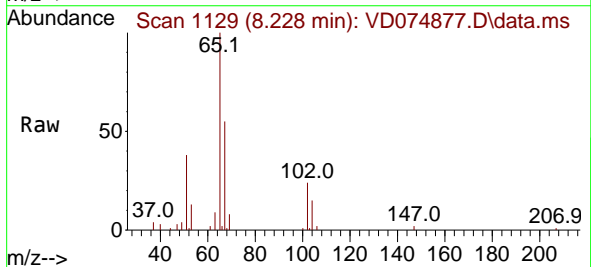
Instrument : MSVOA\_D  
 ClientSampleId : HS-3-110722RE

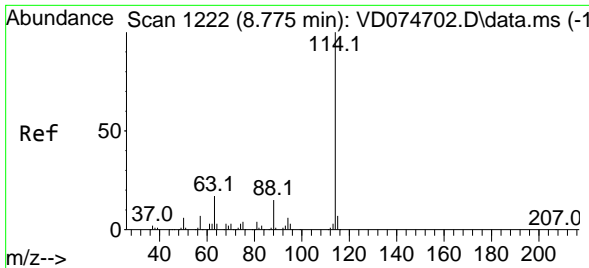
Tgt Ion:168 Resp: 103348  
 Ion Ratio Lower Upper  
 168 100  
 99 53.6 40.9 61.3



#33  
 1,2-Dichloroethane-d4  
 Concen: 62.246 ug/l  
 RT: 8.228 min Scan# 1129  
 Delta R.T. 0.000 min  
 Lab File: VD074877.D  
 Acq: 10 Nov 2022 19:34

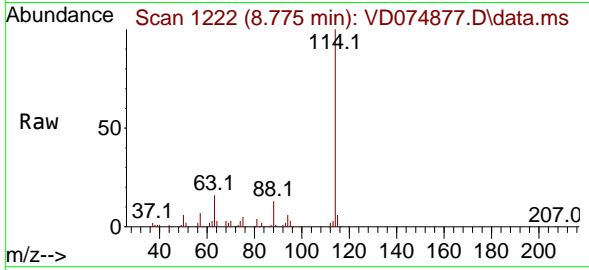
Tgt Ion: 65 Resp: 50951  
 Ion Ratio Lower Upper  
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 67 54.3 0.0 110.2



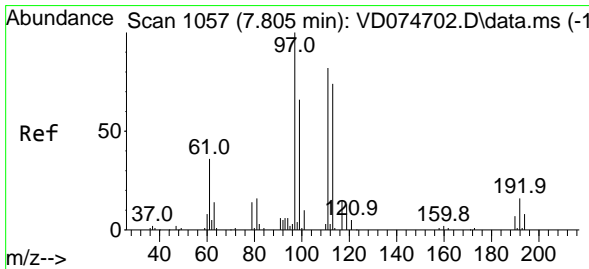
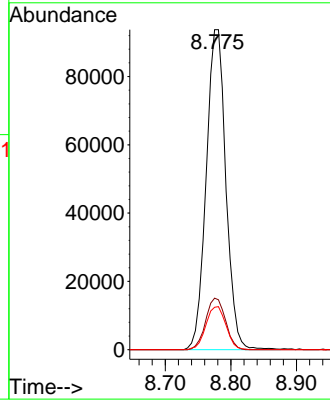
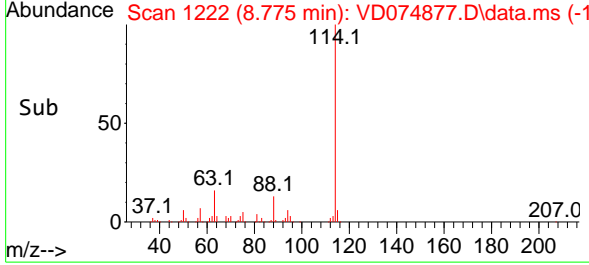


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.775 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VD074877.D  
 Acq: 10 Nov 2022 19:34

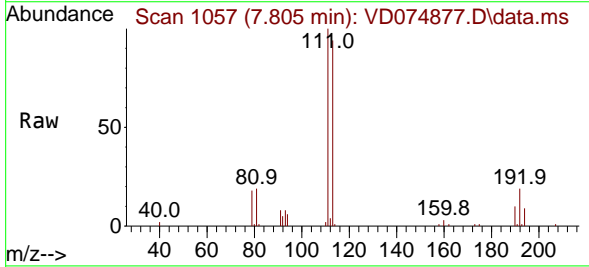
Instrument : MSVOA\_D  
 ClientSampleId : HS-3-110722RE



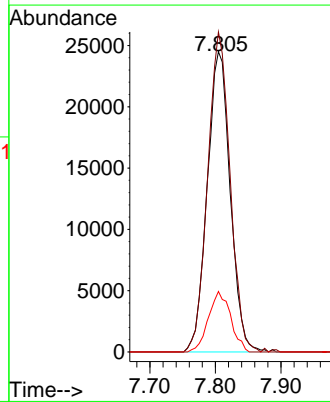
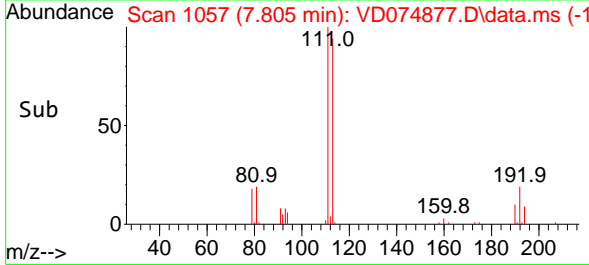
Tgt Ion:114 Resp: 195517  
 Ion Ratio Lower Upper  
 114 100  
 63 16.1 0.0 33.2  
 88 13.2 0.0 28.2

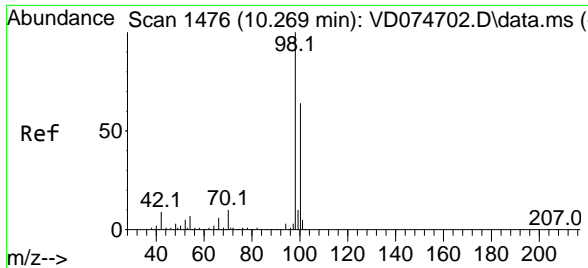


#35  
 Dibromofluoromethane  
 Concen: 51.663 ug/l  
 RT: 7.805 min Scan# 1057  
 Delta R.T. -0.000 min  
 Lab File: VD074877.D  
 Acq: 10 Nov 2022 19:34



Tgt Ion:113 Resp: 59751  
 Ion Ratio Lower Upper  
 113 100  
 111 103.6 82.3 123.5  
 192 19.4 16.4 24.6

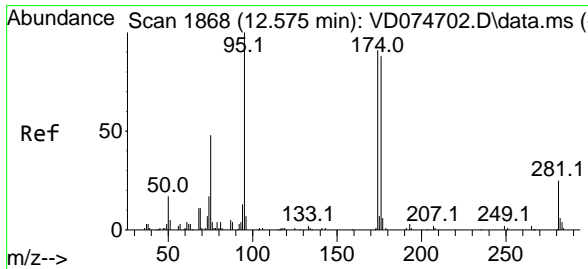
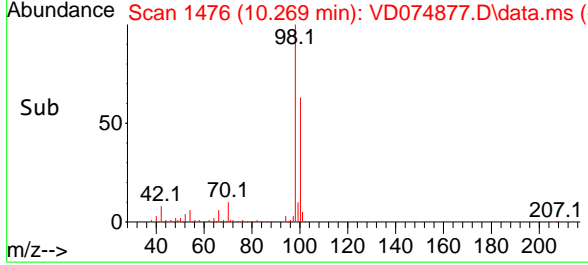
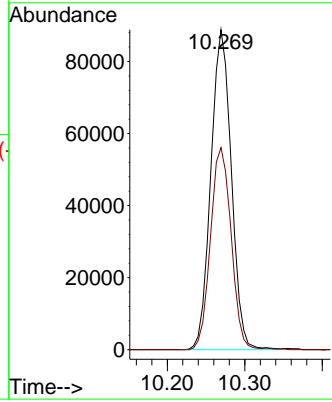
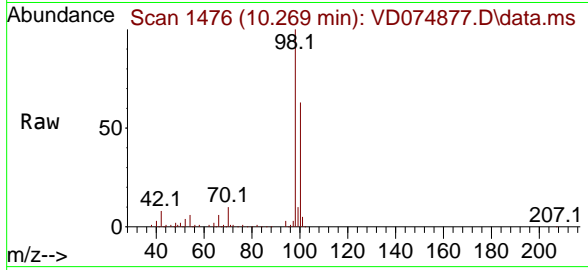




#50  
 Toluene-d8  
 Concen: 38.574 ug/l  
 RT: 10.269 min Scan# 1476  
 Delta R.T. 0.000 min  
 Lab File: VD074877.D  
 Acq: 10 Nov 2022 19:34

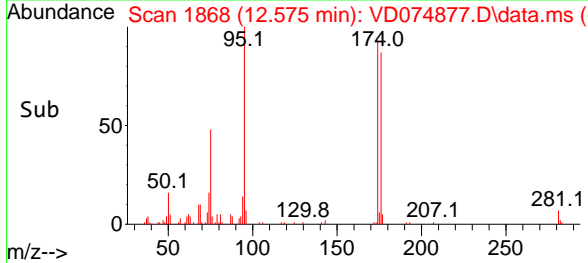
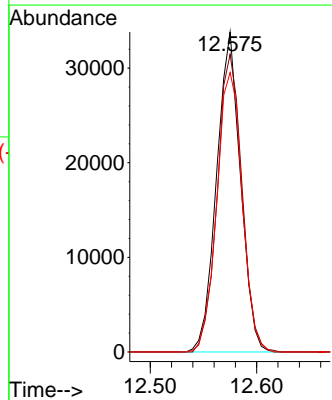
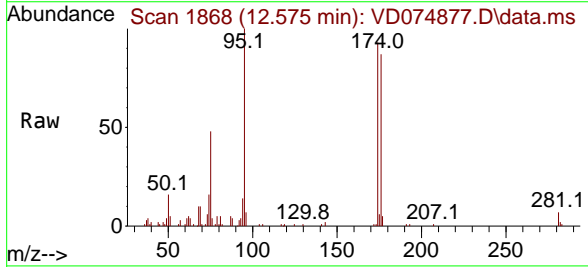
Instrument : MSVOA\_D  
 ClientSampleId : HS-3-110722RE

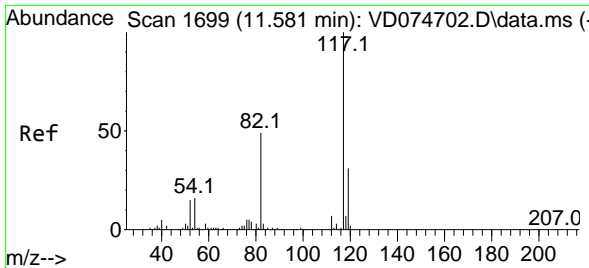
Tgt Ion: 98 Resp: 162737  
 Ion Ratio Lower Upper  
 98 100  
 100 63.9 51.4 77.0



#62  
 4-Bromofluorobenzene  
 Concen: 43.207 ug/l  
 RT: 12.575 min Scan# 1868  
 Delta R.T. -0.000 min  
 Lab File: VD074877.D  
 Acq: 10 Nov 2022 19:34

Tgt Ion: 95 Resp: 52630  
 Ion Ratio Lower Upper  
 95 100  
 174 96.2 0.0 197.0  
 176 93.0 0.0 182.6

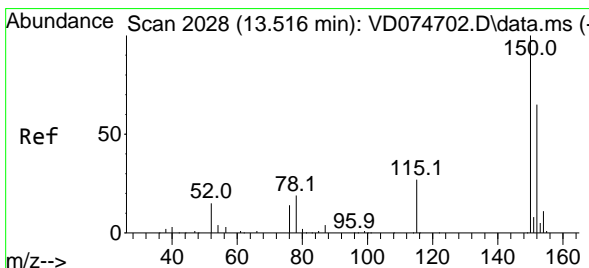
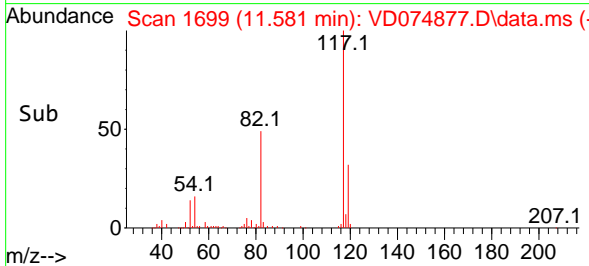
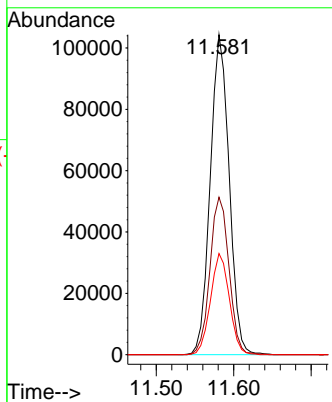
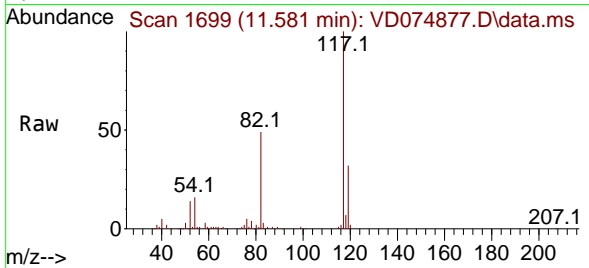




#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.581 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VD074877.D  
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Instrument : MSVOA\_D  
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Tgt Ion	Resp	Lower	Upper
117	17222		
82	49.2	41.6	62.4
119	31.6	25.2	37.8



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.522 min Scan# 2029  
 Delta R.T. 0.006 min  
 Lab File: VD074877.D  
 Acq: 10 Nov 2022 19:34

Tgt Ion	Resp	Lower	Upper
152	74267		
115	54.1	26.8	80.4
150	155.9	0.0	348.2

