

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051922\  
 Data File : VD073181.D  
 Acq On : 20 May 2022 12:58  
 Operator : VA/SY  
 Sample : N2842-22  
 Misc : 5.23G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 P025-SS001-0006-01

Quant Time: May 20 13:10:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 19 15:13:42 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	289543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	525833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	533893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	223611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	174182	54.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.860%
35) Dibromofluoromethane	7.908	113	180877	52.129	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.260%
50) Toluene-d8	10.332	98	636143	49.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.620	95	241245	53.745	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.480%

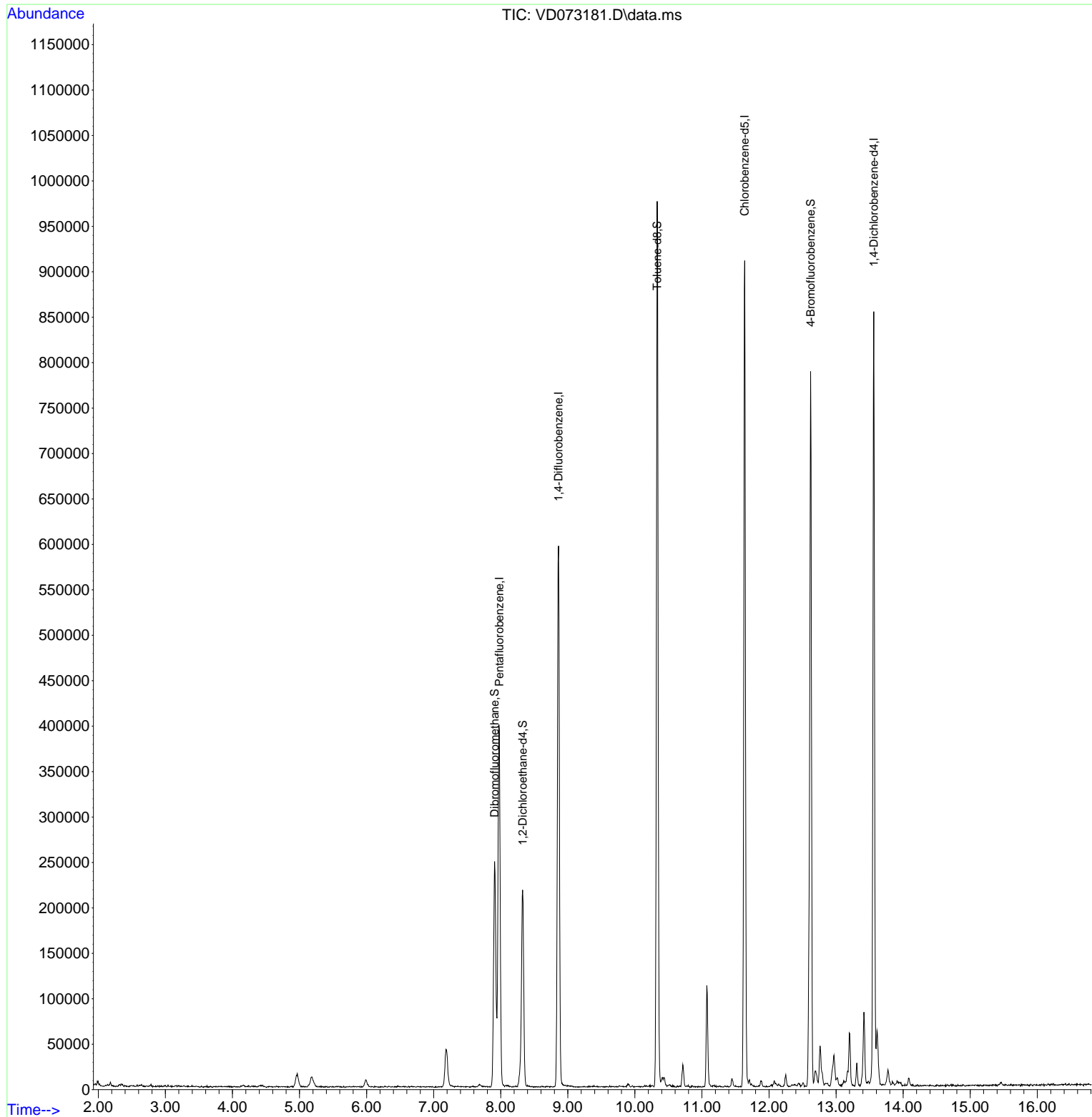
Target Compounds Qvalue

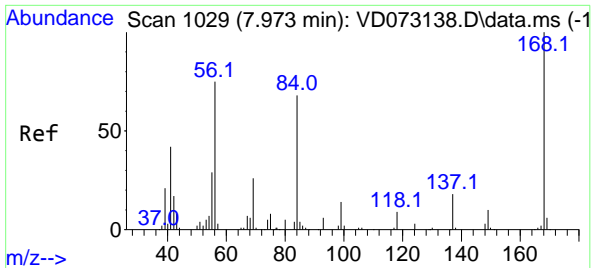
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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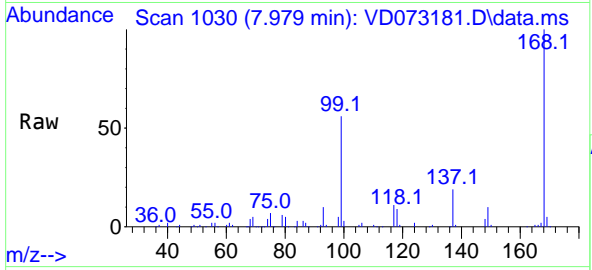
Quant Time: May 20 13:10:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
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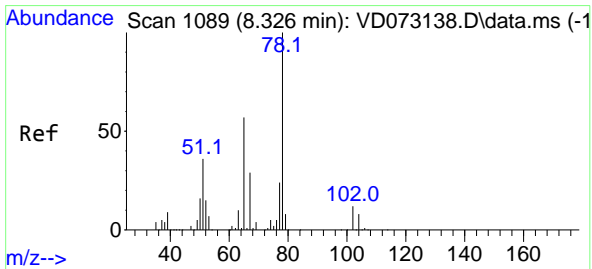
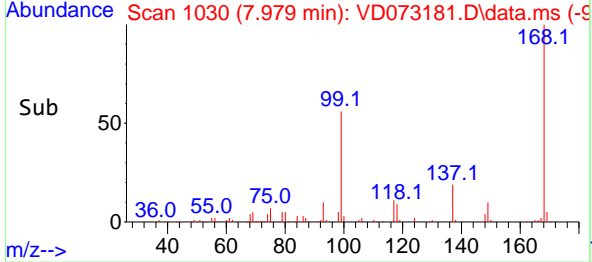
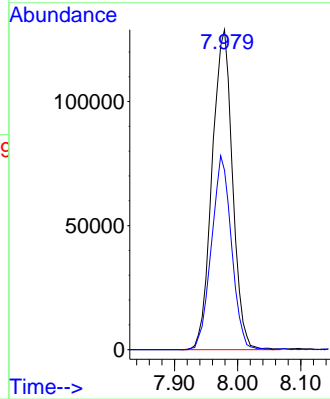


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.979 min Scan# 1029  
 Delta R.T. 0.006 min  
 Lab File: VD073181.D  
 Acq: 20 May 2022 12:58

Instrument : MSVOA\_D  
 ClientSampleId : P025-SS001-0006-01

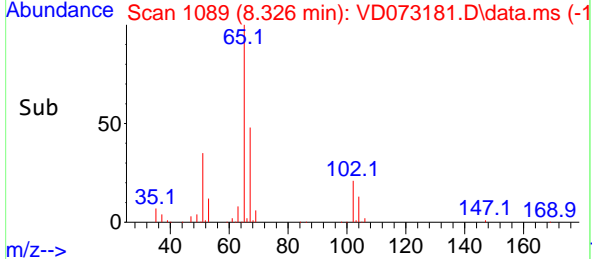
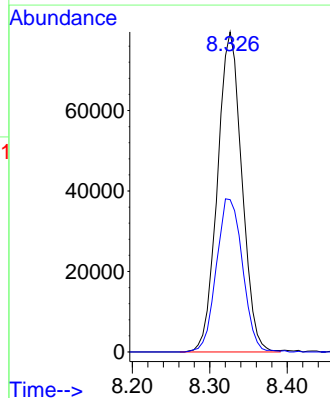
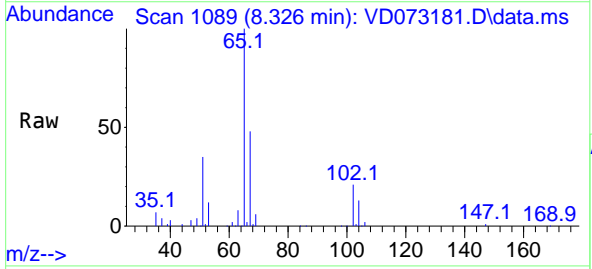


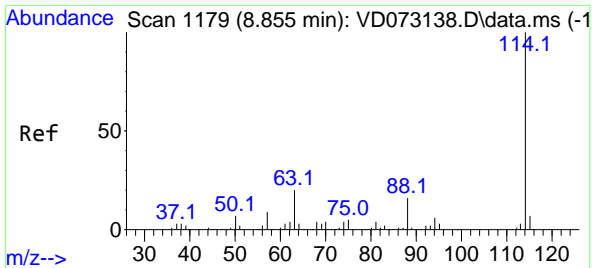
Tgt Ion:168 Resp: 289543  
 Ion Ratio Lower Upper  
 168 100  
 99 56.1 49.8 74.6



#33  
 1,2-Dichloroethane-d4  
 Concen: 54.434 ug/l  
 RT: 8.326 min Scan# 1089  
 Delta R.T. 0.000 min  
 Lab File: VD073181.D  
 Acq: 20 May 2022 12:58

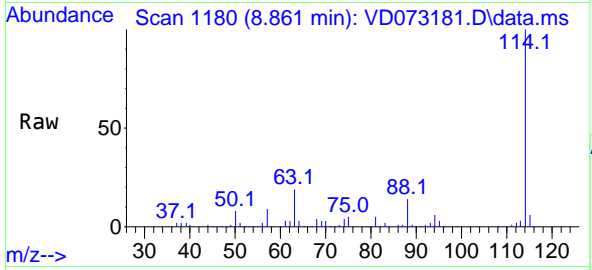
Tgt Ion: 65 Resp: 174182  
 Ion Ratio Lower Upper  
 65 100  
 67 51.5 0.0 101.4





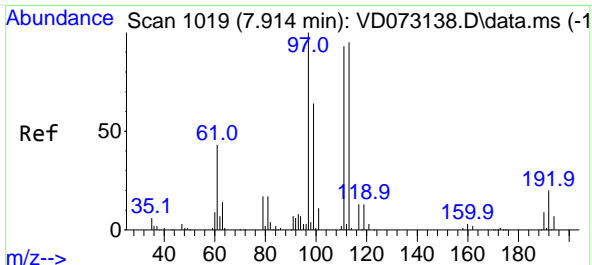
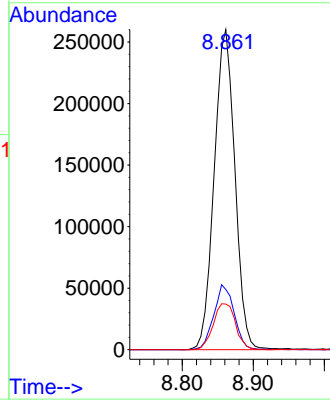
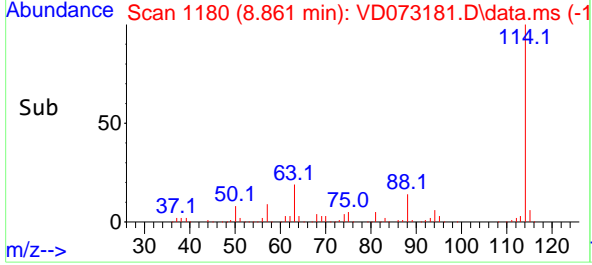
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.861 min Scan# 1179  
 Delta R.T. 0.006 min  
 Lab File: VD073181.D  
 Acq: 20 May 2022 12:58

Instrument : MSVOA\_D  
 ClientSampleId : P025-SS001-0006-01

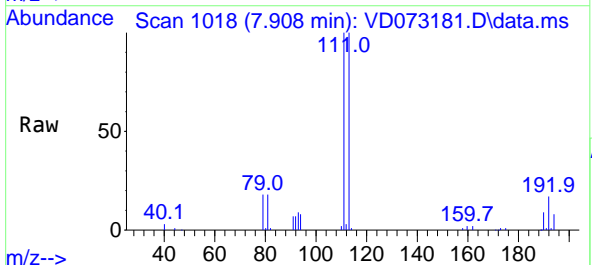


Tgt Ion:114 Resp: 525833

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	46.6
88	14.3	0.0	33.2

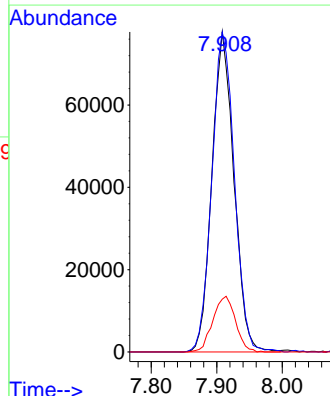
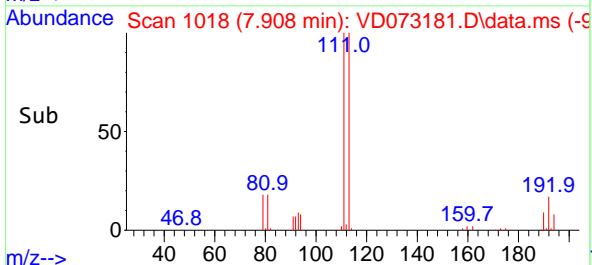


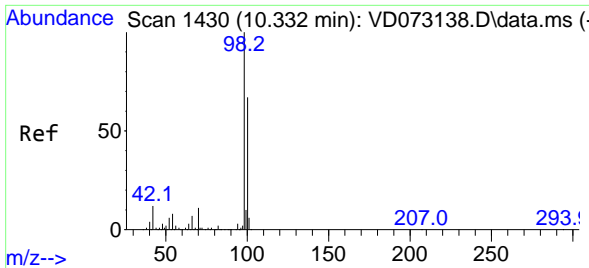
#35  
 Dibromofluoromethane  
 Concen: 52.129 ug/l  
 RT: 7.908 min Scan# 1018  
 Delta R.T. -0.006 min  
 Lab File: VD073181.D  
 Acq: 20 May 2022 12:58



Tgt Ion:113 Resp: 180877

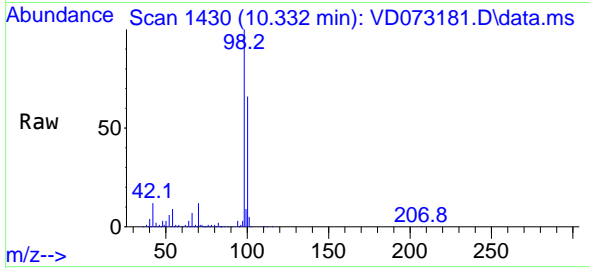
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.8	125.6
192	17.9	14.6	21.8



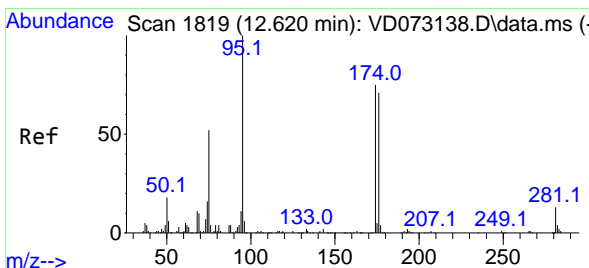
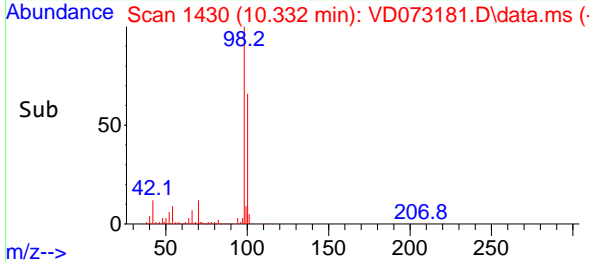
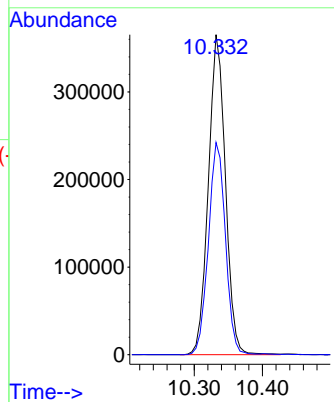


#50  
 Toluene-d8  
 Concen: 49.735 ug/l  
 RT: 10.332 min Scan# 1430  
 Delta R.T. -0.000 min  
 Lab File: VD073181.D  
 Acq: 20 May 2022 12:58

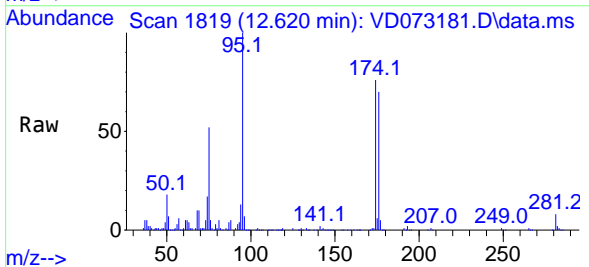
Instrument : MSVOA\_D  
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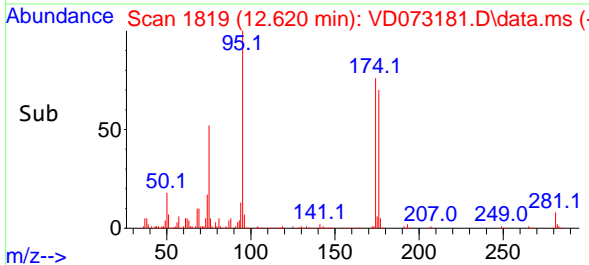
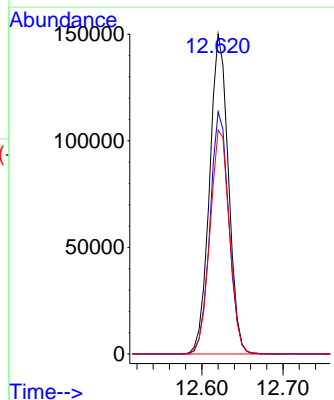
Tgt Ion: 98 Resp: 636143  
 Ion Ratio Lower Upper  
 98 100  
 100 66.1 52.4 78.6

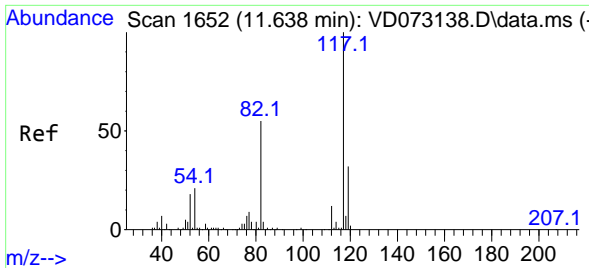


#62  
 4-Bromofluorobenzene  
 Concen: 53.745 ug/l  
 RT: 12.620 min Scan# 1819  
 Delta R.T. -0.000 min  
 Lab File: VD073181.D  
 Acq: 20 May 2022 12:58



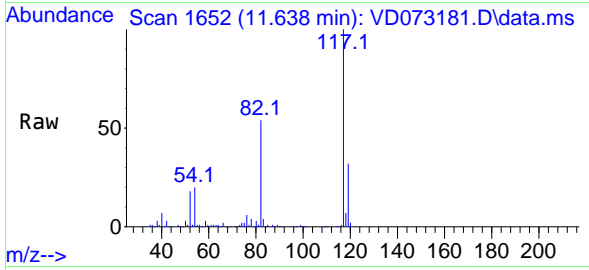
Tgt Ion: 95 Resp: 241245  
 Ion Ratio Lower Upper  
 95 100  
 174 75.9 0.0 152.8  
 176 72.3 0.0 145.4





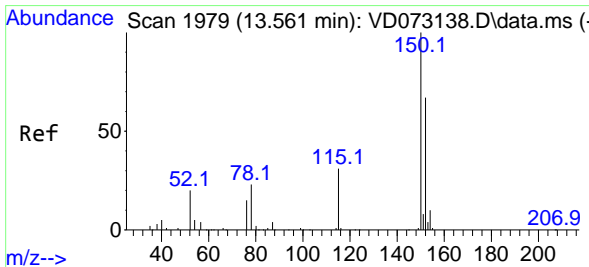
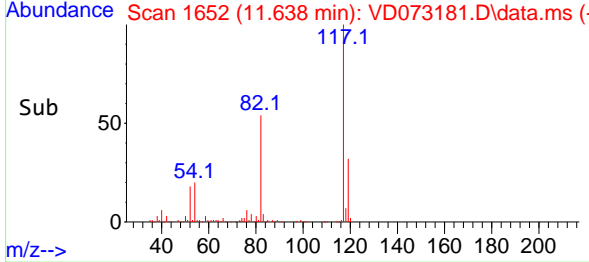
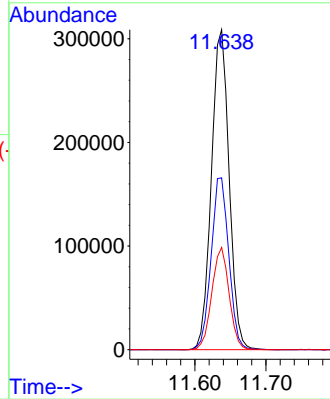
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.638 min Scan# 117  
 Delta R.T. -0.000 min  
 Lab File: VD073181.D  
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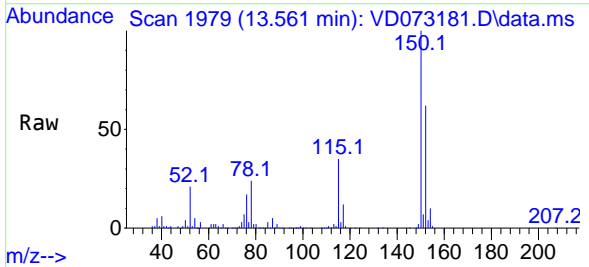


Tgt Ion:117 Resp: 533893

Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.3	67.9
119	32.0	26.6	40.0



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.561 min Scan# 1979  
 Delta R.T. 0.000 min  
 Lab File: VD073181.D  
 Acq: 20 May 2022 12:58



Tgt Ion:152 Resp: 223611

Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.3	93.8
150	160.0	0.0	348.6

