

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070863.D
 Acq On : 27 Oct 2021 14:51
 Operator : VA/SY
 Sample : M4348-03RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 358RE

Quant Time: Oct 28 03:56:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	35854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	57806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	61498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	27189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	30269	83.940	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.880%#	
35) Dibromofluoromethane	7.908	113	22747	59.681	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.360%	
50) Toluene-d8	10.332	98	72595	50.627	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	12.620	95	24663	52.129	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.260%	

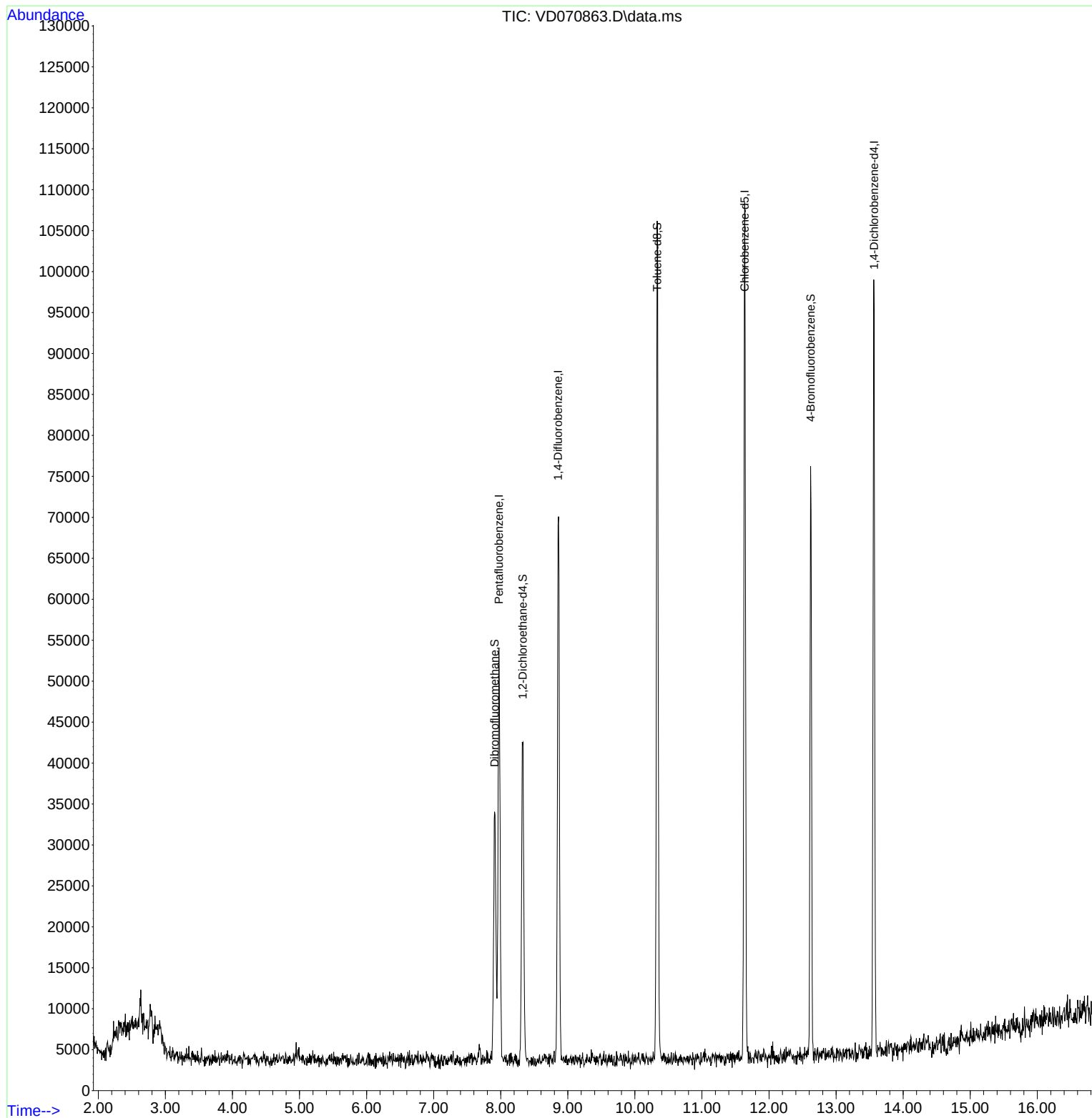
Target Compounds	Qvalue

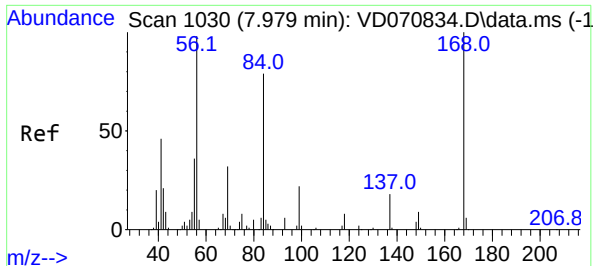
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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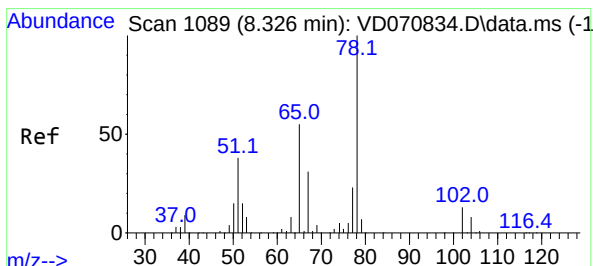
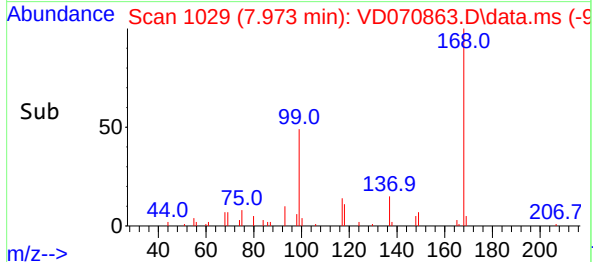
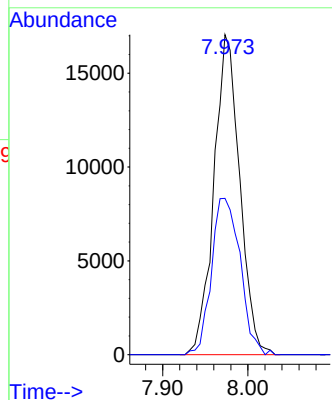
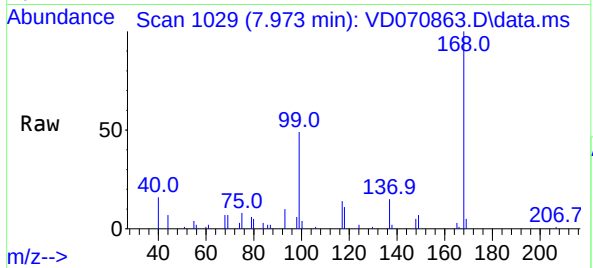




Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

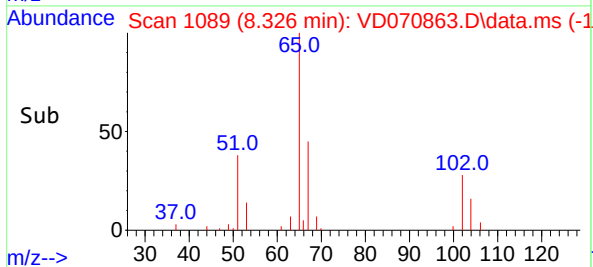
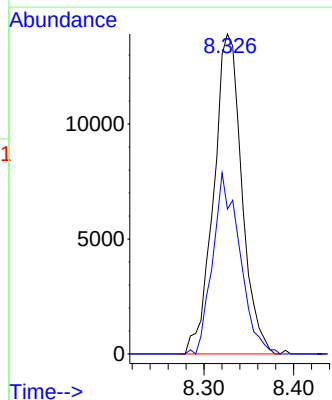
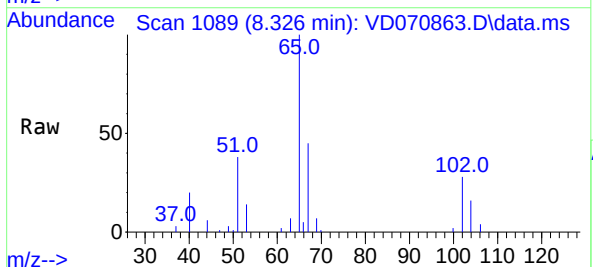
Instrument :
MSVOA_D
ClientSampled :
358RE

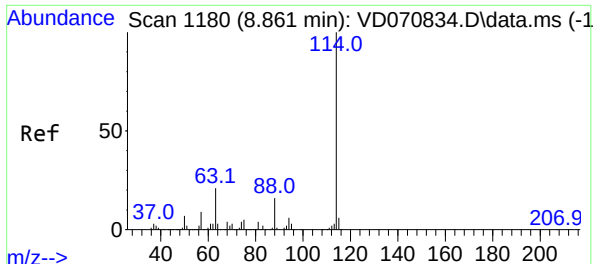
Tgt Ion:168 Resp: 35854
Ion Ratio Lower Upper
168 100
99 48.9 46.6 69.8



1,2-Dichloroethane-d4
Concen: 83.940 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

Tgt Ion: 65 Resp: 30269
Ion Ratio Lower Upper
65 100
67 54.4 0.0 112.2



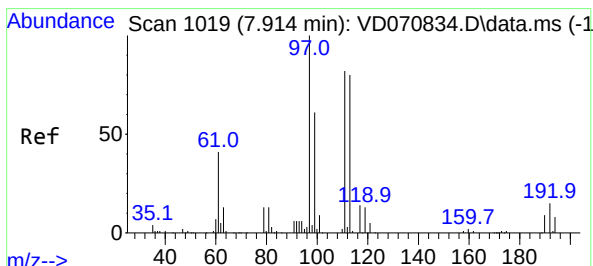
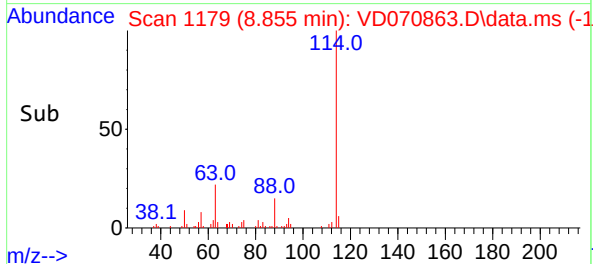
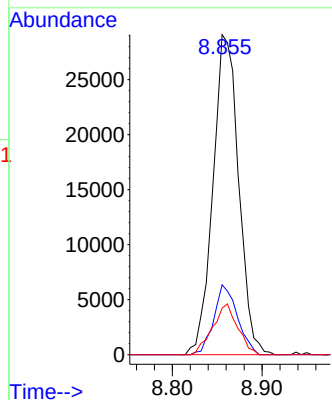
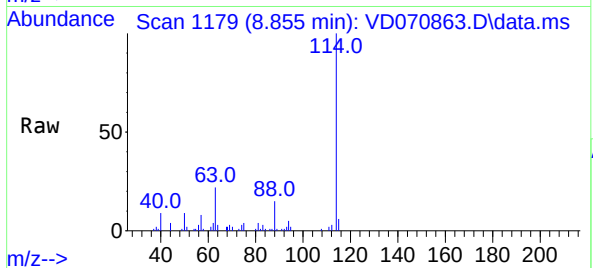


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

Instrument :
MSVOA_D
ClientSampleId :
358RE

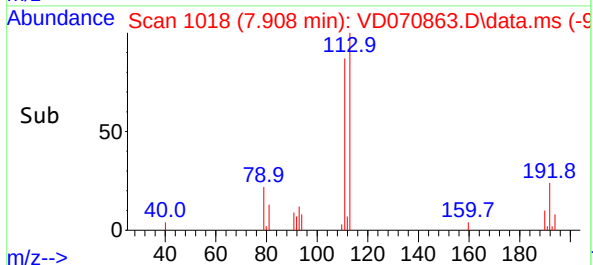
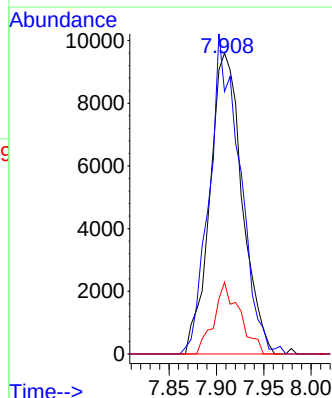
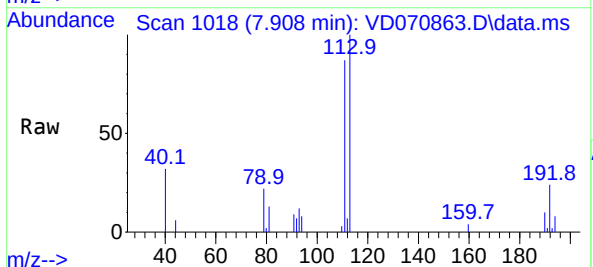
Tgt Ion:	114	Resp:	57806
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.8
88	14.5	0.0	32.8

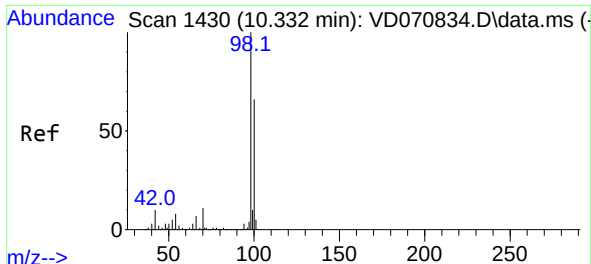


#35

Dibromofluoromethane
Concen: 59.681 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

Tgt Ion:	113	Resp:	22747
Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.0	123.0
192	19.0	15.2	22.8

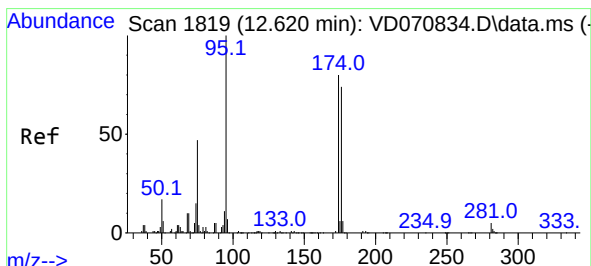
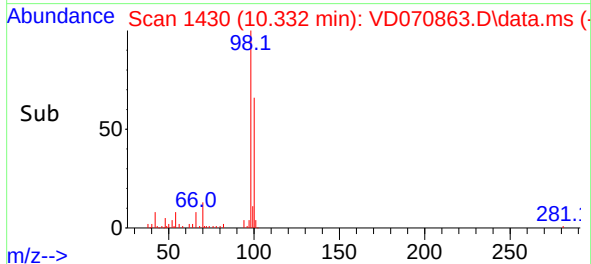
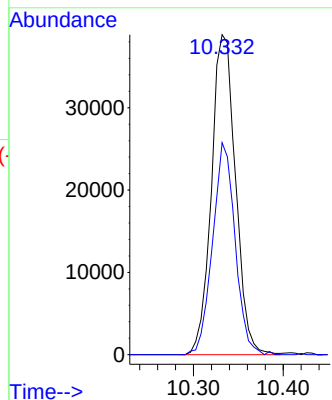
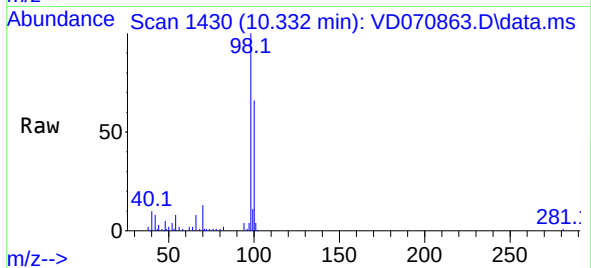




#50
Toluene-d8
Concen: 50.627 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

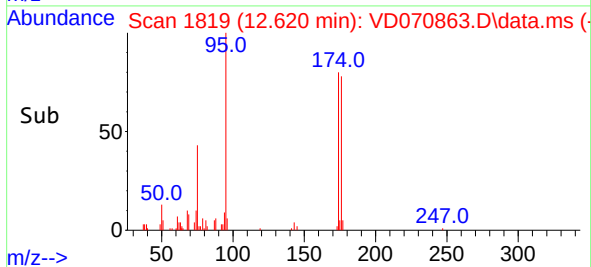
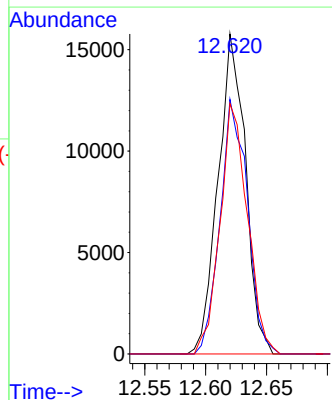
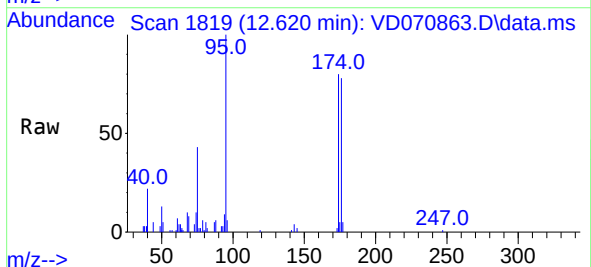
Instrument :
MSVOA_D
ClientSampleId :
358RE

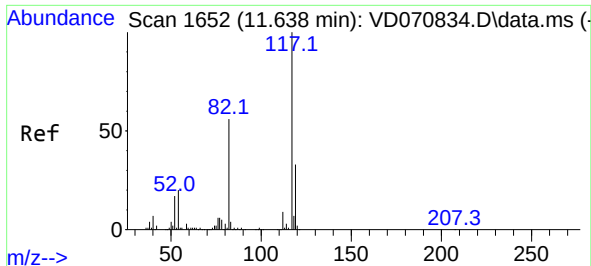
Tgt Ion: 98 Resp: 72595
Ion Ratio Lower Upper
98 100
100 61.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.129 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

Tgt Ion: 95 Resp: 24663
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.4
176 78.5 0.0 154.0

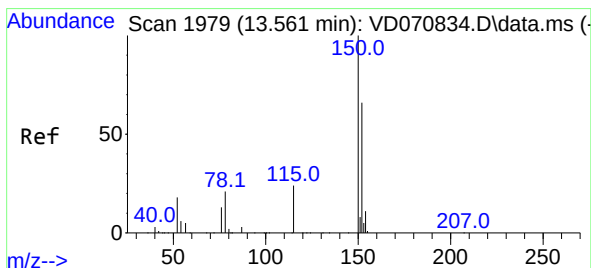
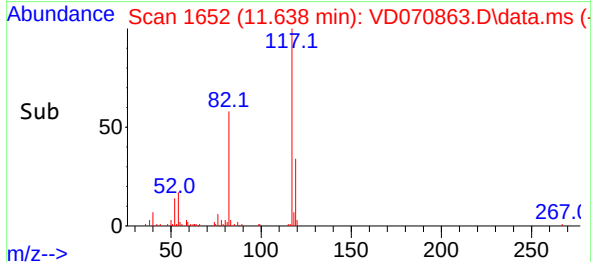
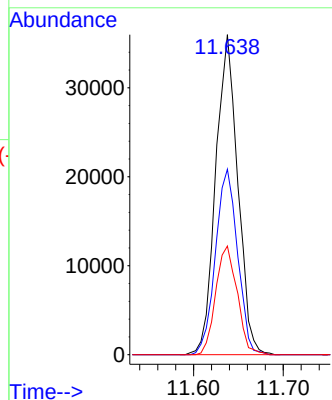
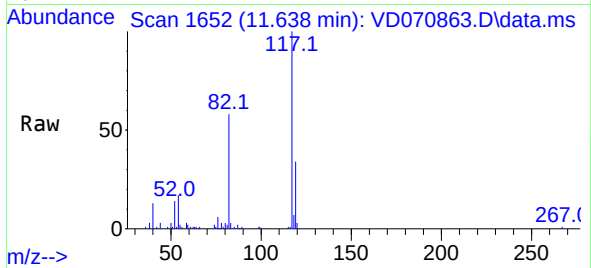




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

Instrument :
MSVOA_D
ClientSampleId :
358RE

Tgt Ion:	117	Resp:	61498
Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.7	67.1
119	33.9	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

Tgt Ion:	152	Resp:	27189
Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.8	89.3
150	153.4	0.0	349.2

