

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070864.D
 Acq On : 27 Oct 2021 15:19
 Operator : VA/SY
 Sample : M4348-07RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 287RE

Quant Time: Oct 28 03:56:34 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	105736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	188146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	205973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	91981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	91981	86.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.980%#	
35) Dibromofluoromethane	7.914	113	87465	70.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.020%	
50) Toluene-d8	10.332	98	244223	52.328	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.660%	
62) 4-Bromofluorobenzene	12.620	95	79893	51.882	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.760%	

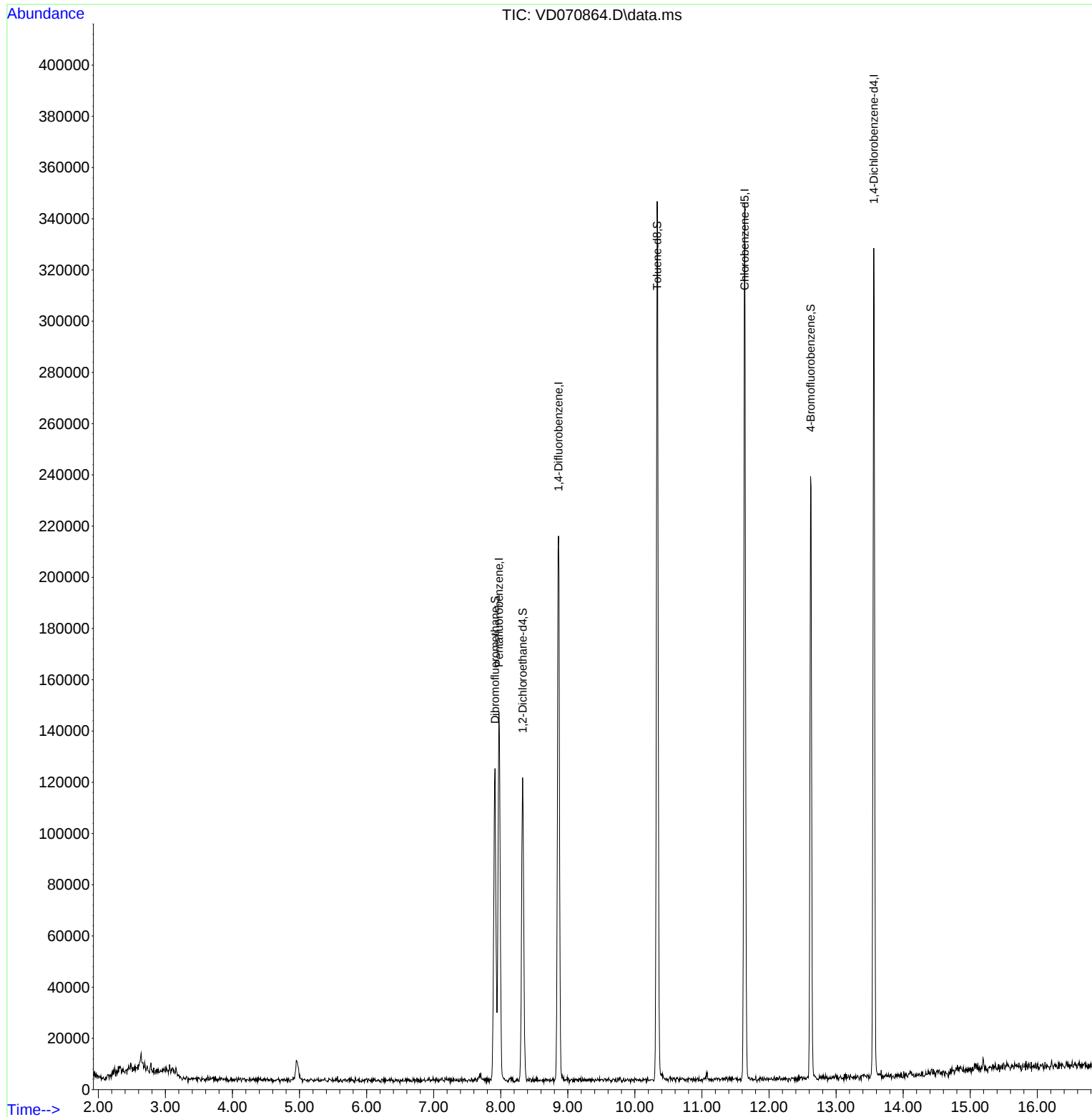
Target Compounds	Qvalue

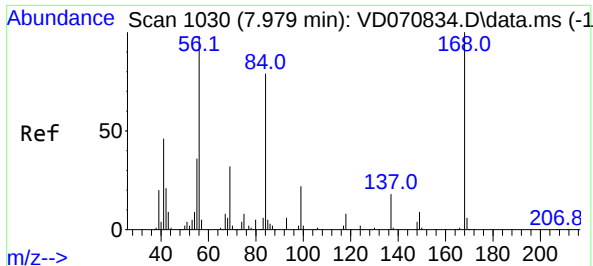
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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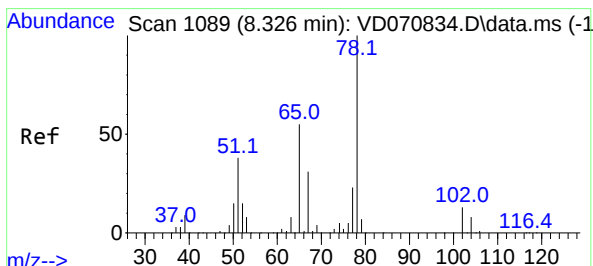
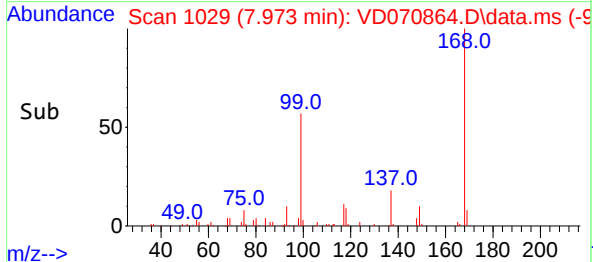
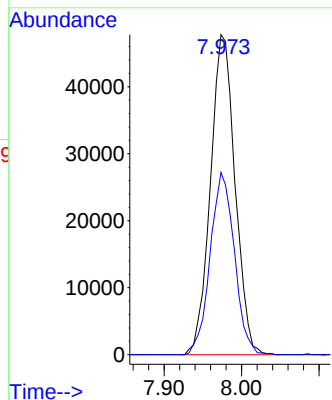
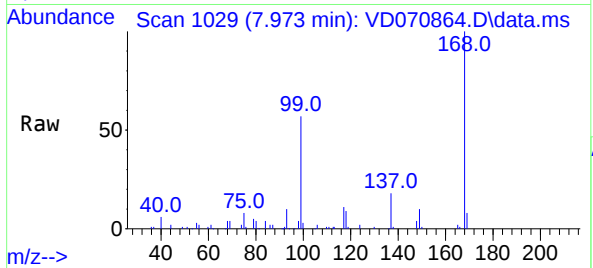




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

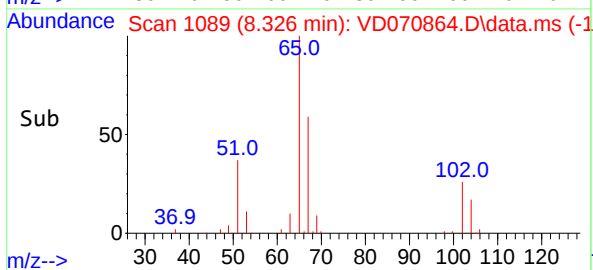
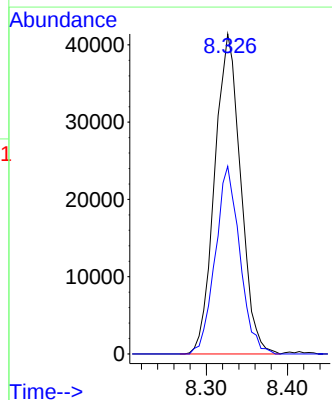
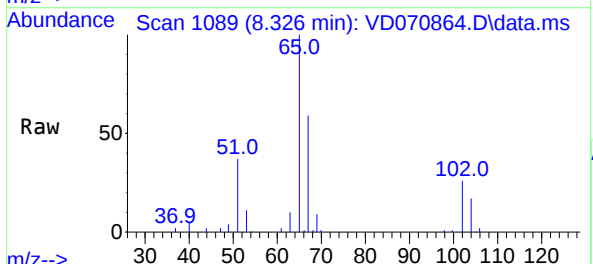
Instrument :
MSVOA_D
ClientSampleId :
287RE

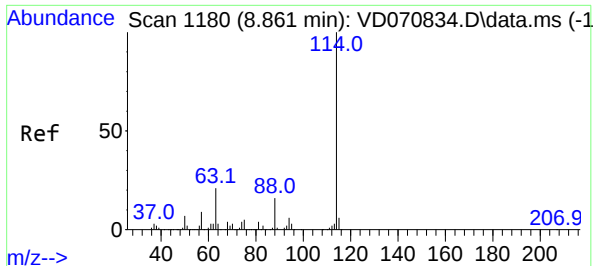
Tgt Ion:168 Resp: 105736
Ion Ratio Lower Upper
168 100
99 56.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 86.494 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

Tgt Ion: 65 Resp: 91981
Ion Ratio Lower Upper
65 100
67 55.5 0.0 112.2



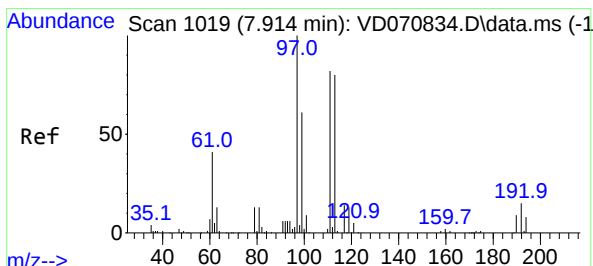
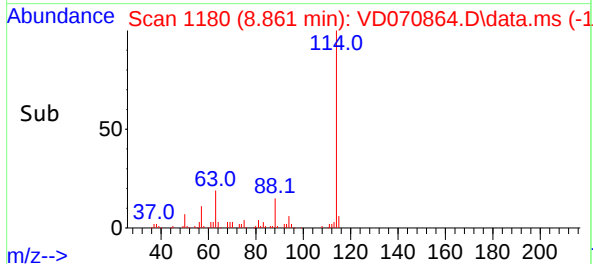
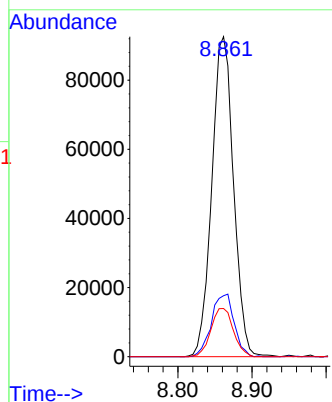
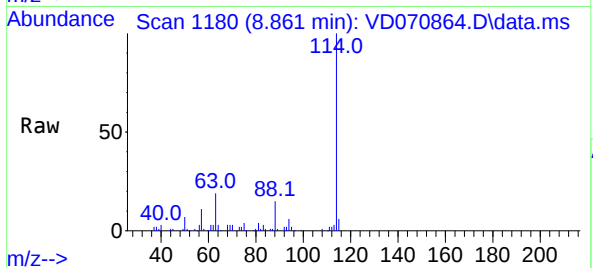


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

Instrument :
MSVOA_D
ClientSampled :
287RE

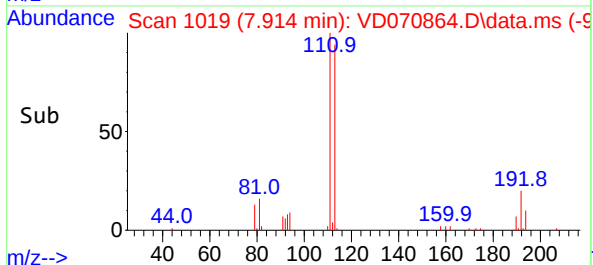
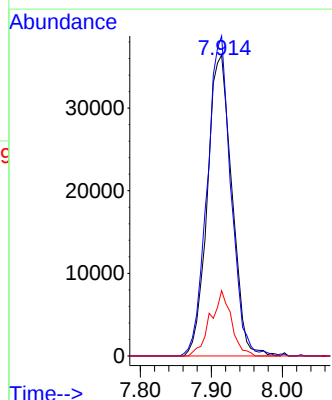
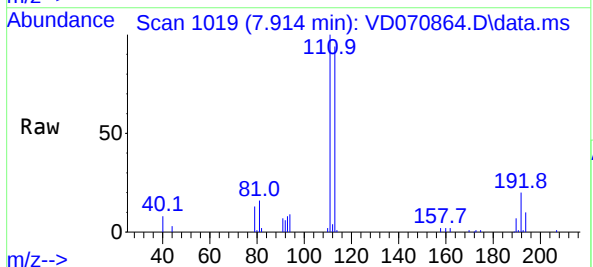
Tgt Ion:114 Resp: 188146
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.8
88 15.1 0.0 32.8

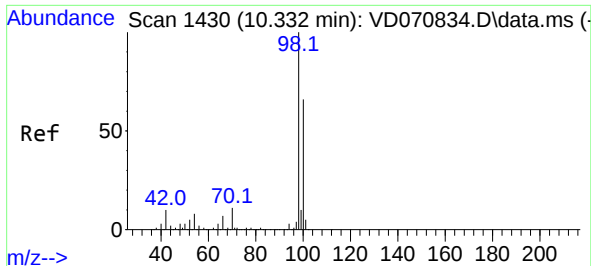


#35

Dibromofluoromethane
Concen: 70.506 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

Tgt Ion:113 Resp: 87465
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 18.6 15.2 22.8

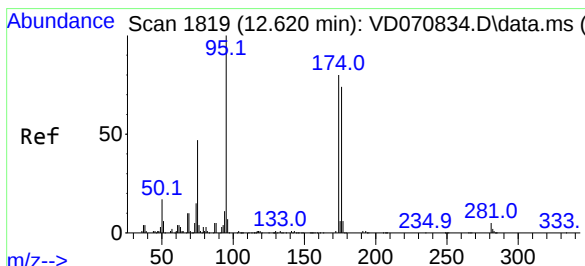
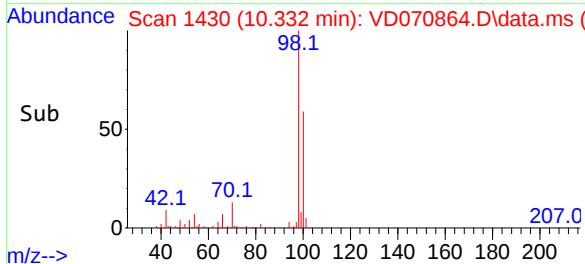
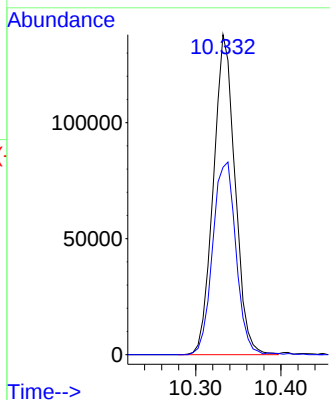
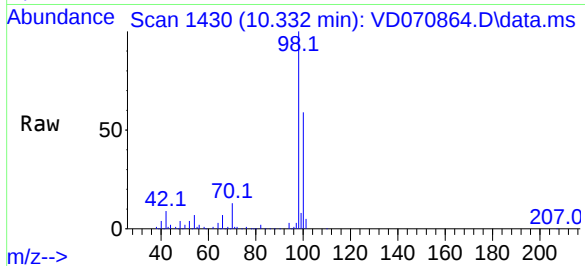




#50
Toluene-d8
Concen: 52.328 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

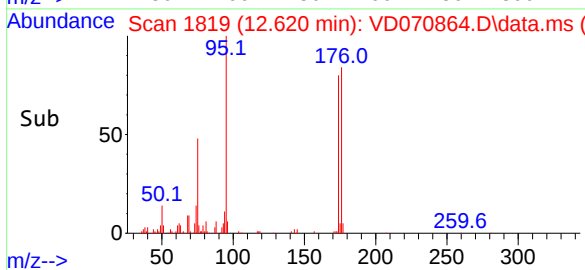
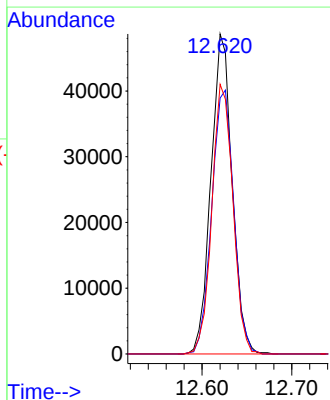
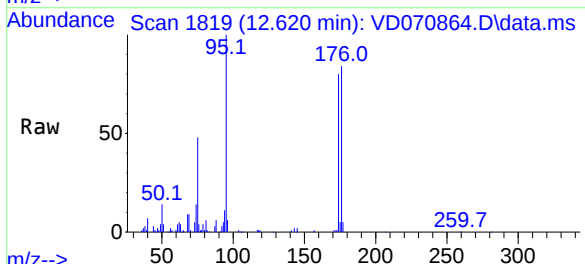
Instrument :
MSVOA_D
ClientSampleId :
287RE

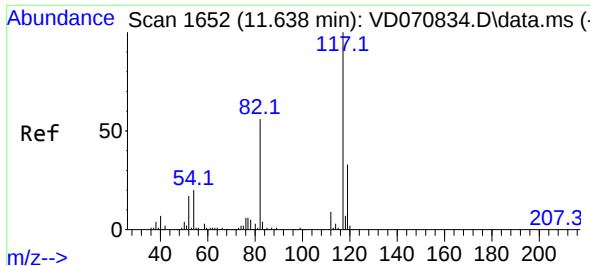
Tgt Ion: 98 Resp: 244223
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.882 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

Tgt Ion: 95 Resp: 79893
Ion Ratio Lower Upper
95 100
174 85.7 0.0 159.4
176 83.7 0.0 154.0



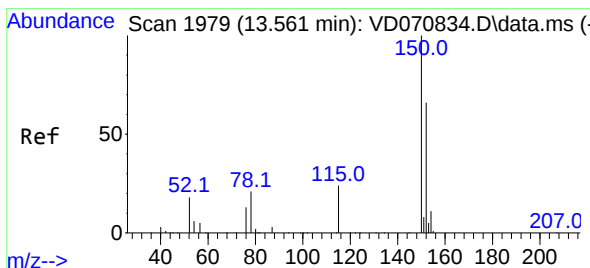
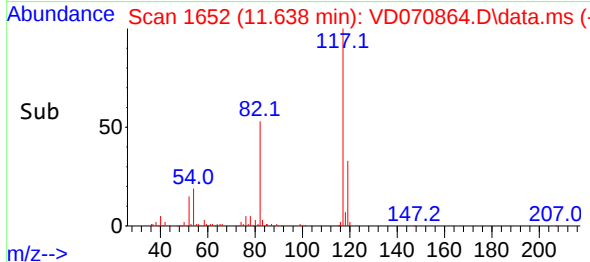
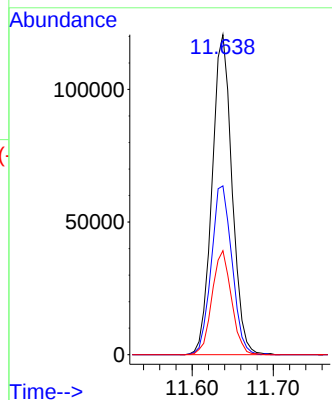
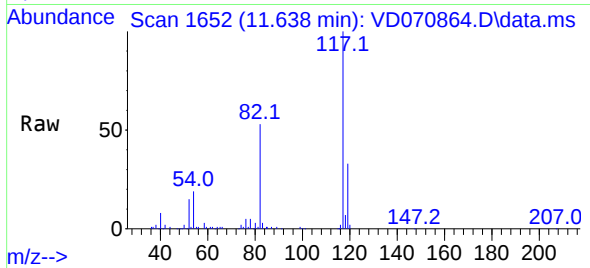


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

Instrument :
MSVOA_D
ClientSampled :
287RE

Tgt Ion:117 Resp: 205973

Ion	Ratio	Lower	Upper
117	100		
82	52.7	44.7	67.1
119	32.5	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

Tgt Ion:152 Resp: 91981

Ion	Ratio	Lower	Upper
152	100		
115	55.2	29.8	89.3
150	156.0	0.0	349.2

