

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068770.D
 Acq On : 01 Apr 2021 20:44
 Operator : VA/SY
 Sample : M1886-07
 Misc : 5.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-124037

Quant Time: Apr 02 01:07:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	55473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	98176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	108444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	55413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	35194	62.92	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.84%
35) Dibromofluoromethane	7.914	113	32661	53.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.94%
50) Toluene-d8	10.338	98	122479	52.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.02%
62) 4-Bromofluorobenzene	12.632	95	46131	60.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.84%

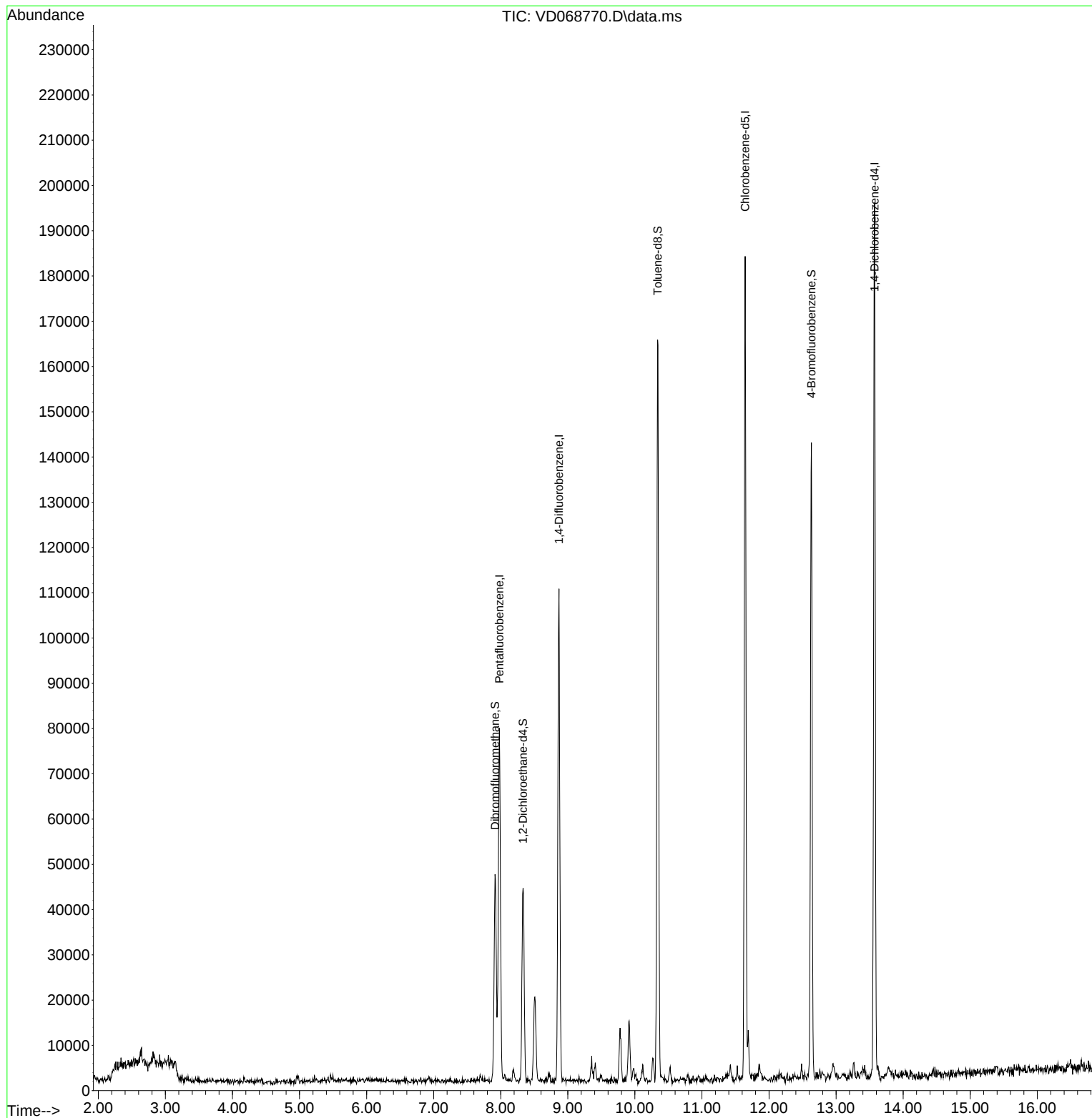
Target Compounds	Qvalue

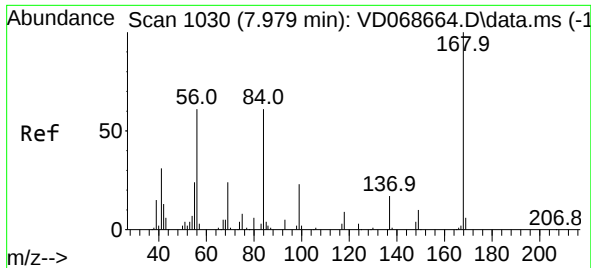
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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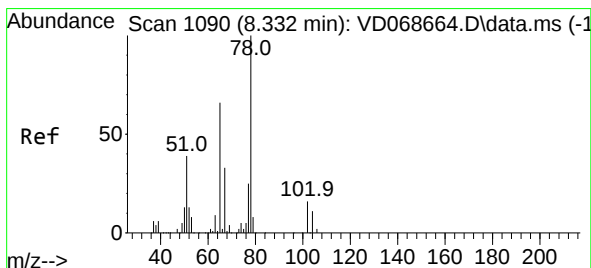
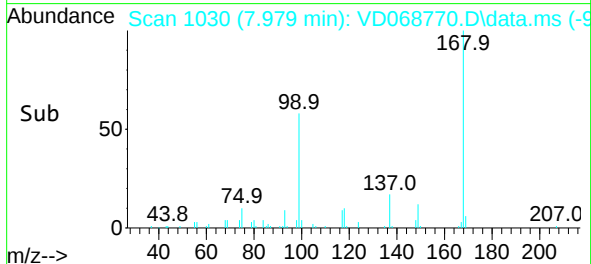
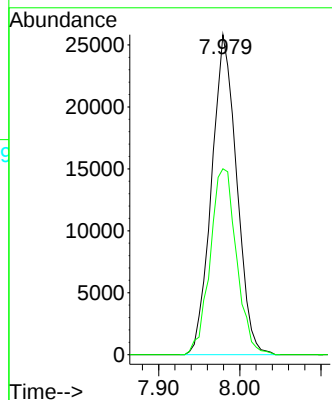
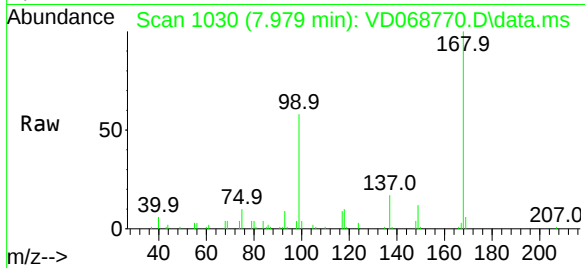




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068770.D
Acq: 01 Apr 2021 20:44

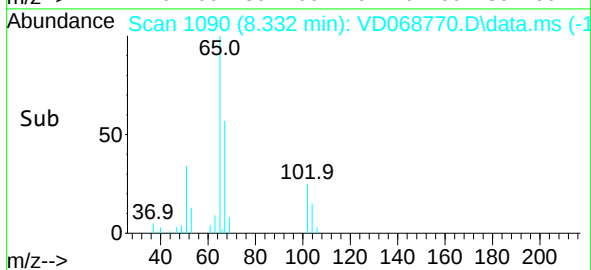
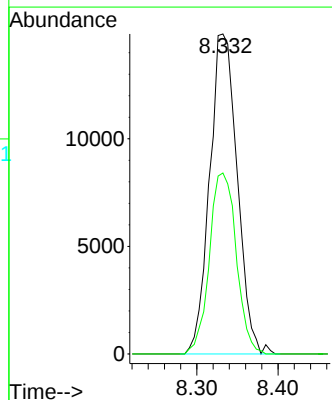
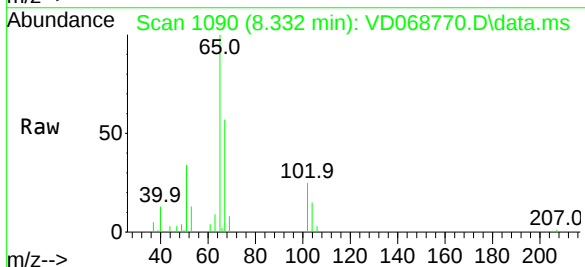
Instrument :
MSVOA_D
ClientSampleId :
RO-124037

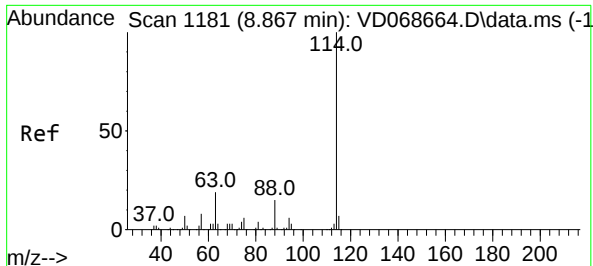
Tgt Ion:168 Resp: 55473
Ion Ratio Lower Upper
168 100
99 58.1 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 62.92 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068770.D
Acq: 01 Apr 2021 20:44

Tgt Ion: 65 Resp: 35194
Ion Ratio Lower Upper
65 100
67 54.9 0.0 106.0



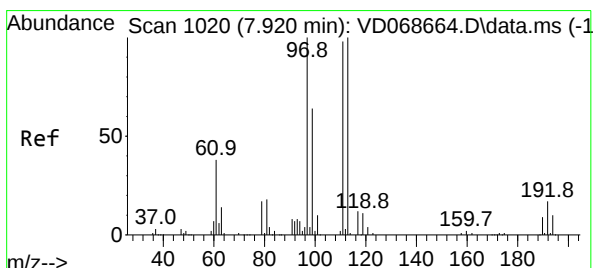
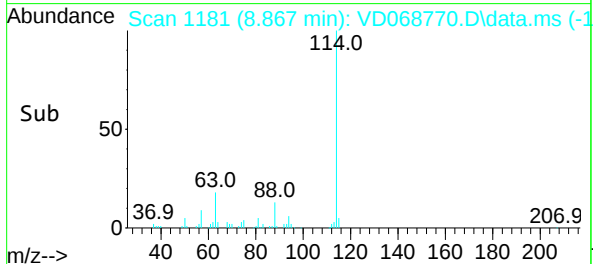
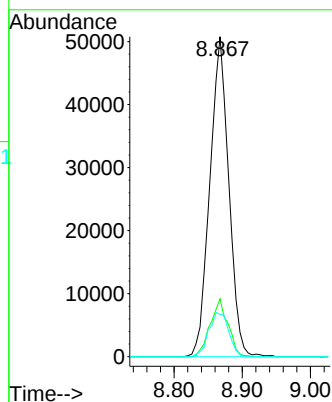
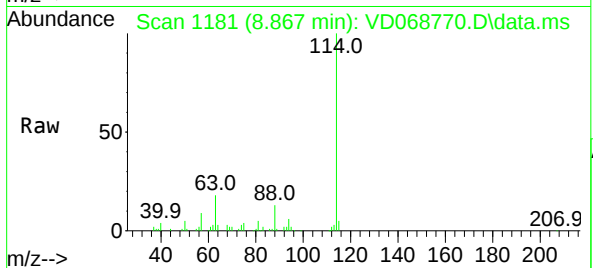


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068770.D
Acq: 01 Apr 2021 20:44

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RO-124037

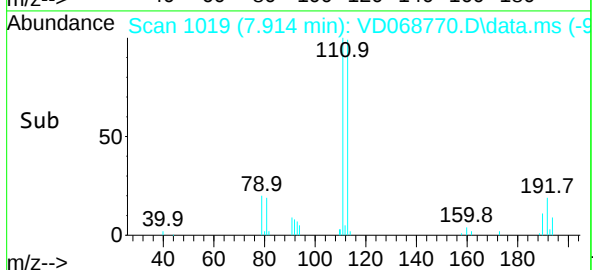
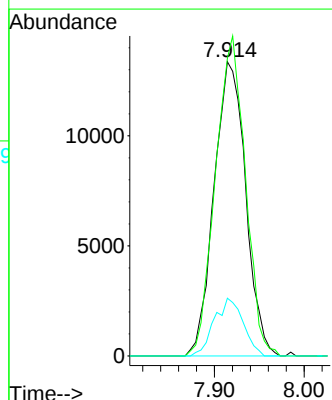
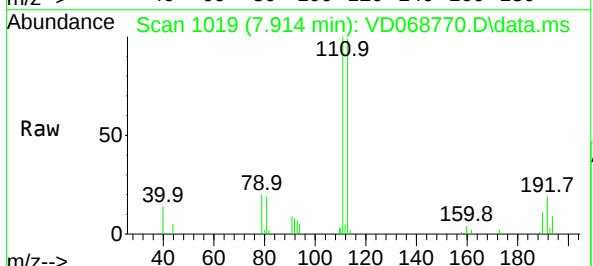
Tgt Ion:	114	Resp:	98176
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	38.2
88	13.2	0.0	29.4

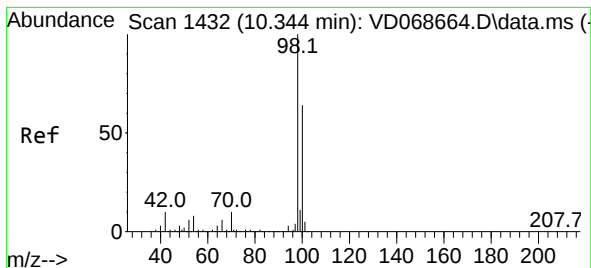


#35

Dibromofluoromethane
Concen: 53.47 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068770.D
Acq: 01 Apr 2021 20:44

Tgt Ion:	113	Resp:	32661
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.5	123.7
192	18.0	15.1	22.7

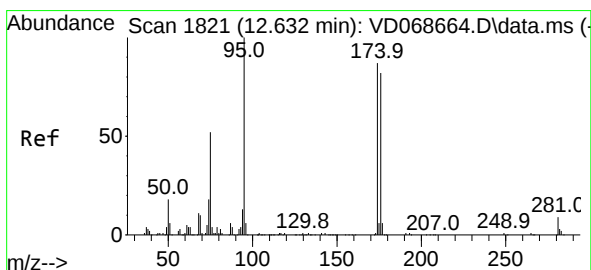
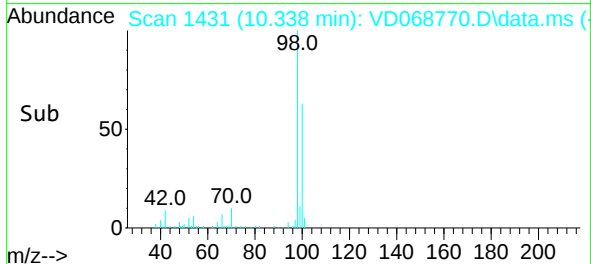
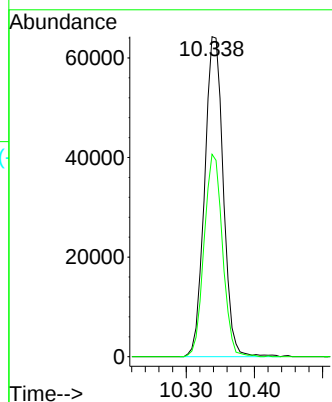
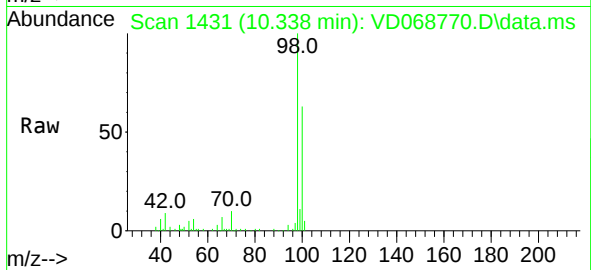




#50
Toluene-d8
Concen: 52.01 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068770.D
Acq: 01 Apr 2021 20:44

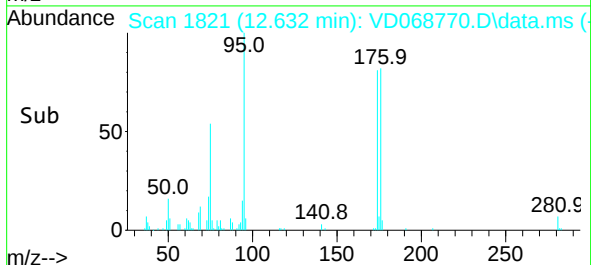
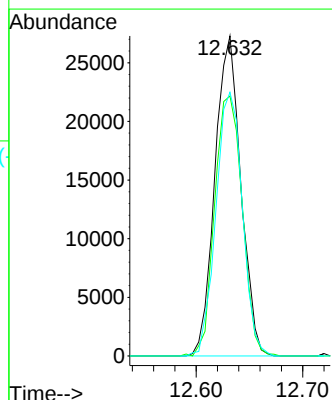
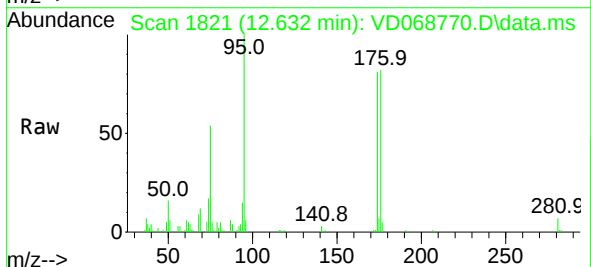
Instrument :
MSVOA_D
ClientSampleId :
RO-124037

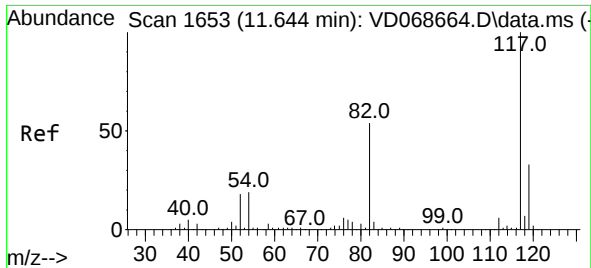
Tgt Ion: 98 Resp: 122479
Ion Ratio Lower Upper
98 100
100 62.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.42 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068770.D
Acq: 01 Apr 2021 20:44

Tgt Ion: 95 Resp: 46131
Ion Ratio Lower Upper
95 100
174 86.2 0.0 168.0
176 84.0 0.0 160.2

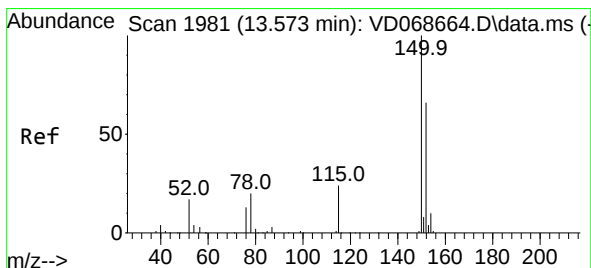
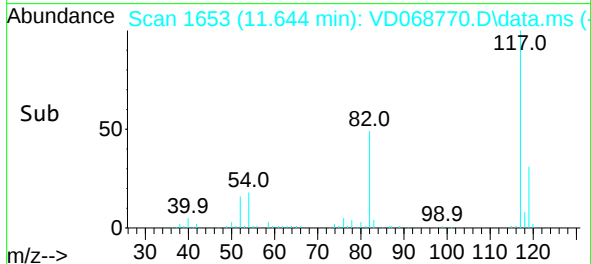
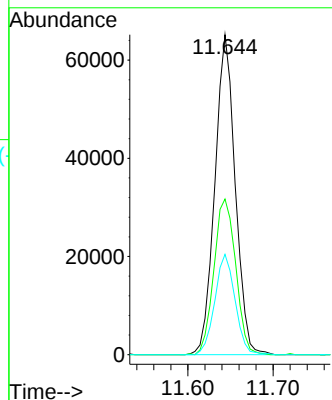
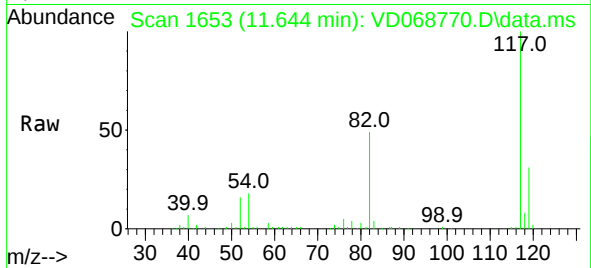




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068770.D
Acq: 01 Apr 2021 20:44

Instrument :
MSVOA_D
ClientSampleId :
RO-124037

Tgt Ion:117 Resp: 108444
Ion Ratio Lower Upper
117 100
82 48.7 43.5 65.3
119 31.3 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068770.D
Acq: 01 Apr 2021 20:44

Tgt Ion:152 Resp: 55413
Ion Ratio Lower Upper
152 100
115 57.5 29.3 87.8
150 157.3 0.0 347.6

