

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069158.D
 Acq On : 13 May 2021 15:40
 Operator : VA/SY
 Sample : M2372-01
 Misc : 6.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-24702

Quant Time: May 14 01:22:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	204622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	396708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	381349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	162242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139912	68.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.42%
35) Dibromofluoromethane	7.914	113	145636	56.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.82%
50) Toluene-d8	10.344	98	505496	53.29	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.58%
62) 4-Bromofluorobenzene	12.632	95	156155	51.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.32%

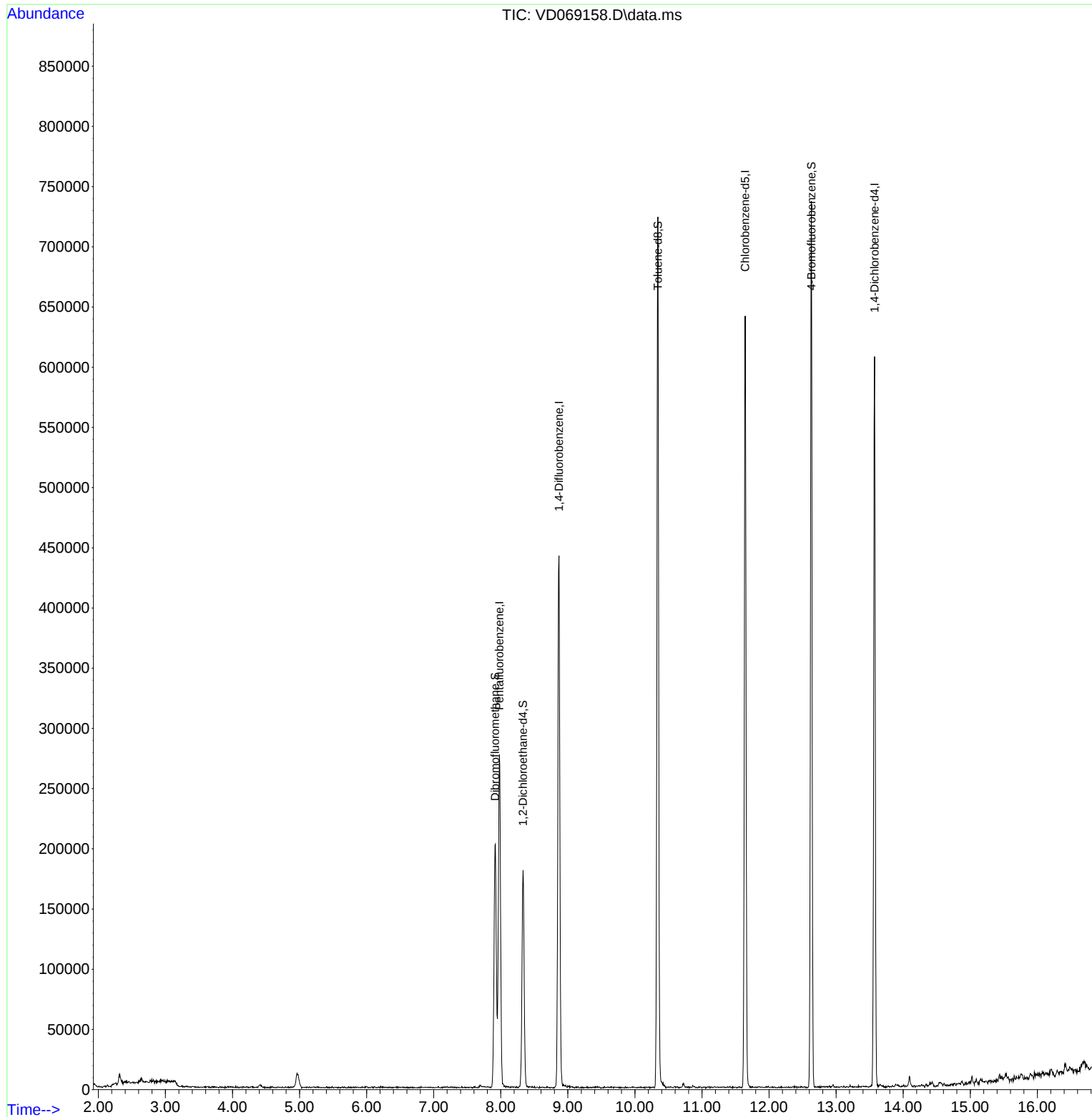
Target Compounds	Qvalue

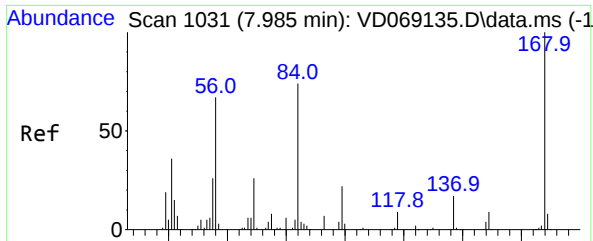
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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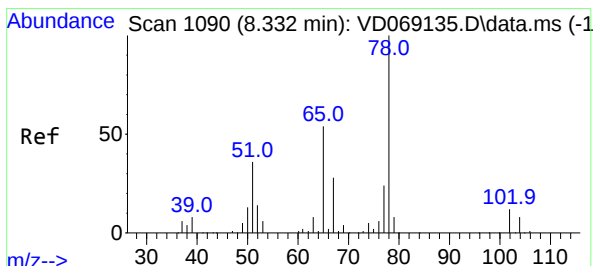
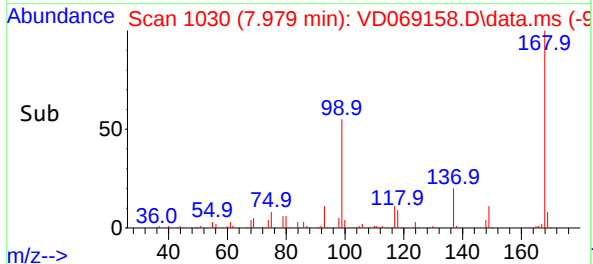
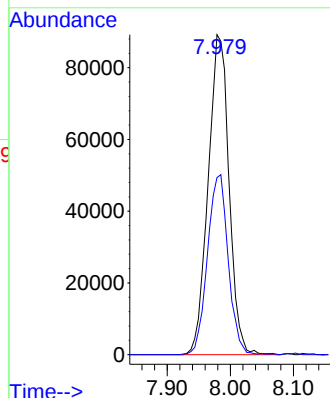
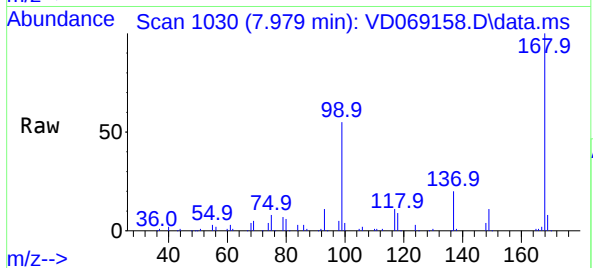




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

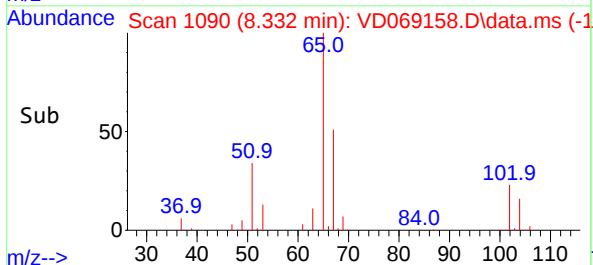
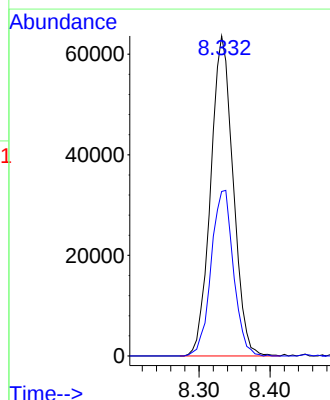
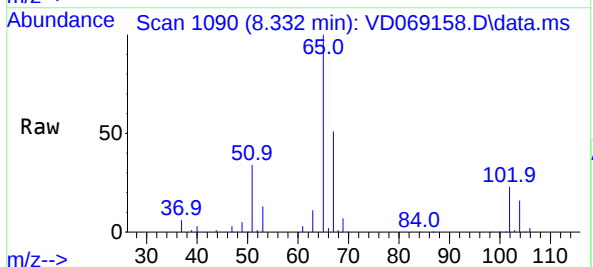
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24702

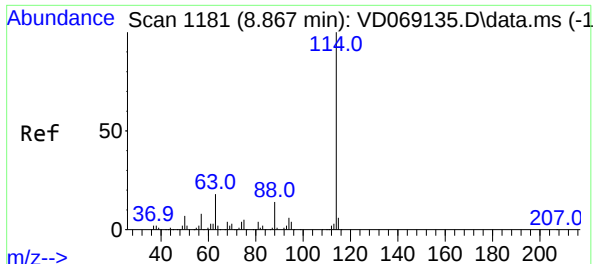
Tgt Ion:168 Resp: 204622
Ion Ratio Lower Upper
168 100
99 55.4 47.2 70.8



1,2-Dichloroethane-d4
Concen: 68.21 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

Tgt Ion: 65 Resp: 139912
Ion Ratio Lower Upper
65 100
67 51.2 0.0 108.0



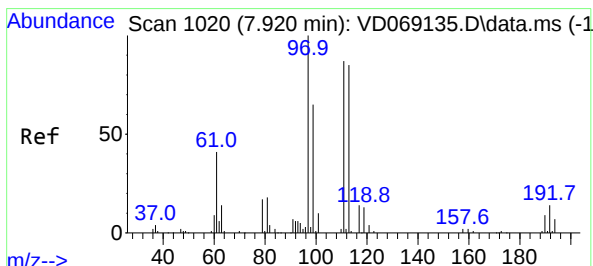
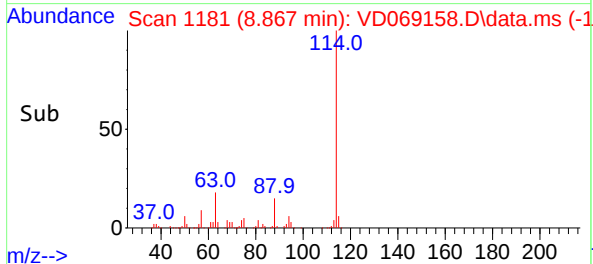
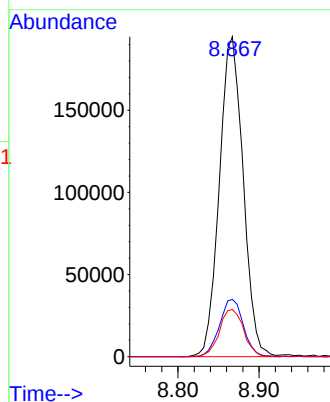
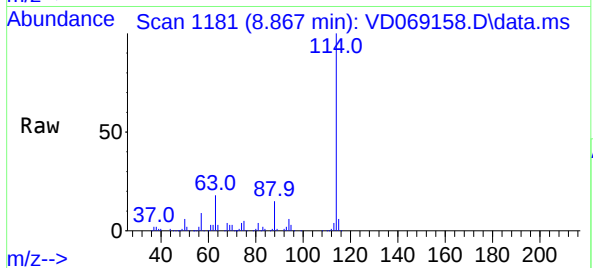


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

Instrument :
MSVOA_D
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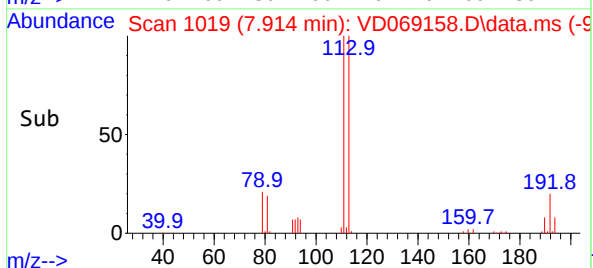
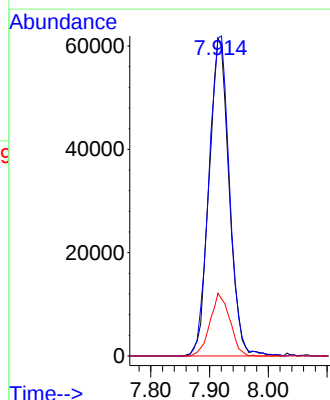
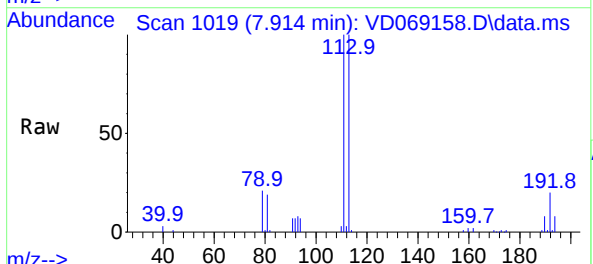
Tgt Ion:114 Resp: 396708
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.4
88 14.8 0.0 28.2

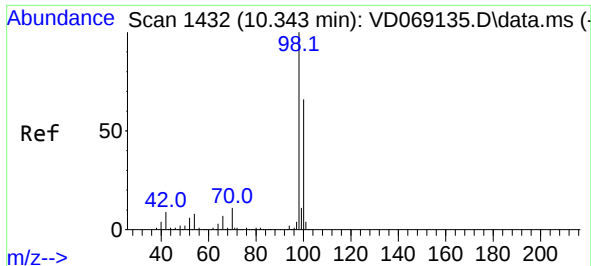


#35

Dibromofluoromethane
Concen: 56.41 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

Tgt Ion:113 Resp: 145636
Ion Ratio Lower Upper
113 100
111 103.2 80.6 120.8
192 19.4 14.8 22.2

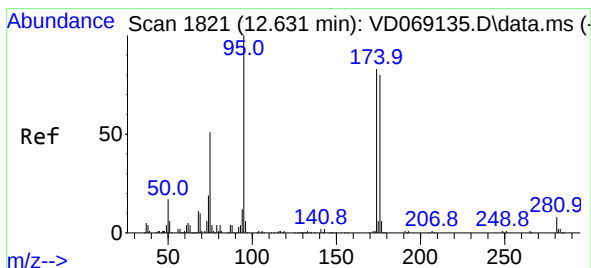
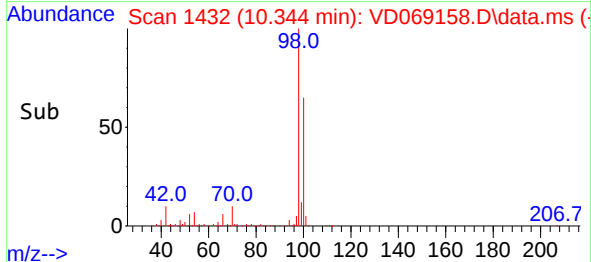
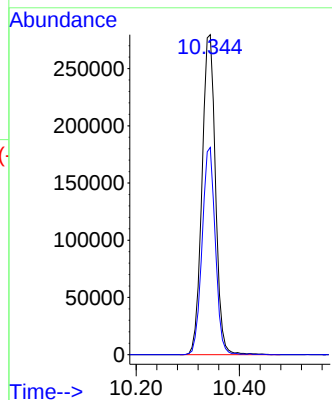
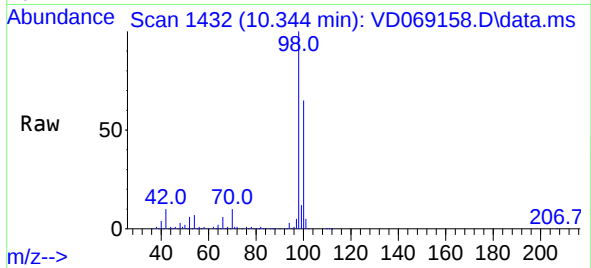




#50
Toluene-d8
Concen: 53.29 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

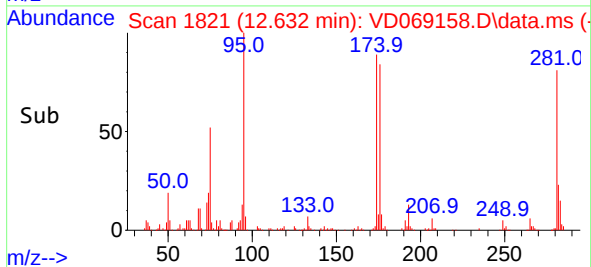
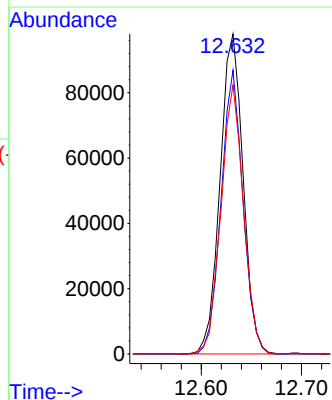
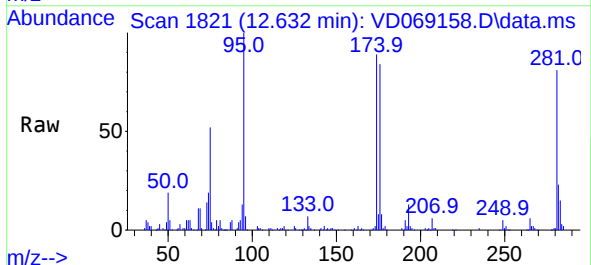
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24702

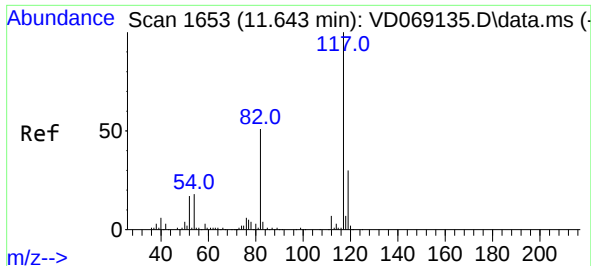
Tgt Ion: 98 Resp: 505496
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 51.16 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

Tgt Ion: 95 Resp: 156155
Ion Ratio Lower Upper
95 100
174 84.3 0.0 171.8
176 82.2 0.0 165.4

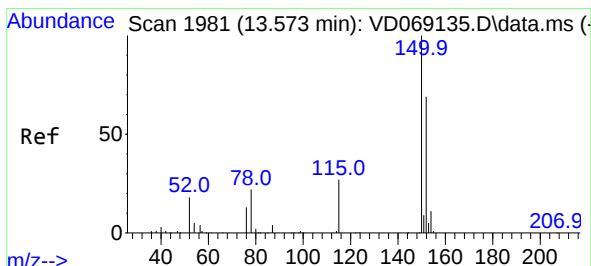
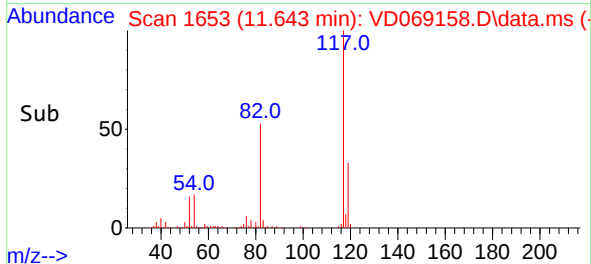
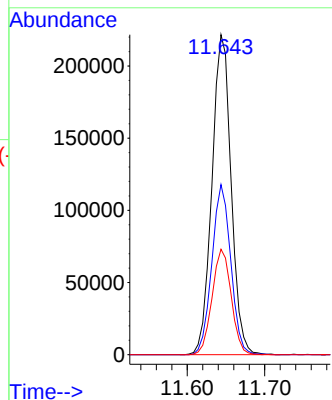
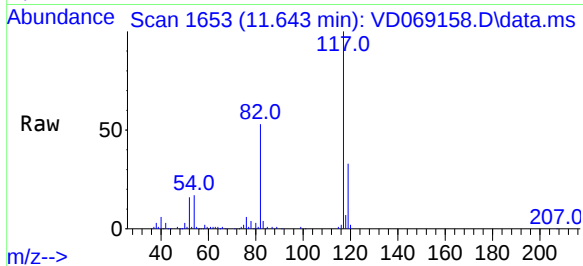




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24702

Tgt Ion:	117	Resp:	381349
Ion	Ratio	Lower	Upper
117	100		
82	53.1	40.5	60.7
119	33.0	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

Tgt Ion:	152	Resp:	162242
Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.9	89.8
150	156.9	0.0	350.2

