

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068559.D
 Acq On : 08 Mar 2021 14:46
 Operator : VA/SY
 Sample : M1603-01
 Misc : 7.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 31-NORTH

Quant Time: Mar 09 00:10:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	127475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	226411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	231327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	114654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	87527	68.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.44%
35) Dibromofluoromethane	7.914	113	70332	51.57	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.14%
50) Toluene-d8	10.338	98	287111	52.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.70%
62) 4-Bromofluorobenzene	12.632	95	98181	56.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.16%

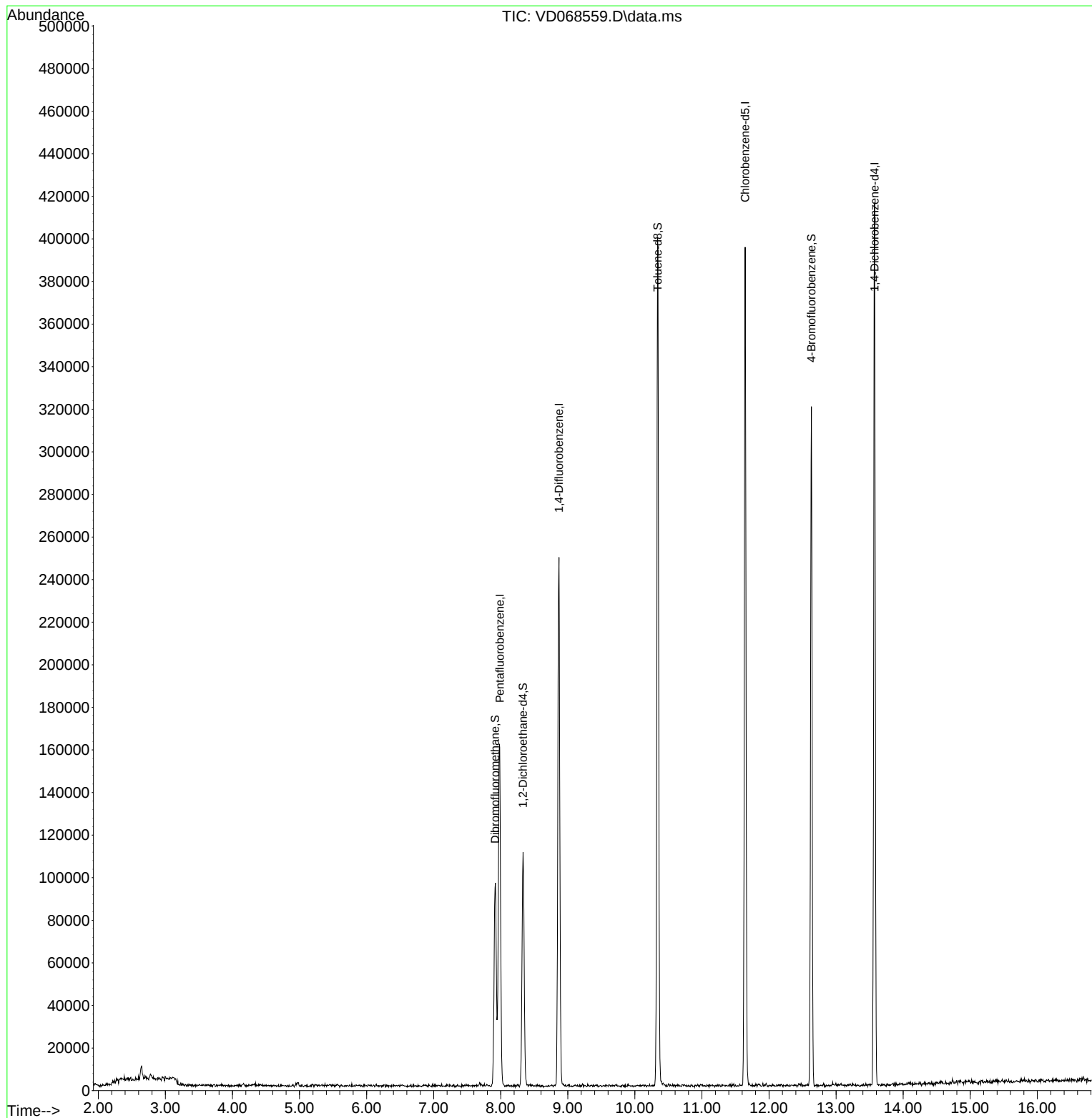
Target Compounds	Qvalue

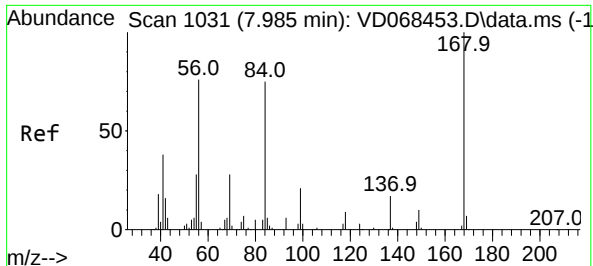
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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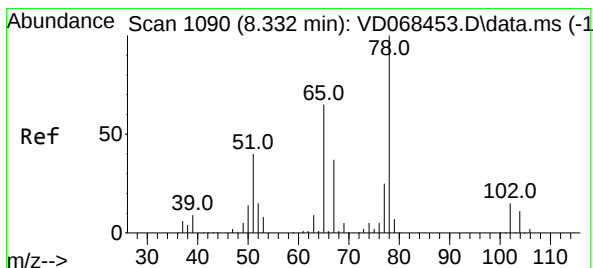
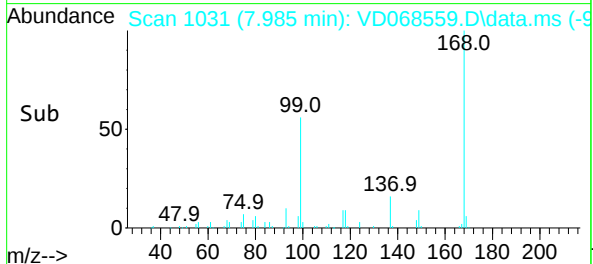
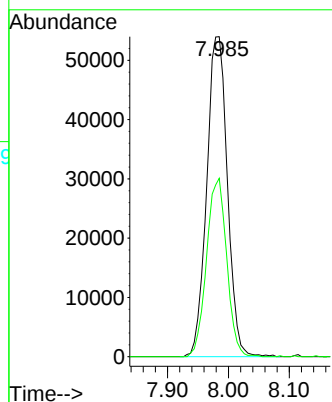
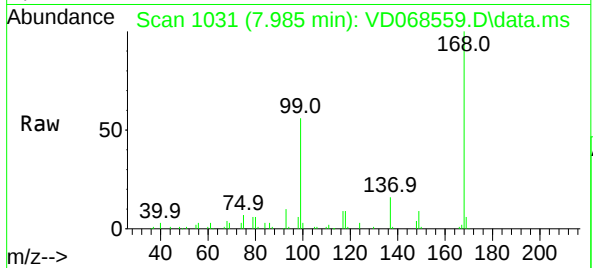




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

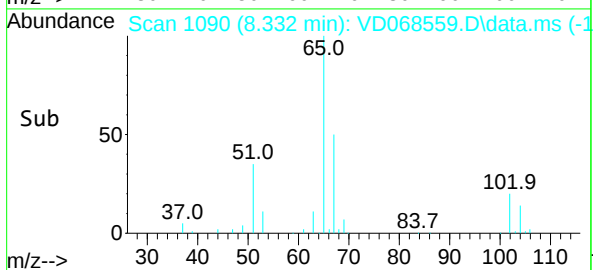
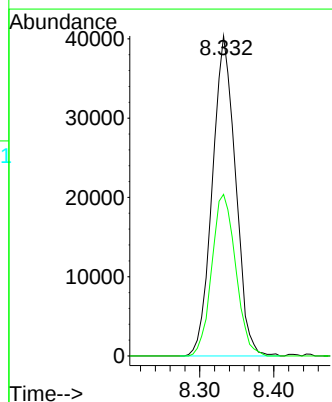
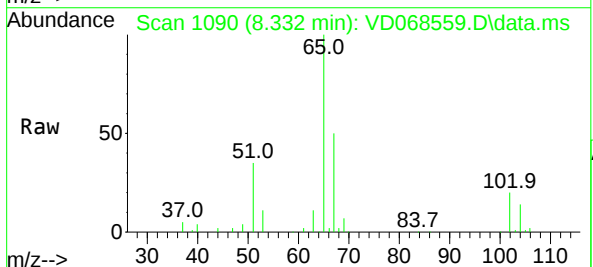
Instrument :
MSVOA_D
ClientSampleId :
31-NORTH

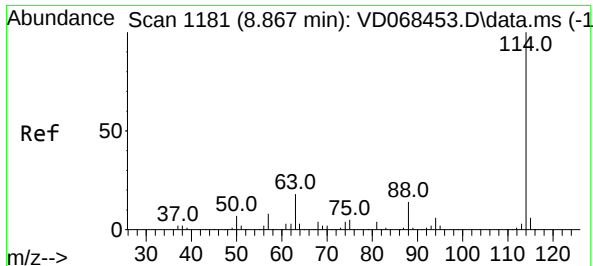
Tgt Ion:168 Resp: 127475
Ion Ratio Lower Upper
168 100
99 55.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 68.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

Tgt Ion: 65 Resp: 87527
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.0

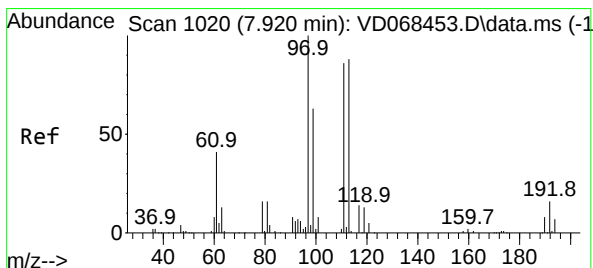
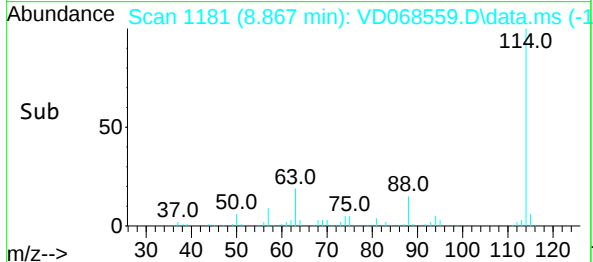
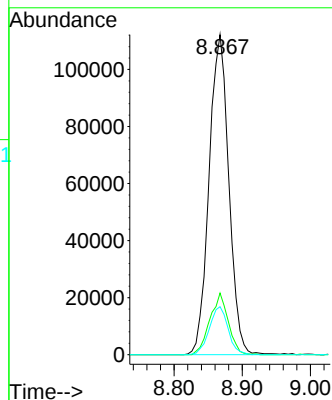
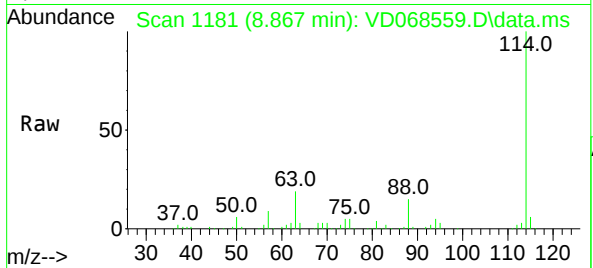




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

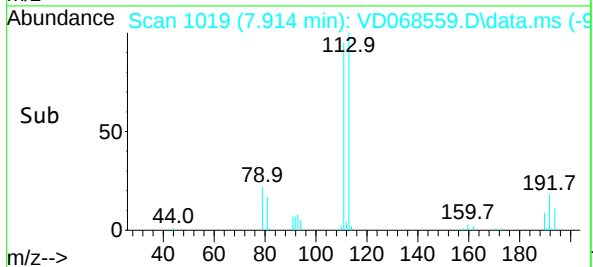
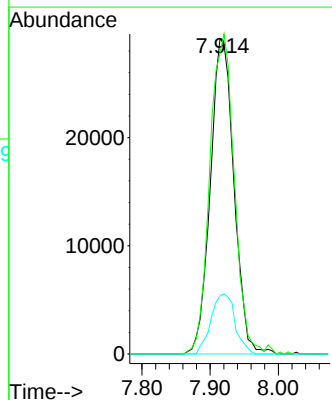
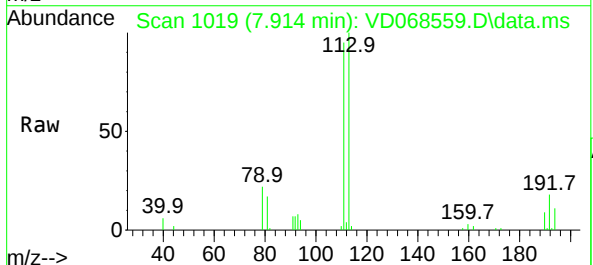
Instrument :
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ClientSampleId :
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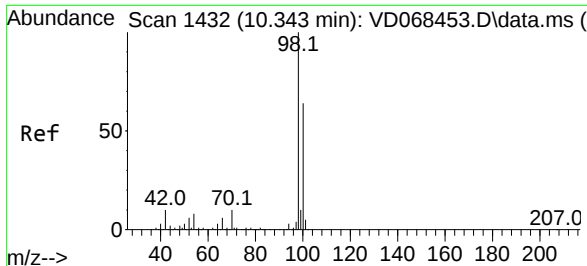
Tgt Ion:114 Resp: 226411
Ion Ratio Lower Upper
114 100
63 19.2 0.0 34.8
88 15.0 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.57 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

Tgt Ion:113 Resp: 70332
Ion Ratio Lower Upper
113 100
111 104.7 81.4 122.0
192 19.4 16.1 24.1

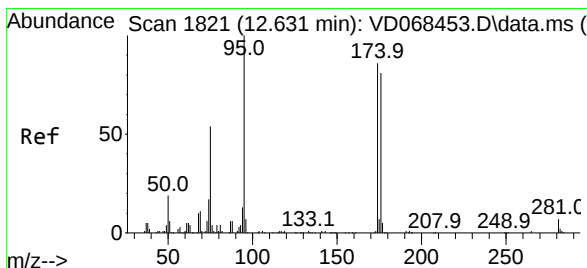
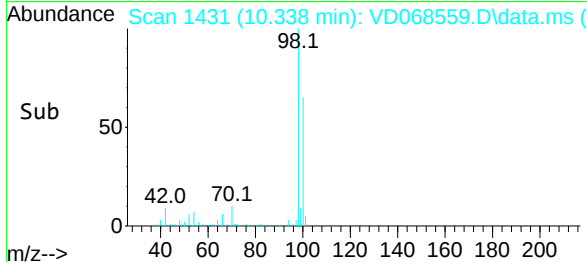
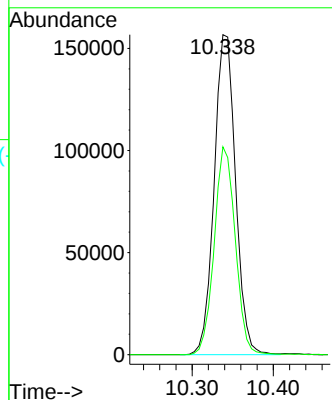
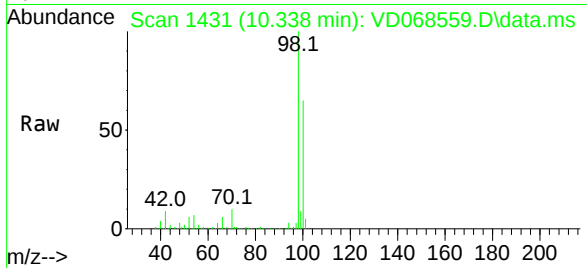




#50
Toluene-d8
Concen: 52.85 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

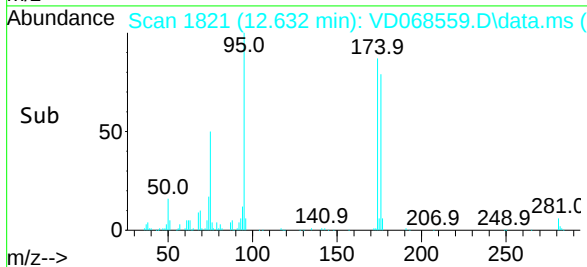
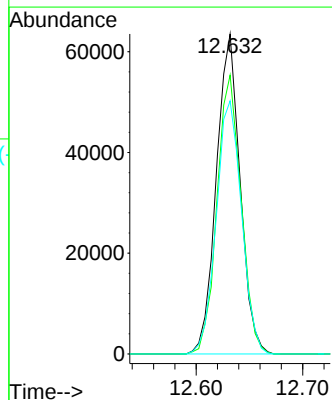
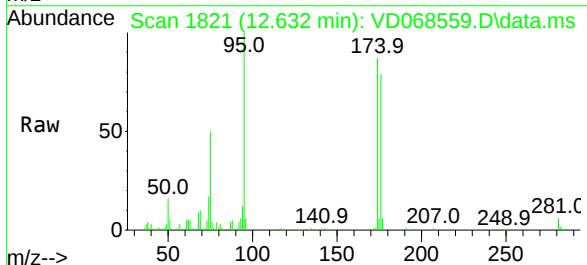
Instrument :
MSVOA_D
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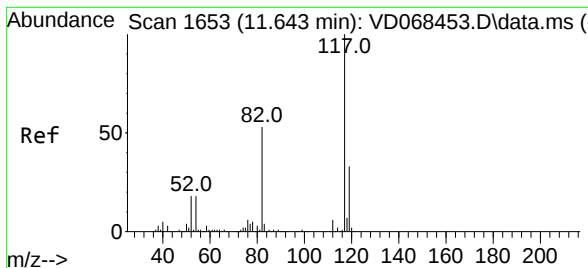
Tgt Ion: 98 Resp: 287111
Ion Ratio Lower Upper
98 100
100 64.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

Tgt Ion: 95 Resp: 98181
Ion Ratio Lower Upper
95 100
174 88.3 0.0 172.4
176 84.3 0.0 168.4

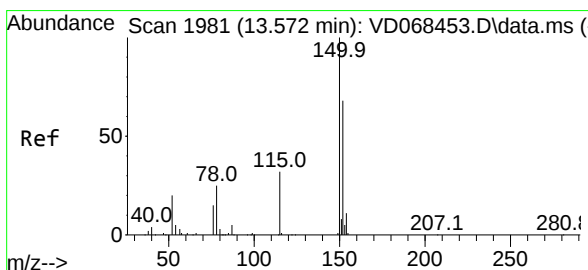
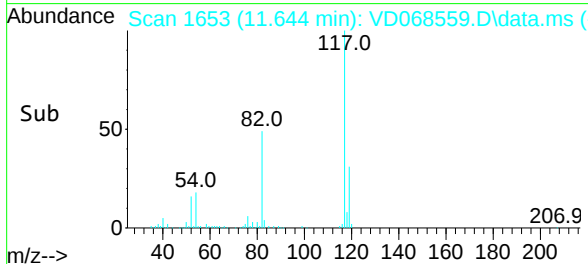
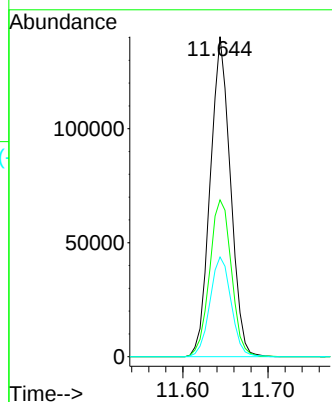
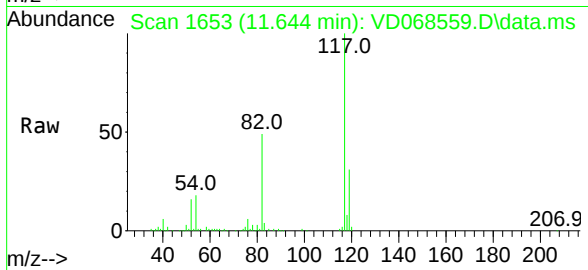




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

Instrument :
MSVOA_D
ClientSampleId :
31-NORTH

Tgt Ion:117 Resp: 231327
Ion Ratio Lower Upper
117 100
82 49.0 41.4 62.0
119 31.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

Tgt Ion:152 Resp: 114654
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.8
150 152.3 0.0 344.4

