

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068762.D
 Acq On : 01 Apr 2021 16:57
 Operator : VA/SY
 Sample : M1888-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3D1-(4-7.5)

Quant Time: Apr 02 01:05:28 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	313141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	561782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	579079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	284200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	155379	49.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.42%
35) Dibromofluoromethane	7.914	113	179375	51.32	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.64%
50) Toluene-d8	10.338	98	712786	52.89	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.78%
62) 4-Bromofluorobenzene	12.632	95	255945	58.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.16%

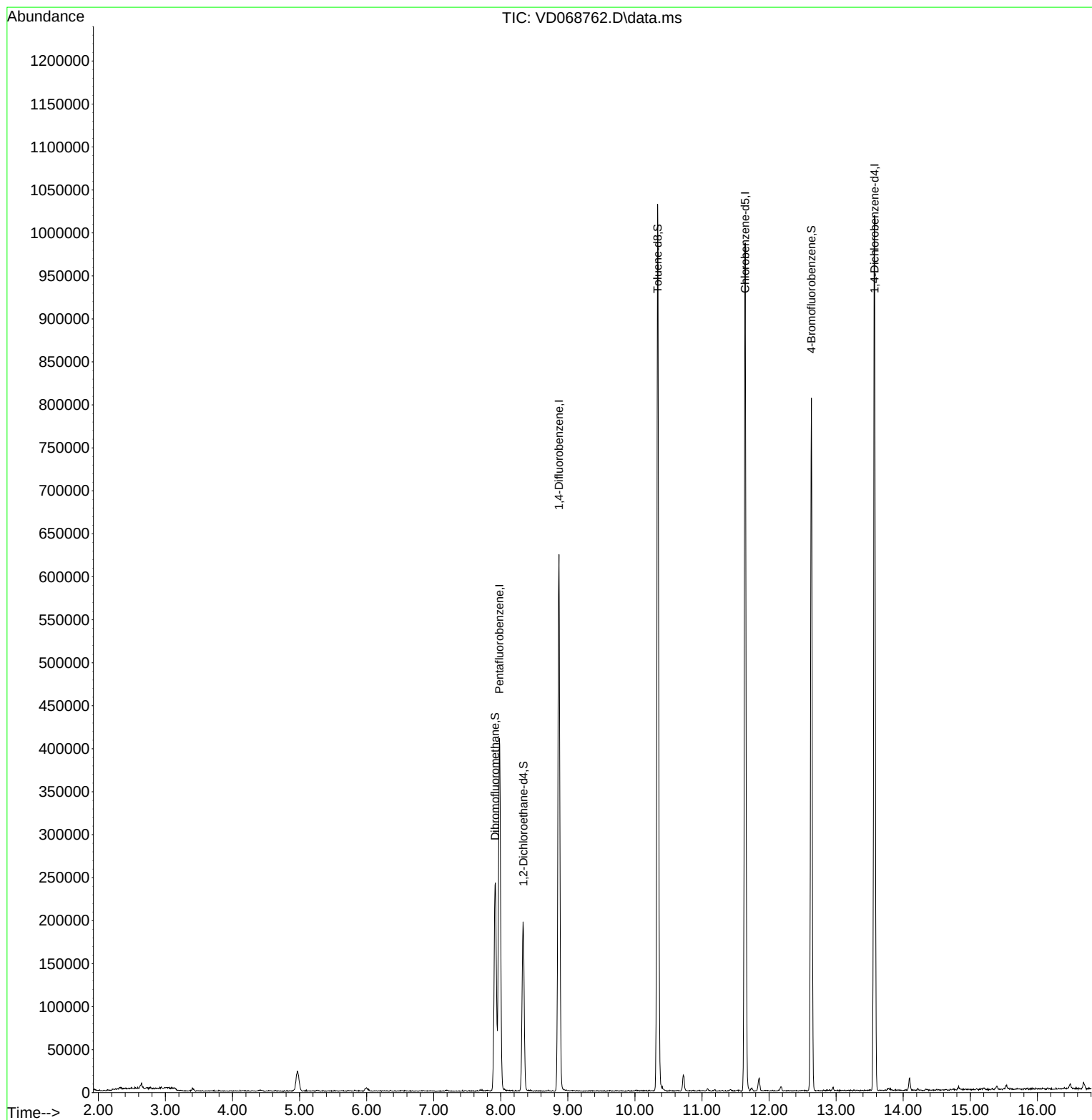
Target Compounds	Qvalue

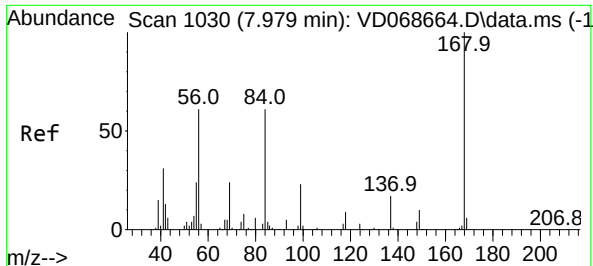
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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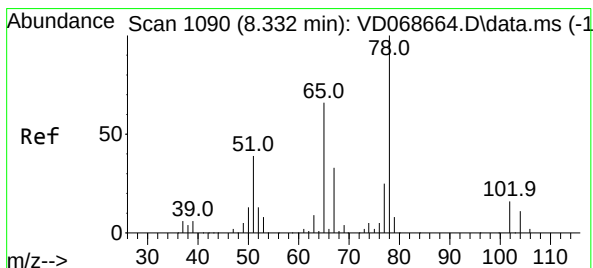
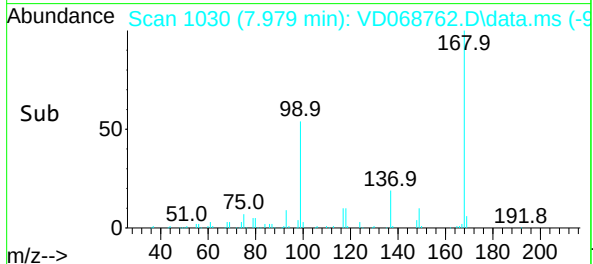
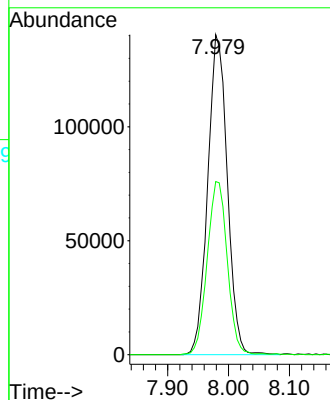
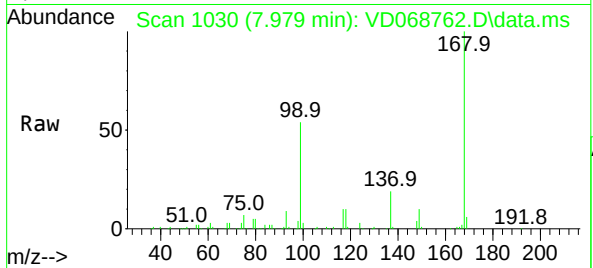




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

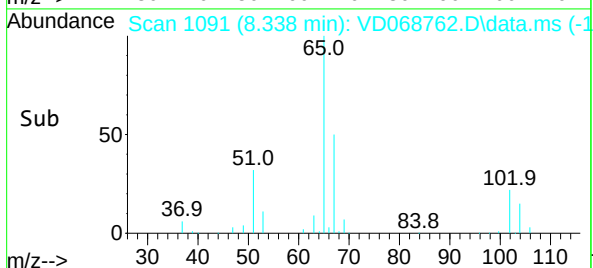
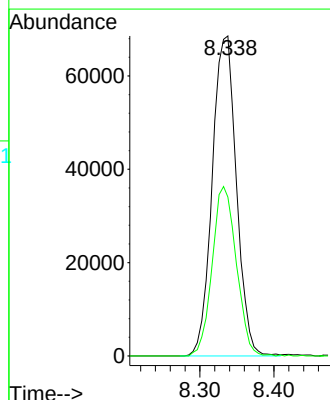
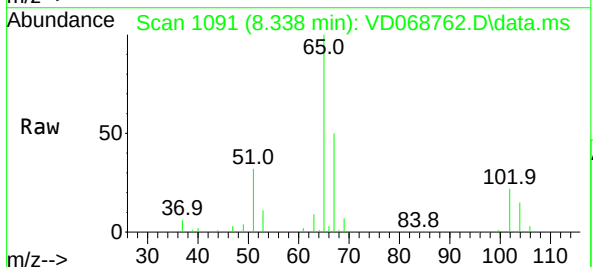
Instrument :
MSVOA_D
ClientSampleId :
TP-3D1-(4-7.5)

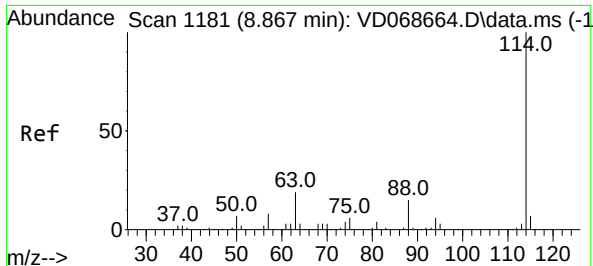
Tgt Ion:168 Resp: 313141
Ion Ratio Lower Upper
168 100
99 54.1 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 49.21 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

Tgt Ion: 65 Resp: 155379
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0

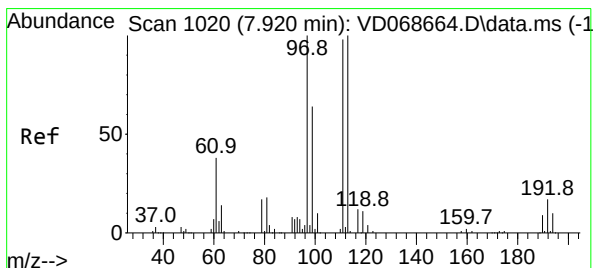
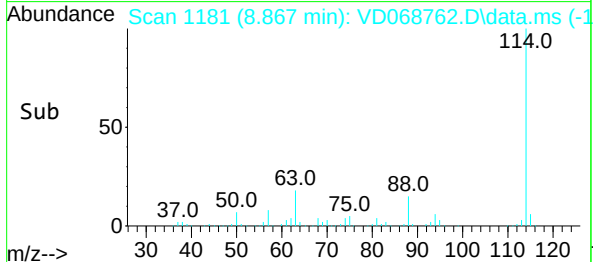
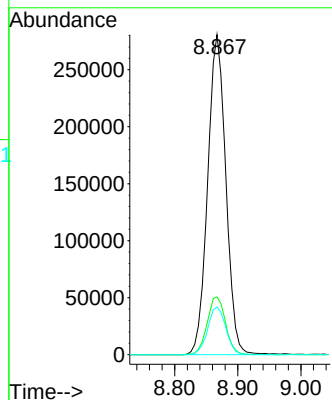
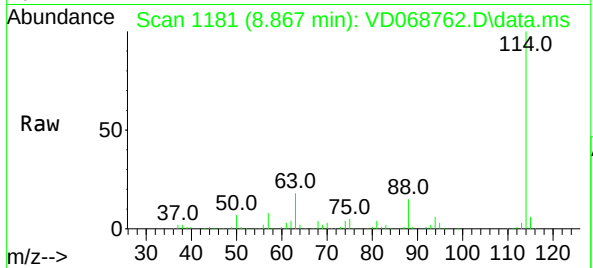




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

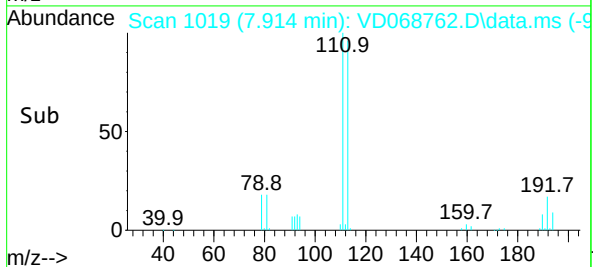
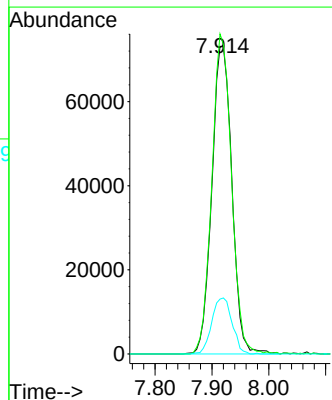
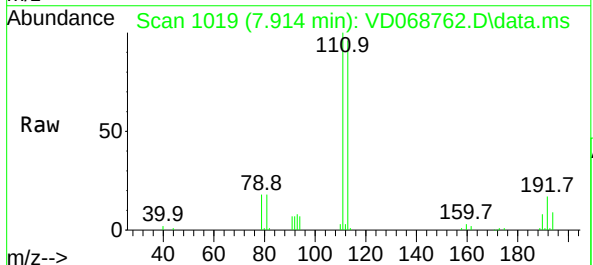
Instrument :
MSVOA_D
ClientSampleId :
TP-3D1-(4-7.5)

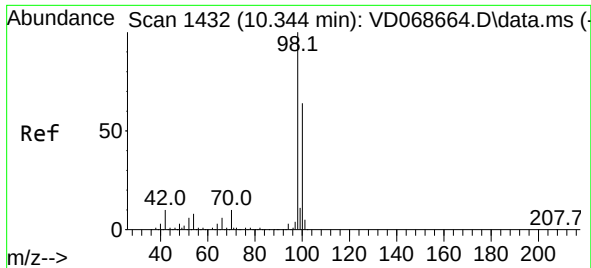
Tgt Ion:114 Resp: 561782
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.2
88 14.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.32 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

Tgt Ion:113 Resp: 179375
Ion Ratio Lower Upper
113 100
111 102.1 82.5 123.7
192 18.3 15.1 22.7

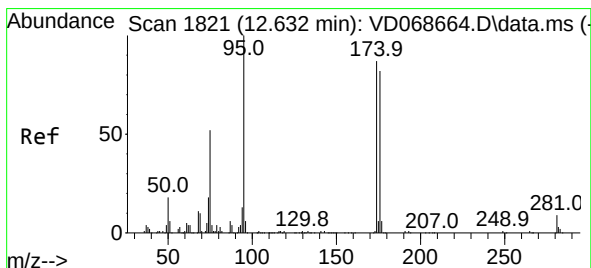
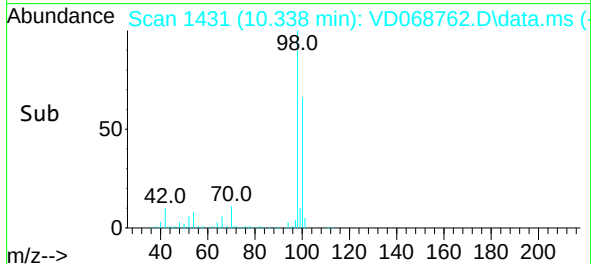
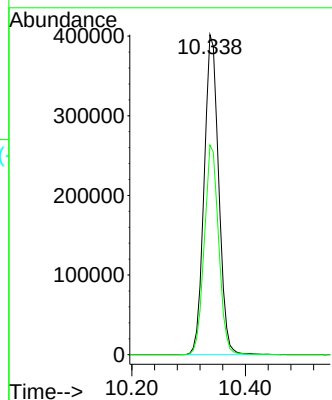
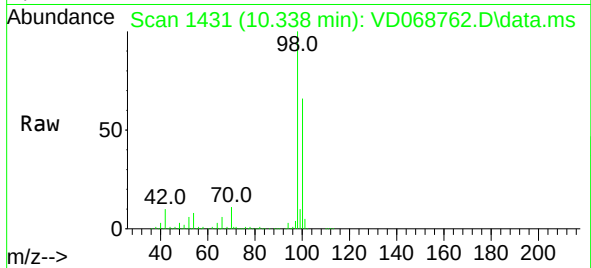




#50
Toluene-d8
Concen: 52.89 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

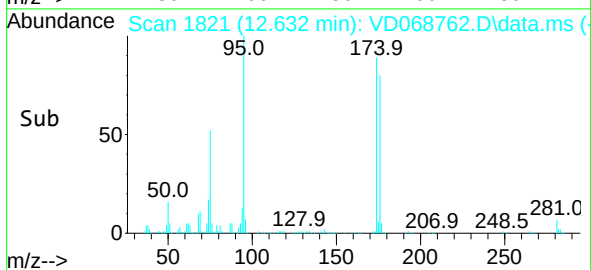
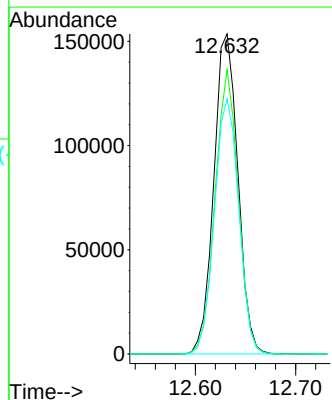
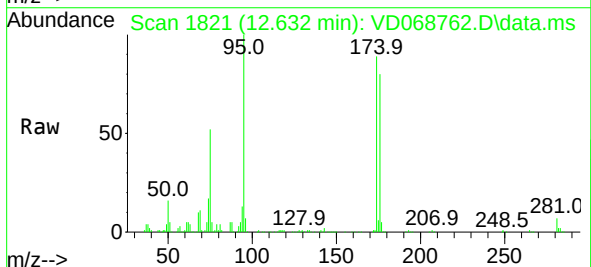
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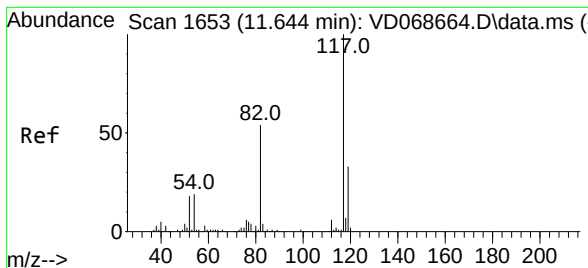
Tgt Ion: 98 Resp: 712786
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.58 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

Tgt Ion: 95 Resp: 255945
Ion Ratio Lower Upper
95 100
174 85.6 0.0 168.0
176 80.9 0.0 160.2

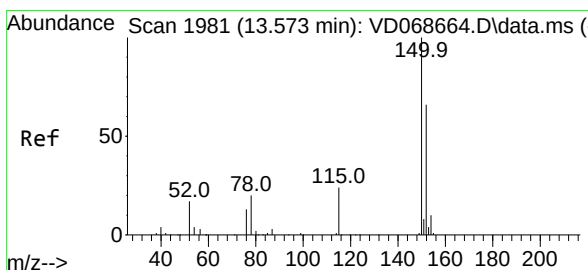
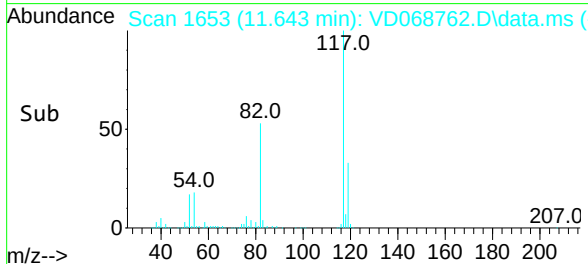
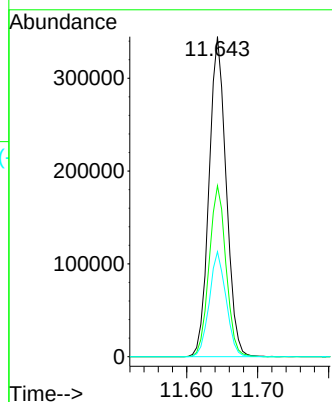
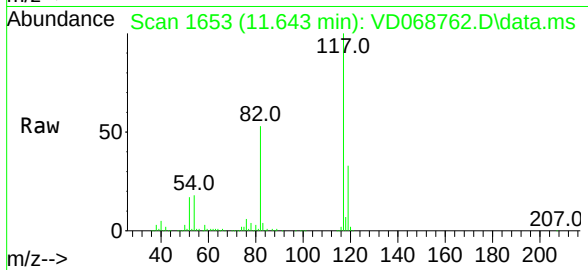




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

Instrument :
MSVOA_D
ClientSampleId :
TP-3D1-(4-7.5)

Tgt Ion:117 Resp: 579079
Ion Ratio Lower Upper
117 100
82 53.4 43.5 65.3
119 32.8 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: VD068762.D
Acq: 01 Apr 2021 16:57

Tgt Ion:152 Resp: 284200
Ion Ratio Lower Upper
152 100
115 57.4 29.3 87.8
150 157.5 0.0 347.6

