

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068605.D
 Acq On : 12 Mar 2021 14:37
 Operator : VA/SY
 Sample : M1649-01
 Misc : 6.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-1

Quant Time: Mar 12 23:35:43 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	7.979	168	321650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	590413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	579323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	315454	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	171764	53.45	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.90%
35) Dibromofluoromethane	7.914	113	181410	51.01	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.02%
50) Toluene-d8	10.344	98	738666	52.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.28%
62) 4-Bromofluorobenzene	12.632	95	257375	56.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.74%

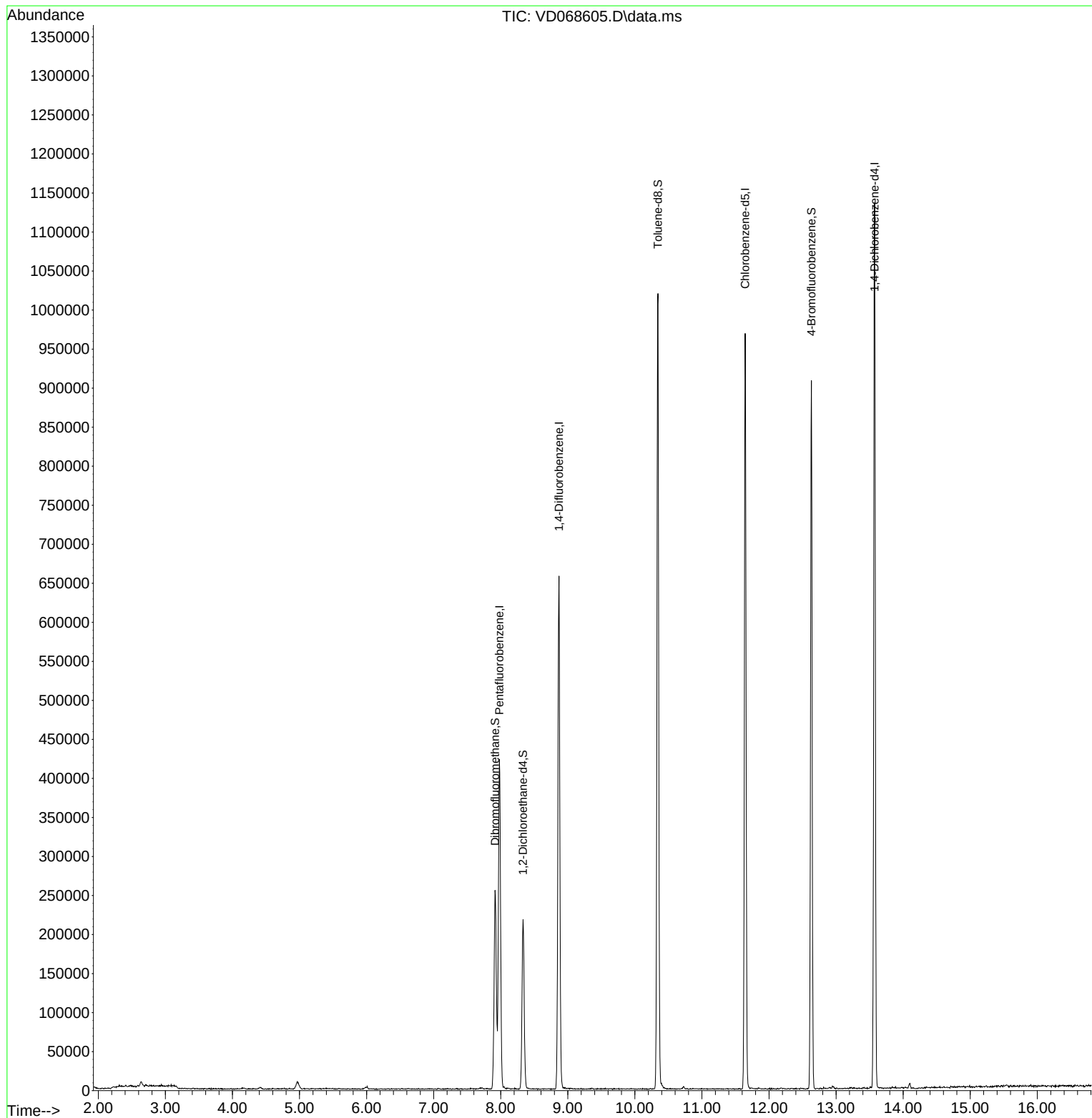
Target Compounds	Qvalue

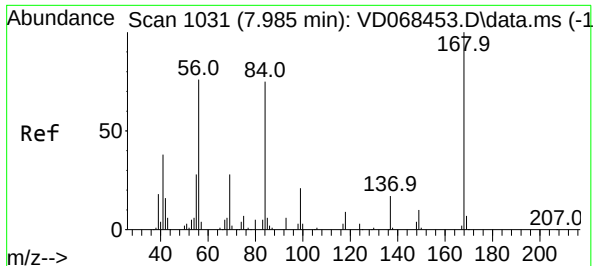
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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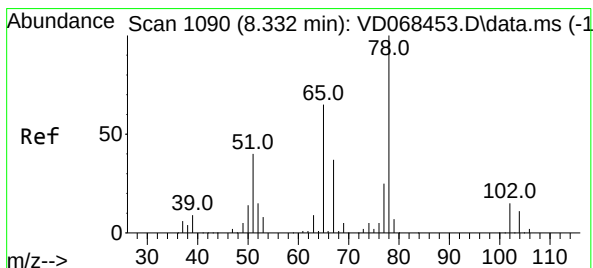
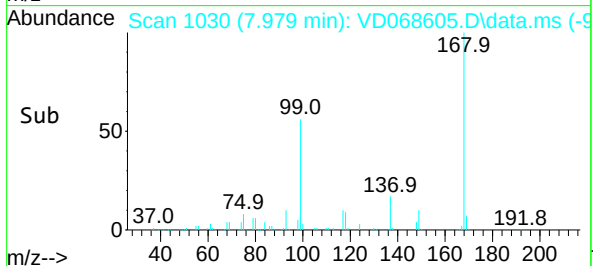
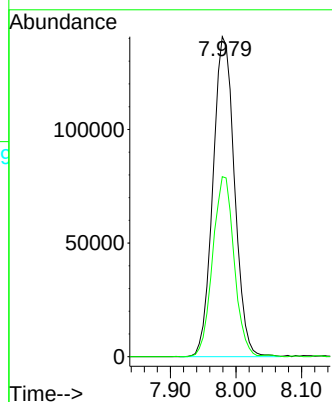
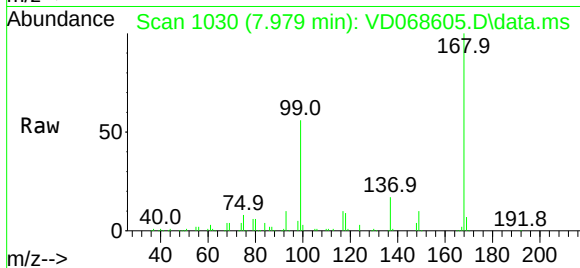




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068605.D
Acq: 12 Mar 2021 14:37

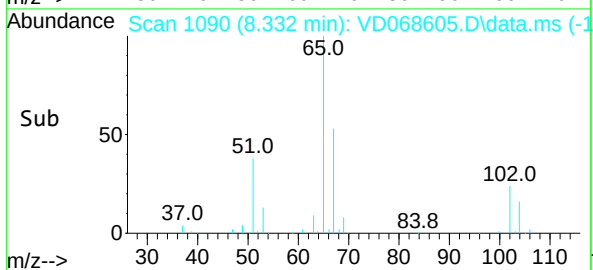
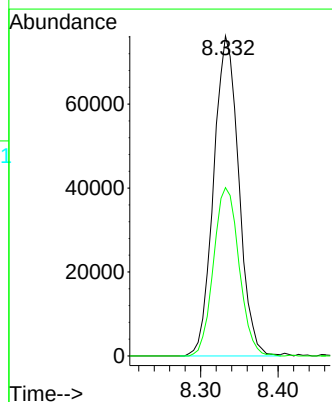
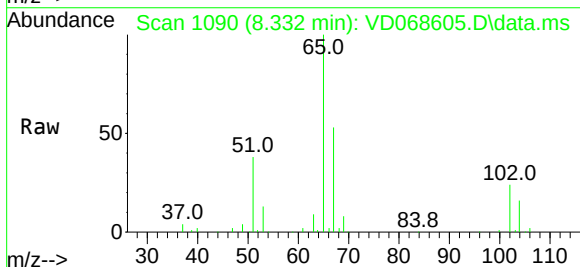
Instrument :
MSVOA_D
ClientSampled :
SP-1-1

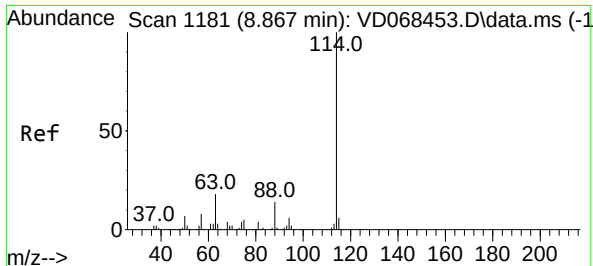
Tgt Ion:168 Resp: 321650
Ion Ratio Lower Upper
168 100
99 56.3 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 53.45 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068605.D
Acq: 12 Mar 2021 14:37

Tgt Ion: 65 Resp: 171764
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0

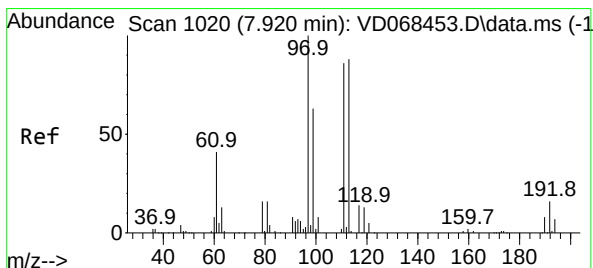
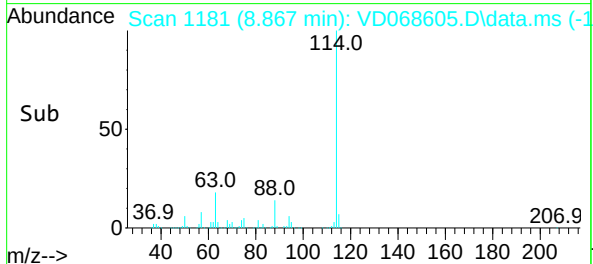
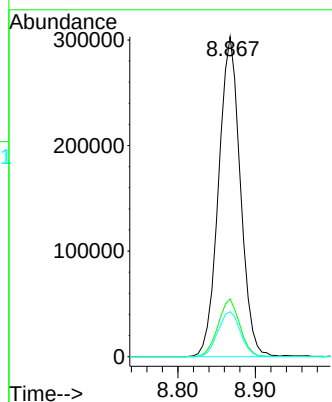
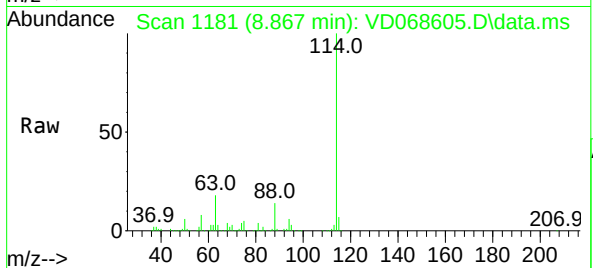




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068605.D
Acq: 12 Mar 2021 14:37

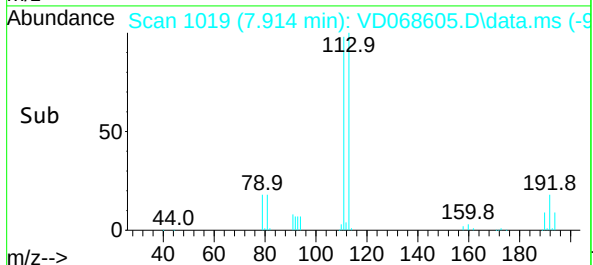
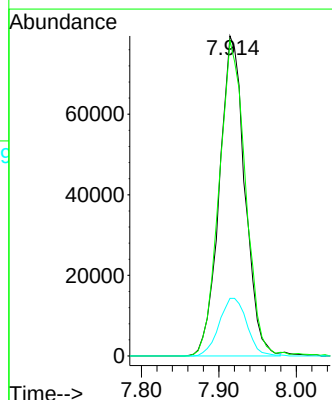
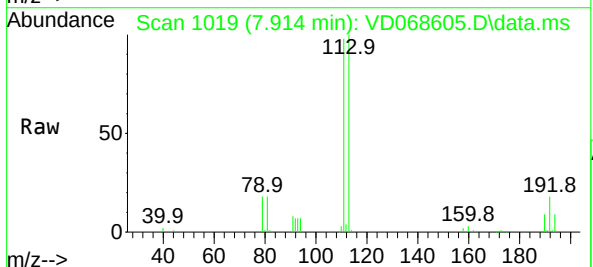
Instrument :
MSVOA_D
ClientSampled :
SP-1-1

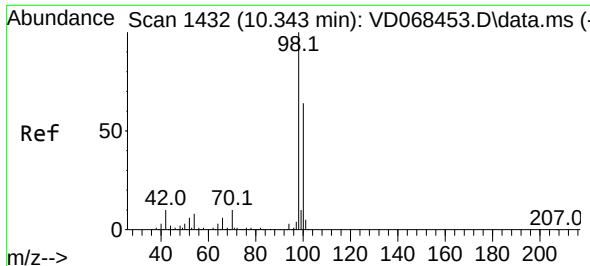
Tgt Ion:114 Resp: 590413
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.8
88 14.0 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.01 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068605.D
Acq: 12 Mar 2021 14:37

Tgt Ion:113 Resp: 181410
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 19.6 16.1 24.1

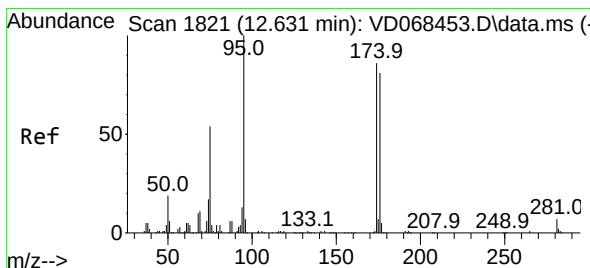
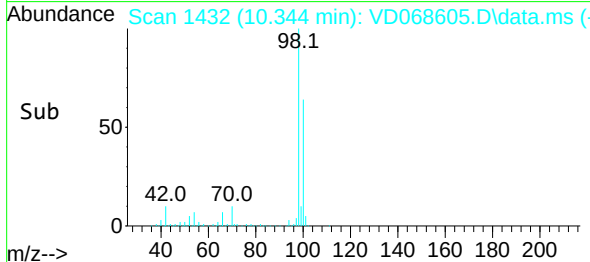
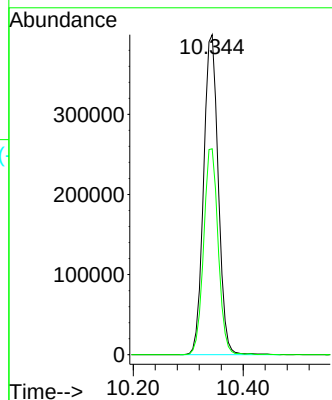
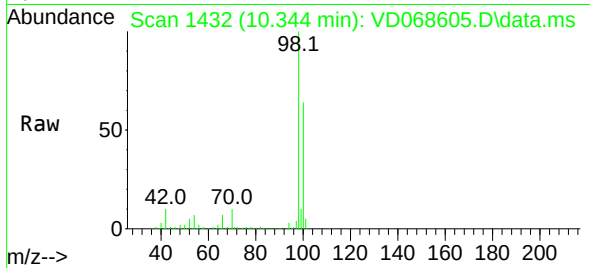




#50
Toluene-d8
Concen: 52.14 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068605.D
Acq: 12 Mar 2021 14:37

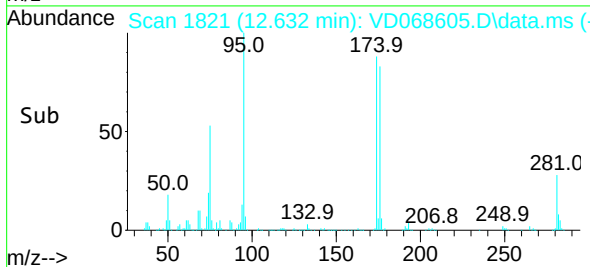
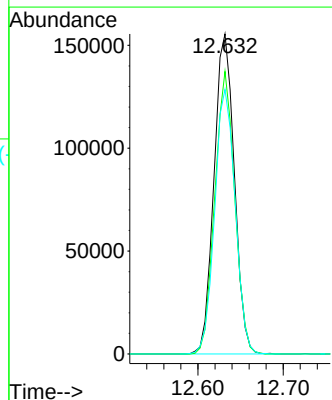
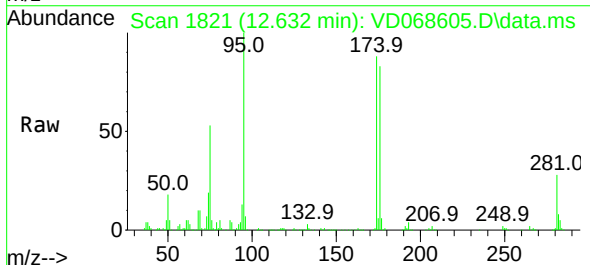
Instrument :
MSVOA_D
ClientSampleId :
SP-1-1

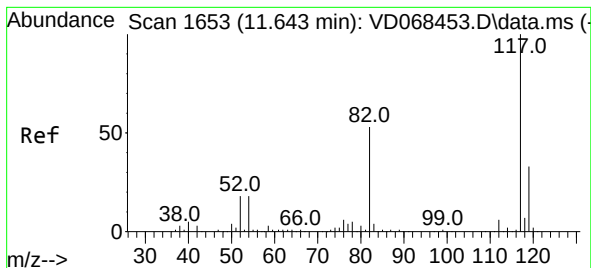
Tgt Ion: 98 Resp: 738666
Ion Ratio Lower Upper
98 100
100 63.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068605.D
Acq: 12 Mar 2021 14:37

Tgt Ion: 95 Resp: 257375
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.4
176 83.4 0.0 168.4

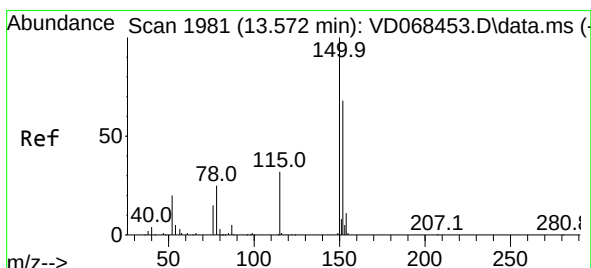
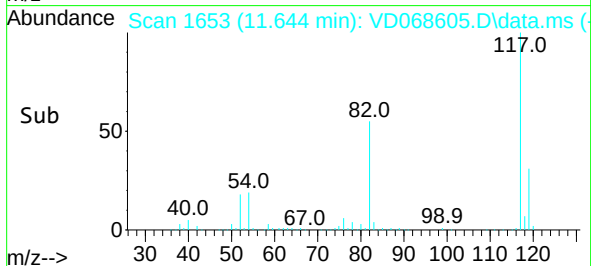
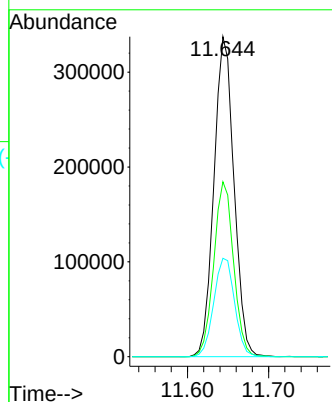
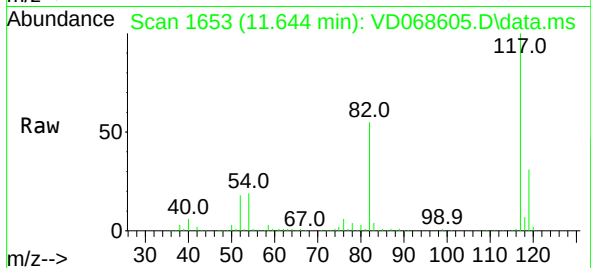




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068605.D
Acq: 12 Mar 2021 14:37

Instrument :
MSVOA_D
ClientSampleId :
SP-1-1

Tgt Ion:117 Resp: 579323
Ion Ratio Lower Upper
117 100
82 54.7 41.4 62.0
119 30.8 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: VD068605.D
Acq: 12 Mar 2021 14:37

Tgt Ion:152 Resp: 315454
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 158.3 0.0 344.4

