

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068467.D
 Acq On : 26 Feb 2021 20:13
 Operator : VA/SY
 Sample : M1518-04
 Misc : 10.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

Quant Time: Feb 26 21:50:56 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	305472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	564215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	556929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	260320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	191520	62.75	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.50%	
35) Dibromofluoromethane	7.920	113	182140	53.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.18%	
50) Toluene-d8	10.344	98	709809	52.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.86%	
62) 4-Bromofluorobenzene	12.632	95	244975	56.15	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.30%	

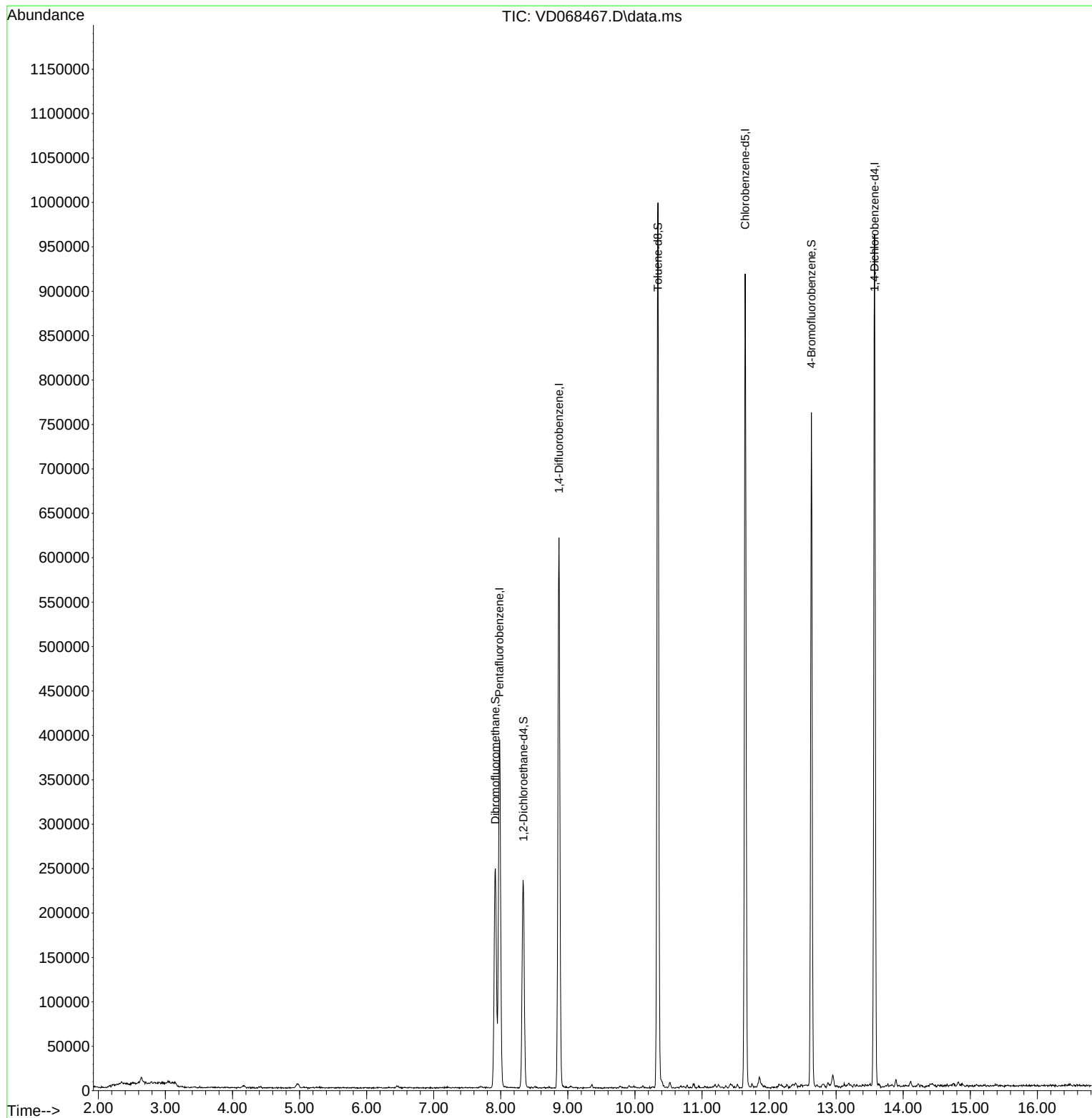
Target Compounds	Qvalue

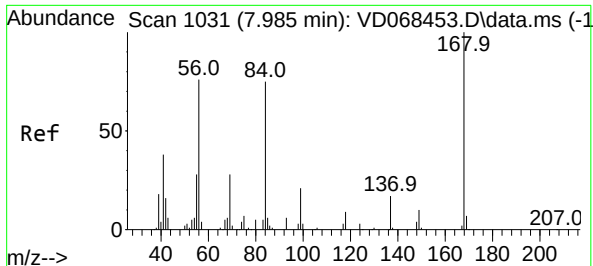
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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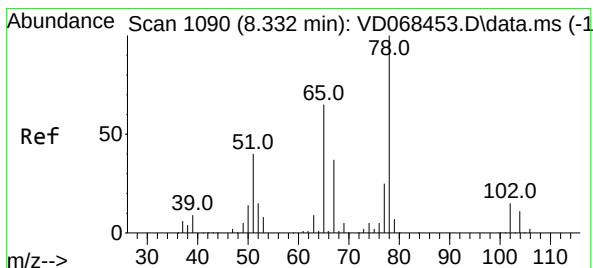
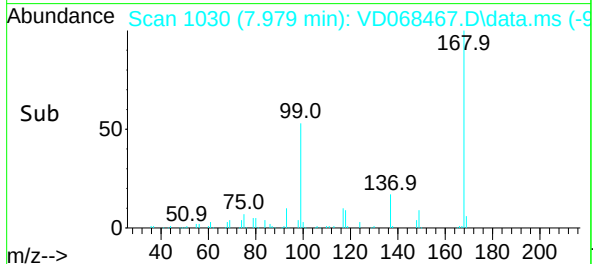
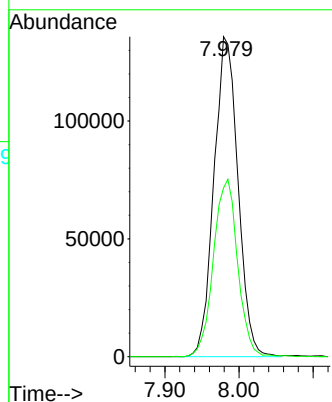
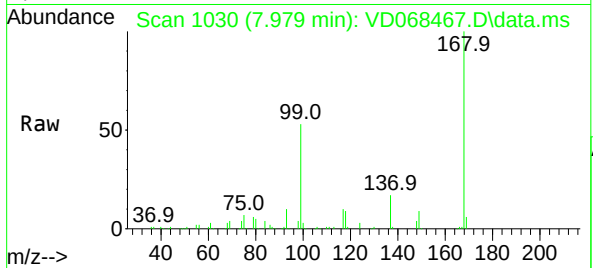




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

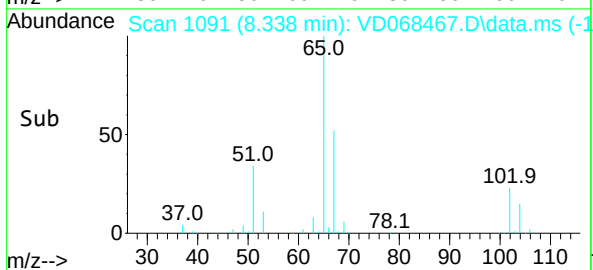
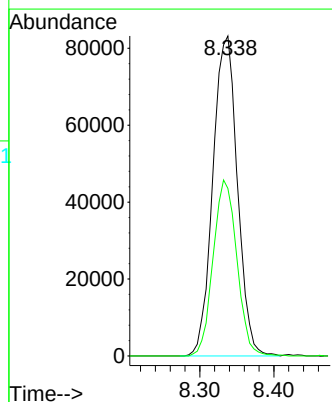
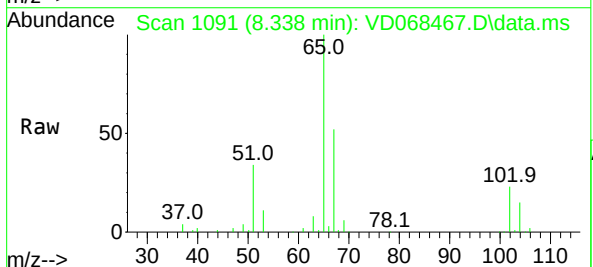
Instrument :
MSVOA_D
ClientSampled :
SB-4

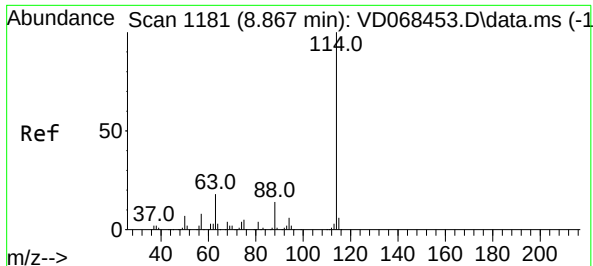
Tgt Ion:168 Resp: 305472
Ion Ratio Lower Upper
168 100
99 52.8 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 62.75 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

Tgt Ion: 65 Resp: 191520
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



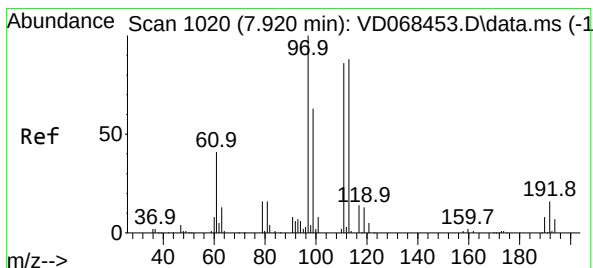
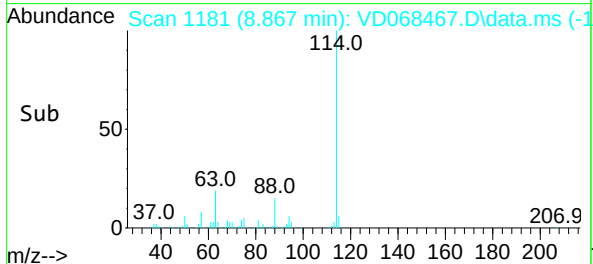
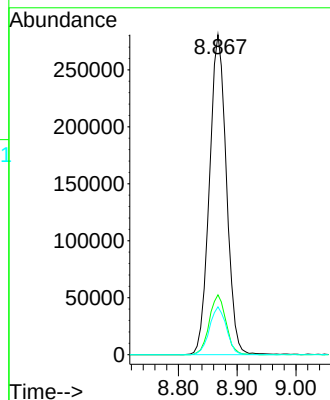
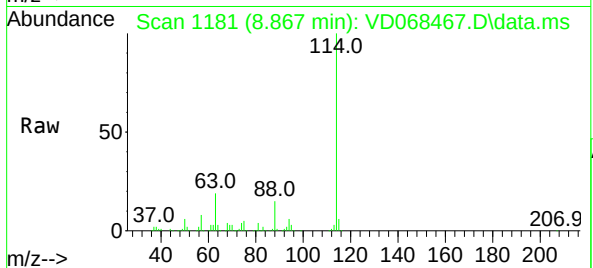


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

Instrument :
MSVOA_D
ClientSampled :
SB-4

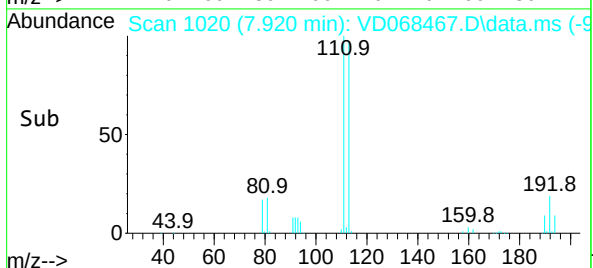
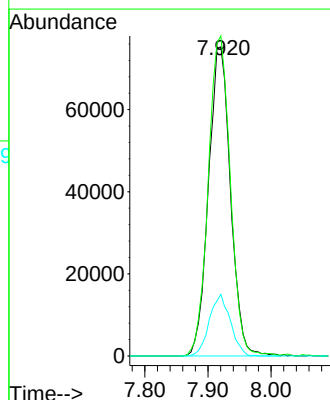
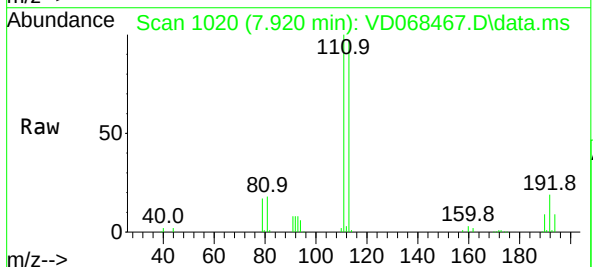
Tgt Ion:	114	Resp:	564215
Ion Ratio	Lower	Upper	
114	100		
63	18.7	0.0	34.8
88	15.0	0.0	31.6

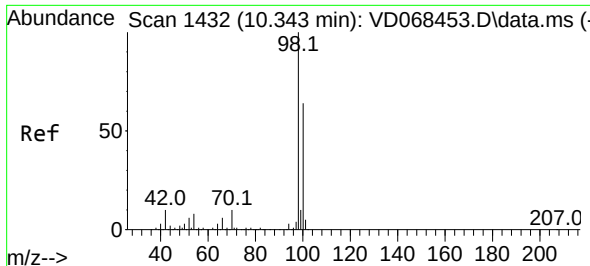


#35

Dibromofluoromethane
Concen: 53.59 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

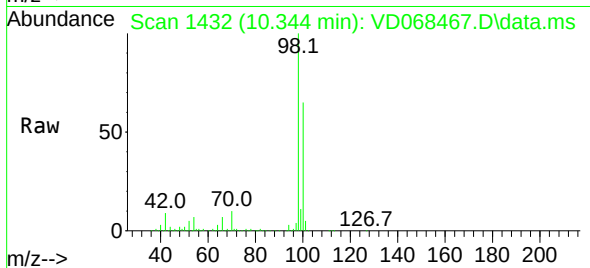
Tgt Ion:	113	Resp:	182140
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.4	122.0
192	19.1	16.1	24.1



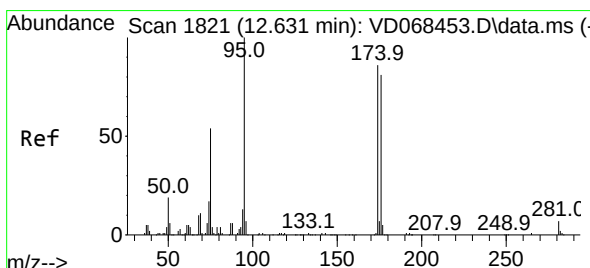
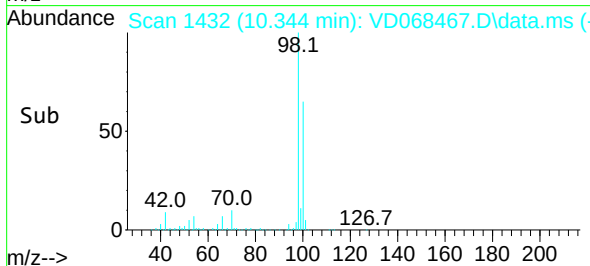
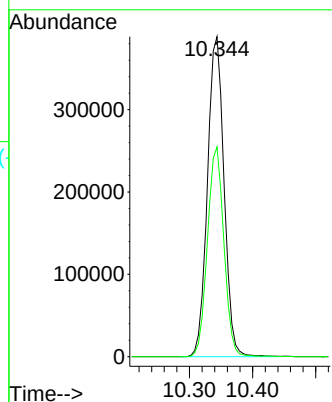


#50
Toluene-d8
Concen: 52.43 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

Instrument :
MSVOA_D
ClientSampled :
SB-4

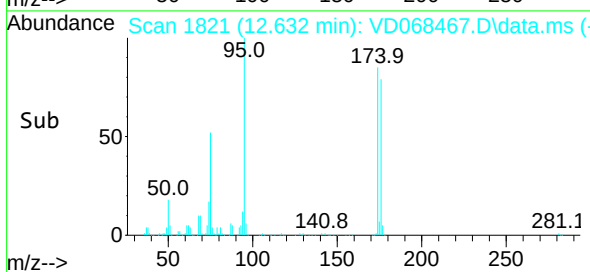
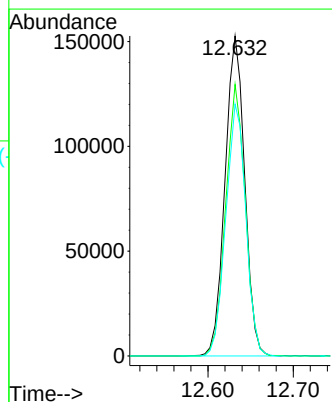
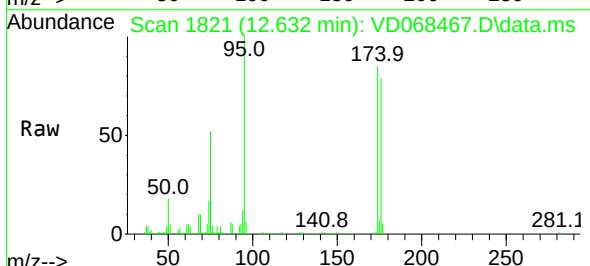


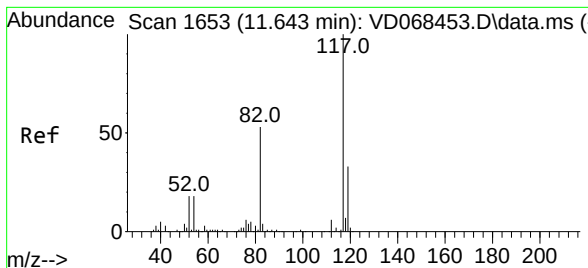
Tgt Ion: 98 Resp: 709809
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

Tgt Ion: 95 Resp: 244975
Ion Ratio Lower Upper
95 100
174 84.4 0.0 172.4
176 79.8 0.0 168.4

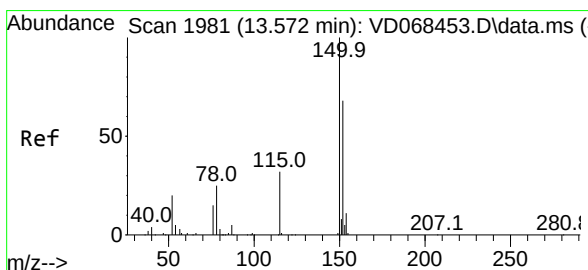
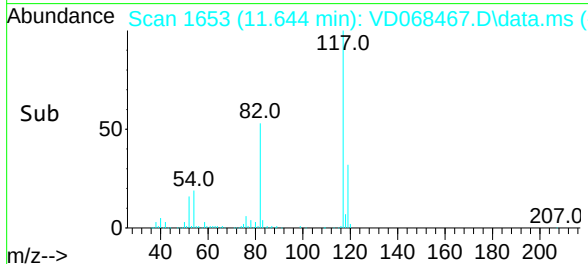
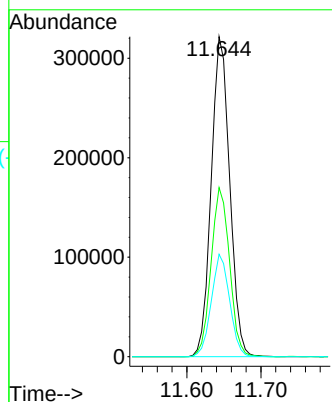
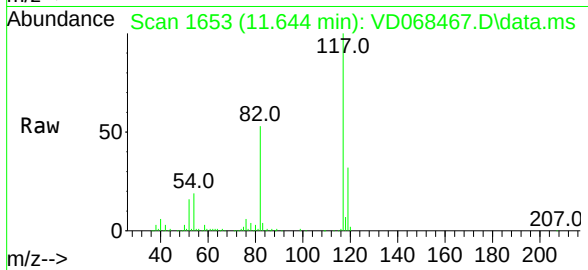




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

Instrument :
MSVOA_D
ClientSampled :
SB-4

Tgt Ion:117 Resp: 556929
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.0
119 32.0 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: VD068467.D
Acq: 26 Feb 2021 20:13

Tgt Ion:152 Resp: 260320
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.8
150 159.6 0.0 344.4

