

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
 Data File : VD068509.D
 Acq On : 03 Mar 2021 13:28
 Operator : VA/SY
 Sample : M1543-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Mar 04 00:03:11 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	377608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	656977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	617475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	271962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	169605	44.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.90%
35) Dibromofluoromethane	7.914	113	196746	49.71	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.42%
50) Toluene-d8	10.338	98	827063	52.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.94%
62) 4-Bromofluorobenzene	12.632	95	254876	50.17	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.34%

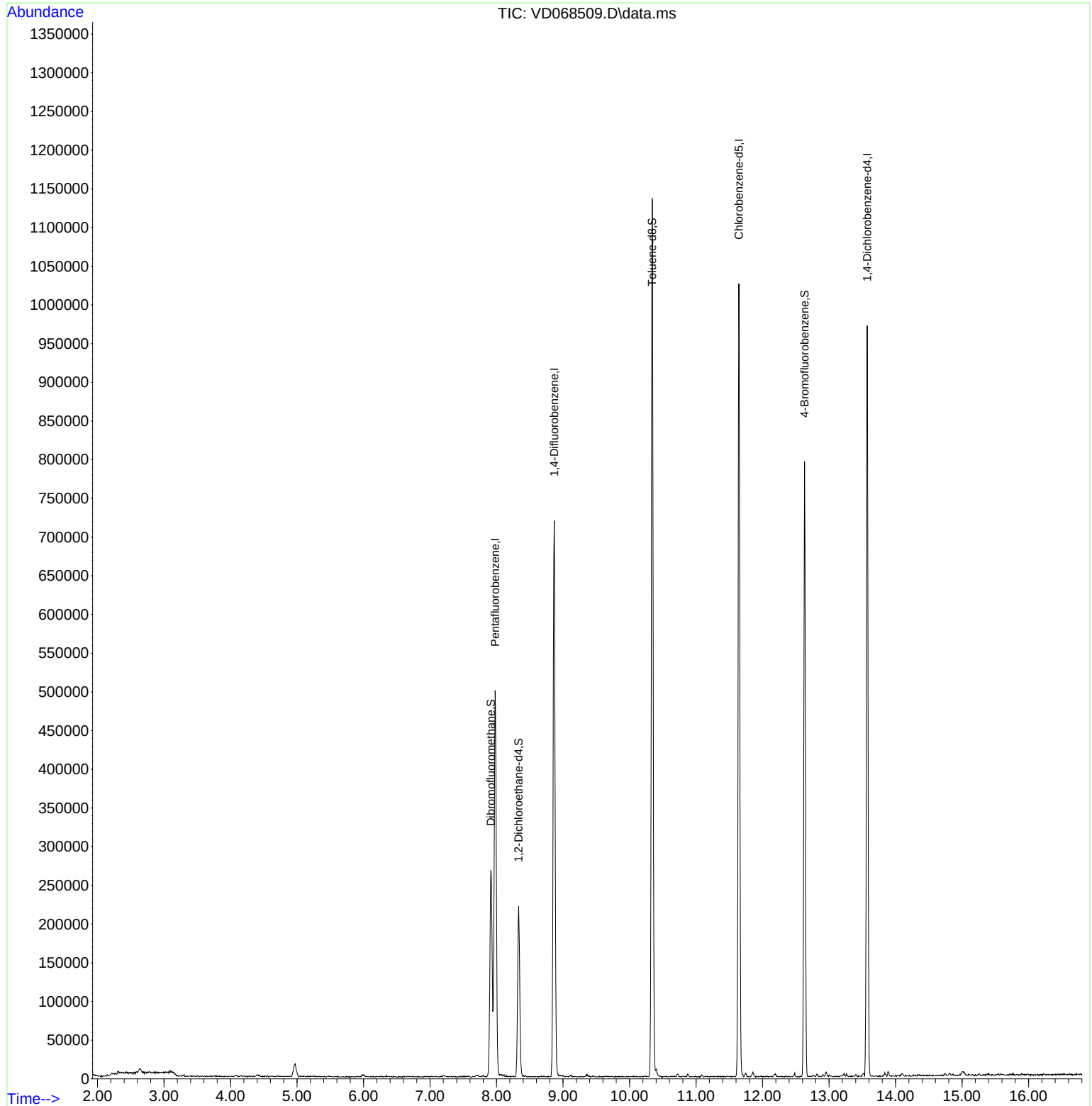
Target Compounds	Qvalue

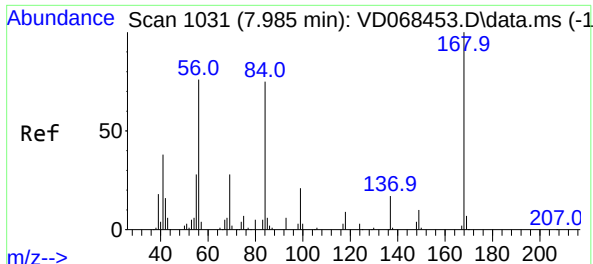
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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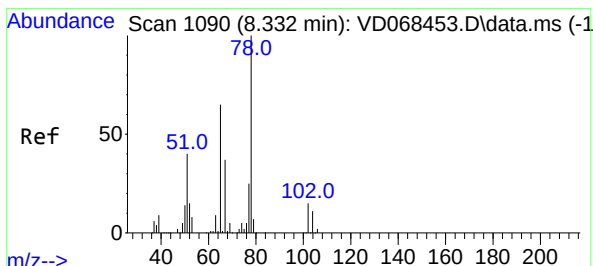
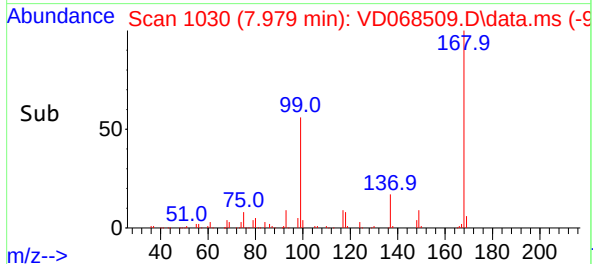
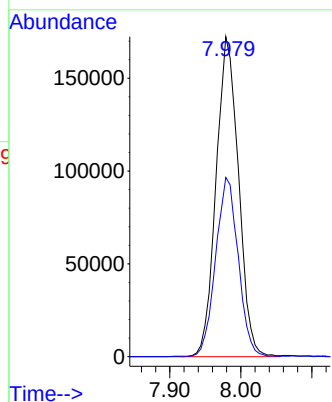
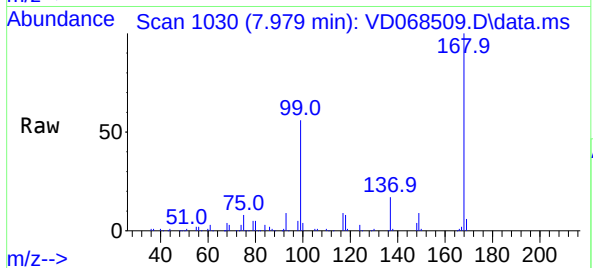




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068509.D
Acq: 03 Mar 2021 13:28

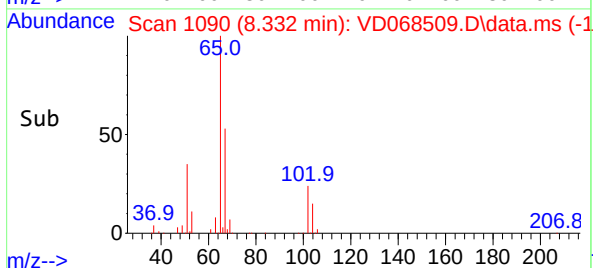
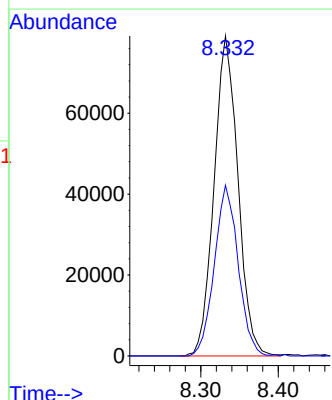
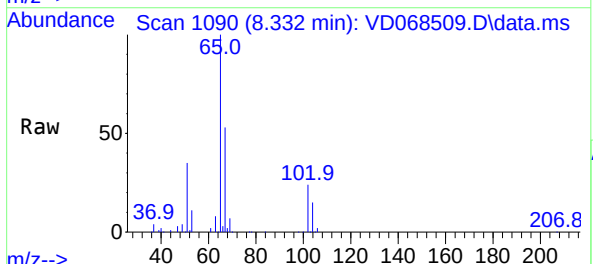
Instrument :
MSVOA_D
ClientSampleId :
VOC

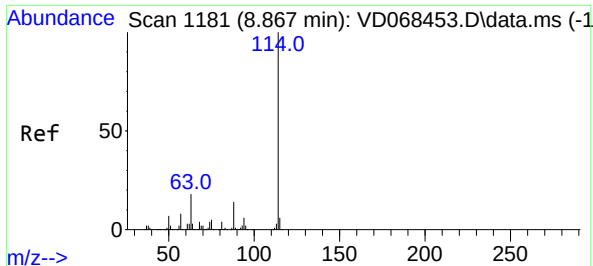
Tgt Ion:168 Resp: 377608
Ion Ratio Lower Upper
168 100
99 55.9 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 44.95 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068509.D
Acq: 03 Mar 2021 13:28

Tgt Ion: 65 Resp: 169605
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0





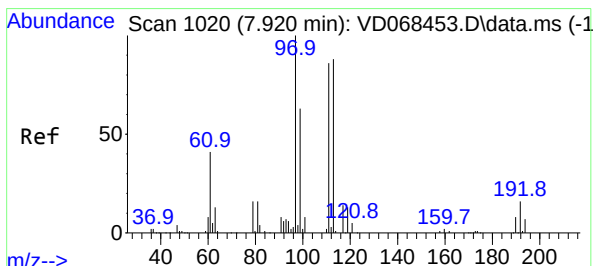
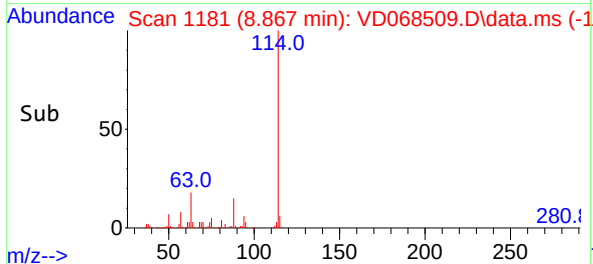
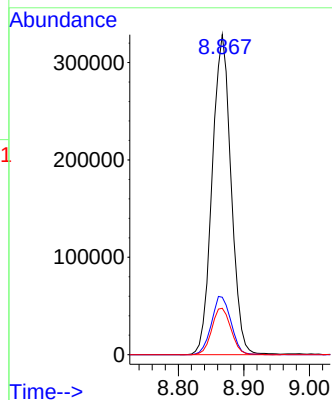
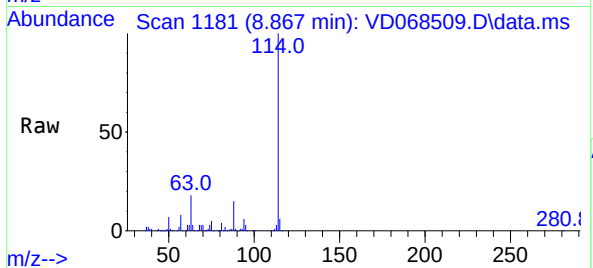
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068509.D
Acq: 03 Mar 2021 13:28

Instrument :
MSVOA_D
ClientSampled :
VOC

Tgt Ion:114 Resp: 656977

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	34.8
88	14.5	0.0	31.6

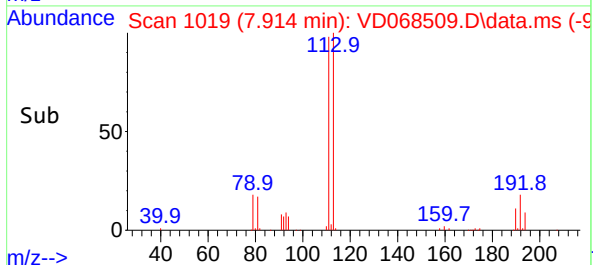
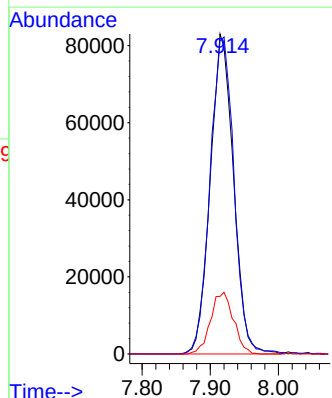
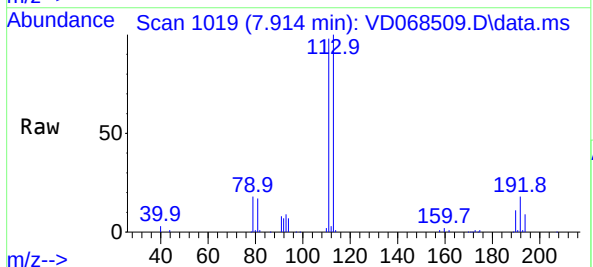


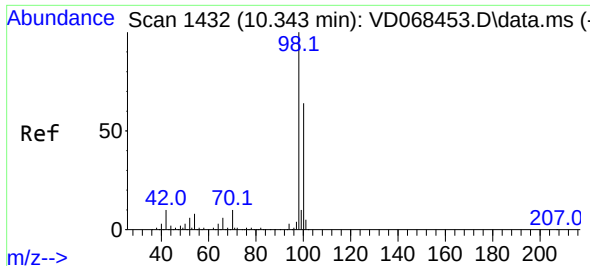
#35

Dibromofluoromethane
Concen: 49.71 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068509.D
Acq: 03 Mar 2021 13:28

Tgt Ion:113 Resp: 196746

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	19.0	16.1	24.1

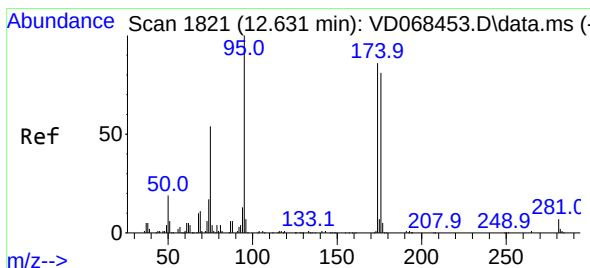
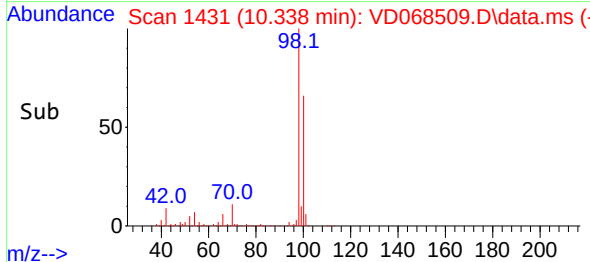
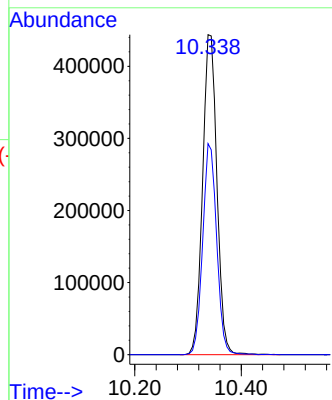
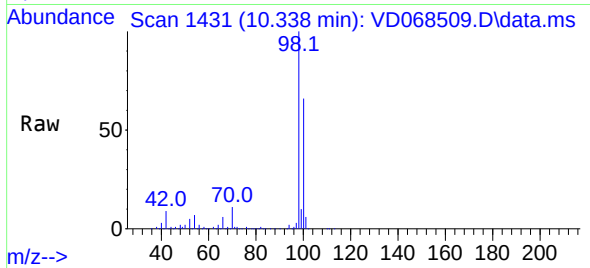




#50
Toluene-d8
Concen: 52.47 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068509.D
Acq: 03 Mar 2021 13:28

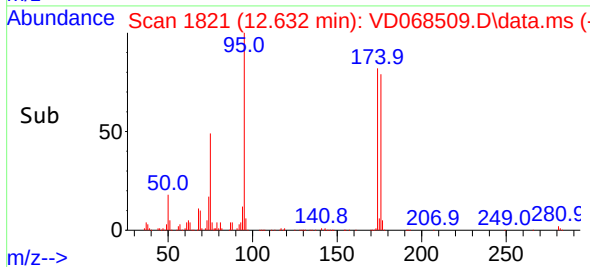
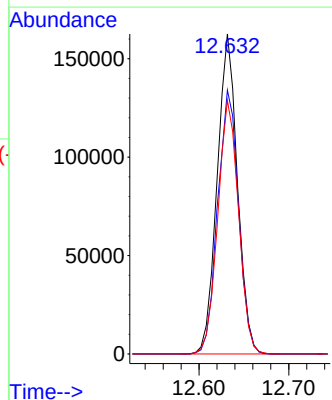
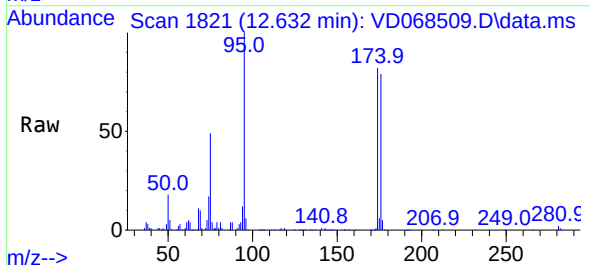
Instrument :
MSVOA_D
ClientSampleId :
VOC

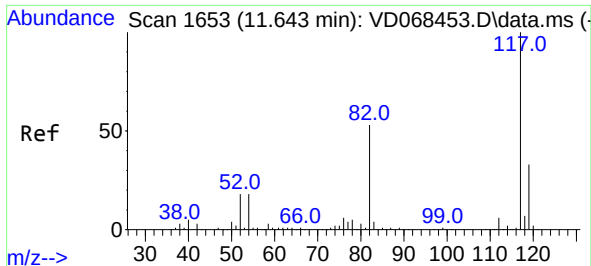
Tgt Ion: 98 Resp: 827063
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.17 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068509.D
Acq: 03 Mar 2021 13:28

Tgt Ion: 95 Resp: 254876
Ion Ratio Lower Upper
95 100
174 84.8 0.0 172.4
176 80.9 0.0 168.4

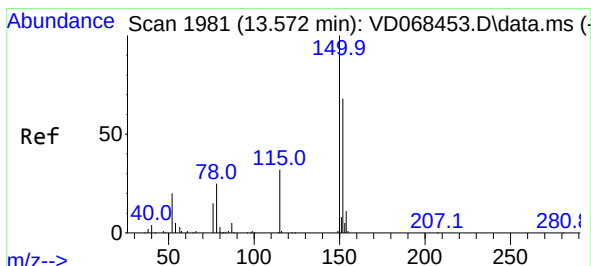
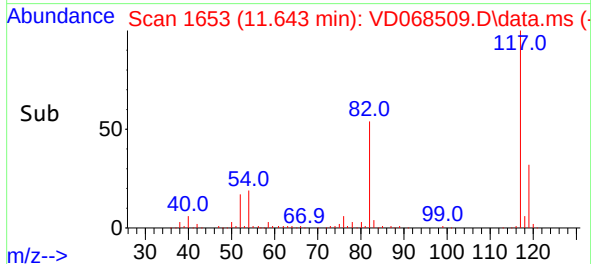
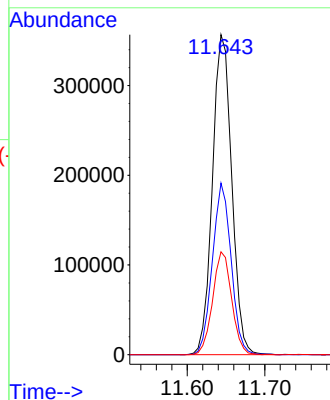
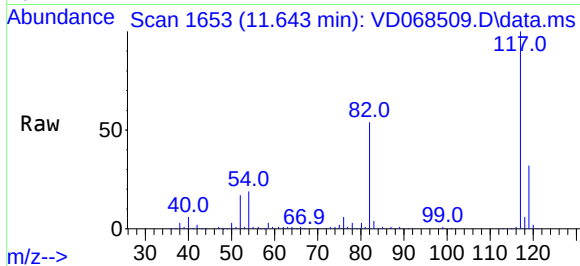




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068509.D
Acq: 03 Mar 2021 13:28

Instrument :
MSVOA_D
ClientSampled :
VOC

Tgt Ion:117 Resp: 617475
Ion Ratio Lower Upper
117 100
82 53.6 41.4 62.0
119 32.2 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: VD068509.D
Acq: 03 Mar 2021 13:28

Tgt Ion:152 Resp: 271962
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.8
150 155.8 0.0 344.4

