

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068498.D
 Acq On : 02 Mar 2021 16:10
 Operator : VA/SY
 Sample : M1543-02
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Mar 02 23:59:00 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	11949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	18942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	18197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	8295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	8136	68.15	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.30%
35) Dibromofluoromethane	7.920	113	5040	44.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.34%
50) Toluene-d8	10.338	98	23014	50.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.28%
62) 4-Bromofluorobenzene	12.632	95	7244	49.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.90%

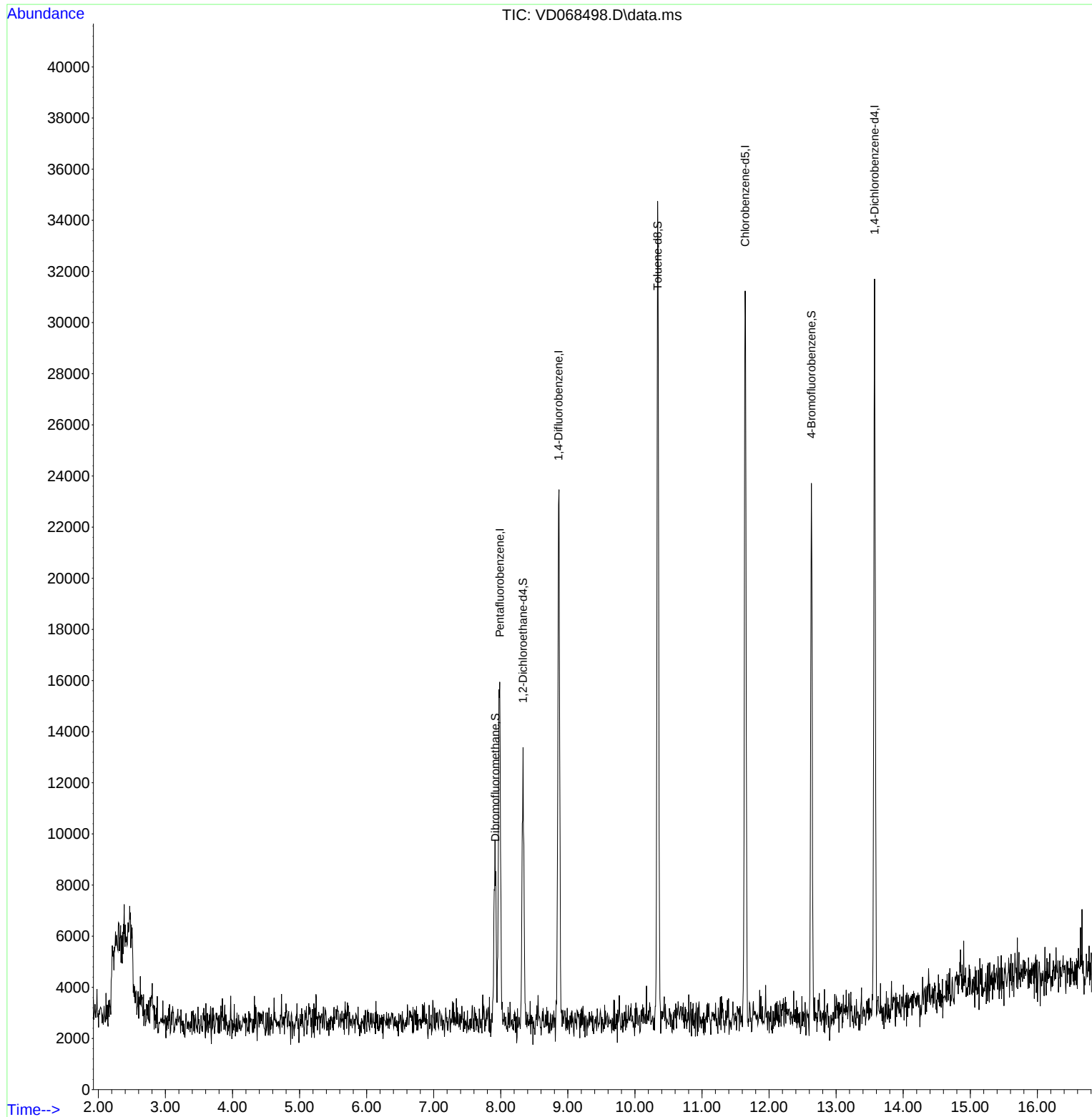
Target Compounds	Qvalue

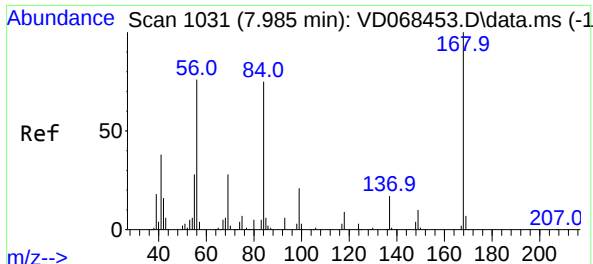
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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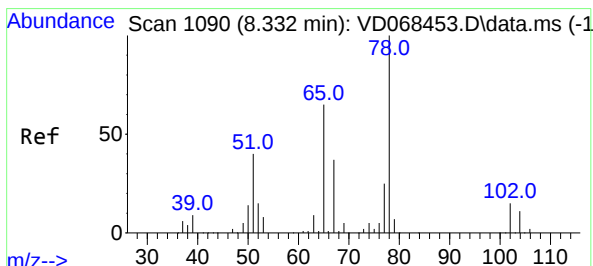
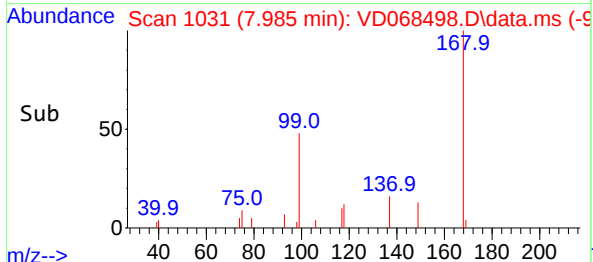
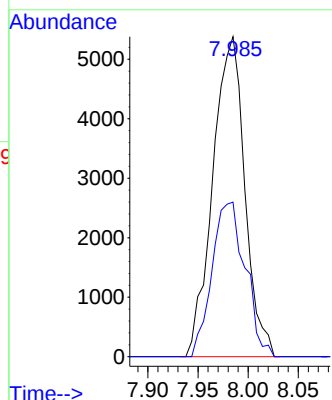
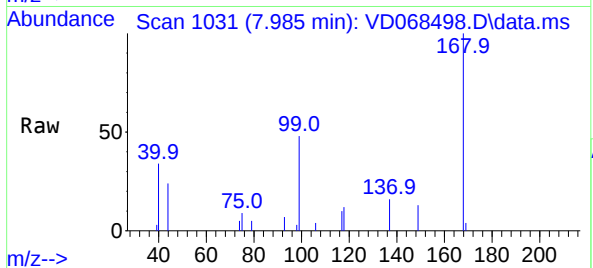




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD068498.D
 Acq: 02 Mar 2021 16:10

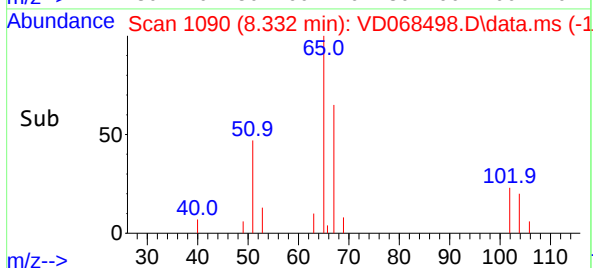
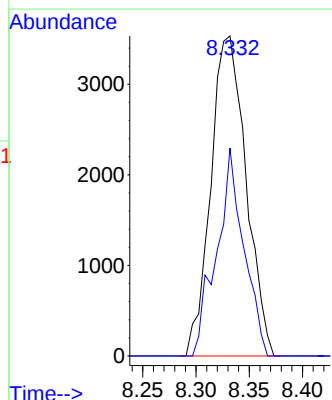
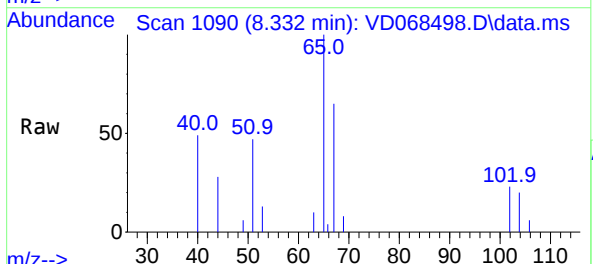
Instrument :
 MSVOA_D
 ClientSampled :
 VOC

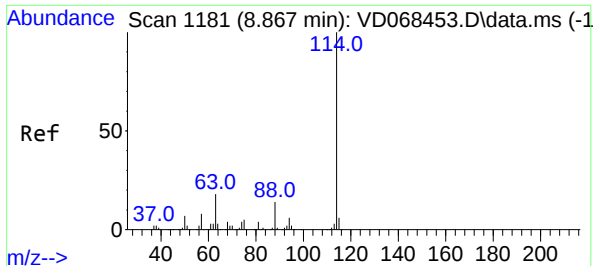
Tgt Ion:168 Resp: 11949
 Ion Ratio Lower Upper
 168 100
 99 48.3 43.5 65.3



1,2-Dichloroethane-d4
 Concen: 68.15 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD068498.D
 Acq: 02 Mar 2021 16:10

Tgt Ion: 65 Resp: 8136
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 105.0



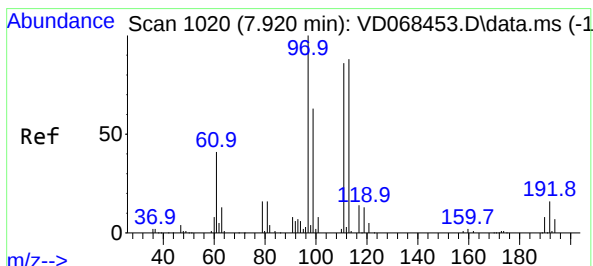
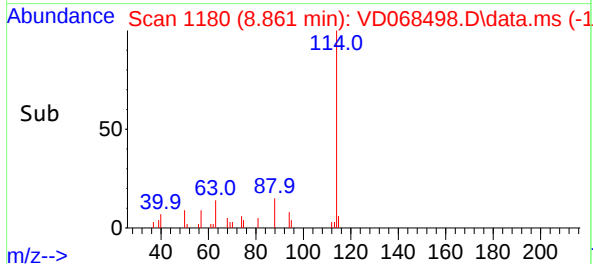
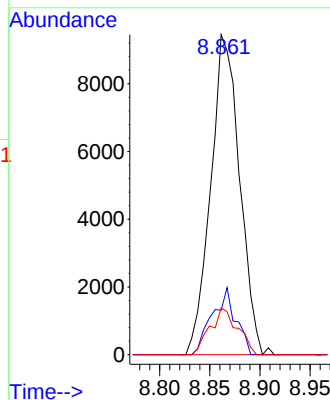
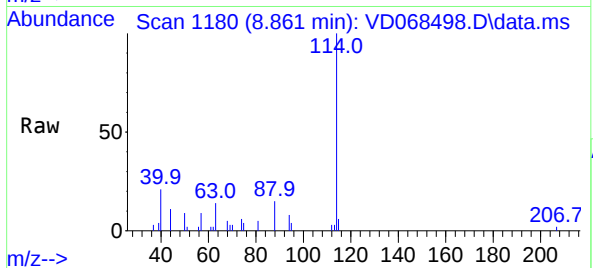


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

Instrument :
MSVOA_D
ClientSampled :
VOC

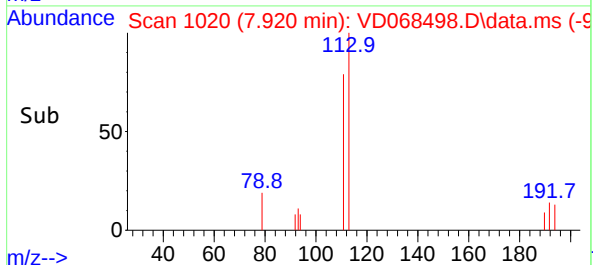
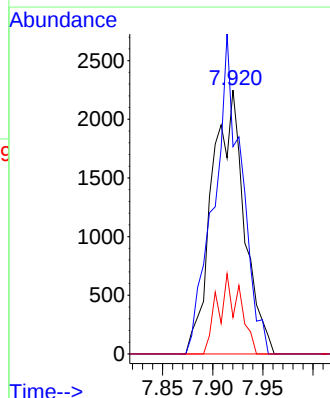
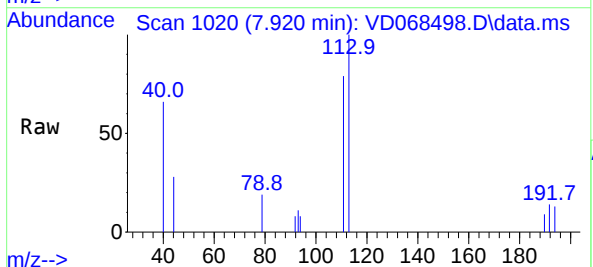
Tgt Ion:	114	Resp:	18942
Ion	Ratio	Lower	Upper
114	100		
63	13.9	0.0	34.8
88	14.6	0.0	31.6

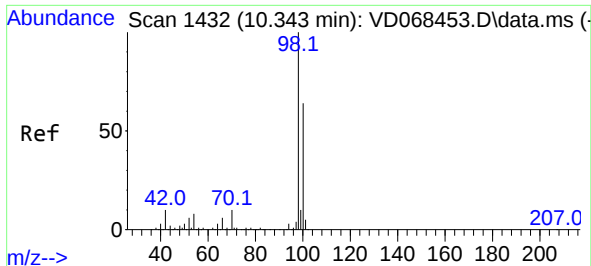


#35

Dibromofluoromethane
Concen: 44.17 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

Tgt Ion:	113	Resp:	5040
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	20.8	16.1	24.1

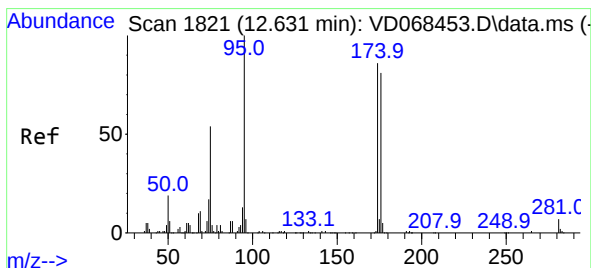
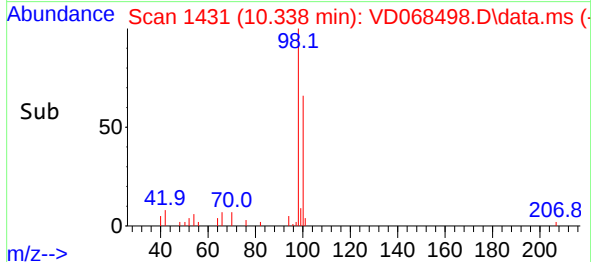
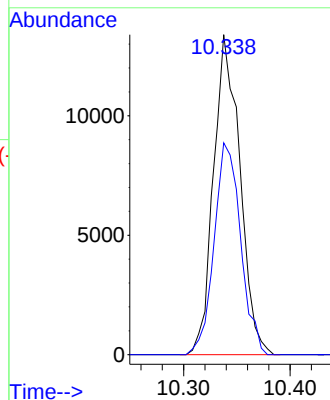
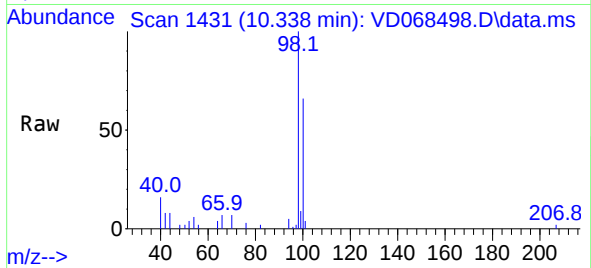




#50
Toluene-d8
Concen: 50.64 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

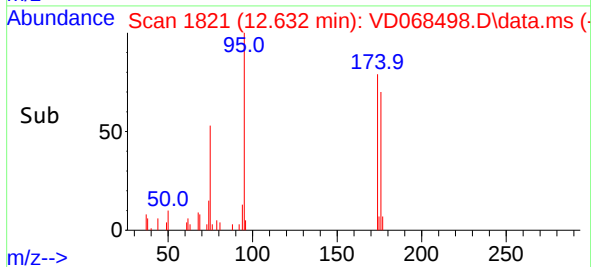
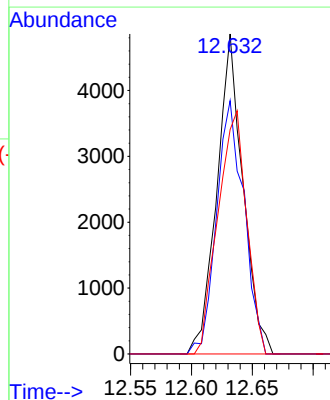
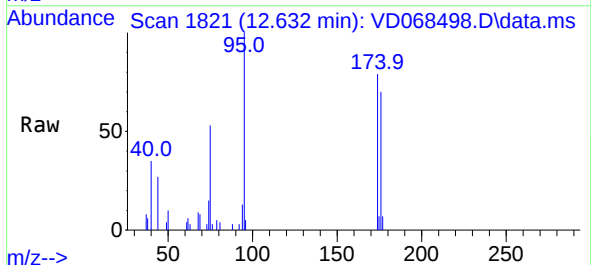
Instrument :
MSVOA_D
ClientSampled :
VOC

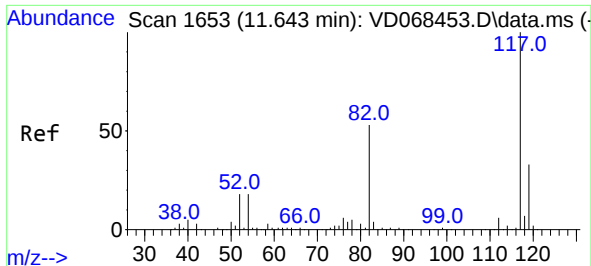
Tgt Ion: 98 Resp: 23014
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

Tgt Ion: 95 Resp: 7244
Ion Ratio Lower Upper
95 100
174 82.8 0.0 172.4
176 83.6 0.0 168.4

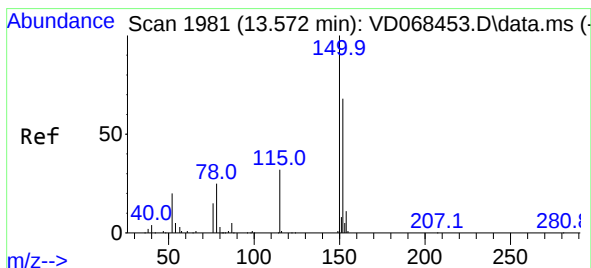
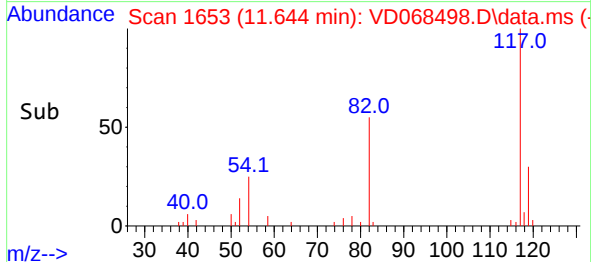
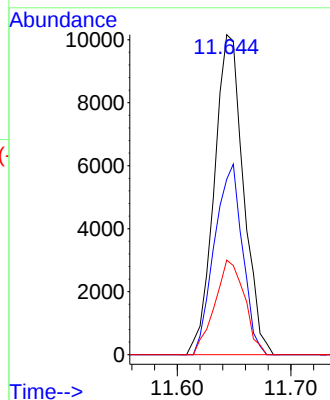
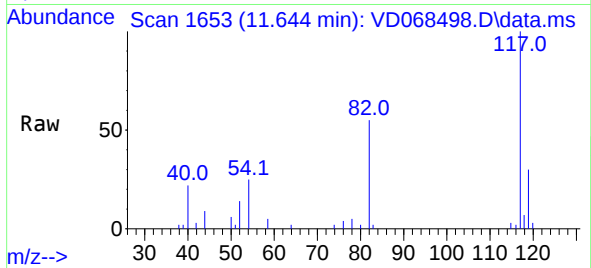




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068498.D
Acq: 02 Mar 2021 16:10

Instrument :
MSVOA_D
ClientSampled :
VOC

Tgt Ion:117 Resp: 18197
Ion Ratio Lower Upper
117 100
82 54.8 41.4 62.0
119 29.6 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: VD068498.D
Acq: 02 Mar 2021 16:10

Tgt Ion:152 Resp: 8295
Ion Ratio Lower Upper
152 100
115 62.6 28.9 86.8
150 151.3 0.0 344.4

