

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068494.D
 Acq On : 02 Mar 2021 14:18
 Operator : VA/SY
 Sample : M1543-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Mar 02 23:57:56 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	7.985	168	12482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	20975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	20703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	9460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	8369	67.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.22%
35) Dibromofluoromethane	7.908	113	5931	46.94	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.88%
50) Toluene-d8	10.338	98	23766	47.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.44%
62) 4-Bromofluorobenzene	12.632	95	7935	48.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.84%

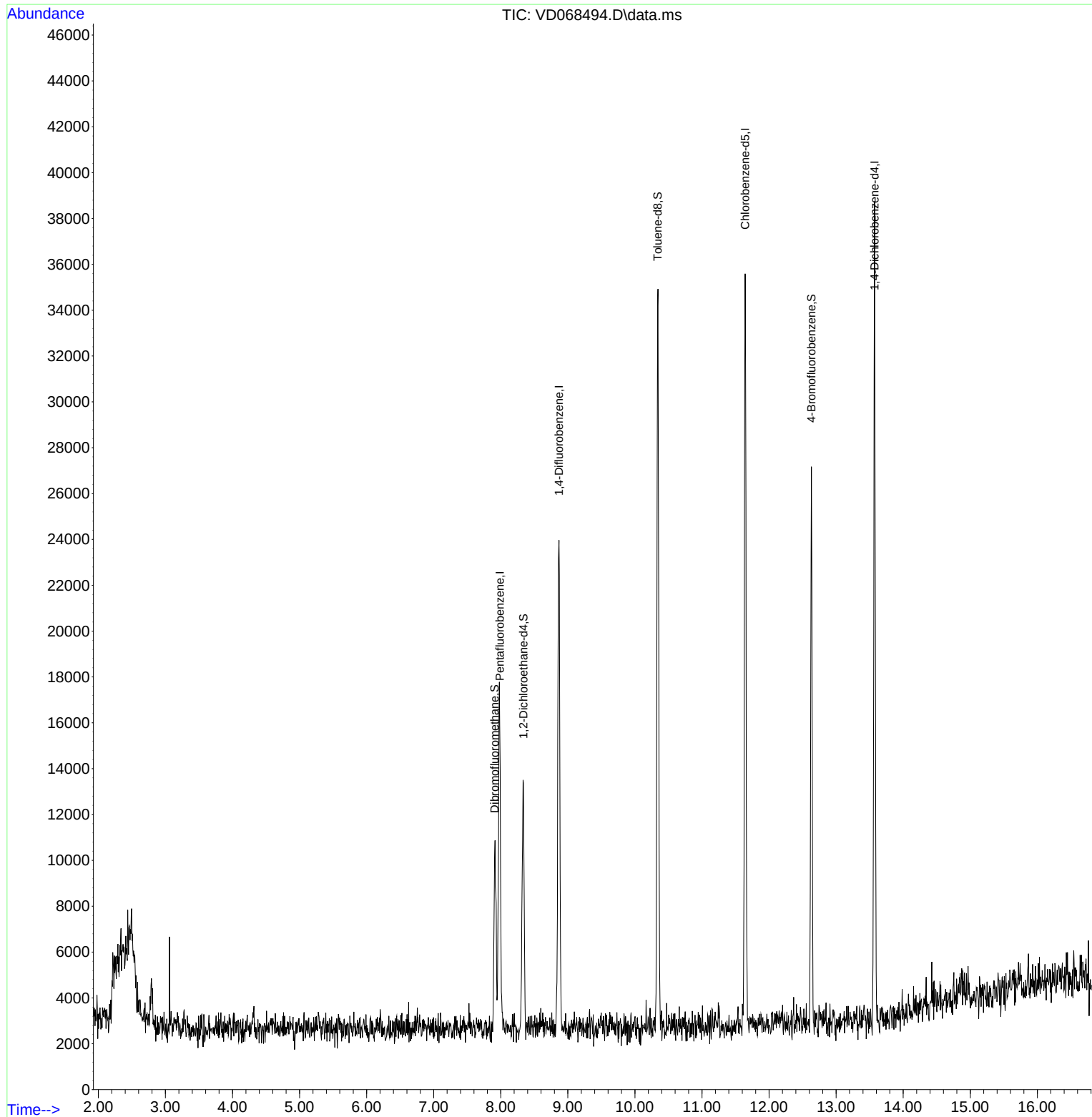
Target Compounds	Qvalue

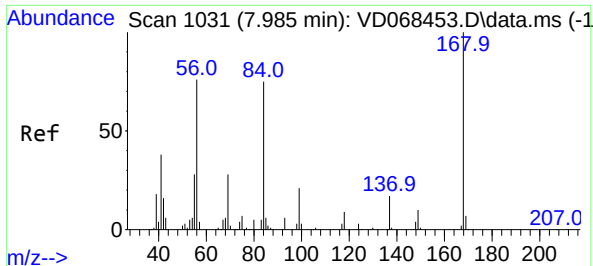
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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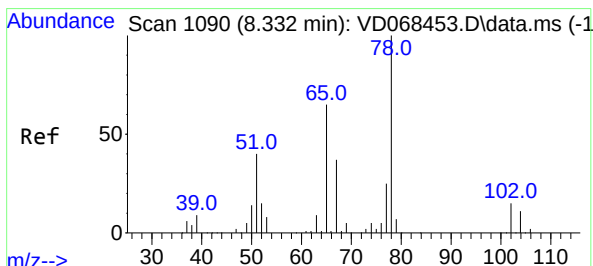
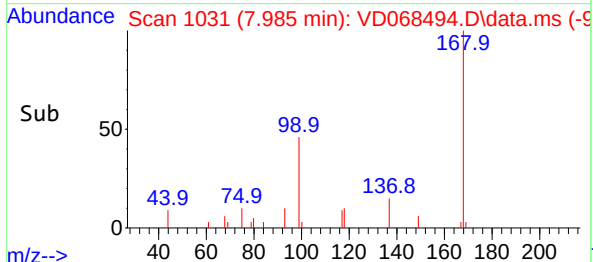
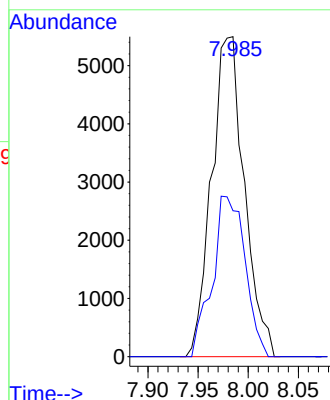
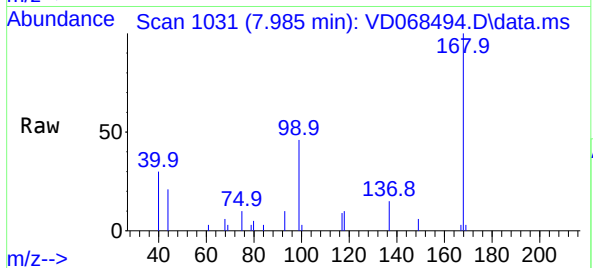




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD068494.D
 Acq: 02 Mar 2021 14:18

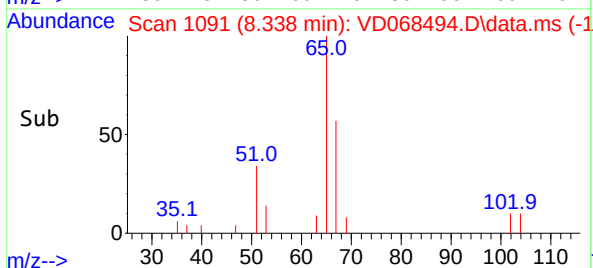
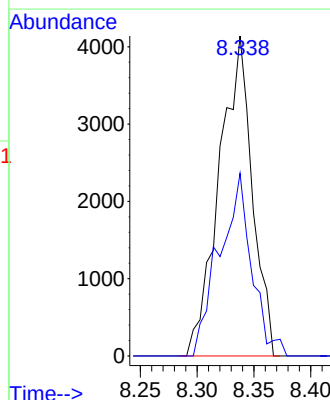
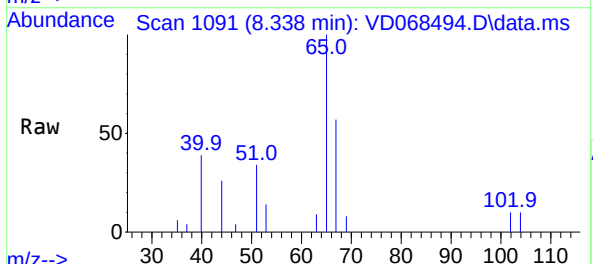
Instrument :
 MSVOA_D
 ClientSampled :
 VOC

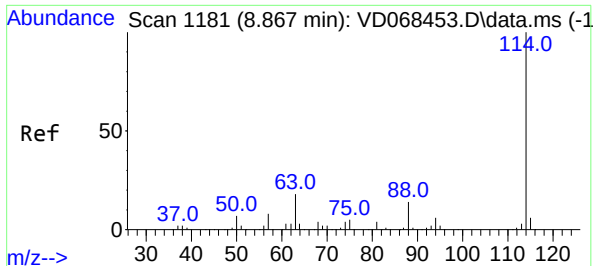
Tgt Ion:168 Resp: 12482
 Ion Ratio Lower Upper
 168 100
 99 45.6 43.5 65.3



1,2-Dichloroethane-d4
 Concen: 67.11 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VD068494.D
 Acq: 02 Mar 2021 14:18

Tgt Ion: 65 Resp: 8369
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 105.0

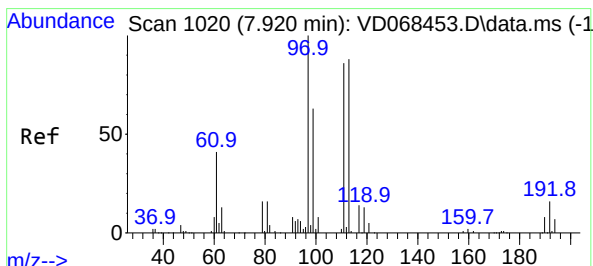
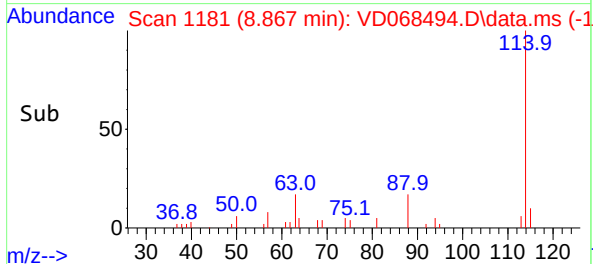
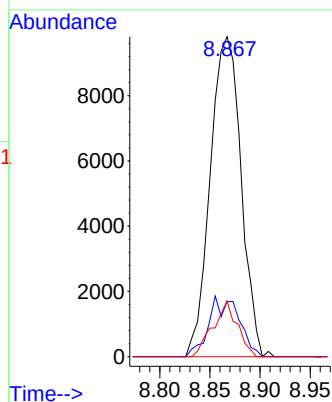
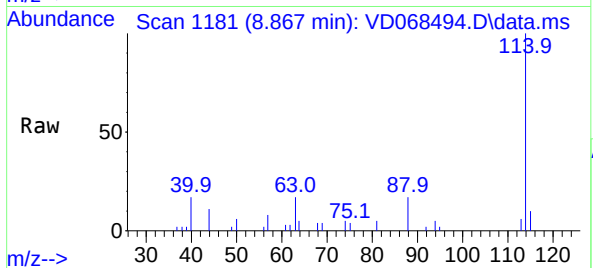




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

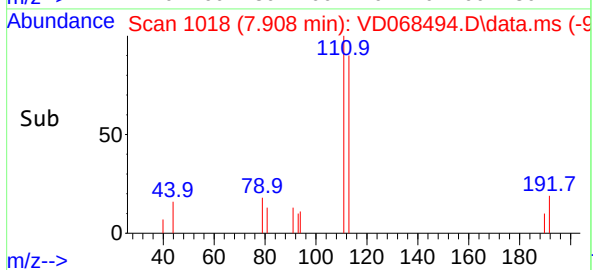
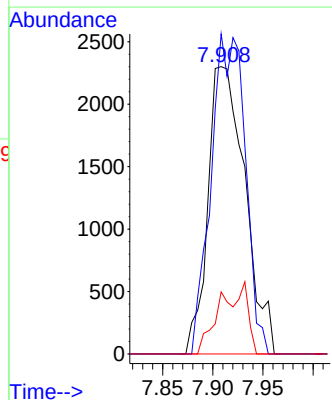
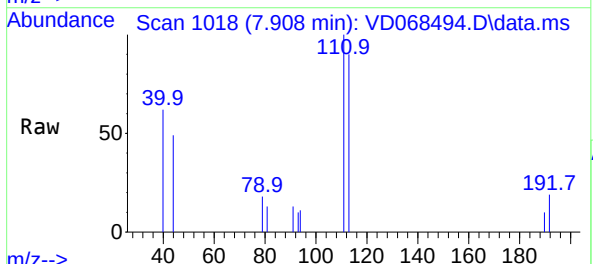
Instrument :
MSVOA_D
ClientSampled :
VOC

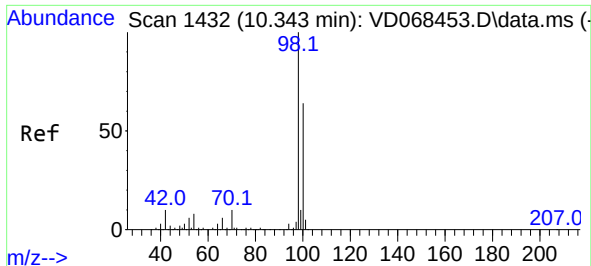
Tgt Ion:	114	Resp:	20975
Ion Ratio	Lower	Upper	
114	100		
63	17.2	0.0	34.8
88	17.4	0.0	31.6



#35
Dibromofluoromethane
Concen: 46.94 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

Tgt Ion:	113	Resp:	5931
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.4	122.0
192	11.2	16.1	24.1#

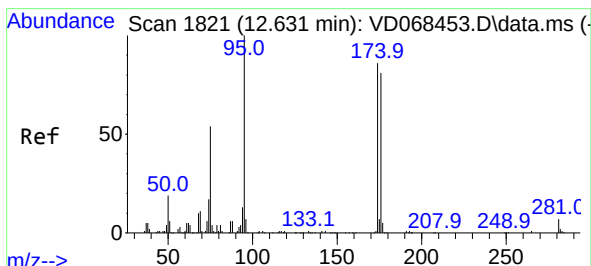
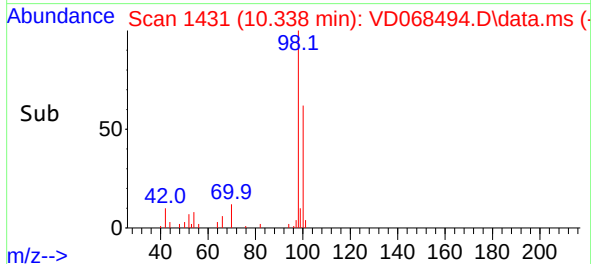
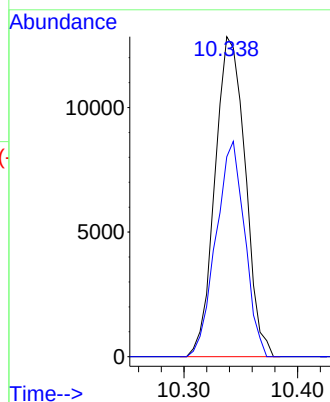
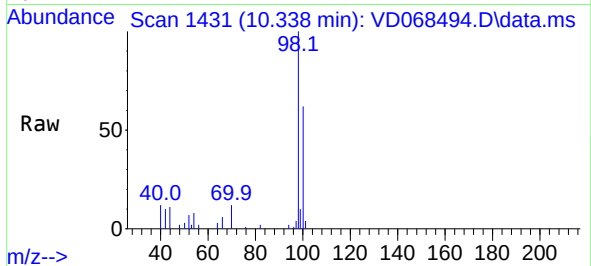




#50
Toluene-d8
Concen: 47.22 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

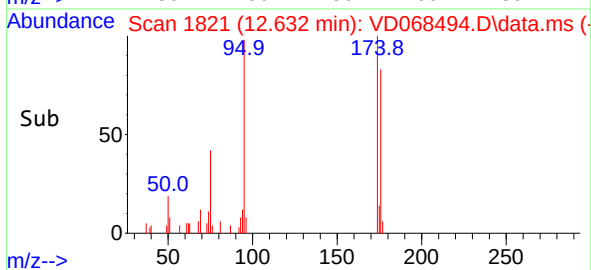
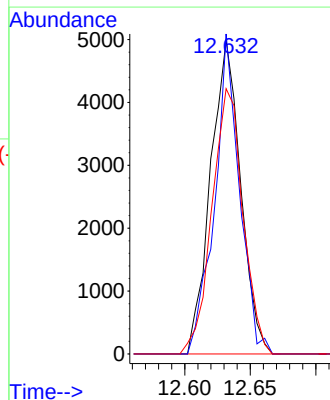
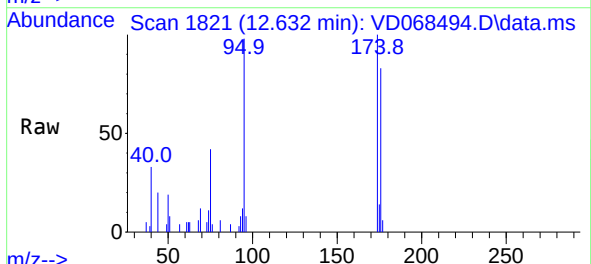
Instrument :
MSVOA_D
ClientSampled :
VOC

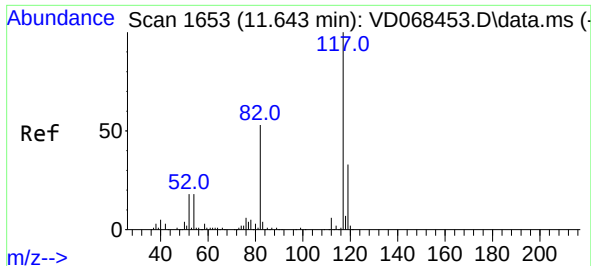
Tgt Ion: 98 Resp: 23766
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

Tgt Ion: 95 Resp: 7935
Ion Ratio Lower Upper
95 100
174 84.5 0.0 172.4
176 87.1 0.0 168.4

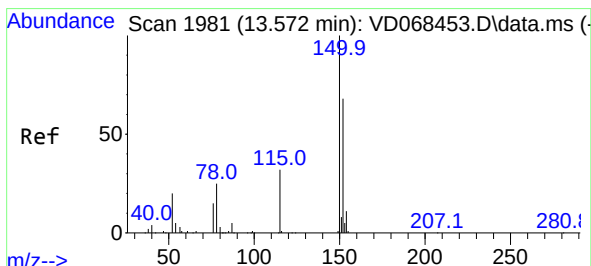
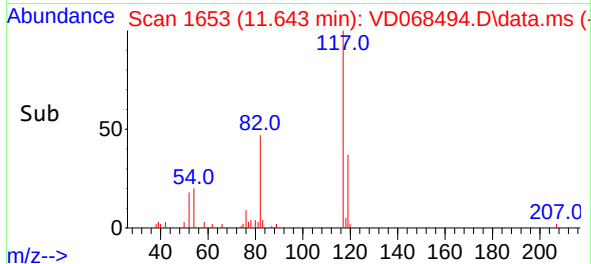
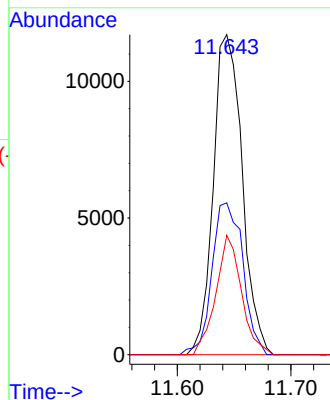
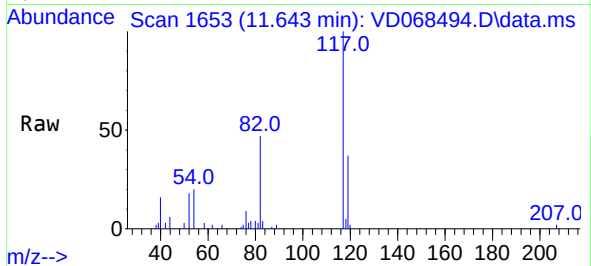




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

Instrument :
MSVOA_D
ClientSampled :
VOC

Tgt Ion:	117	Resp:	20703
Ion	Ratio	Lower	Upper
117	100		
82	47.5	41.4	62.0
119	37.3	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: VD068494.D
Acq: 02 Mar 2021 14:18

Tgt Ion:	152	Resp:	9460
Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.9	86.8
150	156.0	0.0	344.4

