

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068586.D
 Acq On : 11 Mar 2021 15:41
 Operator : VA/SY
 Sample : M1625-04
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-2

Quant Time: Mar 12 00:12:47 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	5569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	10264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	9498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	4954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	3562	64.02	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.04%	
35) Dibromofluoromethane	7.908	113	2464	39.85	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.70%	
50) Toluene-d8	10.344	98	11686	47.45	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.90%	
62) 4-Bromofluorobenzene	12.632	95	3553	44.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.52%	

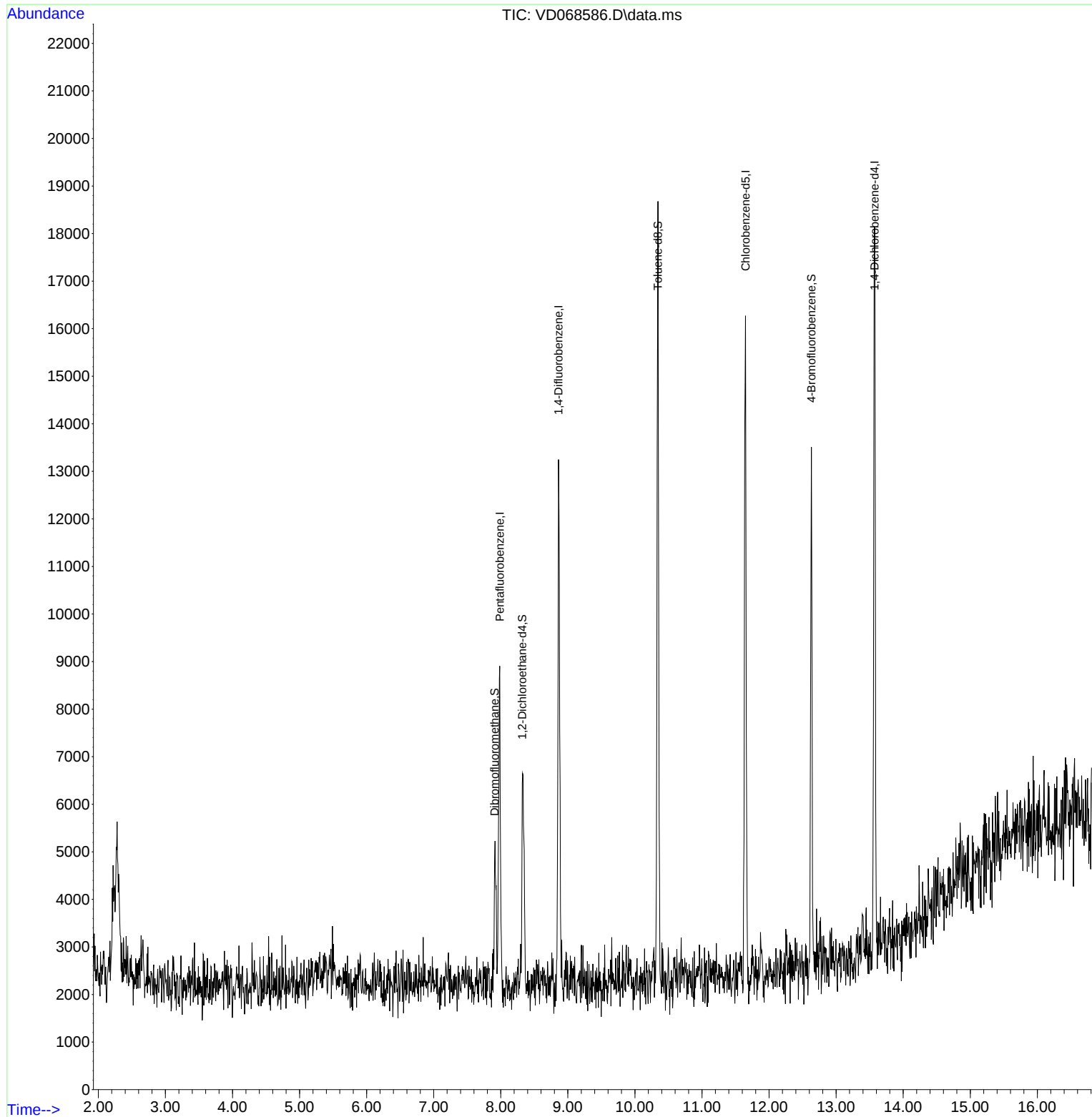
Target Compounds	Qvalue

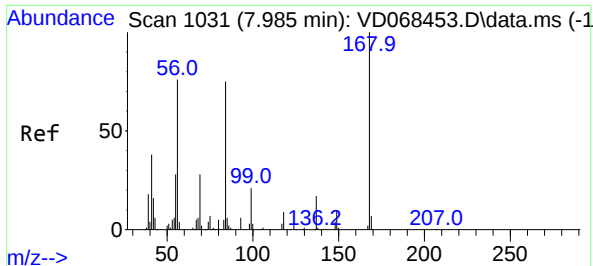
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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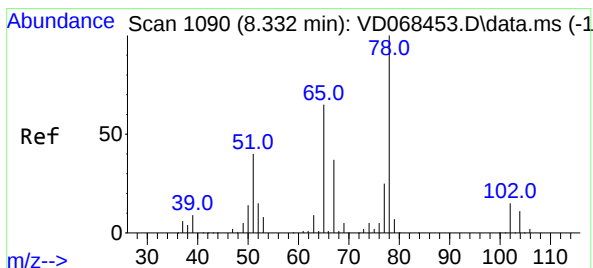
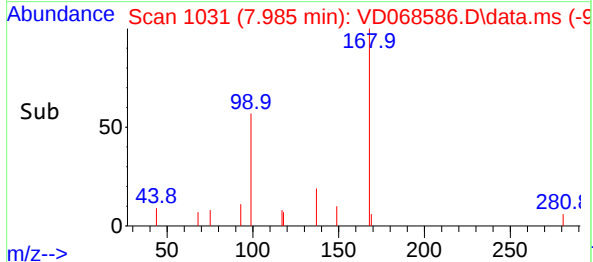
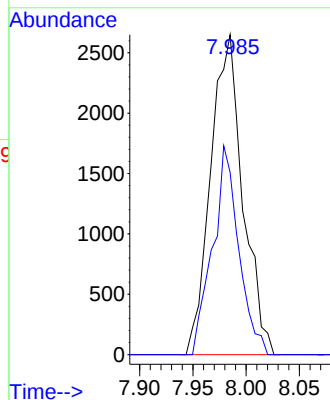
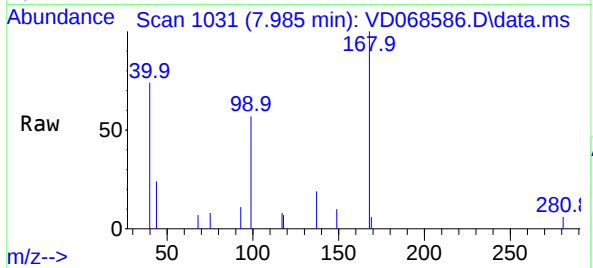




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068586.D
Acq: 11 Mar 2021 15:41

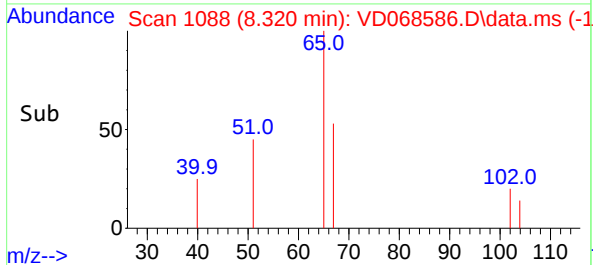
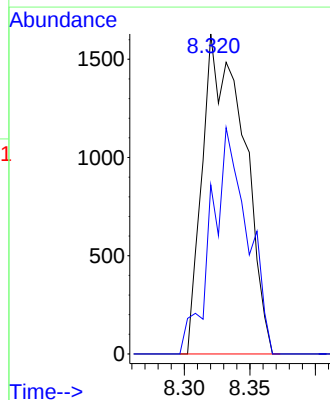
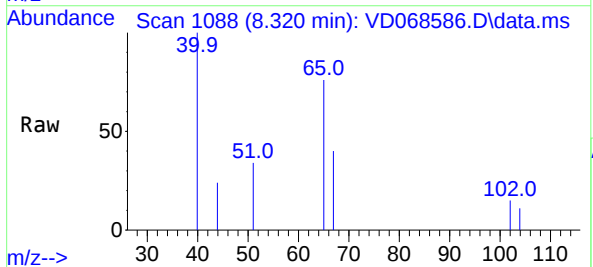
Instrument :
MSVOA_D
ClientSampled :
SP-1-2

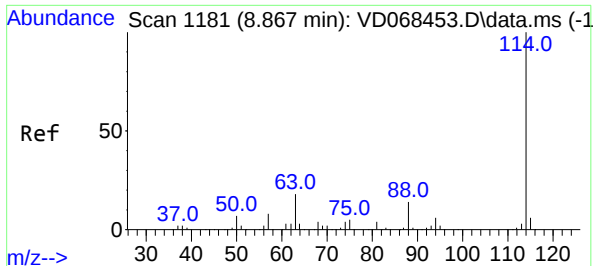
Tgt Ion:168 Resp: 5569
Ion Ratio Lower Upper
168 100
99 56.9 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 64.02 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.011 min
Lab File: VD068586.D
Acq: 11 Mar 2021 15:41

Tgt Ion: 65 Resp: 3562
Ion Ratio Lower Upper
65 100
67 61.9 0.0 105.0

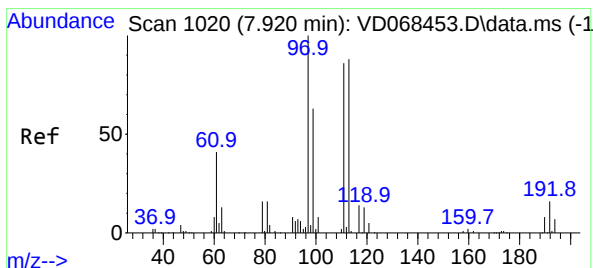
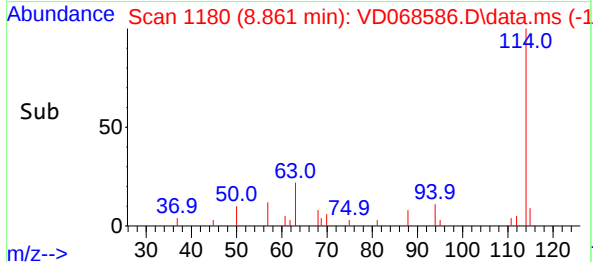
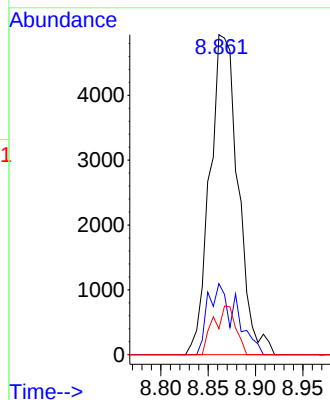
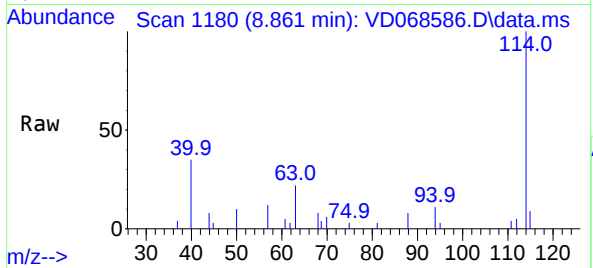




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068586.D
Acq: 11 Mar 2021 15:41

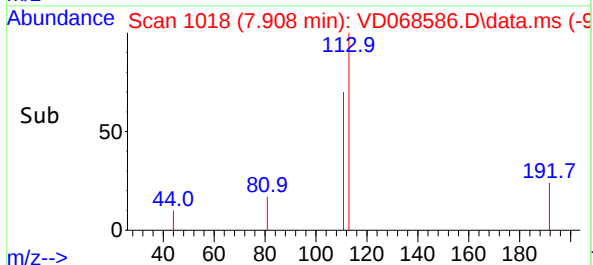
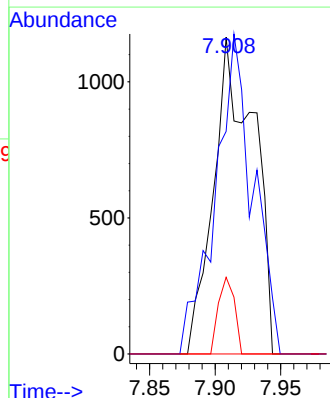
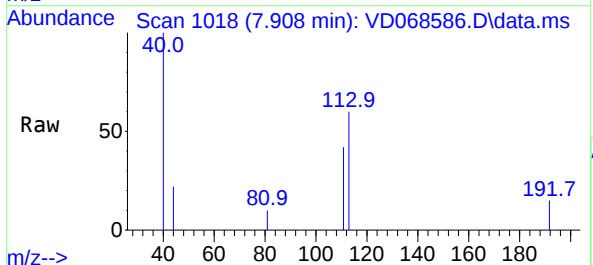
Instrument :
MSVOA_D
ClientSampled :
SP-1-2

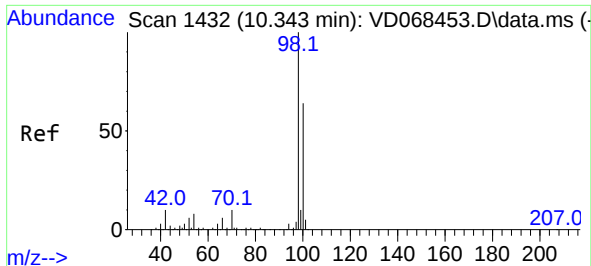
Tgt Ion:	114	Resp:	10264
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	34.8
88	8.1	0.0	31.6



#35
Dibromofluoromethane
Concen: 39.85 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.011 min
Lab File: VD068586.D
Acq: 11 Mar 2021 15:41

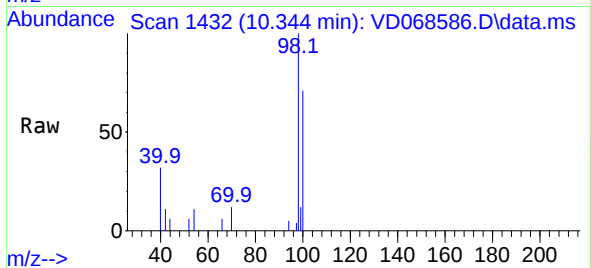
Tgt Ion:	113	Resp:	2464
Ion	Ratio	Lower	Upper
113	100		
111	95.4	81.4	122.0
192	9.7	16.1	24.1#



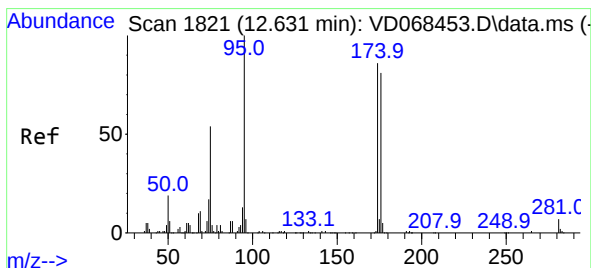
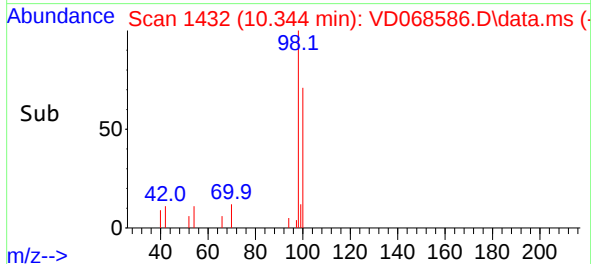
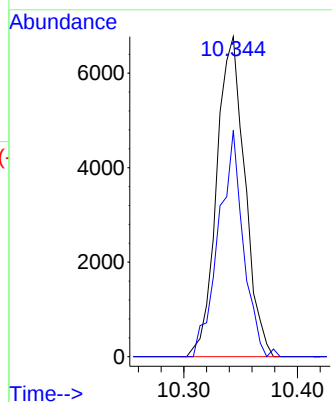


#50
Toluene-d8
Concen: 47.45 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068586.D
Acq: 11 Mar 2021 15:41

Instrument :
MSVOA_D
ClientSampled :
SP-1-2

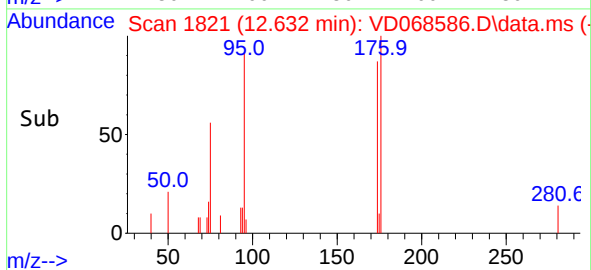
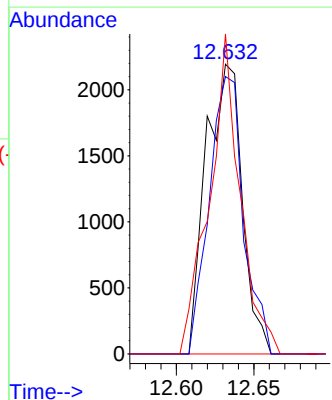
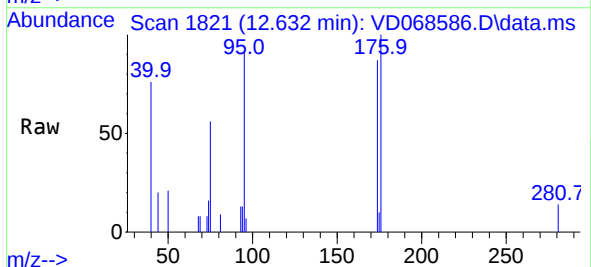


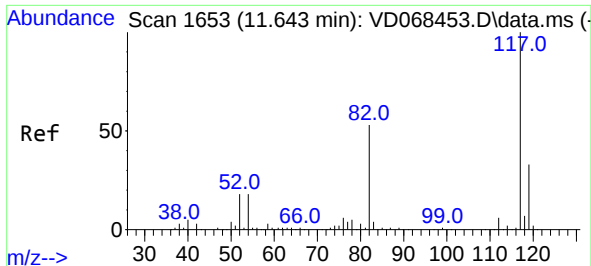
Tgt Ion: 98 Resp: 11686
Ion Ratio Lower Upper
98 100
100 62.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 44.76 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068586.D
Acq: 11 Mar 2021 15:41

Tgt Ion: 95 Resp: 3553
Ion Ratio Lower Upper
95 100
174 90.9 0.0 172.4
176 94.1 0.0 168.4

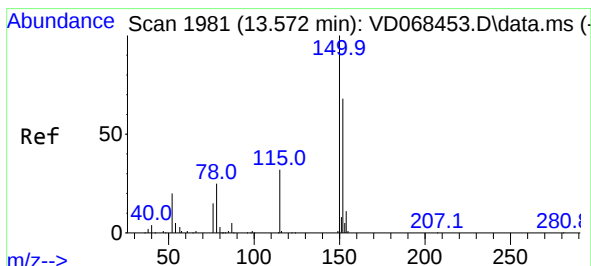
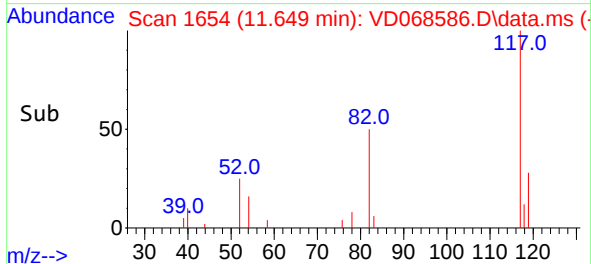
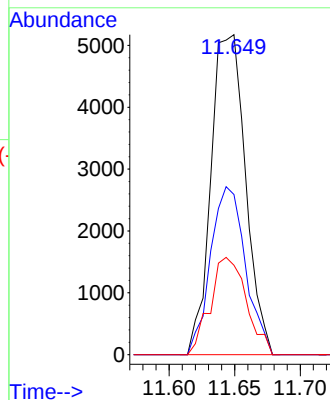
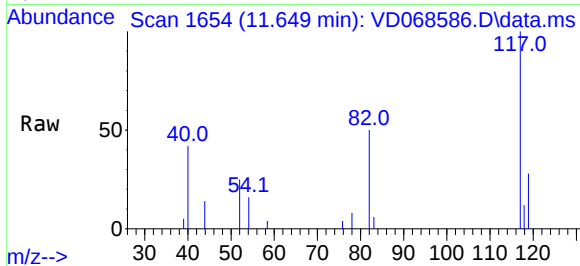




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.006 min
Lab File: VD068586.D
Acq: 11 Mar 2021 15:41

Instrument :
MSVOA_D
ClientSampled :
SP-1-2

Tgt Ion:	117	Resp:	9498
Ion Ratio	Lower	Upper	
117	100		
82	50.1	41.4	62.0
119	28.0	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: VD068586.D
Acq: 11 Mar 2021 15:41

Tgt Ion:	152	Resp:	4954
Ion Ratio	Lower	Upper	
152	100		
115	54.4	28.9	86.8
150	153.6	0.0	344.4

