

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022521\
 Data File : VD068441.D
 Acq On : 25 Feb 2021 10:57
 Operator : VA/SY
 Sample : VD0225SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0225SBL01

Quant Time: Feb 26 00:27:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	374094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	706466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	660957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	294782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	202146	52.86	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.72%	
35) Dibromofluoromethane	7.914	113	213471	50.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.82%	
50) Toluene-d8	10.338	98	884007	50.86	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.72%	
62) 4-Bromofluorobenzene	12.632	95	280362	49.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.04%	

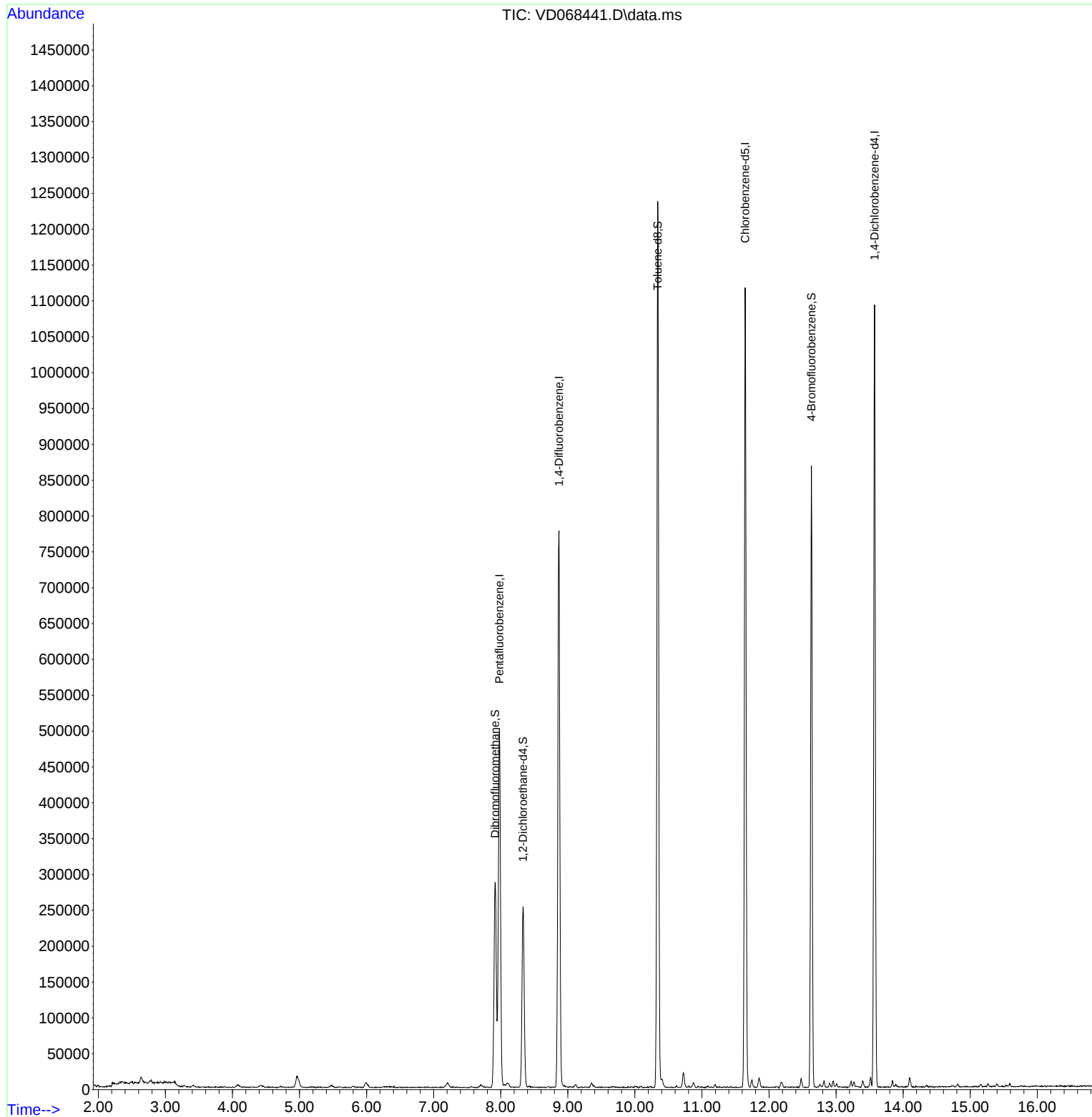
Target Compounds	Qvalue

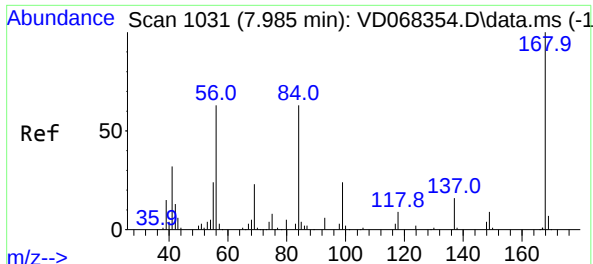
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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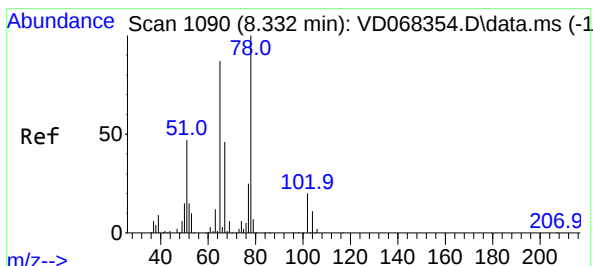
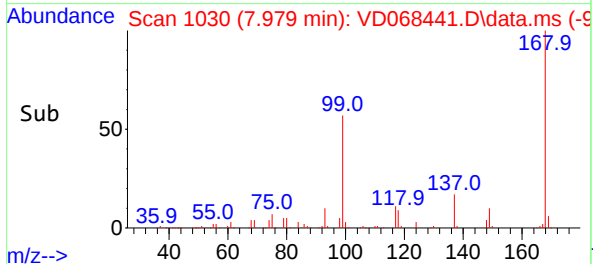
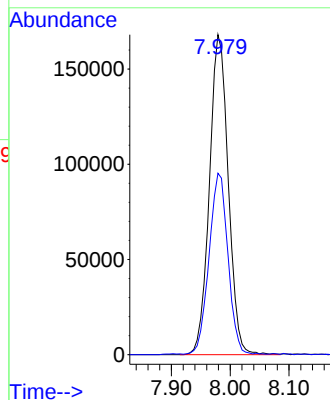
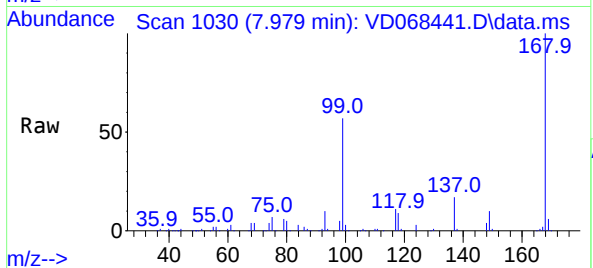




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068441.D
Acq: 25 Feb 2021 10:57

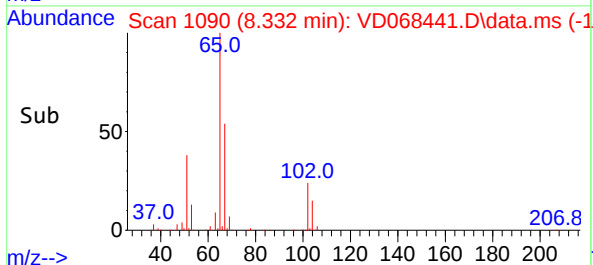
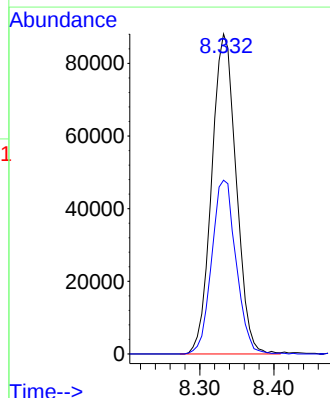
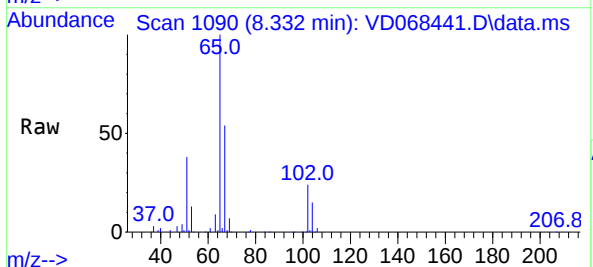
Instrument :
MSVOA_D
ClientSampleId :
VD0225SBL01

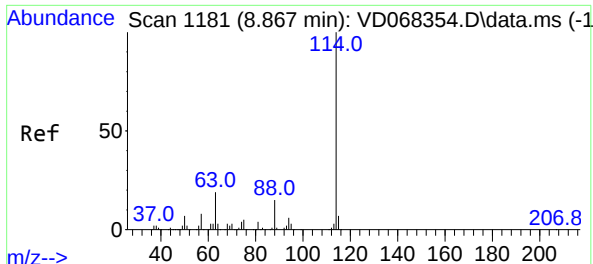
Tgt Ion:168 Resp: 374094
Ion Ratio Lower Upper
168 100
99 56.6 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.86 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068441.D
Acq: 25 Feb 2021 10:57

Tgt Ion: 65 Resp: 202146
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.0



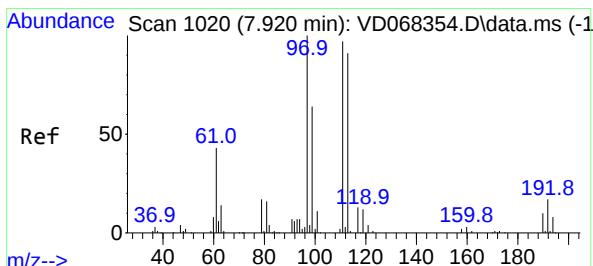
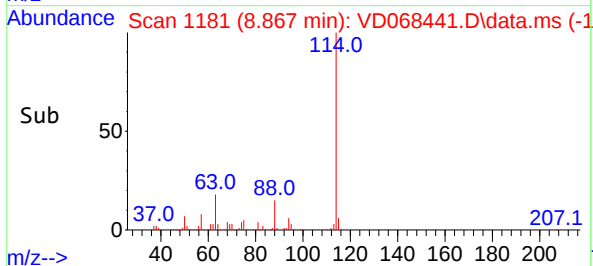
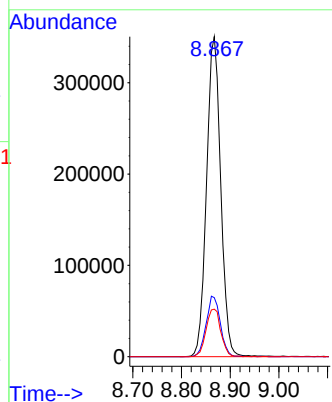
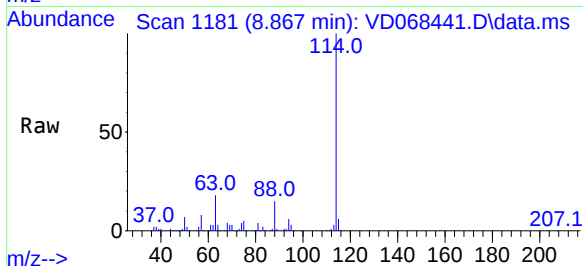


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068441.D
Acq: 25 Feb 2021 10:57

Instrument :
MSVOA_D
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VD0225SBL01

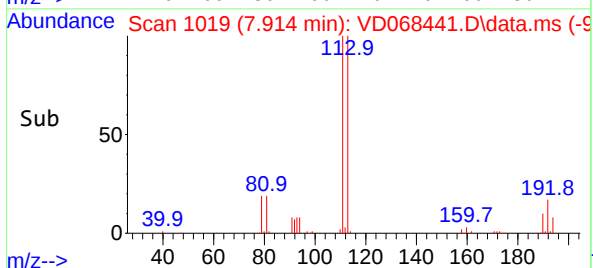
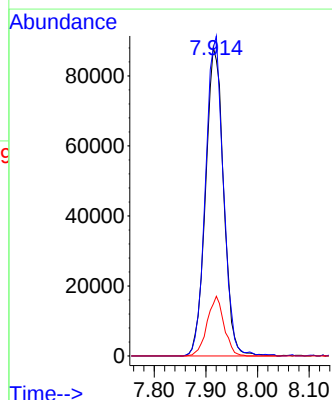
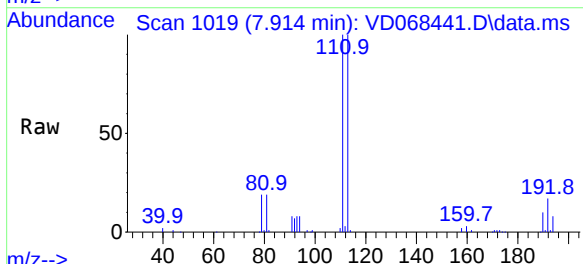
Tgt Ion:	114	Resp:	706466
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.8
88	14.8	0.0	31.6

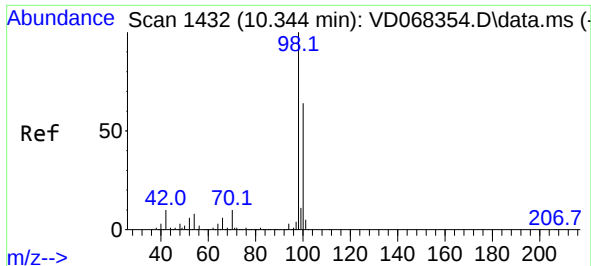


#35

Dibromofluoromethane
Concen: 50.91 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068441.D
Acq: 25 Feb 2021 10:57

Tgt Ion:	113	Resp:	213471
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	18.1	16.1	24.1

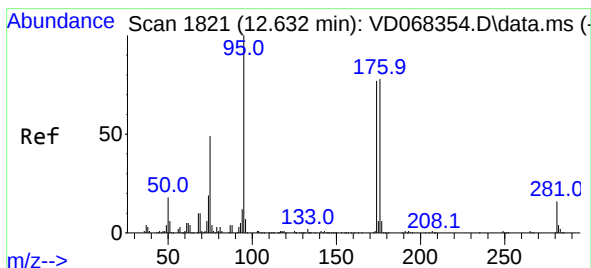
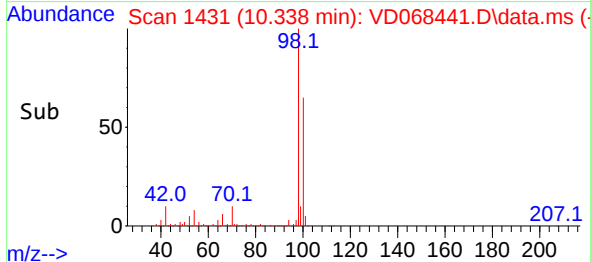
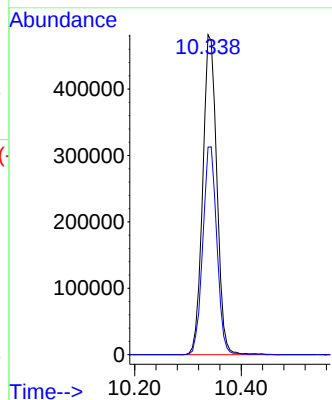
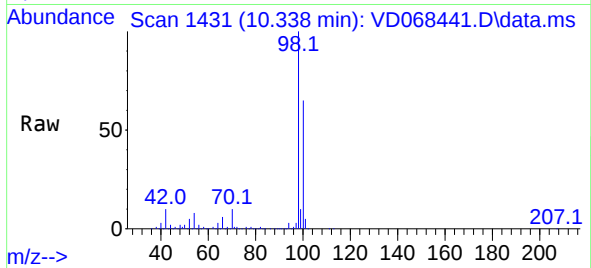




#50
Toluene-d8
Concen: 50.86 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068441.D
Acq: 25 Feb 2021 10:57

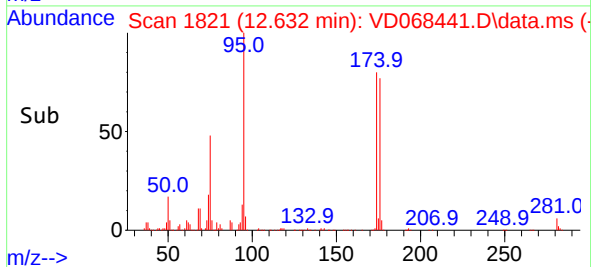
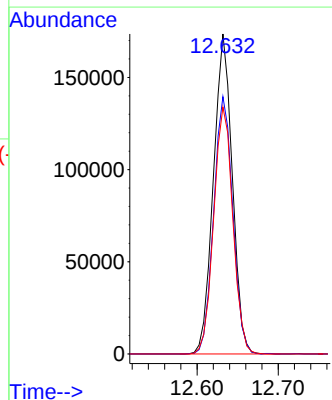
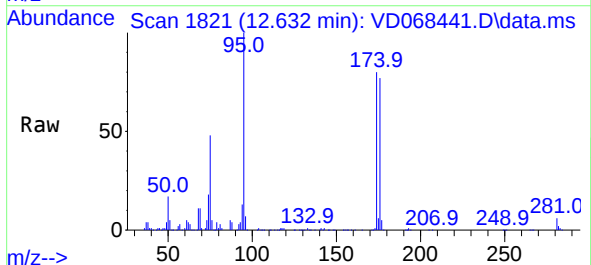
Instrument :
MSVOA_D
ClientSampleId :
VD0225SBL01

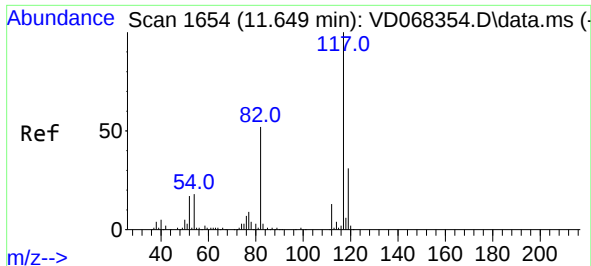
Tgt Ion: 98 Resp: 884007
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.52 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068441.D
Acq: 25 Feb 2021 10:57

Tgt Ion: 95 Resp: 280362
Ion Ratio Lower Upper
95 100
174 81.5 0.0 172.4
176 78.2 0.0 168.4

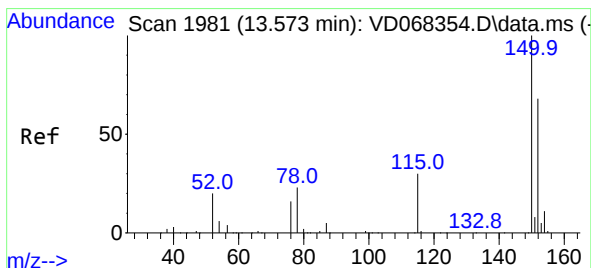
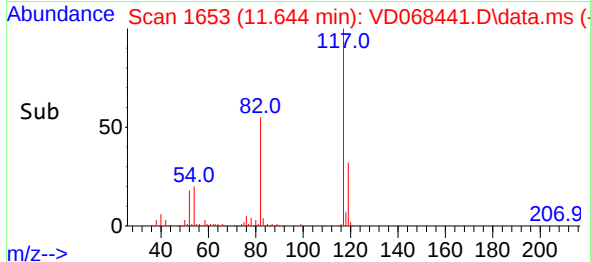
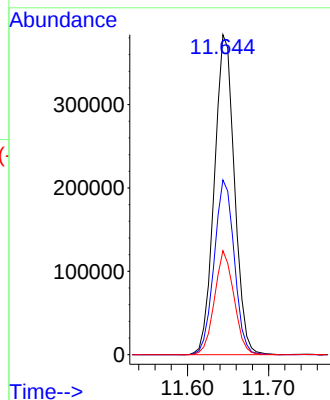
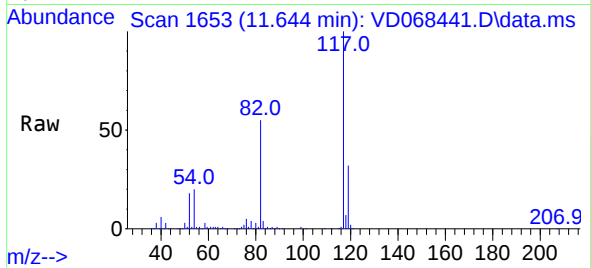




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068441.D
Acq: 25 Feb 2021 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD0225SBL01

Tgt Ion:	117	Resp:	660957
Ion	Ratio	Lower	Upper
117	100		
82	54.6	41.4	62.0
119	32.5	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068441.D
Acq: 25 Feb 2021 10:57

Tgt Ion:	152	Resp:	294782
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.9	86.8
150	157.4	0.0	344.4

