

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068684.D
 Acq On : 26 Mar 2021 15:08
 Operator : VA/SY
 Sample : M1813-02
 Misc : 5.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 L07

Quant Time: Mar 27 00:44:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	264853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	504083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	478897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	223245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	133659	50.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.10%	
35) Dibromofluoromethane	7.920	113	161419	51.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.94%	
50) Toluene-d8	10.344	98	632380	52.30	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.60%	
62) 4-Bromofluorobenzene	12.632	95	215899	55.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.14%	

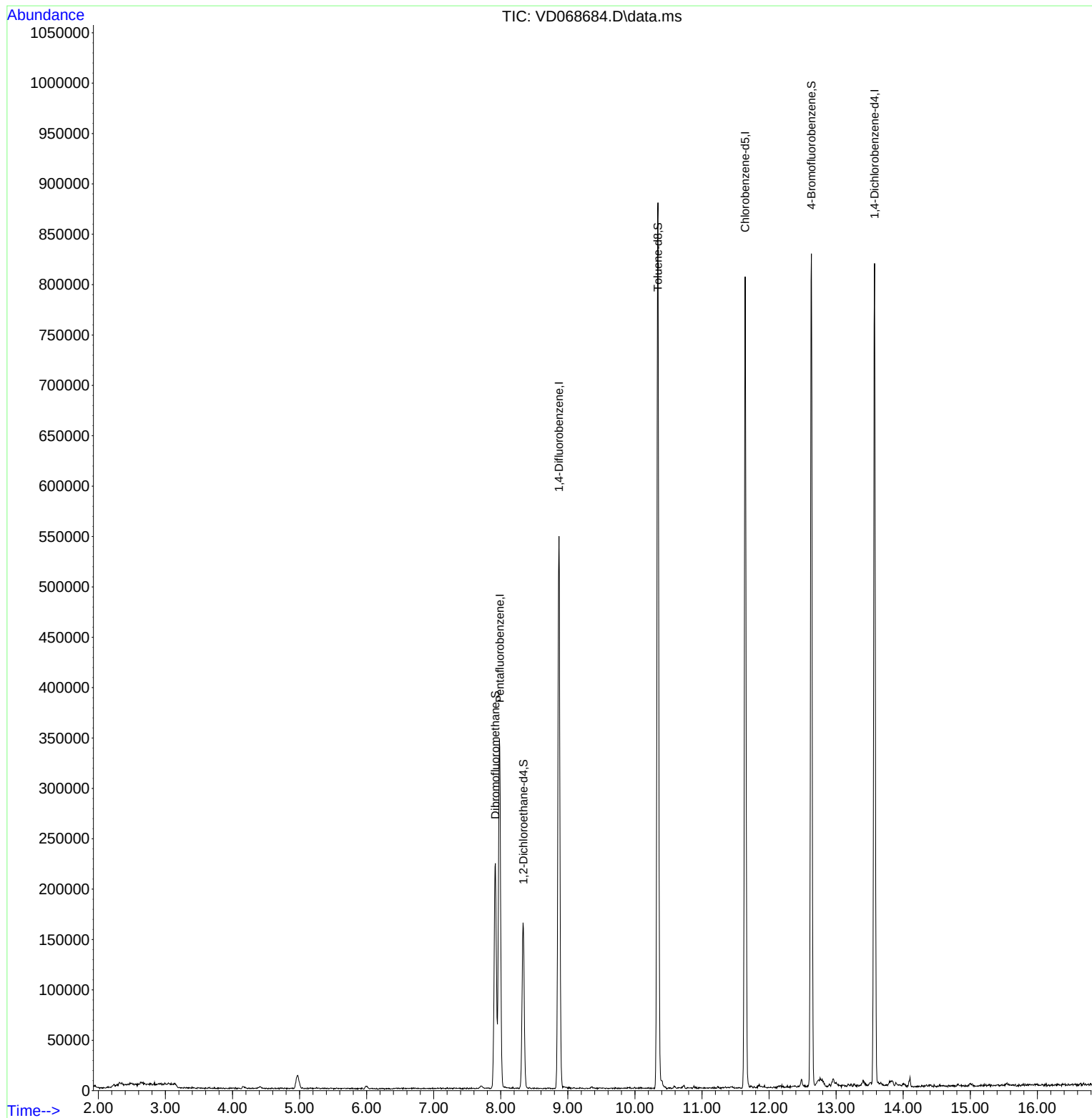
Target Compounds	Qvalue

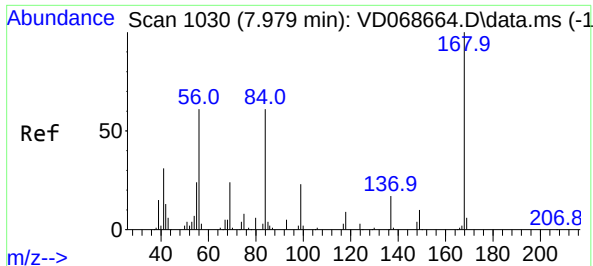
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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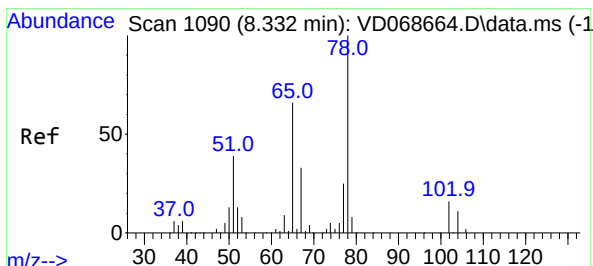
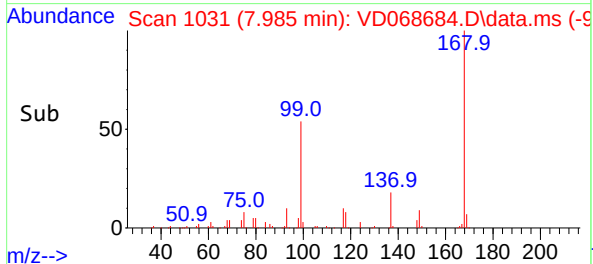
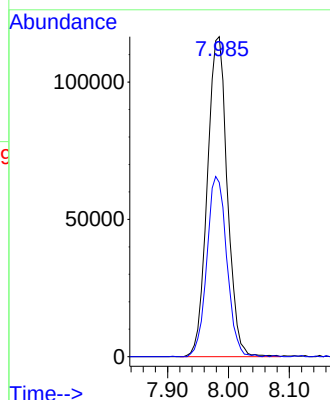
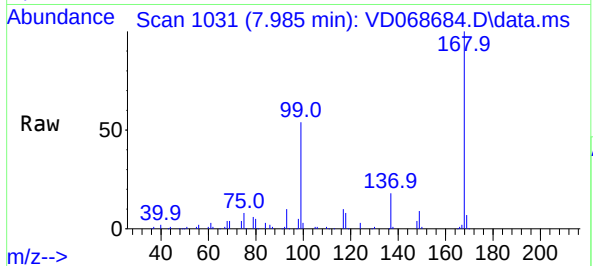




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

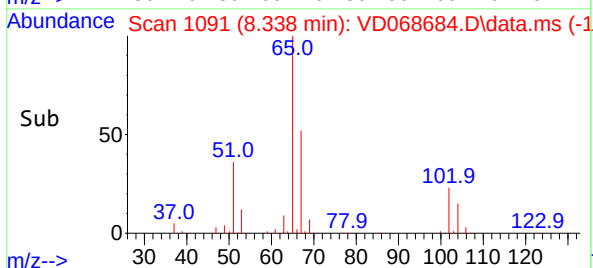
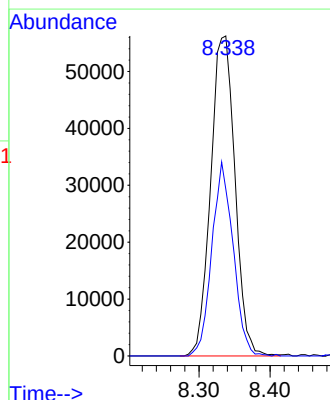
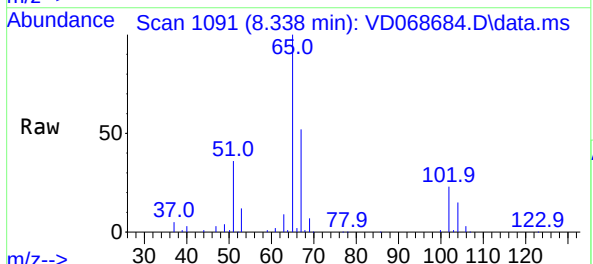
Instrument :
MSVOA_D
ClientSampled :
L07

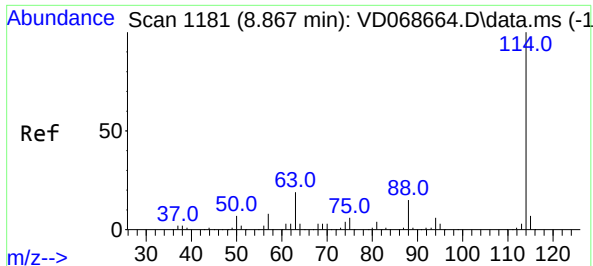
Tgt Ion:168 Resp: 264853
Ion Ratio Lower Upper
168 100
99 54.5 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 50.05 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

Tgt Ion: 65 Resp: 133659
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.0

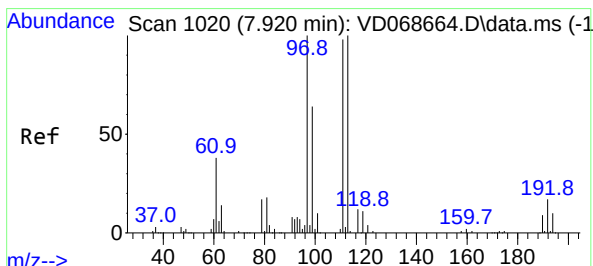
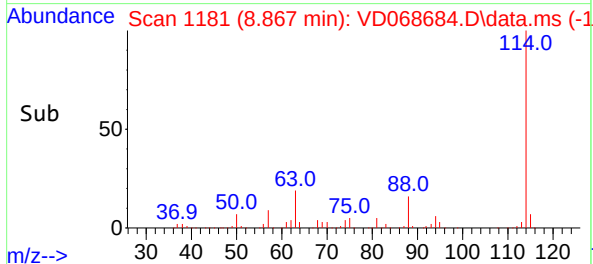
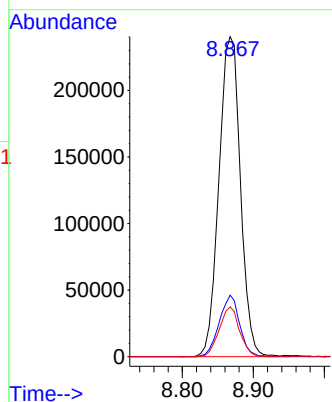
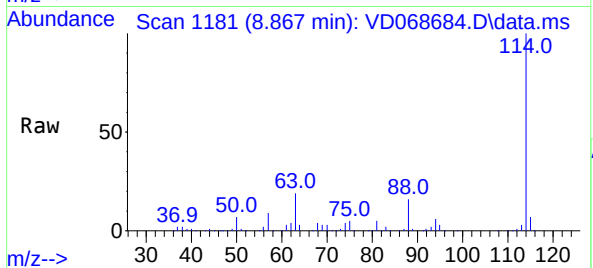




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

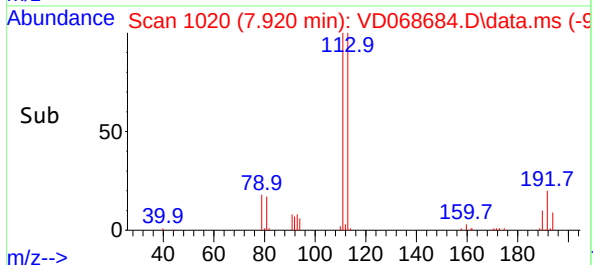
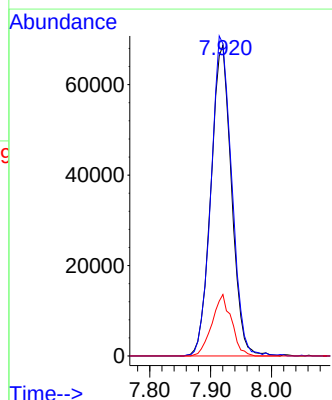
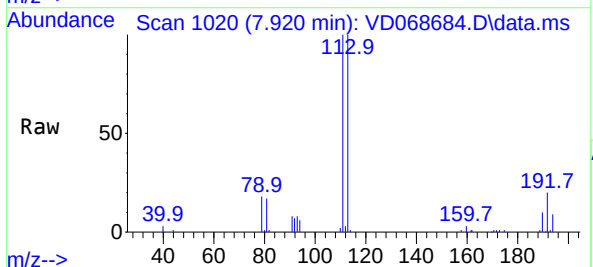
Instrument :
MSVOA_D
ClientSampled :
L07

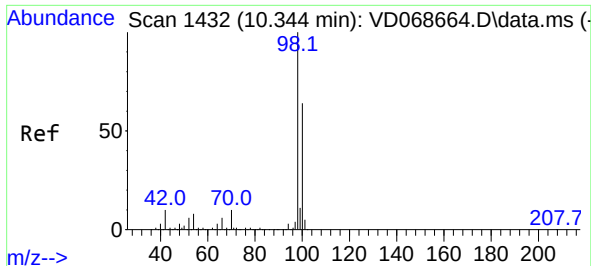
Tgt Ion:114 Resp: 504083
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.2
88 15.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.47 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

Tgt Ion:113 Resp: 161419
Ion Ratio Lower Upper
113 100
111 103.3 82.5 123.7
192 18.7 15.1 22.7

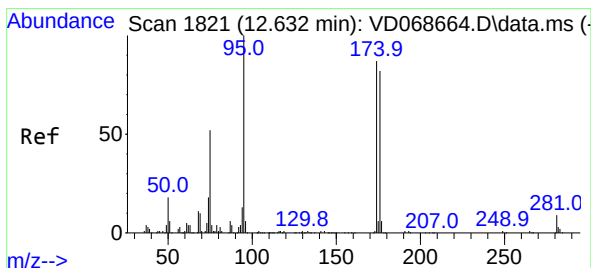
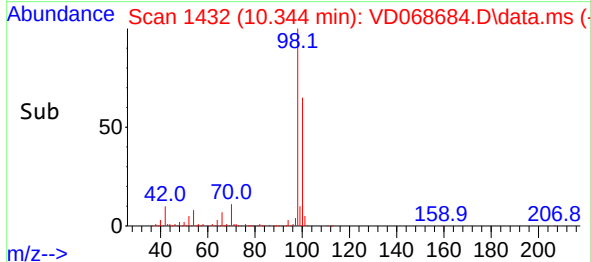
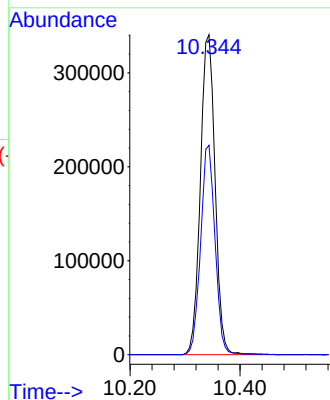
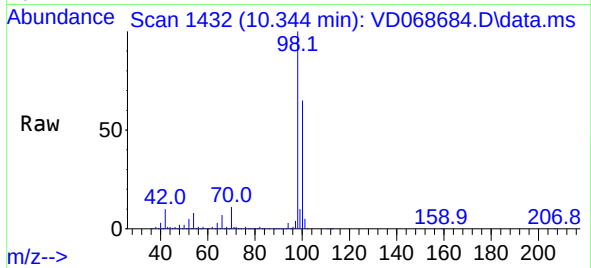




#50
Toluene-d8
Concen: 52.30 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

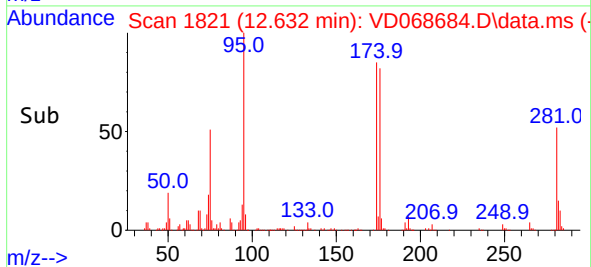
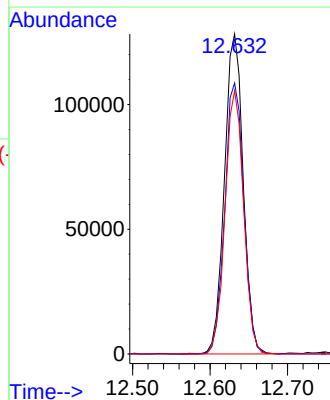
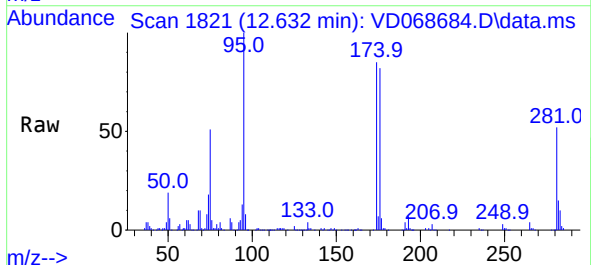
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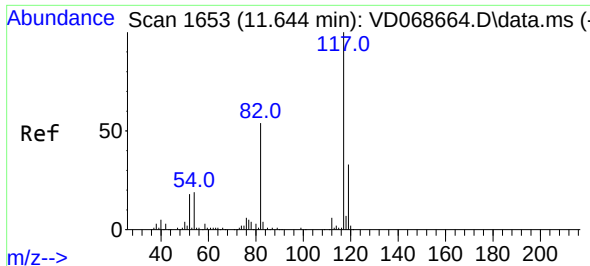
Tgt Ion: 98 Resp: 632380
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

Tgt Ion: 95 Resp: 215899
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.0
176 81.3 0.0 160.2

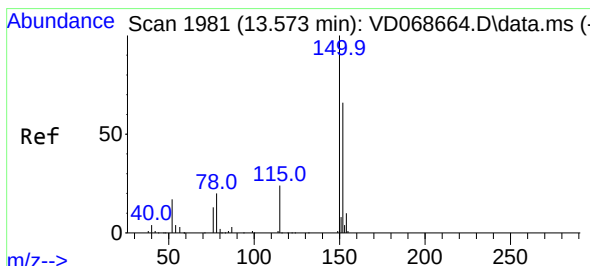
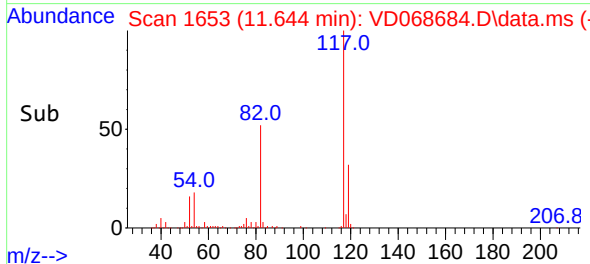
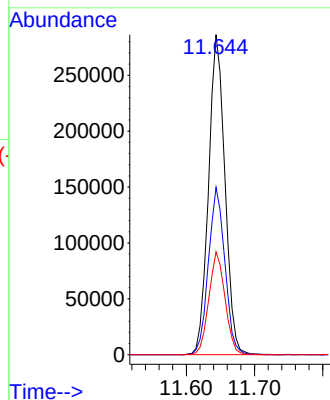
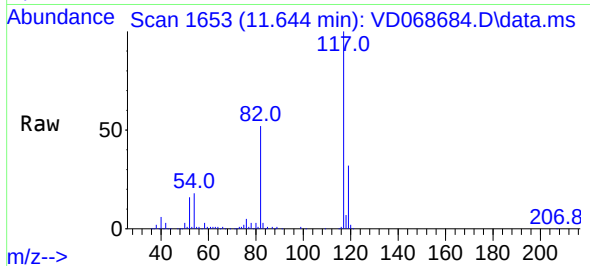




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

Instrument :
MSVOA_D
ClientSampled :
L07

Tgt Ion:	117	Resp:	478897
Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.5	65.3
119	32.1	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

Tgt Ion:	152	Resp:	223245
Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.3	87.8
150	159.8	0.0	347.6

