

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068738.D
 Acq On : 31 Mar 2021 15:13
 Operator : VA/SY
 Sample : M1874-05
 Misc : 5.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB16(26-27)

Quant Time: Apr 01 00:44:48 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	7.979	168	331295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	602973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	620049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	299521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	172943	51.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.54%	
35) Dibromofluoromethane	7.914	113	188822	50.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.66%	
50) Toluene-d8	10.338	98	760904	52.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.22%	
62) 4-Bromofluorobenzene	12.632	95	282469	60.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.46%	

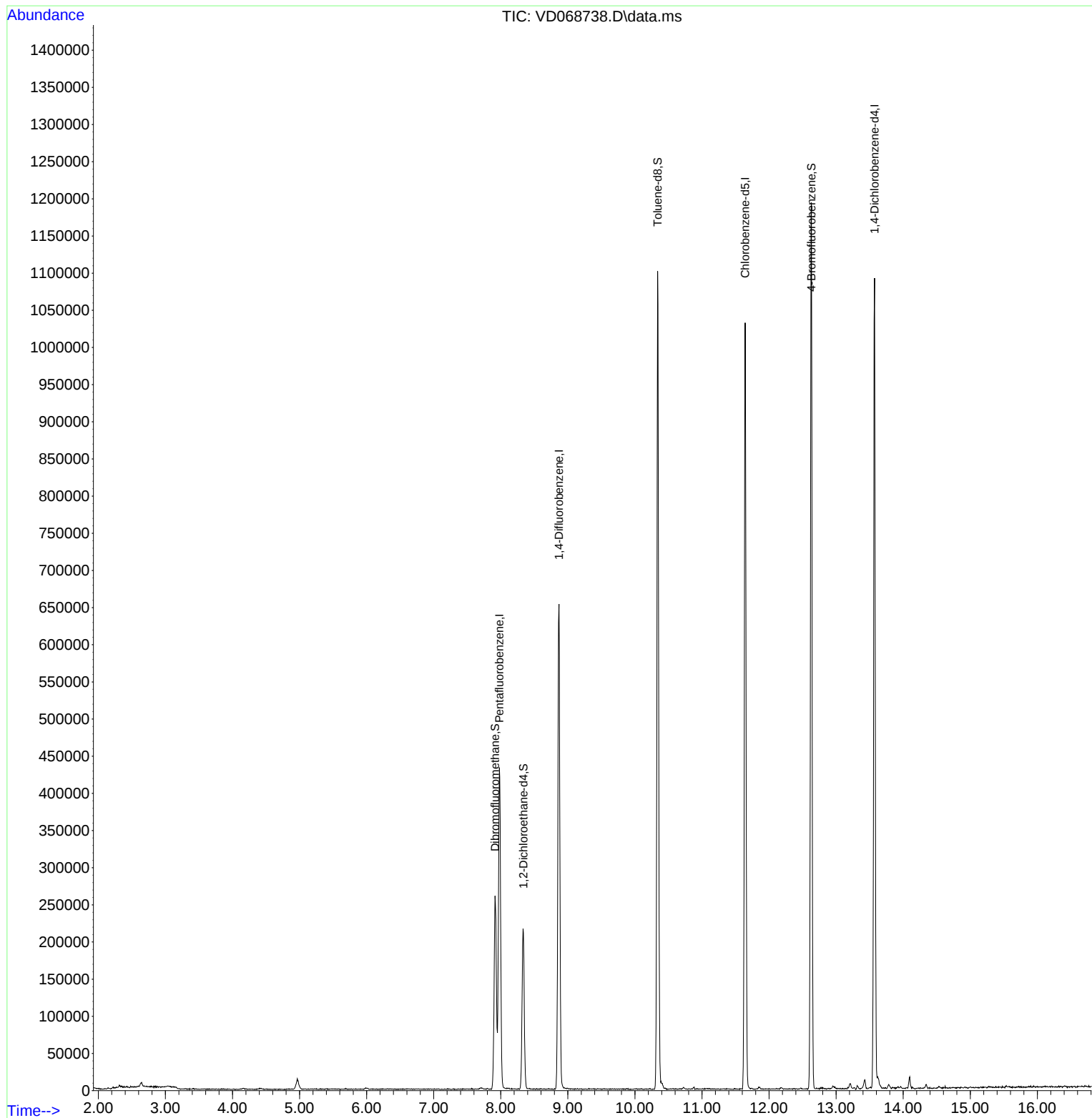
Target Compounds	Qvalue

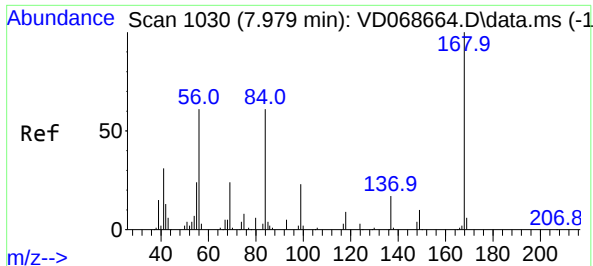
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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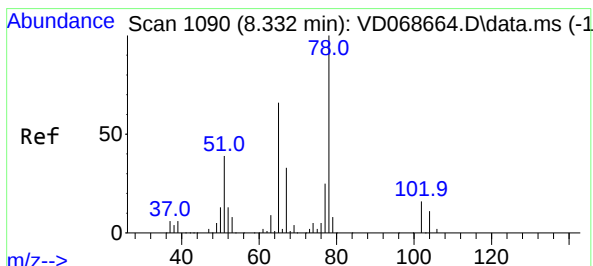
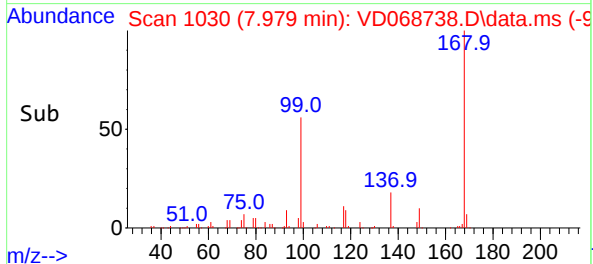
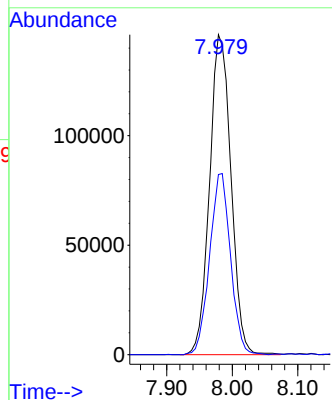
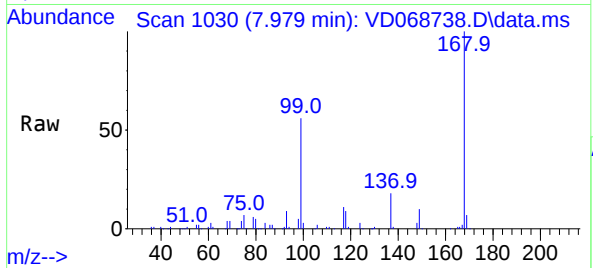




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

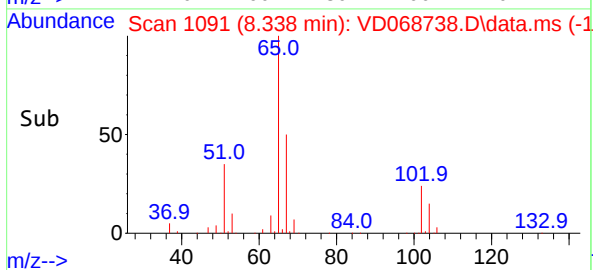
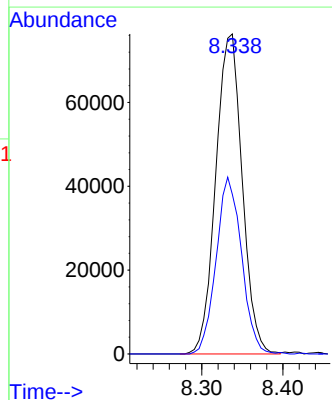
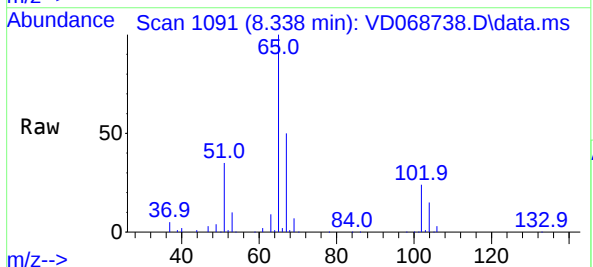
Instrument :
MSVOA_D
ClientSampleId :
FS-SB16(26-27)

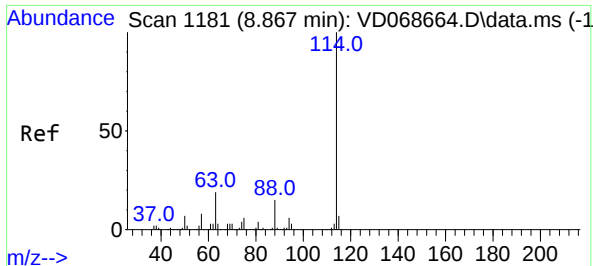
Tgt Ion:168 Resp: 331295
Ion Ratio Lower Upper
168 100
99 56.3 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 51.77 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

Tgt Ion: 65 Resp: 172943
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0



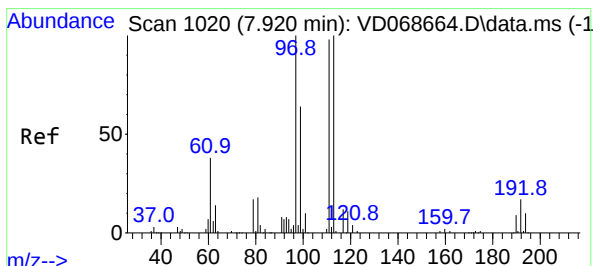
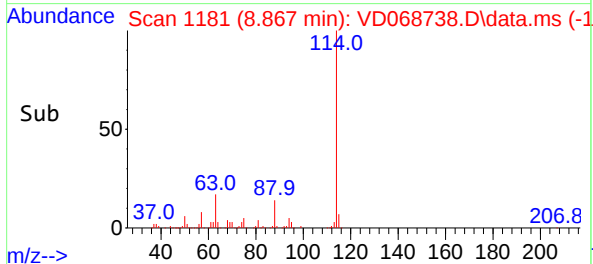
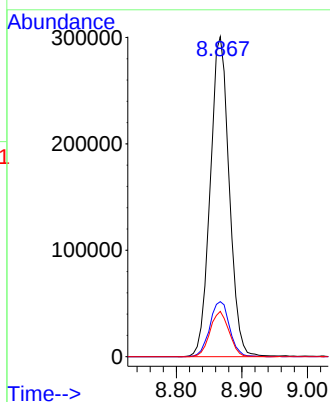
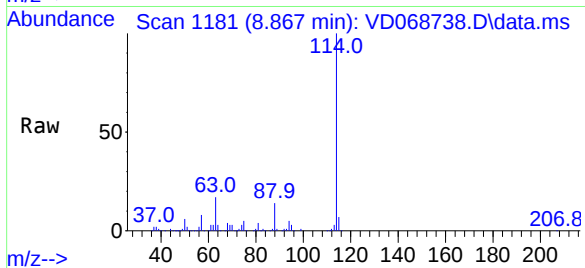


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

Instrument :
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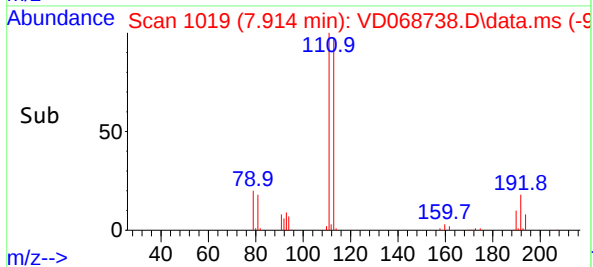
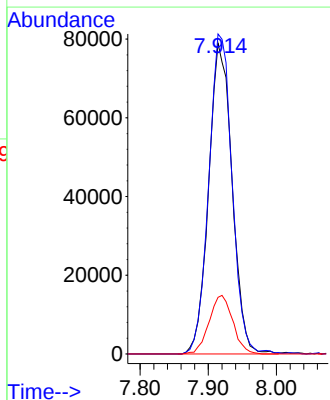
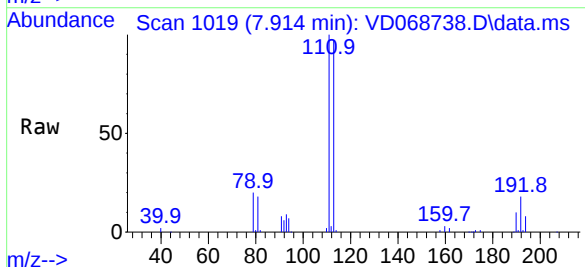
Tgt Ion:	114	Resp:	602973
Ion Ratio	Lower	Upper	
114	100		
63	17.2	0.0	38.2
88	14.1	0.0	29.4

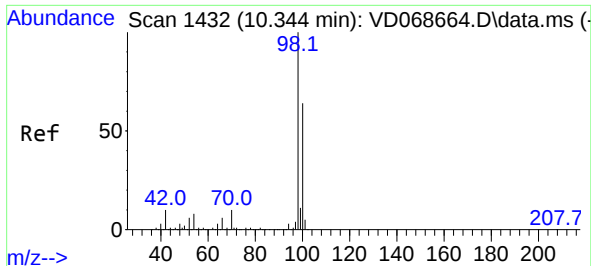


#35

Dibromofluoromethane
Concen: 50.33 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

Tgt Ion:	113	Resp:	188822
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.5	123.7
192	19.1	15.1	22.7

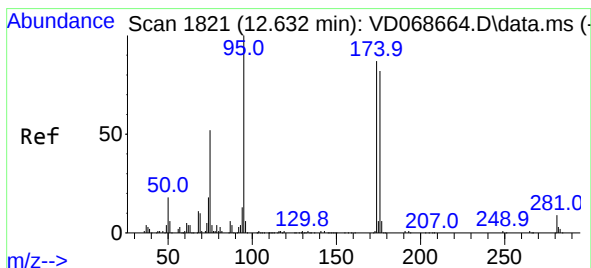
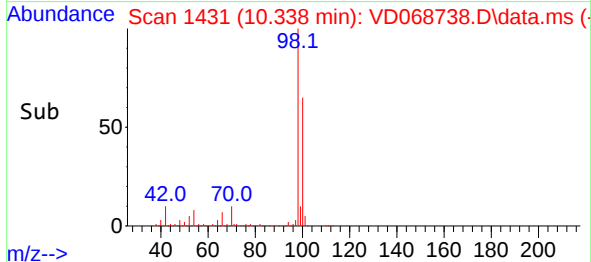
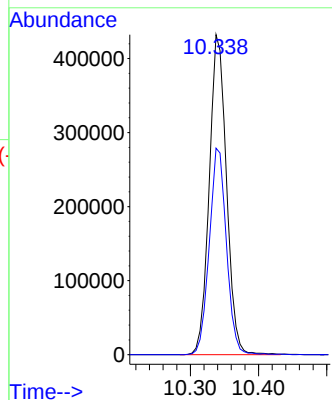
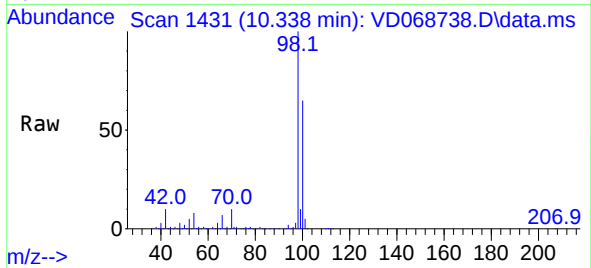




#50
Toluene-d8
Concen: 52.61 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

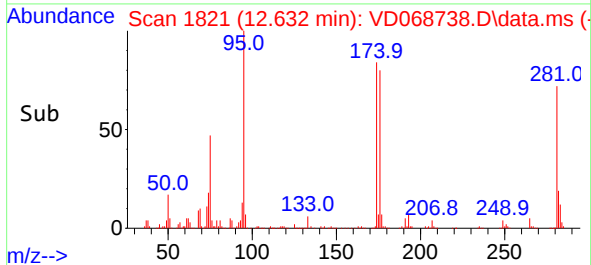
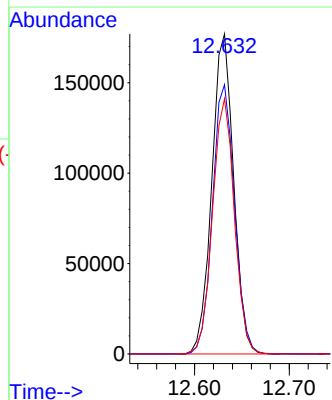
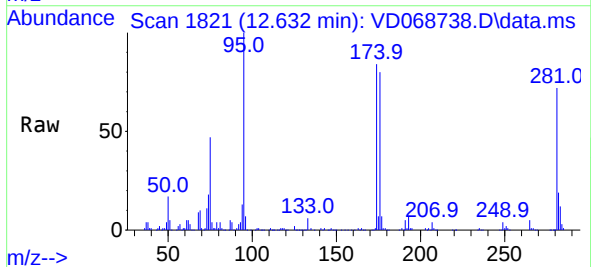
Instrument :
MSVOA_D
ClientSampleId :
FS-SB16(26-27)

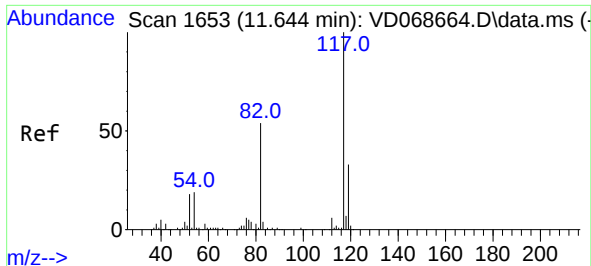
Tgt Ion: 98 Resp: 760904
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

Tgt Ion: 95 Resp: 282469
Ion Ratio Lower Upper
95 100
174 85.2 0.0 168.0
176 80.1 0.0 160.2

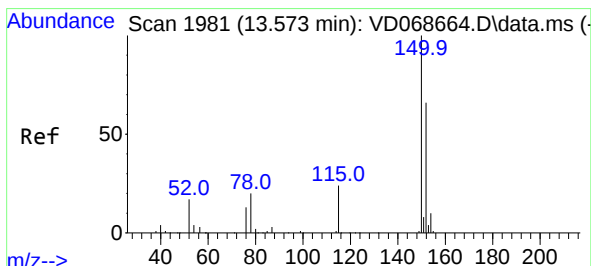
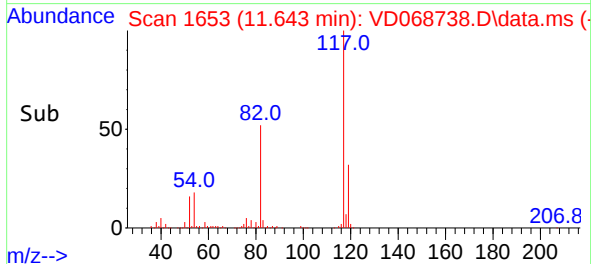
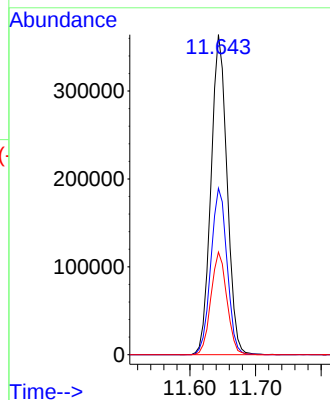
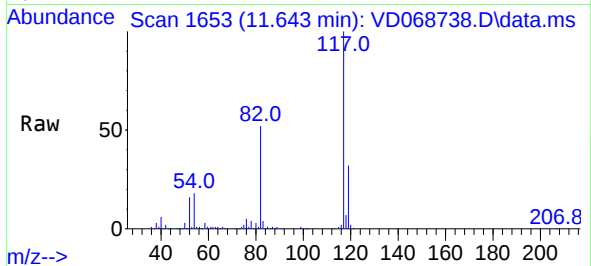




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

Instrument :
MSVOA_D
ClientSampleId :
FS-SB16(26-27)

Tgt Ion:117 Resp: 620049
Ion Ratio Lower Upper
117 100
82 52.0 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: VD068738.D
Acq: 31 Mar 2021 15:13

Tgt Ion:152 Resp: 299521
Ion Ratio Lower Upper
152 100
115 57.8 29.3 87.8
150 155.6 0.0 347.6

