

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068737.D
 Acq On : 31 Mar 2021 14:45
 Operator : VA/SY
 Sample : M1874-04
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB16(7-8)

Quant Time: Apr 01 00:44:33 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	330317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	611140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	627458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	301170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	180078	54.06	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.12%
35) Dibromofluoromethane	7.914	113	188158	49.48	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.96%
50) Toluene-d8	10.337	98	762523	52.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.02%
62) 4-Bromofluorobenzene	12.631	95	276096	58.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.18%

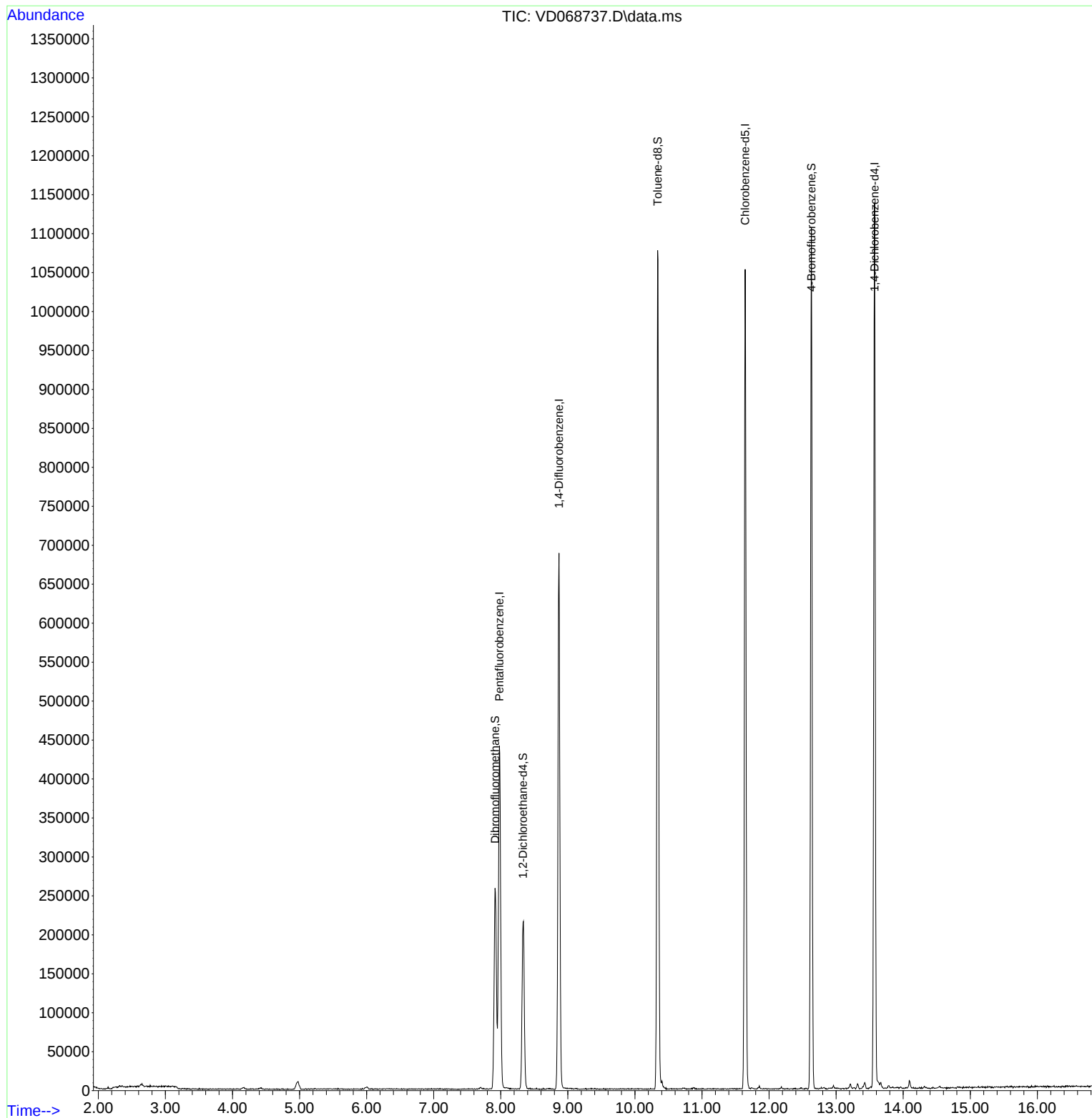
Target Compounds	Qvalue

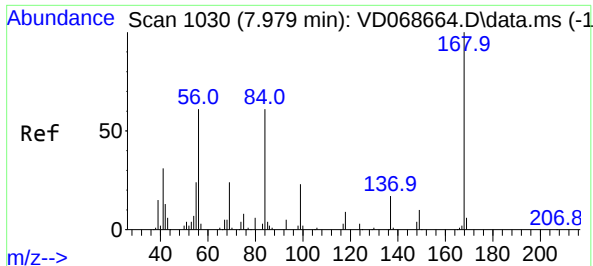
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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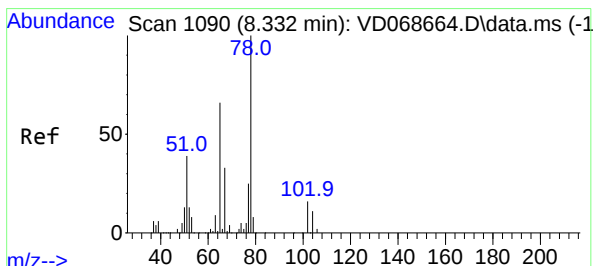
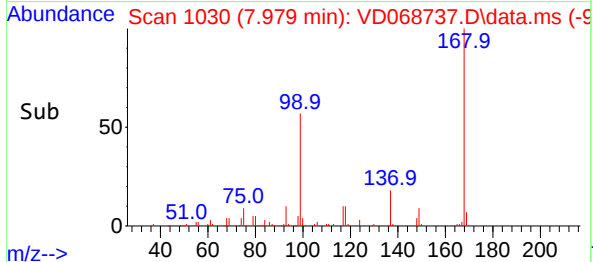
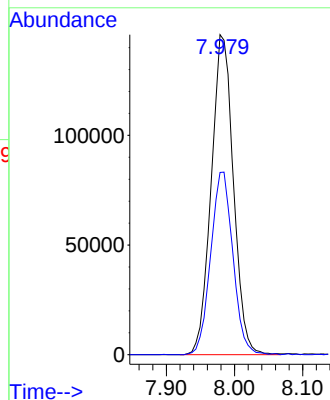
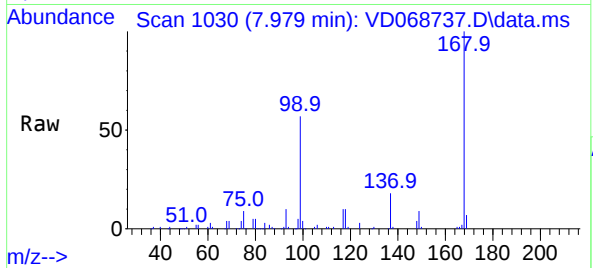




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

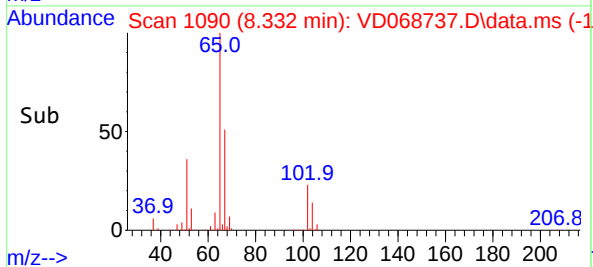
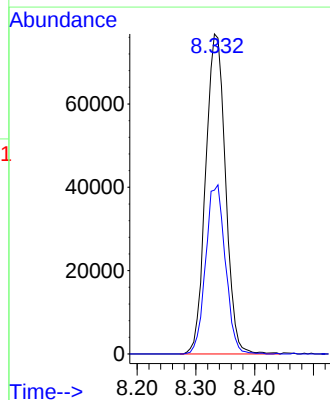
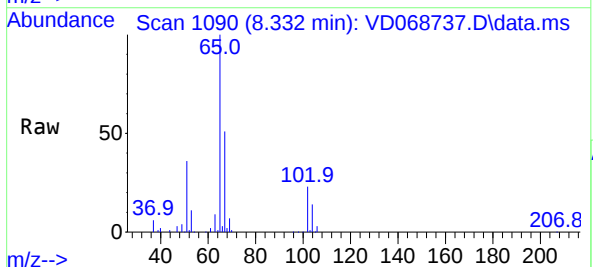
Instrument :
MSVOA_D
ClientSampleId :
FS-SB16(7-8)

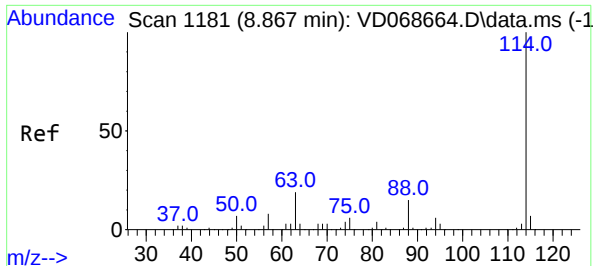
Tgt Ion:168 Resp: 330317
Ion Ratio Lower Upper
168 100
99 57.0 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 54.06 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

Tgt Ion: 65 Resp: 180078
Ion Ratio Lower Upper
65 100
67 52.4 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: VD068737.D

Acq: 31 Mar 2021 14:45

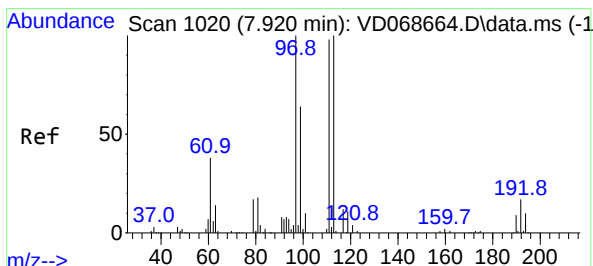
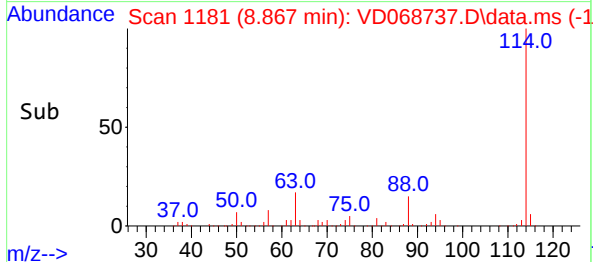
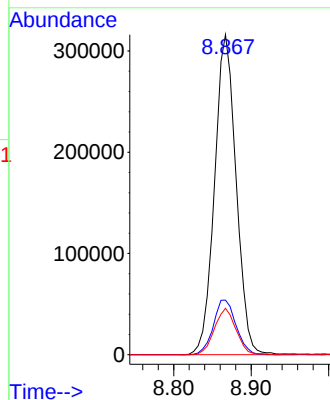
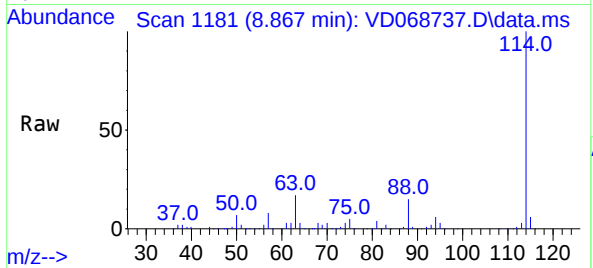
Tgt Ion:114 Resp: 611140

Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.2

88 14.5 0.0 29.4



#35

Dibromofluoromethane

Concen: 49.48 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068737.D

Acq: 31 Mar 2021 14:45

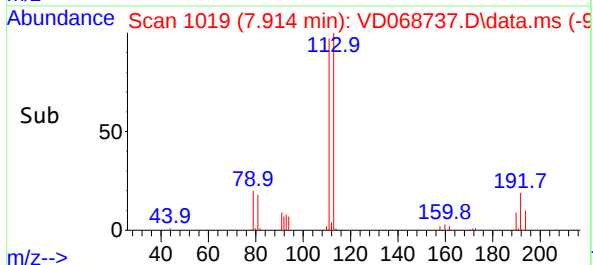
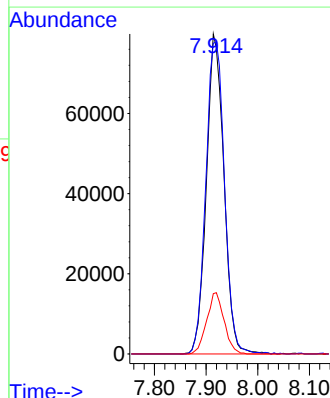
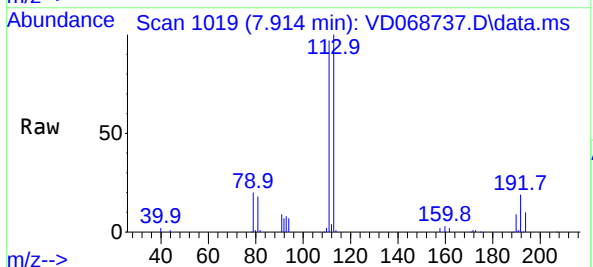
Tgt Ion:113 Resp: 188158

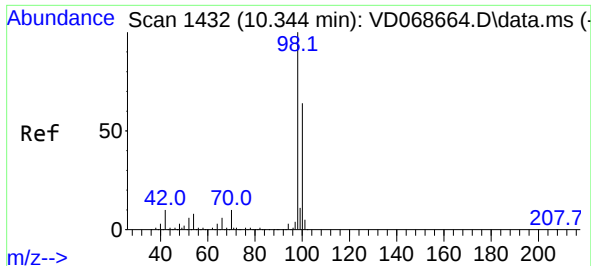
Ion Ratio Lower Upper

113 100

111 104.0 82.5 123.7

192 19.0 15.1 22.7

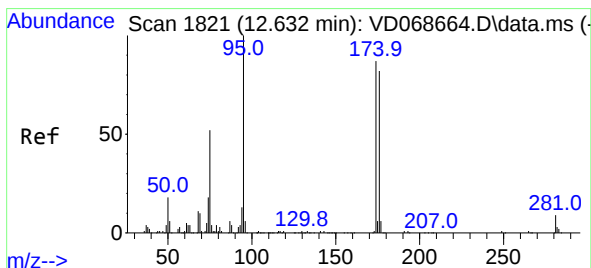
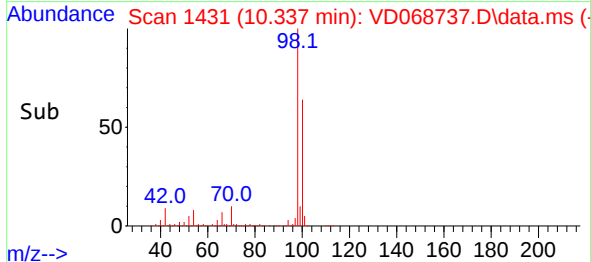
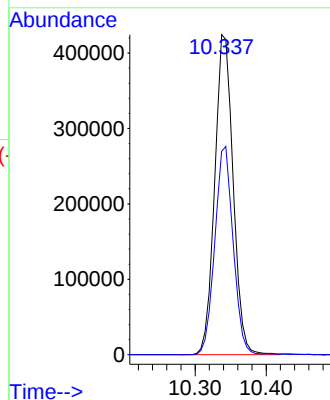
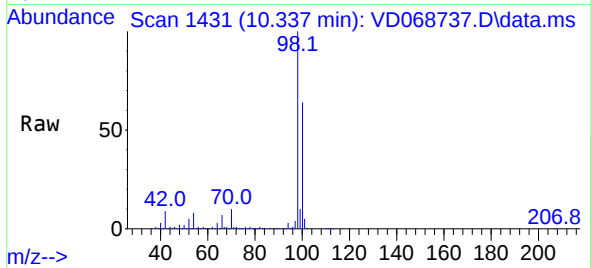




#50
Toluene-d8
Concen: 52.01 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

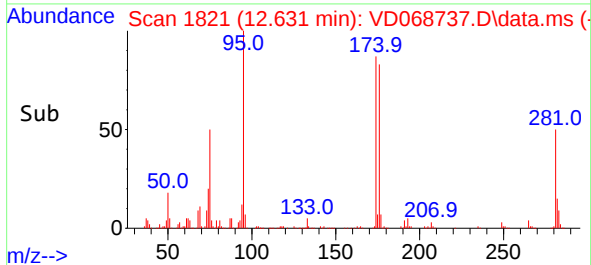
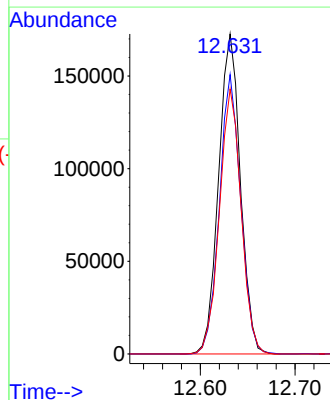
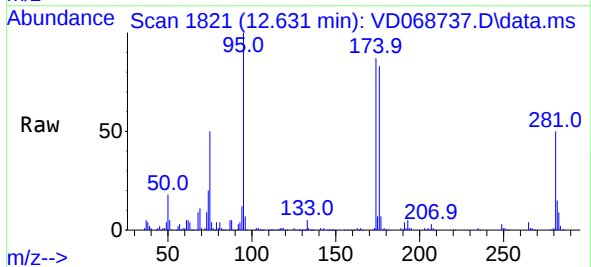
Instrument :
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FS-SB16(7-8)

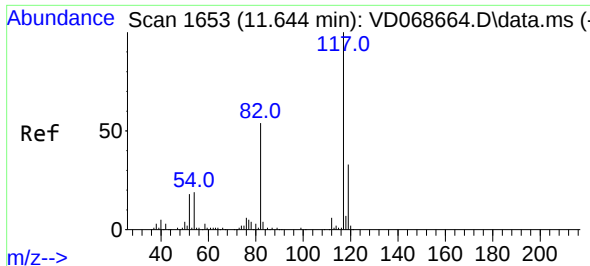
Tgt Ion: 98 Resp: 762523
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.09 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

Tgt Ion: 95 Resp: 276096
Ion Ratio Lower Upper
95 100
174 85.4 0.0 168.0
176 82.3 0.0 160.2

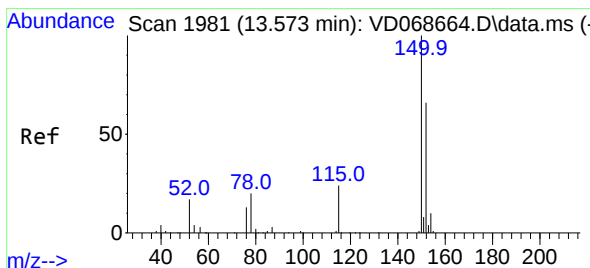
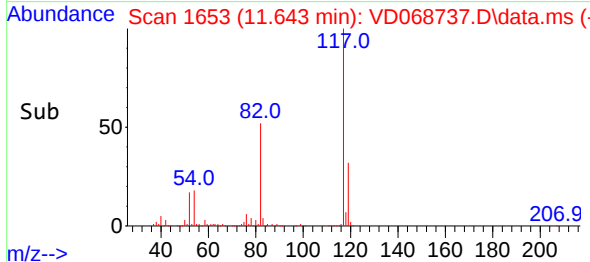
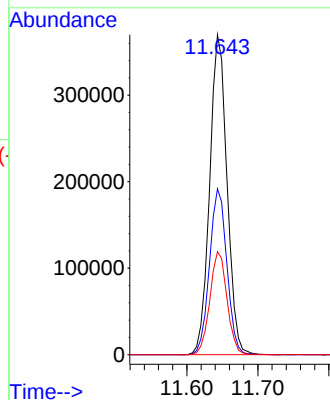
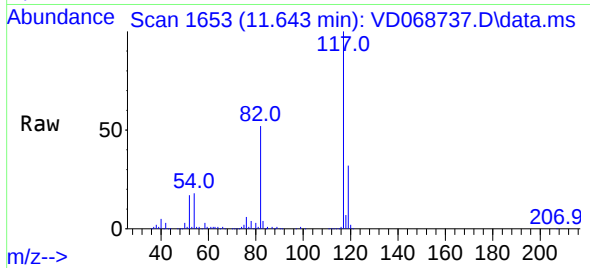




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

Instrument :
MSVOA_D
ClientSampleId :
FS-SB16(7-8)

Tgt Ion:117 Resp: 627458
Ion Ratio Lower Upper
117 100
82 51.8 43.5 65.3
119 32.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.572 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068737.D
Acq: 31 Mar 2021 14:45

Tgt Ion:152 Resp: 301170
Ion Ratio Lower Upper
152 100
115 57.9 29.3 87.8
150 158.6 0.0 347.6

