

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072121\
 Data File : VD069792.D
 Acq On : 21 Jul 2021 15:46
 Operator : VA/SY
 Sample : M3089-14
 Misc : 4.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R99997-D-BOTTOM-(3)

Quant Time: Jul 22 03:41:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	277262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	518535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	681979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	346315	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207340	59.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.780%
35) Dibromofluoromethane	7.914	113	183957	52.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.760%
50) Toluene-d8	10.338	98	703434	52.049	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.100%
62) 4-Bromofluorobenzene	12.626	95	328376	72.853	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	145.700%#

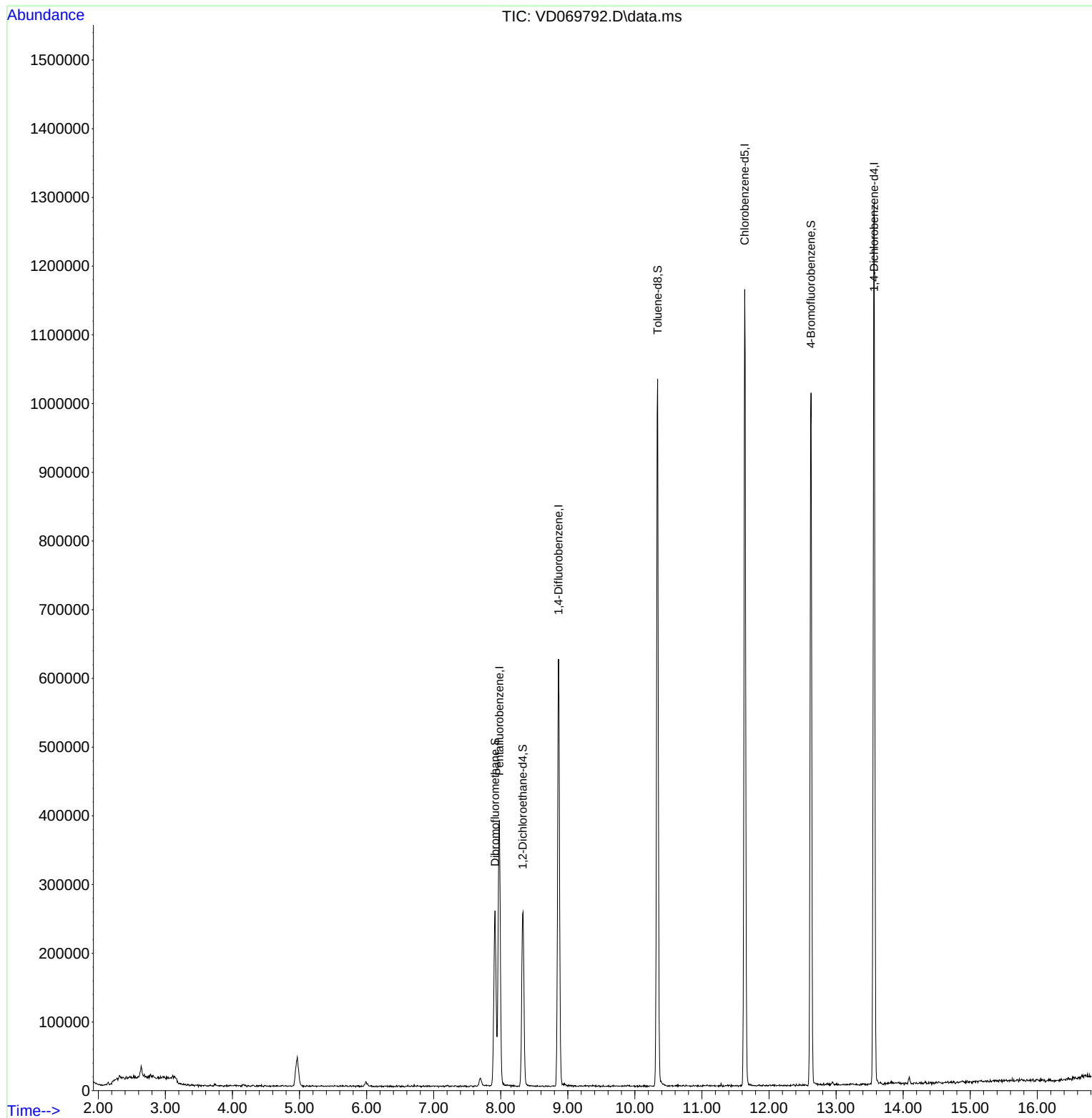
Target Compounds	Qvalue

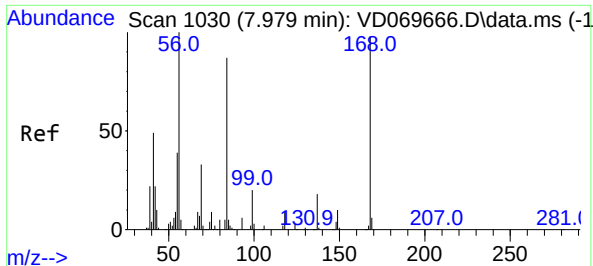
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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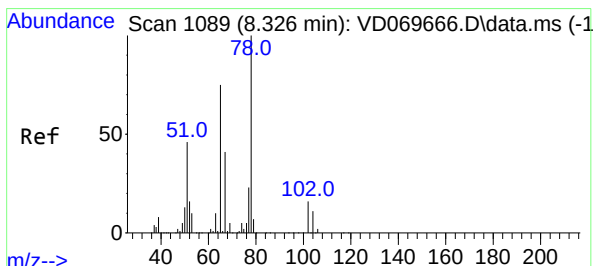
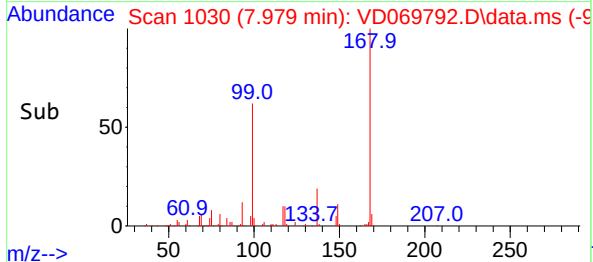
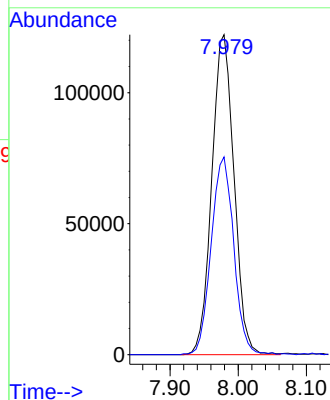
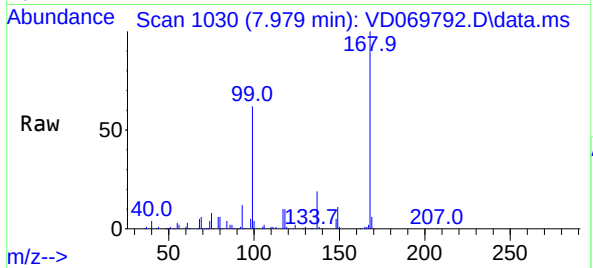




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069792.D
Acq: 21 Jul 2021 15:46

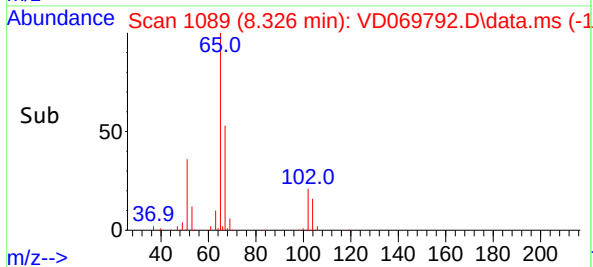
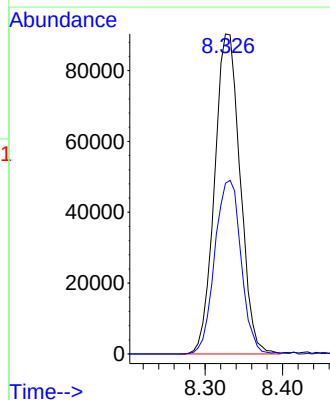
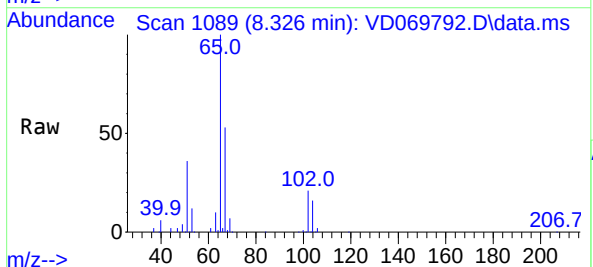
Instrument :
MSVOA_D
ClientSampleId :
R99997-D-BOTTOM-(3)

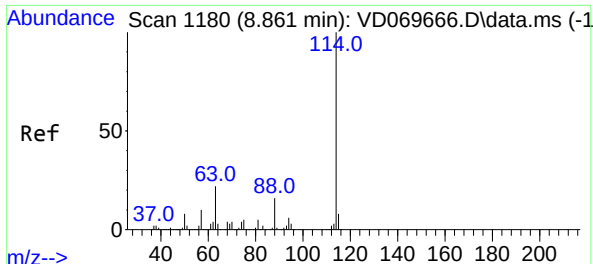
Tgt Ion:168 Resp: 277262
Ion Ratio Lower Upper
168 100
99 61.8 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 59.891 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069792.D
Acq: 21 Jul 2021 15:46

Tgt Ion: 65 Resp: 207340
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2



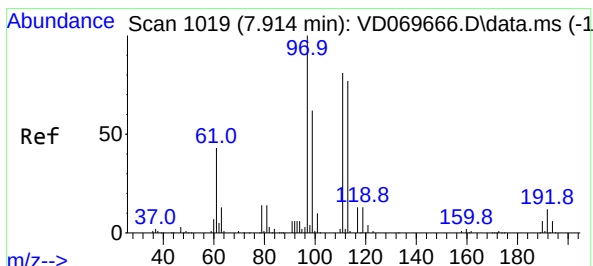
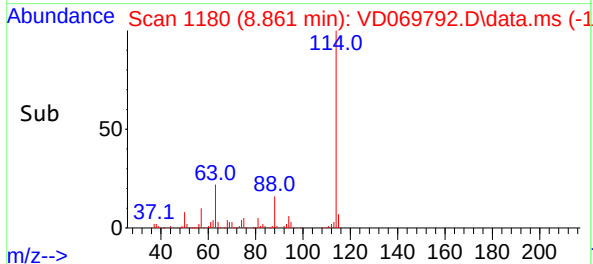
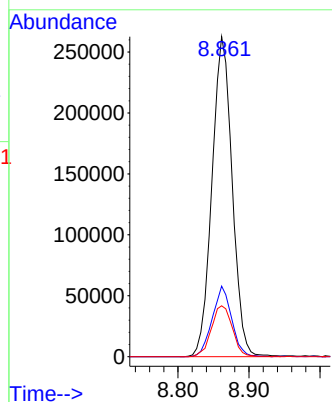
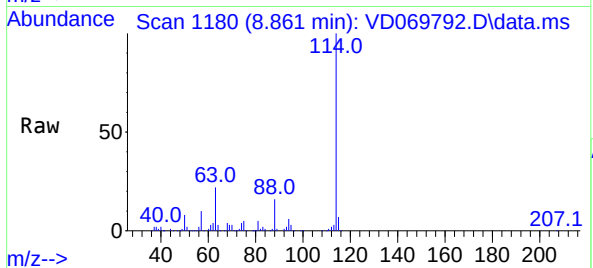


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069792.D
Acq: 21 Jul 2021 15:46

Instrument :
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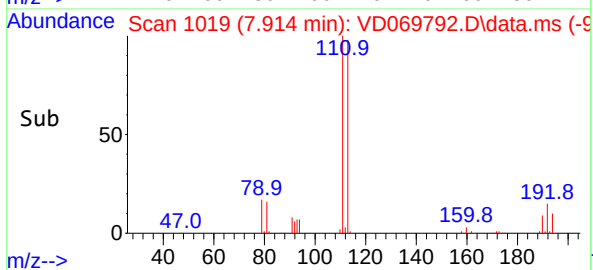
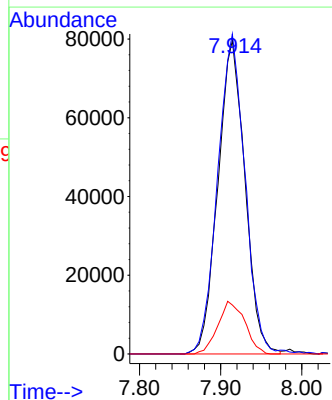
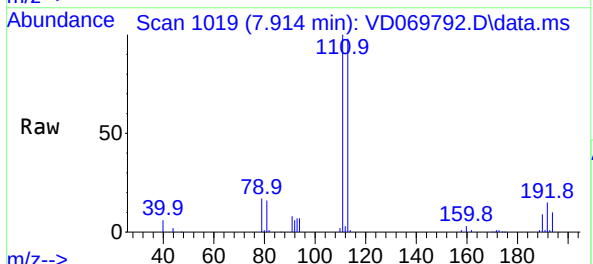
Tgt Ion:114 Resp: 518535
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.4
88 15.9 0.0 32.0

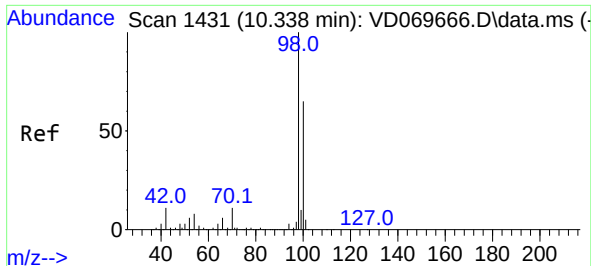


#35

Dibromofluoromethane
Concen: 52.880 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069792.D
Acq: 21 Jul 2021 15:46

Tgt Ion:113 Resp: 183957
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 16.8 12.7 19.1

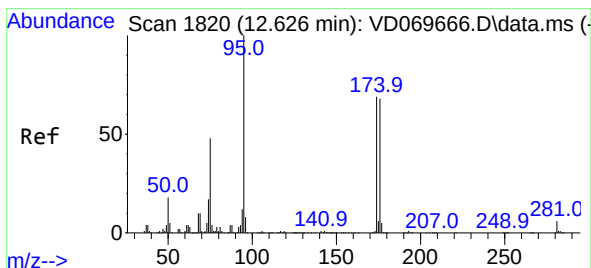
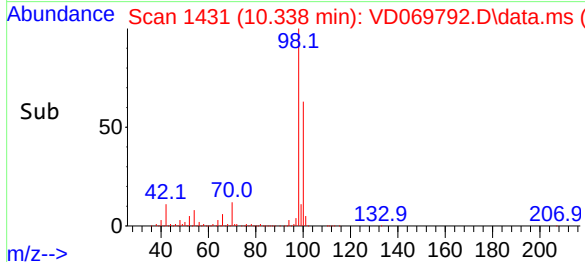
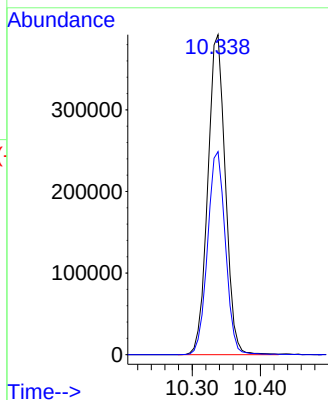
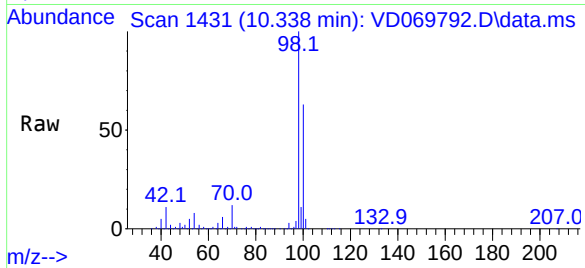




#50
Toluene-d8
Concen: 52.049 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069792.D
Acq: 21 Jul 2021 15:46

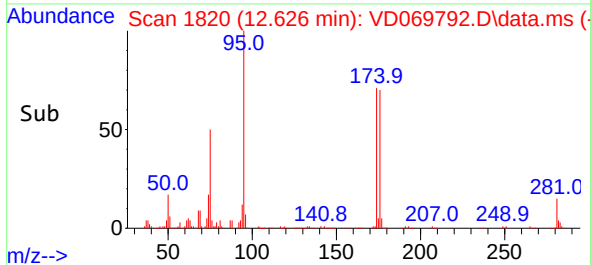
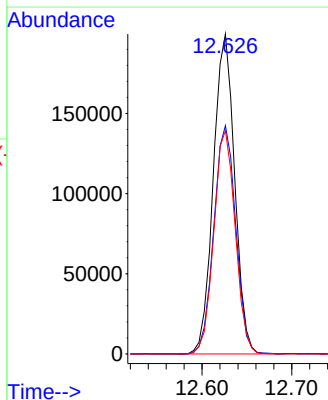
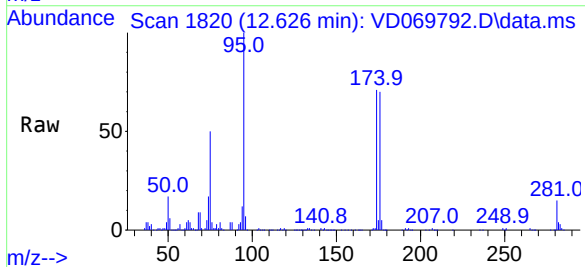
Instrument :
MSVOA_D
ClientSampleId :
R99997-D-BOTTOM-(3)

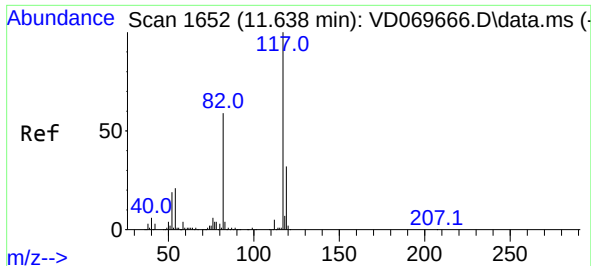
Tgt Ion: 98 Resp: 703434
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 72.853 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069792.D
Acq: 21 Jul 2021 15:46

Tgt Ion: 95 Resp: 328376
Ion Ratio Lower Upper
95 100
174 73.5 0.0 140.0
176 70.1 0.0 136.2

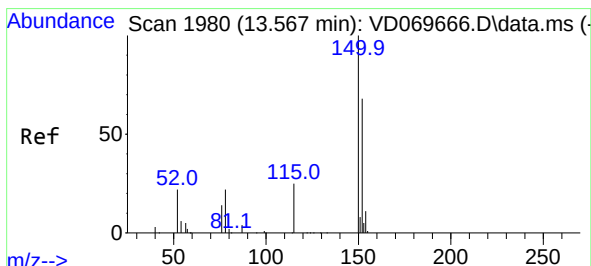
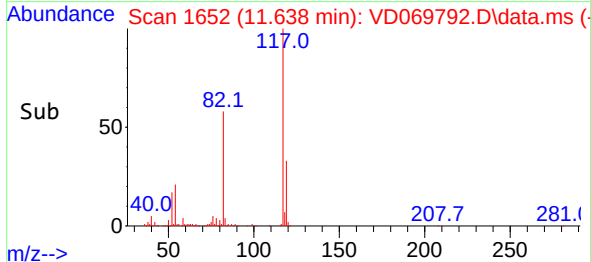
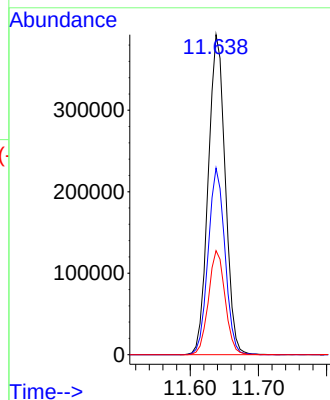
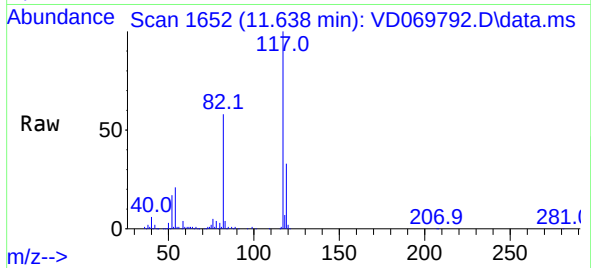




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069792.D
Acq: 21 Jul 2021 15:46

Instrument :
MSVOA_D
ClientSampleId :
R99997-D-BOTTOM-(3)

Tgt Ion:	117	Resp:	681979
Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.4	71.2
119	32.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069792.D
Acq: 21 Jul 2021 15:46

Tgt Ion:	152	Resp:	346315
Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.7	95.1
150	154.1	0.0	350.4

