

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
 Data File : VD069724.D
 Acq On : 16 Jul 2021 14:43
 Operator : VA/SY
 Sample : M3029-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RVR-CF01-01

Quant Time: Jul 17 00:52:21 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	580476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1105159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1157659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	408381	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	326861	45.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.200%
35) Dibromofluoromethane	7.914	113	346009	46.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.340%
50) Toluene-d8	10.337	98	1428974	49.609	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.625	95	497424	51.779	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.560%

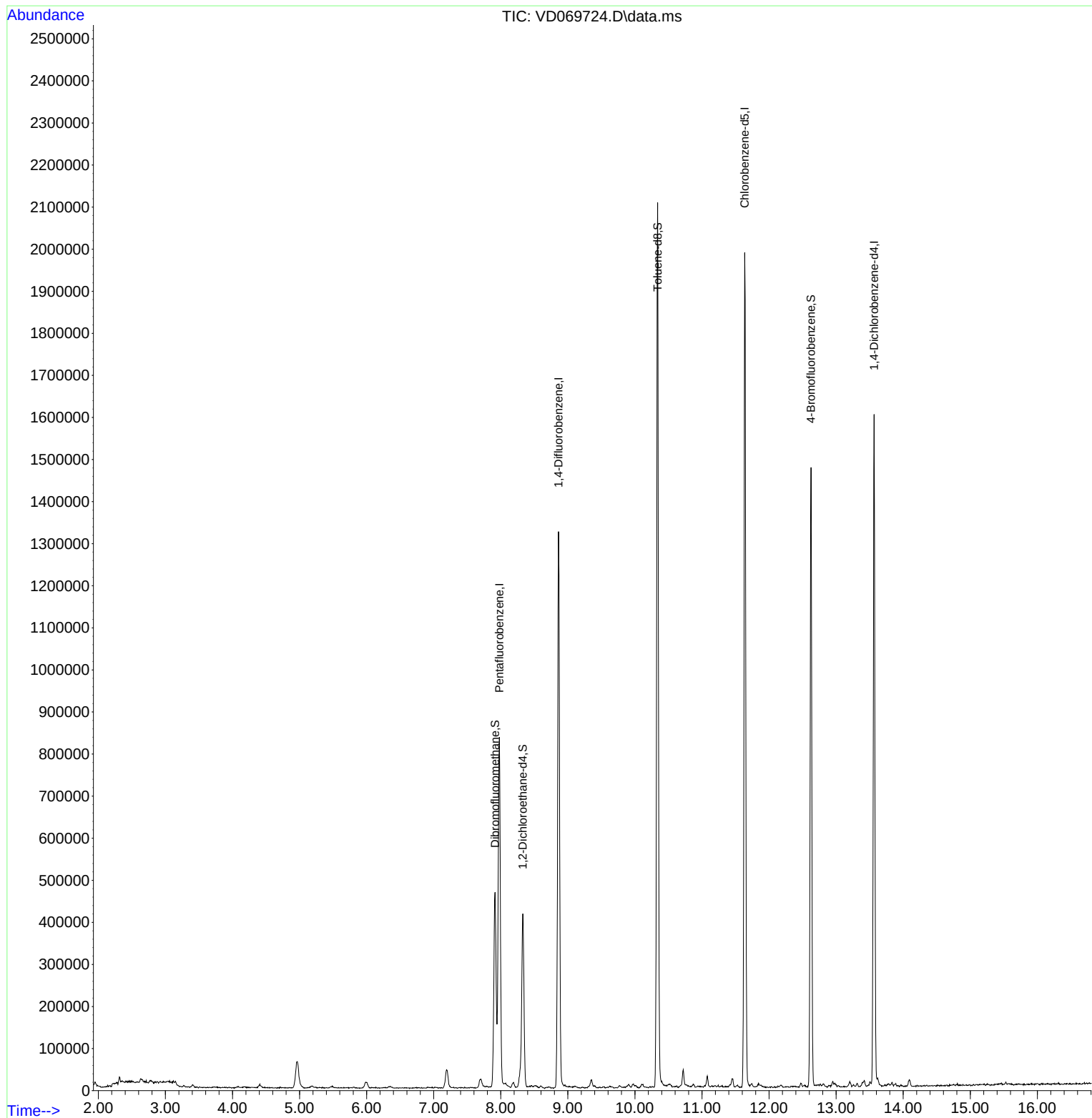
Target Compounds	Qvalue

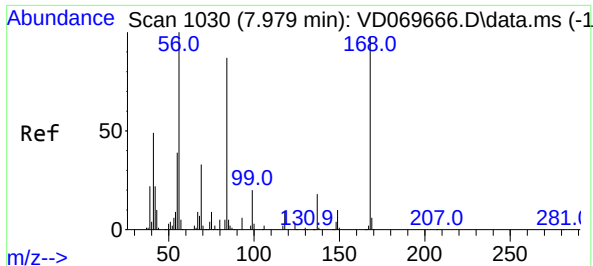
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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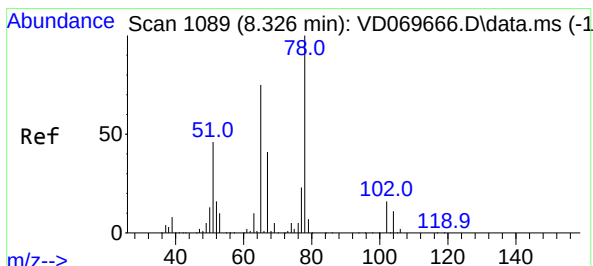
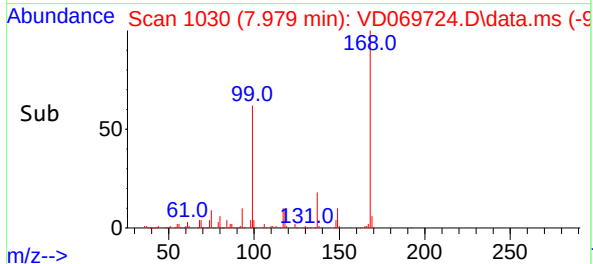
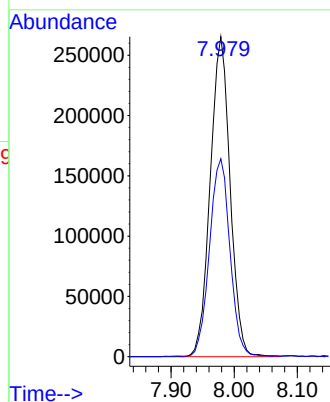
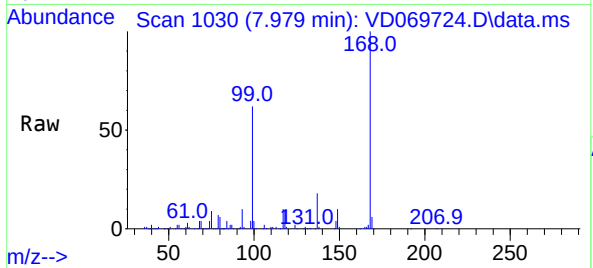




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069724.D
Acq: 16 Jul 2021 14:43

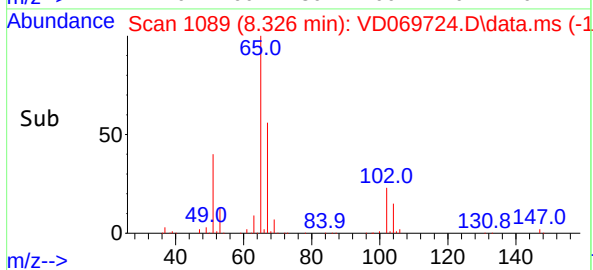
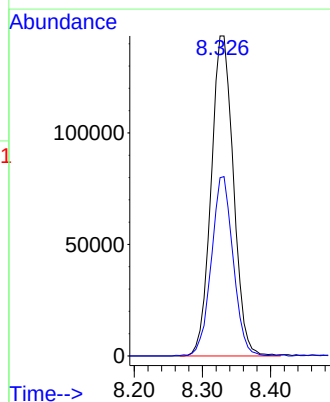
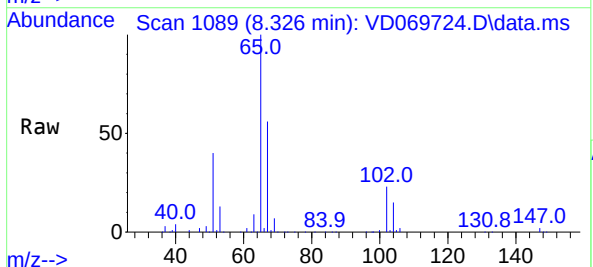
Instrument :
MSVOA_D
ClientSampleId :
RVR-CF01-01

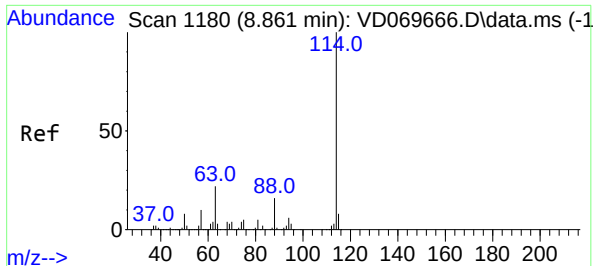
Tgt Ion:168 Resp: 580476
Ion Ratio Lower Upper
168 100
99 61.7 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 45.097 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069724.D
Acq: 16 Jul 2021 14:43

Tgt Ion: 65 Resp: 326861
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.2



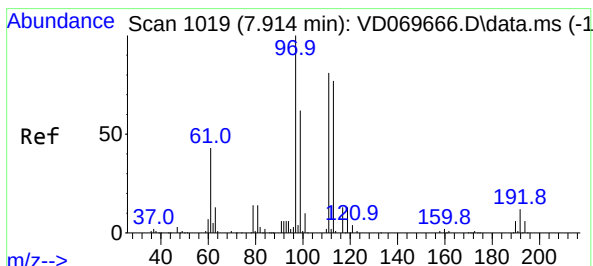
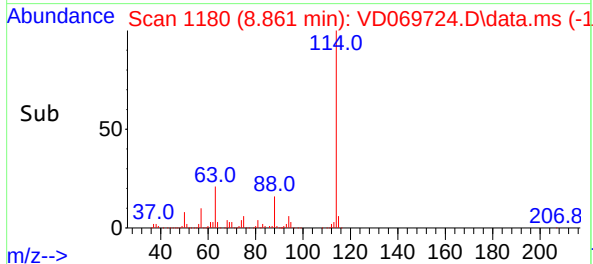
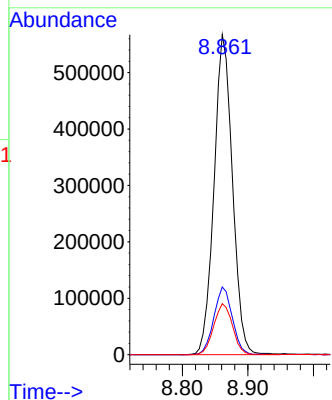
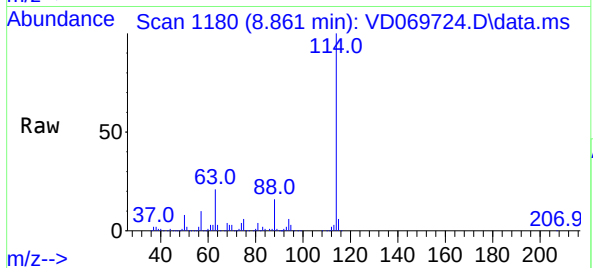


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD069724.D
Acq: 16 Jul 2021 14:43

Instrument :
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RVR-CF01-01

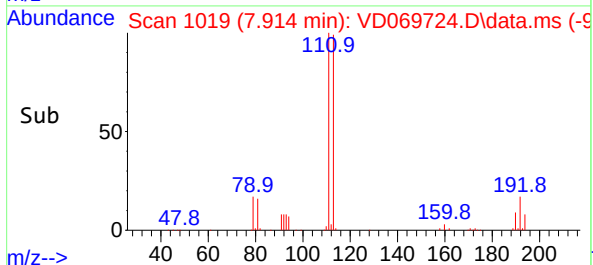
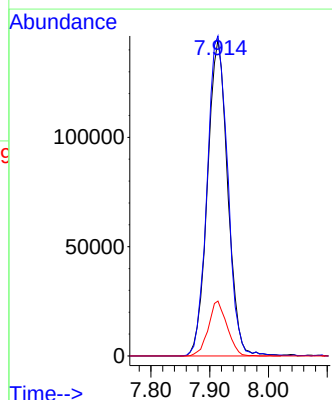
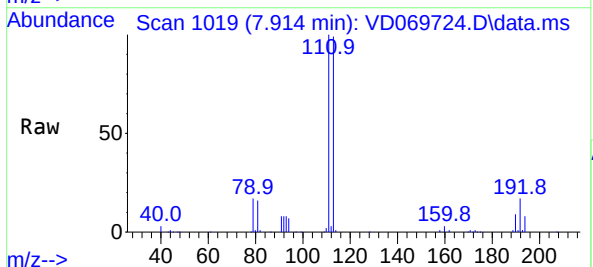
Tgt Ion:114 Resp: 1105159
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.4
88 16.0 0.0 32.0

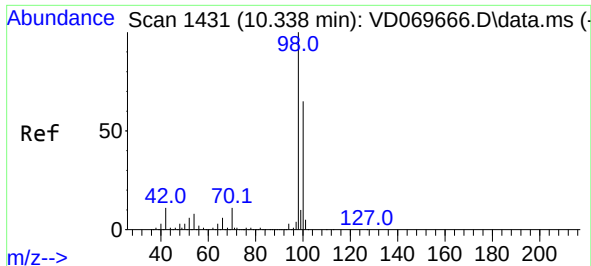


#35

Dibromofluoromethane
Concen: 46.668 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069724.D
Acq: 16 Jul 2021 14:43

Tgt Ion:113 Resp: 346009
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 16.0 12.7 19.1

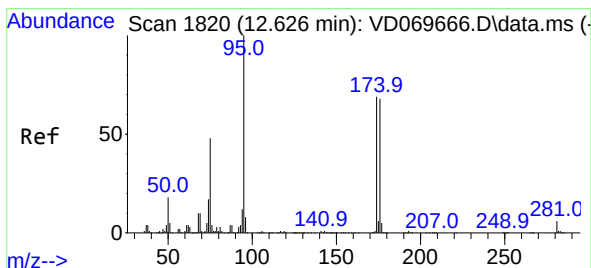
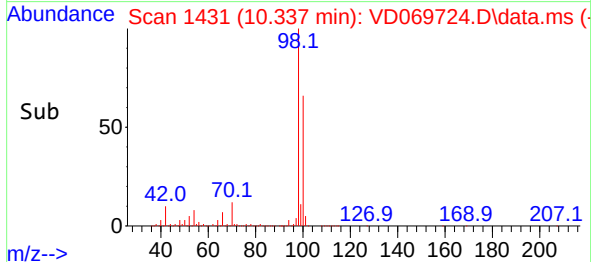
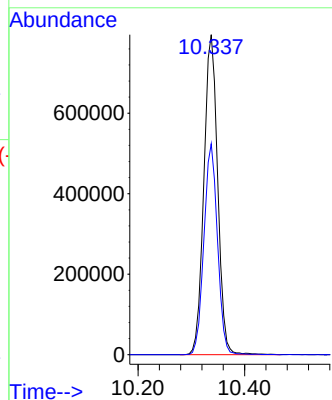
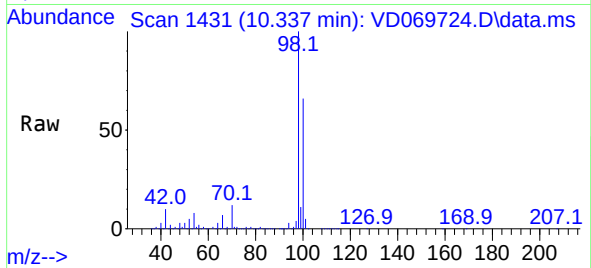




#50
Toluene-d8
Concen: 49.609 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069724.D
Acq: 16 Jul 2021 14:43

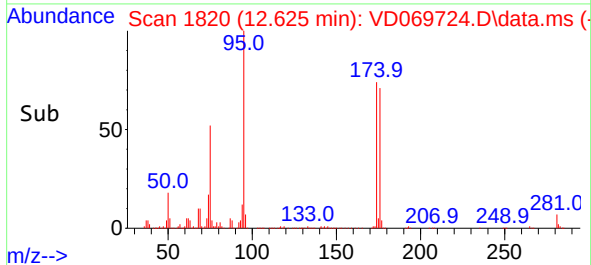
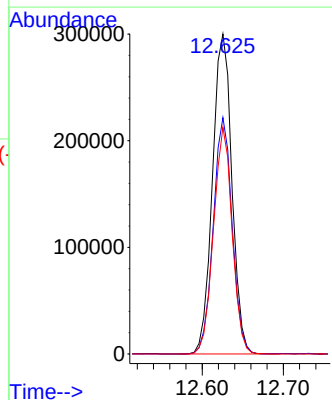
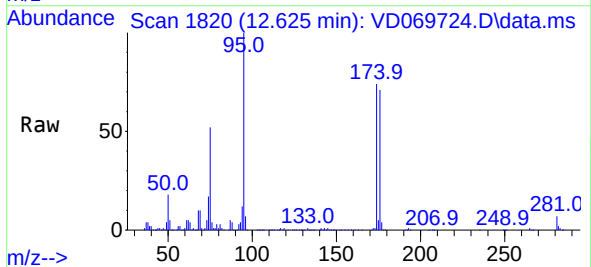
Instrument :
MSVOA_D
ClientSampleId :
RVR-CF01-01

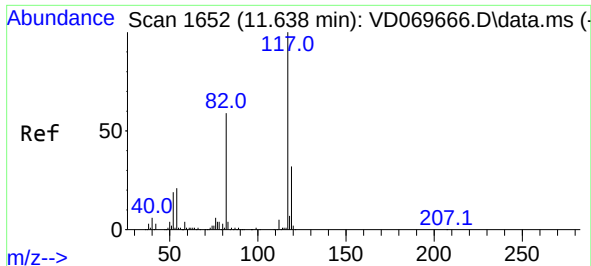
Tgt Ion: 98 Resp: 1428974
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 51.779 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.001 min
Lab File: VD069724.D
Acq: 16 Jul 2021 14:43

Tgt Ion: 95 Resp: 497424
Ion Ratio Lower Upper
95 100
174 72.2 0.0 140.0
176 68.1 0.0 136.2



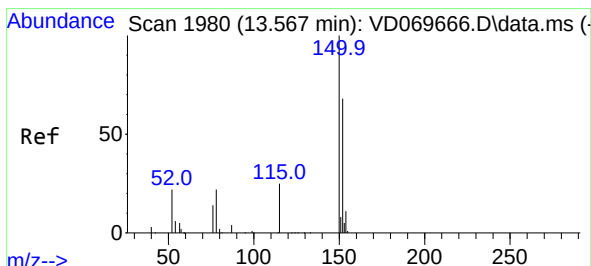
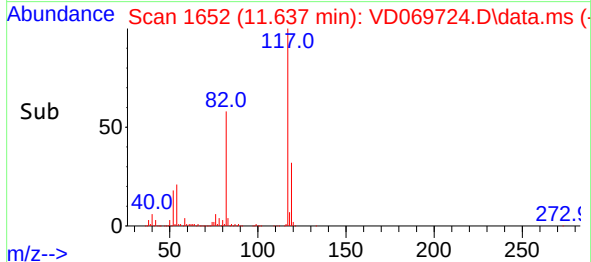
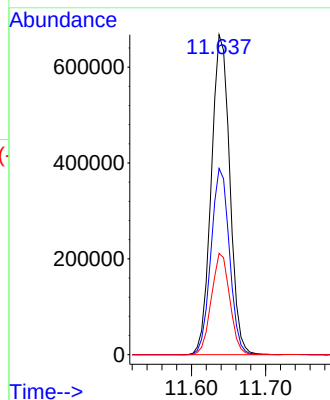
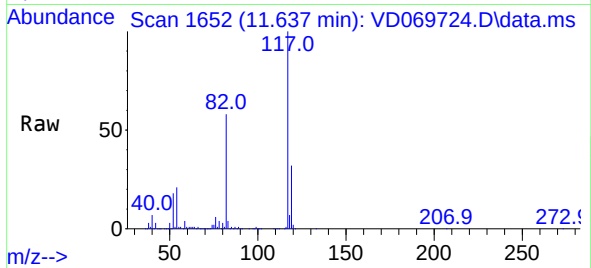


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD069724.D
Acq: 16 Jul 2021 14:43

Instrument :
MSVOA_D
ClientSampleId :
RVR-CF01-01

Tgt Ion:117 Resp: 1157659

Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.4	71.2
119	31.7	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: VD069724.D
Acq: 16 Jul 2021 14:43

Tgt Ion:152 Resp: 408381

Ion	Ratio	Lower	Upper
152	100		
115	64.3	31.7	95.1
150	161.6	0.0	350.4

