

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092421\
 Data File : VD070449.D
 Acq On : 24 Sep 2021 12:36
 Operator : VA/SY
 Sample : M3907-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3032

Quant Time: Sep 25 03:07:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	199513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	387978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	354727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	117664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	144463	56.39	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.78%
35) Dibromofluoromethane	7.914	113	132238	47.88	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.76%
50) Toluene-d8	10.338	98	398224	39.72	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.44%
62) 4-Bromofluorobenzene	12.626	95	116254	33.17	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.34%

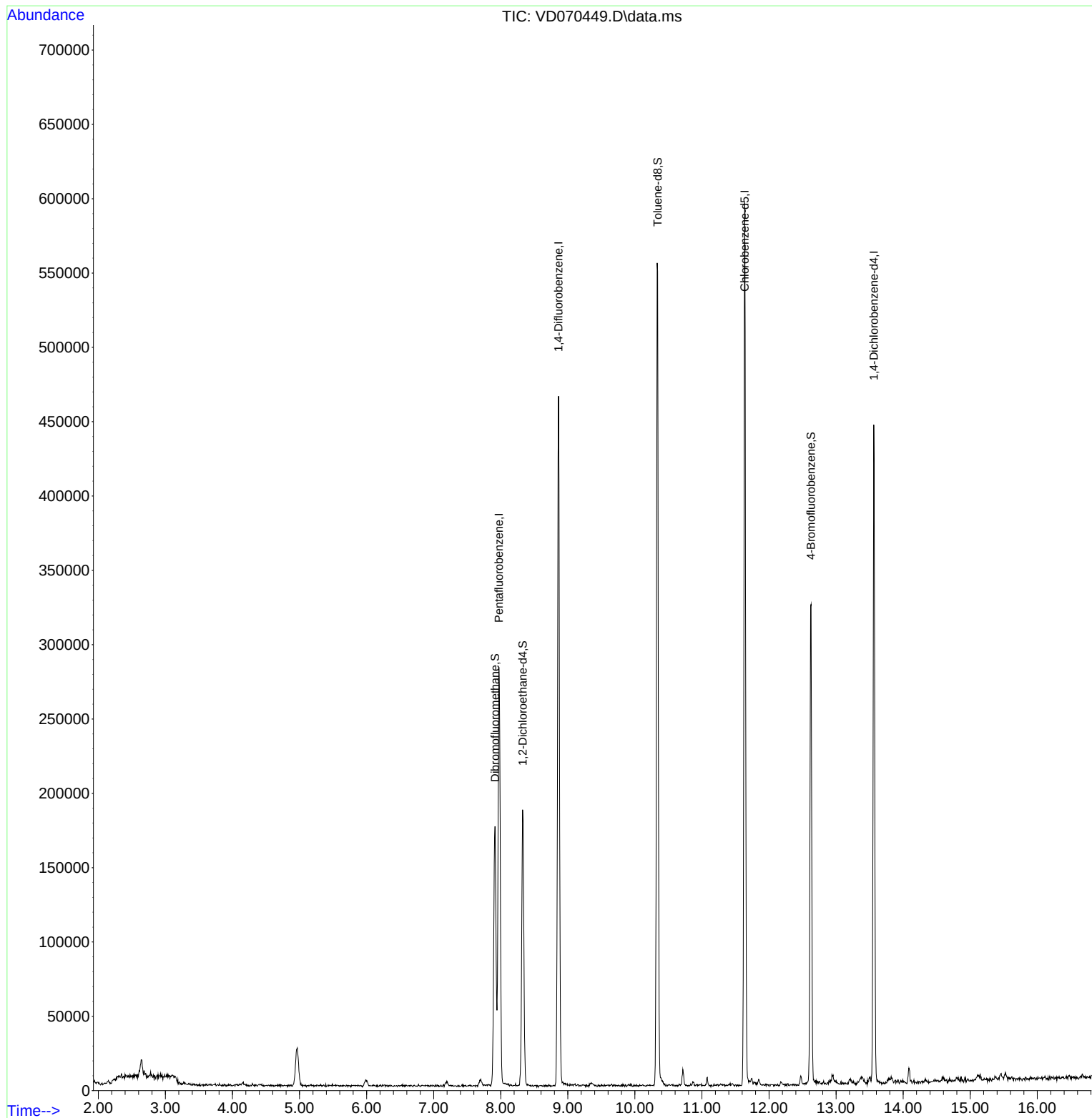
Target Compounds	Qvalue

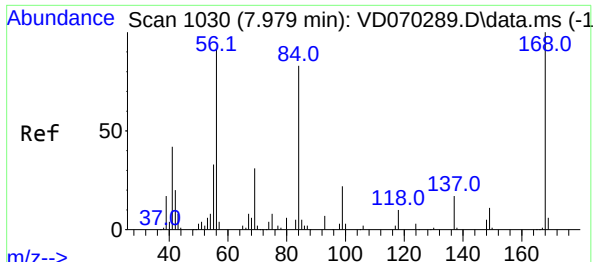
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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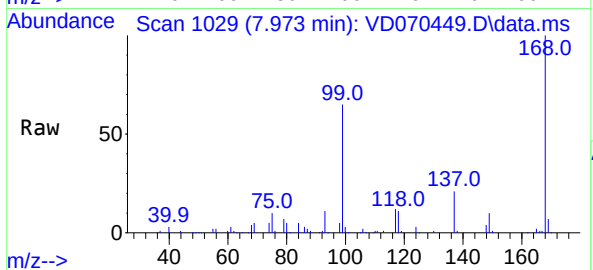
Quant Time: Sep 25 03:07:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration



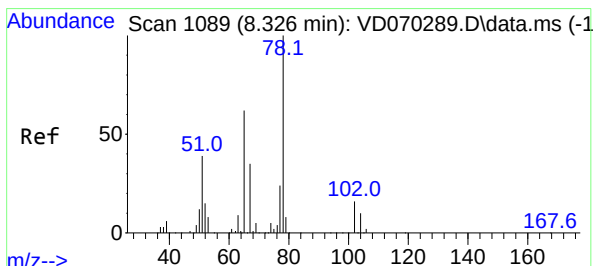
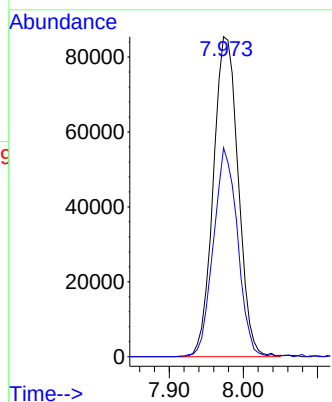
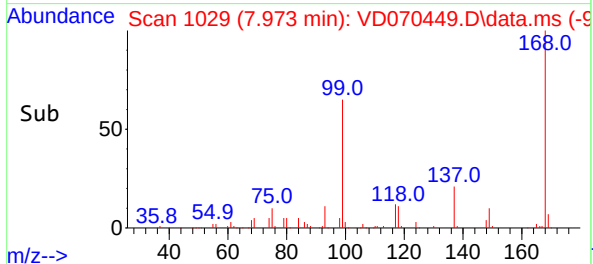


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070449.D
Acq: 24 Sep 2021 12:36

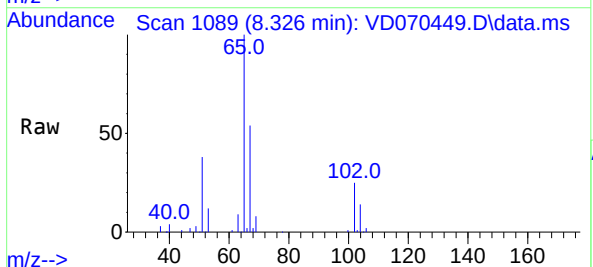
Instrument :
MSVOA_D
ClientSampleId :
RT-3032



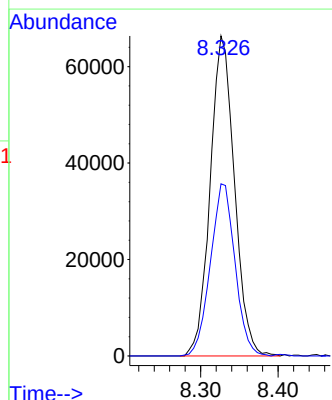
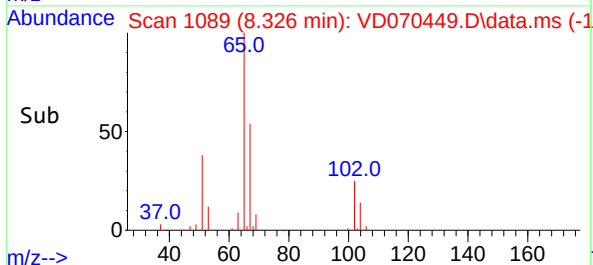
Tgt Ion:168 Resp: 199513
Ion Ratio Lower Upper
168 100
99 65.0 50.8 76.2

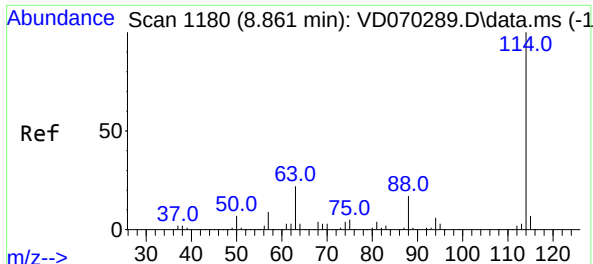


#33
1,2-Dichloroethane-d4
Concen: 56.39 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070449.D
Acq: 24 Sep 2021 12:36



Tgt Ion: 65 Resp: 144463
Ion Ratio Lower Upper
65 100
67 54.5 0.0 111.4



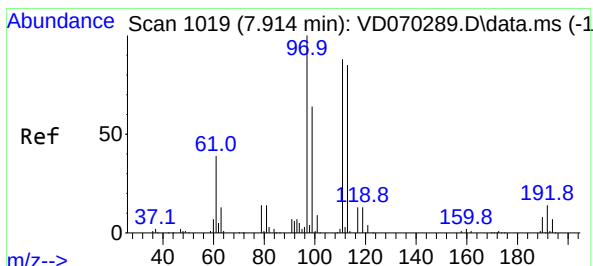
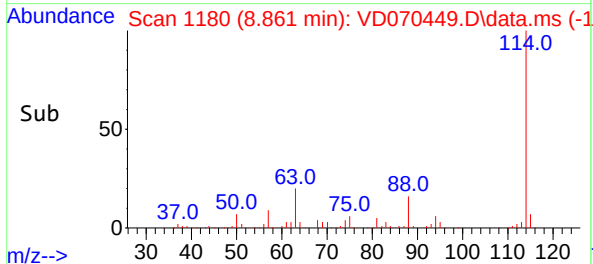
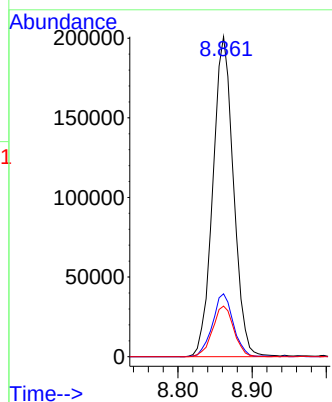
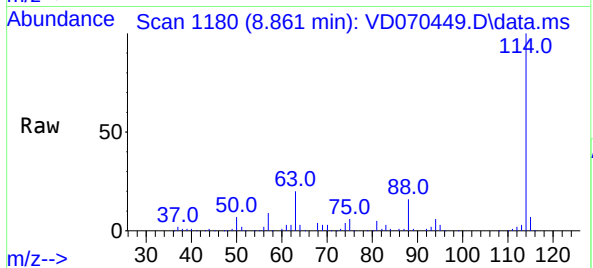


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070449.D
Acq: 24 Sep 2021 12:36

Instrument :
MSVOA_D
ClientSampleId :
RT-3032

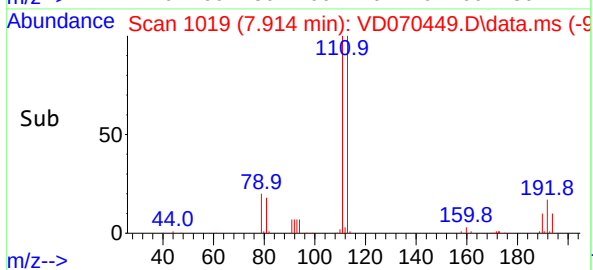
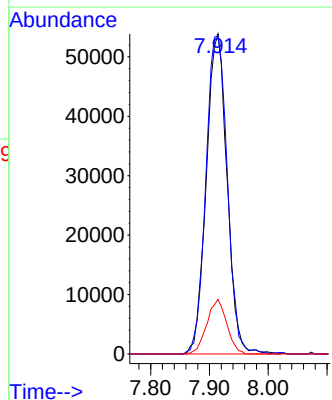
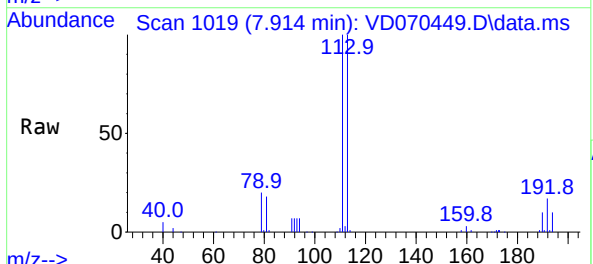
Tgt Ion:114 Resp: 387978
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.4
88 15.8 0.0 33.4

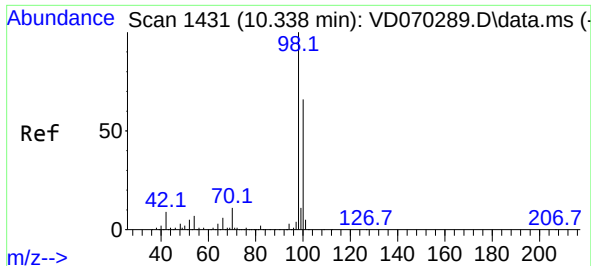


#35

Dibromofluoromethane
Concen: 47.88 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070449.D
Acq: 24 Sep 2021 12:36

Tgt Ion:113 Resp: 132238
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.2
192 16.3 13.0 19.6

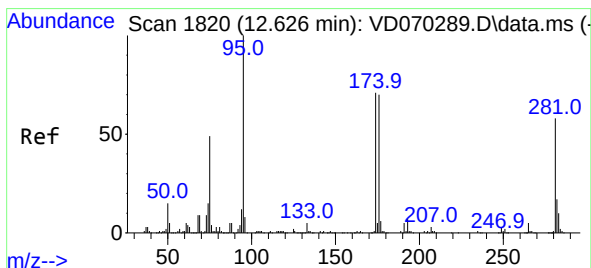
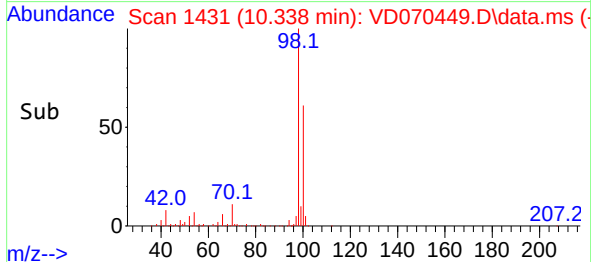
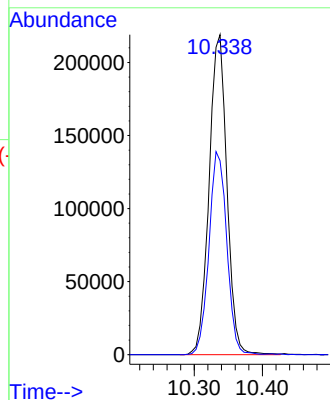
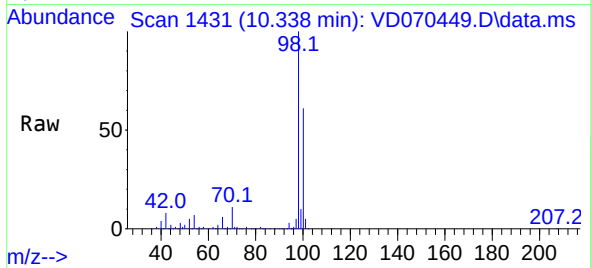




#50
Toluene-d8
Concen: 39.72 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070449.D
Acq: 24 Sep 2021 12:36

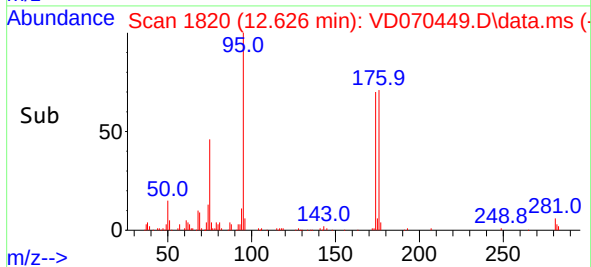
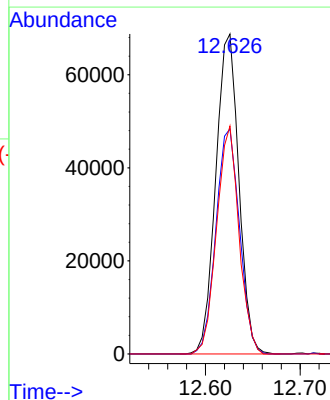
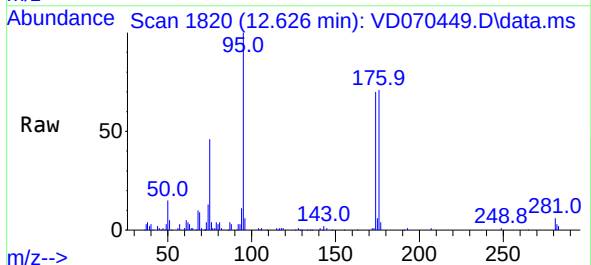
Instrument :
MSVOA_D
ClientSampleId :
RT-3032

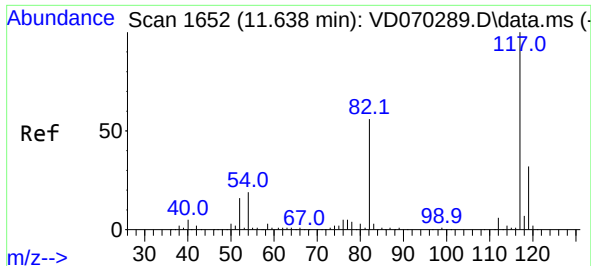
Tgt Ion: 98 Resp: 398224
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 33.17 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070449.D
Acq: 24 Sep 2021 12:36

Tgt Ion: 95 Resp: 116254
Ion Ratio Lower Upper
95 100
174 72.2 0.0 140.6
176 69.0 0.0 137.4

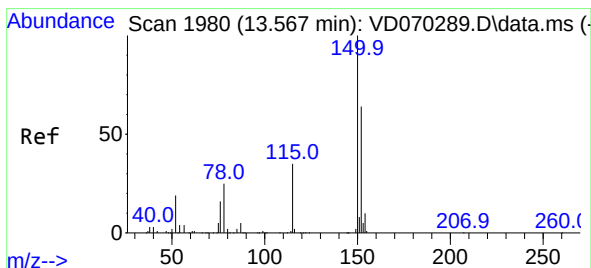
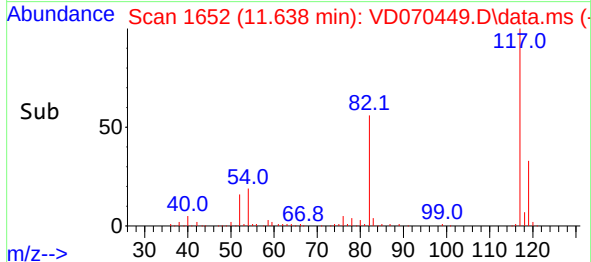
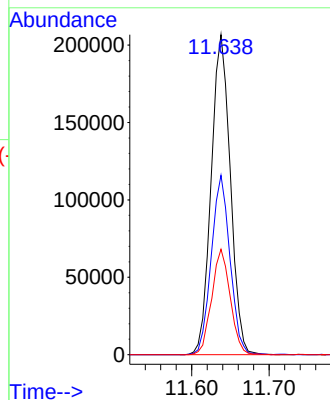
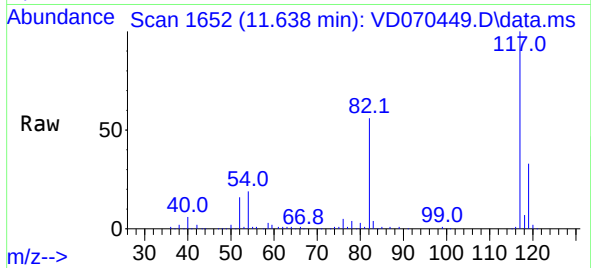




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070449.D
Acq: 24 Sep 2021 12:36

Instrument :
MSVOA_D
ClientSampled :
RT-3032

Tgt Ion:117 Resp: 354727
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 33.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070449.D
Acq: 24 Sep 2021 12:36

Tgt Ion:152 Resp: 117664
Ion Ratio Lower Upper
152 100
115 62.7 32.1 96.3
150 156.8 0.0 350.6

