

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121621\
 Data File : VD071362.D
 Acq On : 16 Dec 2021 12:48
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Dec 16 23:47:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	4918413	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.855	114	13465819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	15032960	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	7291727	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	4654118	80.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	161.280%
35) Dibromofluoromethane	7.909	113	4348152	50.708	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.420%
50) Toluene-d8	10.332	98	17627139	54.018	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.040%
62) 4-Bromofluorobenzene	12.620	95	7481818	66.144	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	132.280%

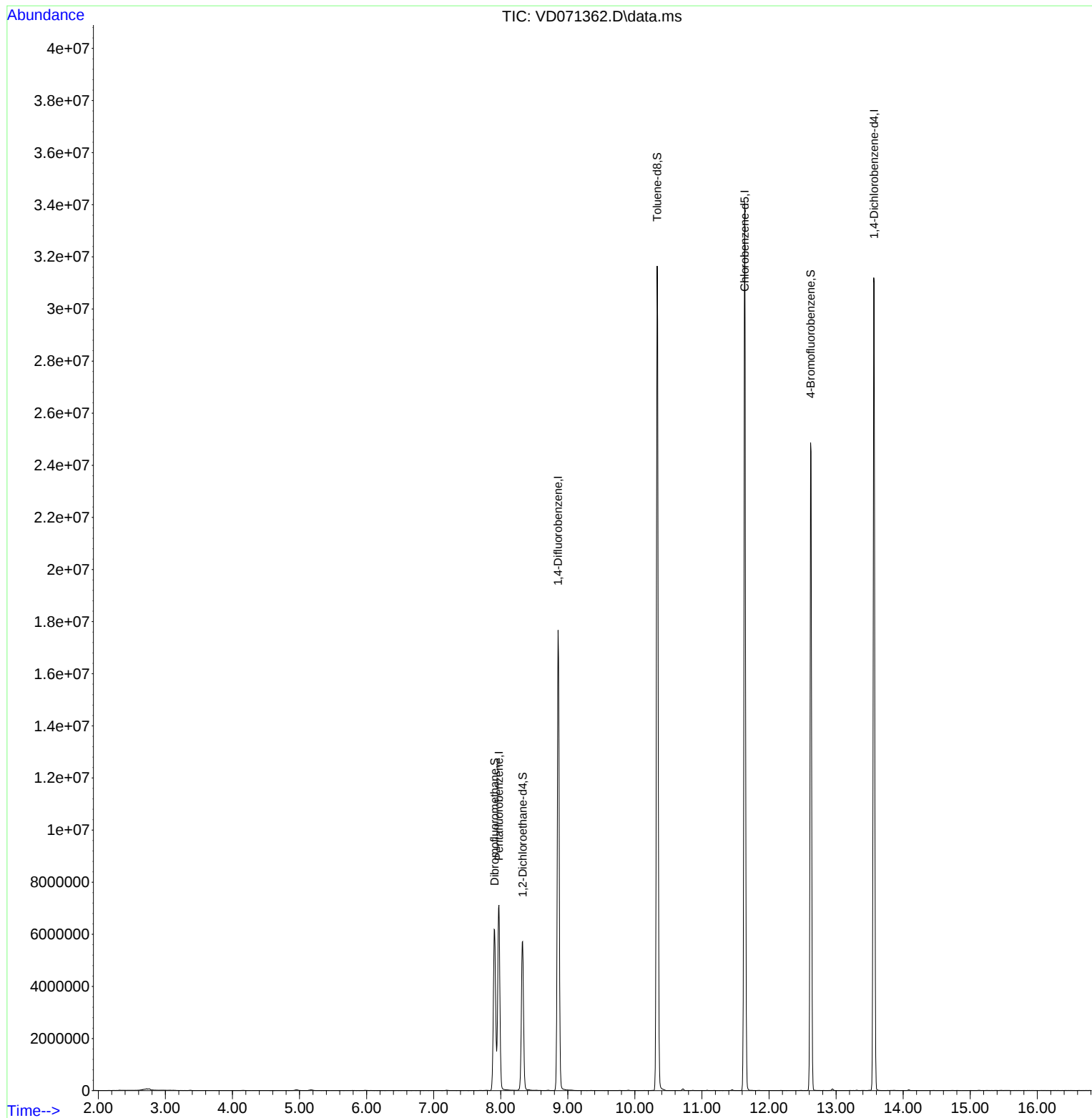
Target Compounds	Qvalue

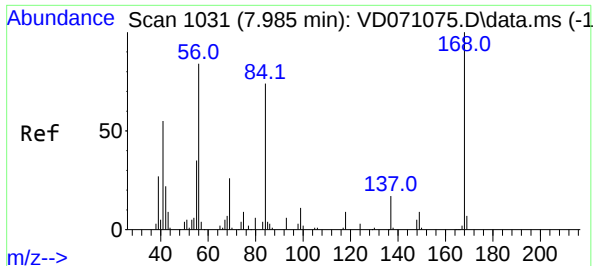
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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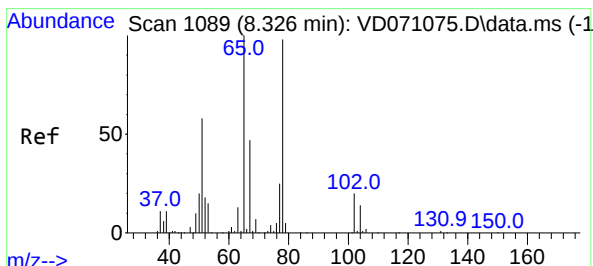
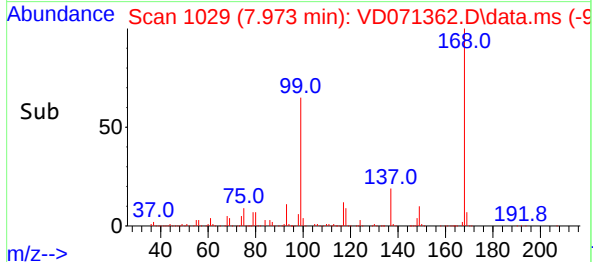
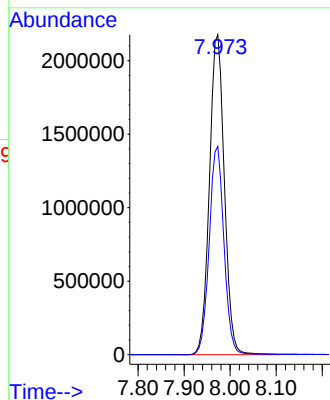
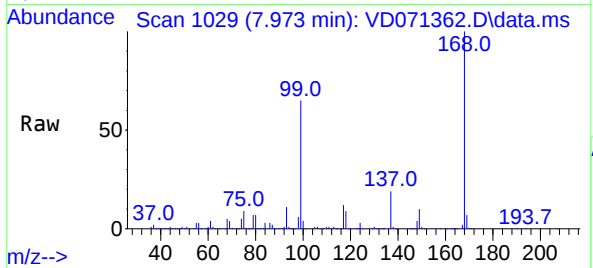




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071362.D
Acq: 16 Dec 2021 12:48

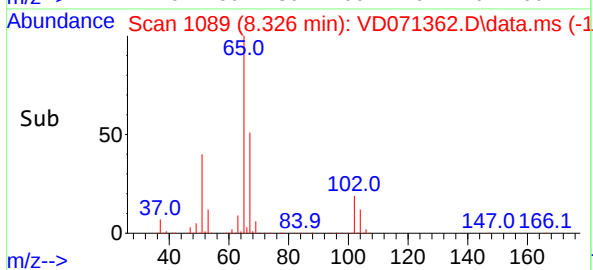
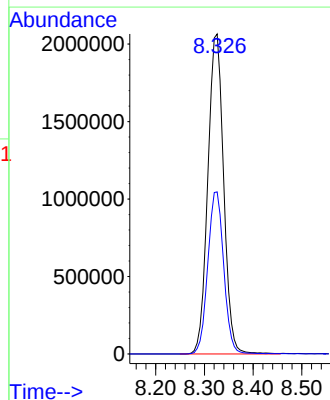
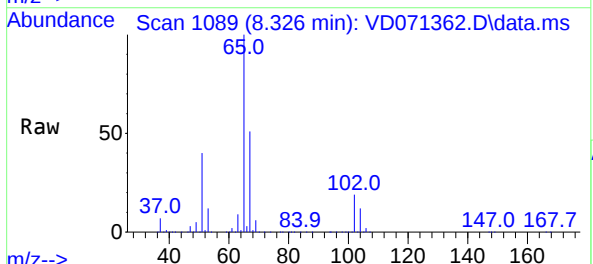
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

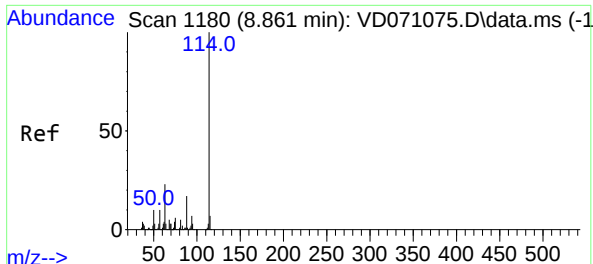
Tgt Ion:168 Resp: 4918413
Ion Ratio Lower Upper
168 100
99 65.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 80.644 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071362.D
Acq: 16 Dec 2021 12:48

Tgt Ion: 65 Resp: 4654118
Ion Ratio Lower Upper
65 100
67 51.0 0.0 112.2

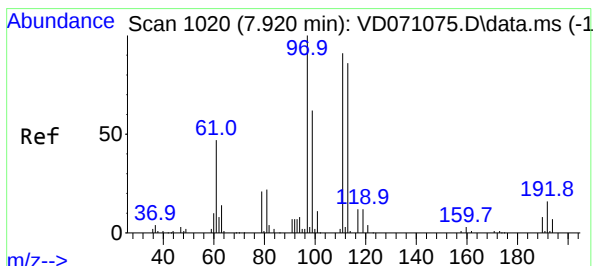
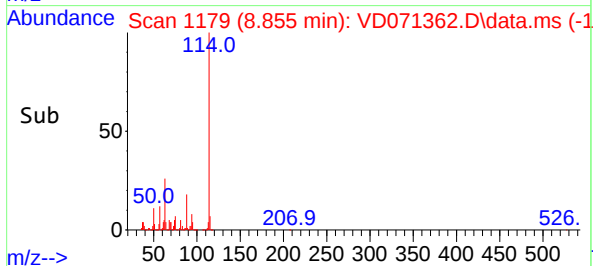
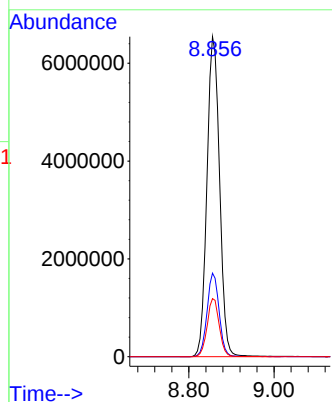
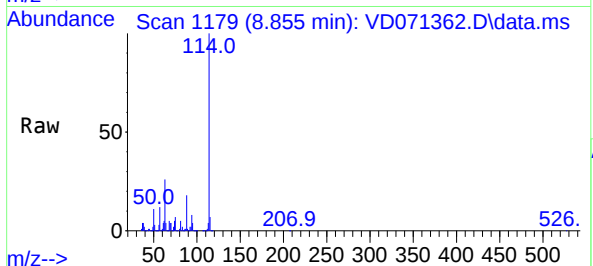




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071362.D
Acq: 16 Dec 2021 12:48

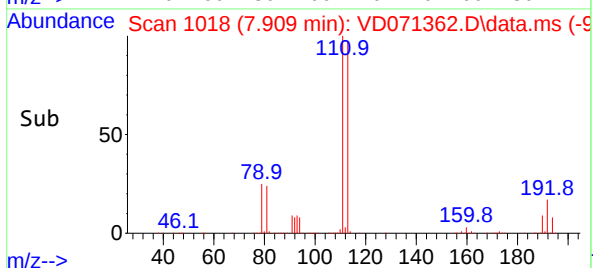
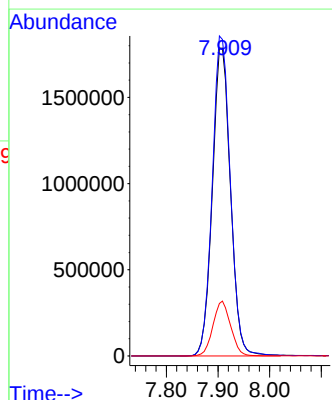
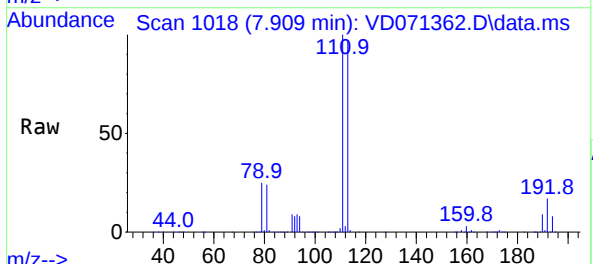
Instrument :
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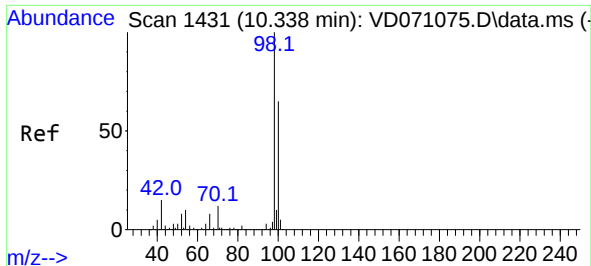
Tgt Ion:114 Resp:13465819
Ion Ratio Lower Upper
114 100
63 26.1 0.0 41.8
88 18.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.708 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.011 min
Lab File: VD071362.D
Acq: 16 Dec 2021 12:48

Tgt Ion:113 Resp: 4348152
Ion Ratio Lower Upper
113 100
111 103.6 82.0 123.0
192 17.5 15.2 22.8

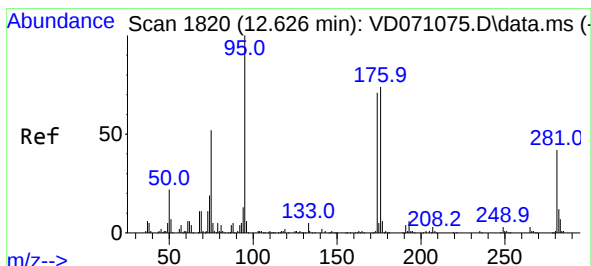
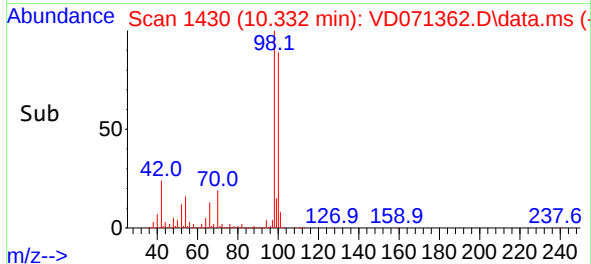
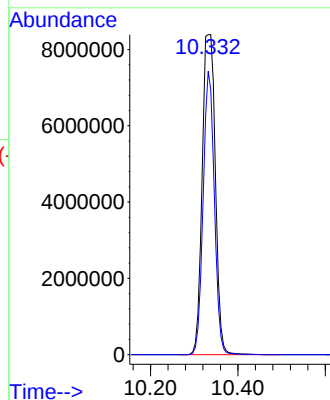
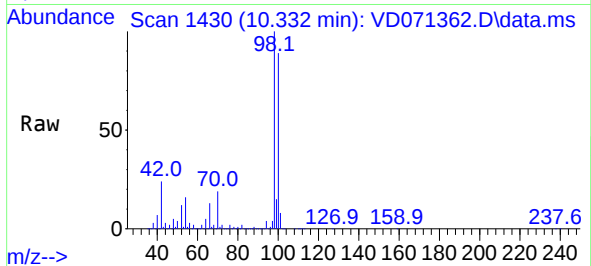




#50
Toluene-d8
Concen: 54.018 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071362.D
Acq: 16 Dec 2021 12:48

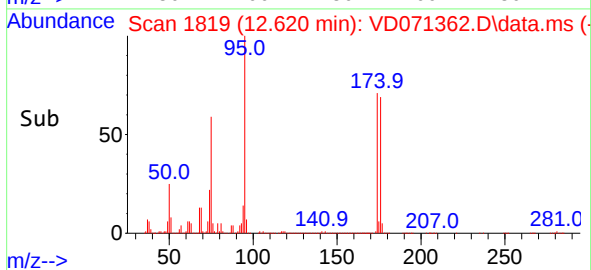
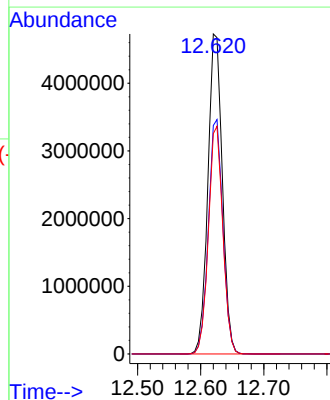
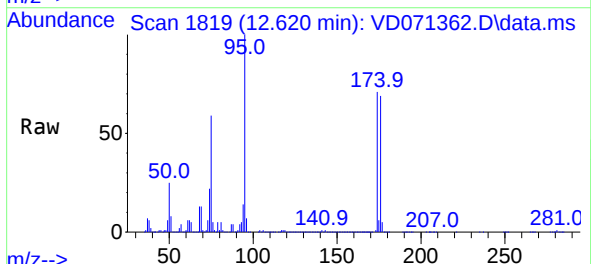
Instrument :
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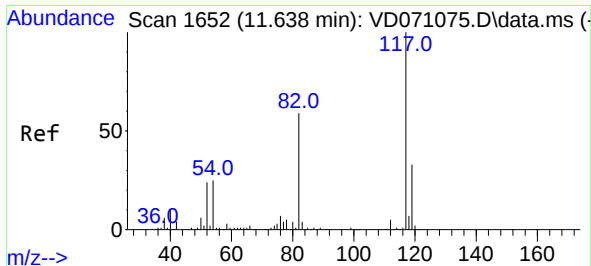
Tgt Ion: 98 Resp:17627139
Ion Ratio Lower Upper
98 100
100 75.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 66.144 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071362.D
Acq: 16 Dec 2021 12:48

Tgt Ion: 95 Resp: 7481818
Ion Ratio Lower Upper
95 100
174 73.5 0.0 159.4
176 70.9 0.0 154.0

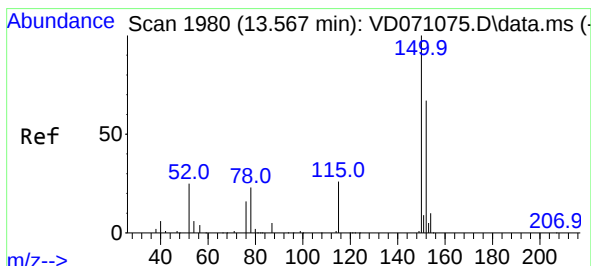
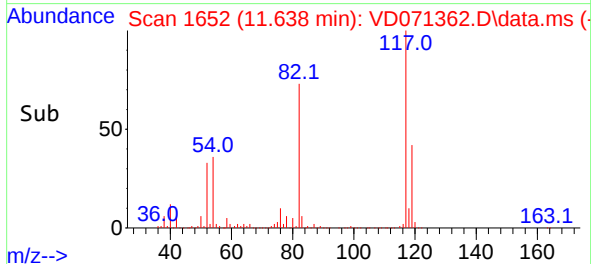
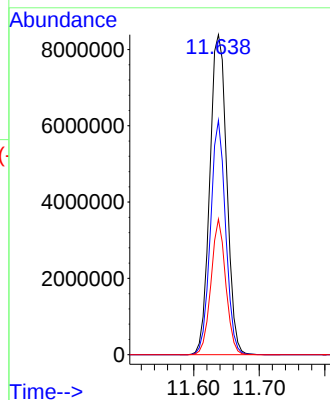
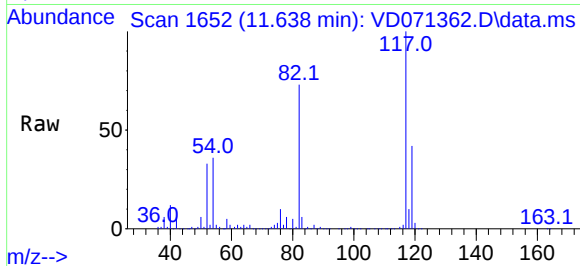




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071362.D
Acq: 16 Dec 2021 12:48

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp:15032960
Ion Ratio Lower Upper
117 100
82 73.2 44.7 67.1#
119 42.3 26.2 39.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071362.D
Acq: 16 Dec 2021 12:48

Tgt Ion:152 Resp: 7291727
Ion Ratio Lower Upper
152 100
115 64.1 29.8 89.3
150 150.9 0.0 349.2

