

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121621\
 Data File : VD071369.D
 Acq On : 16 Dec 2021 16:07
 Operator : VA/SY
 Sample : M5111-02
 Misc : 5.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2

Quant Time: Dec 16 23:50:04 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	7.979	168	390135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	679094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	610841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257078	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	236861	51.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.480%
35) Dibromofluoromethane	7.908	113	222802	51.522	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.040%
50) Toluene-d8	10.332	98	865608	52.600	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.626	95	274637	48.144	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.280%

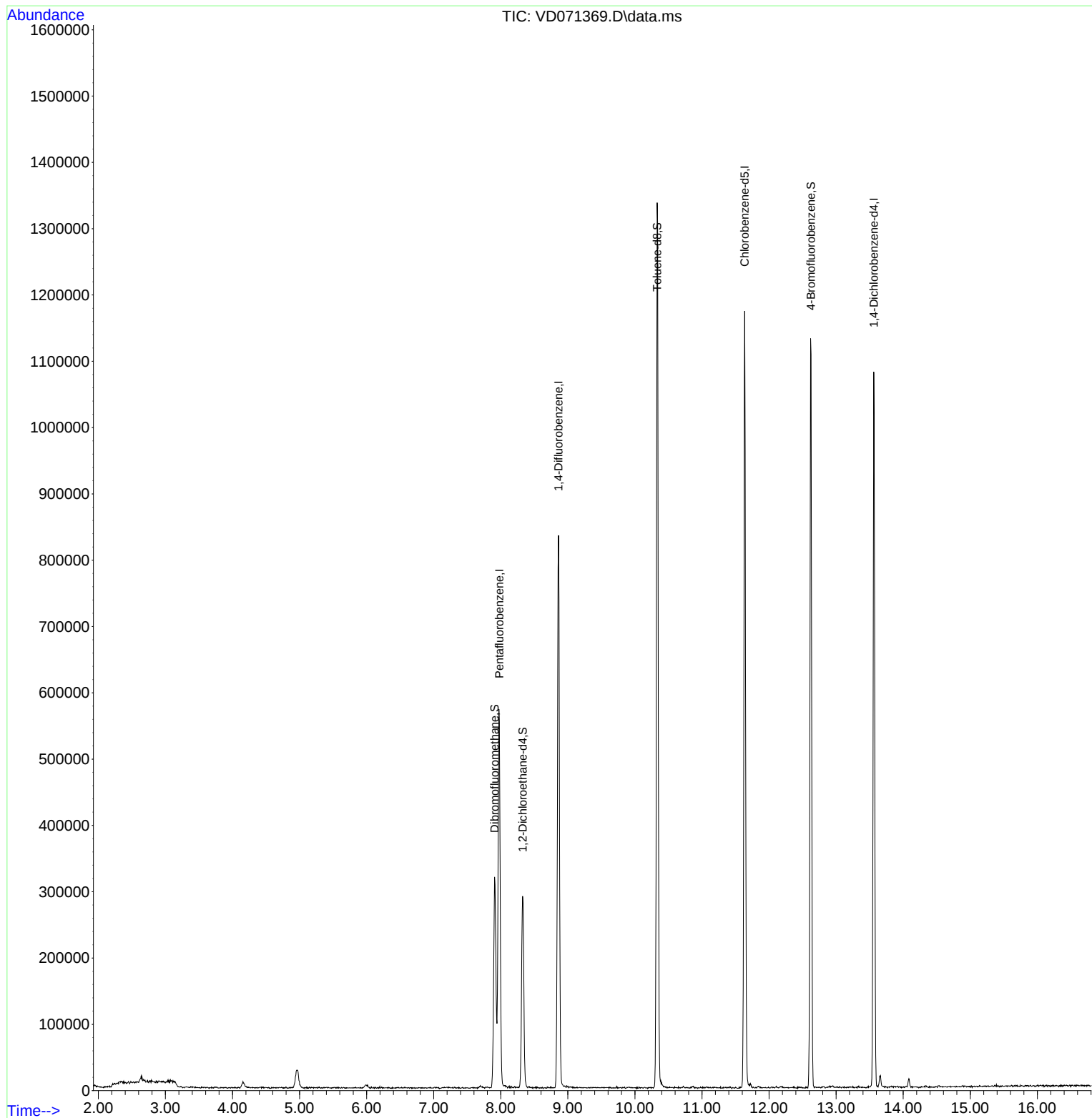
Target Compounds	Qvalue

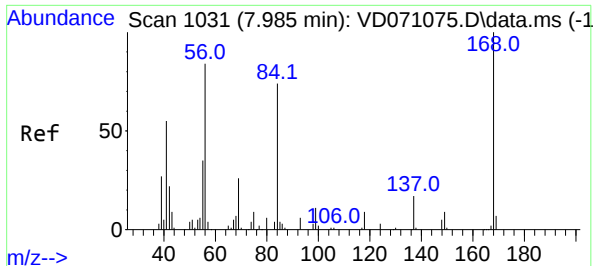
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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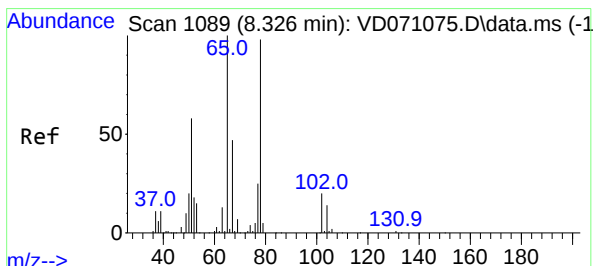
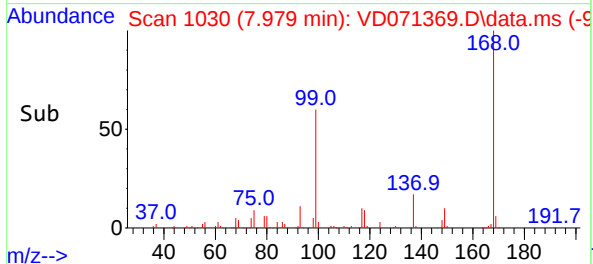
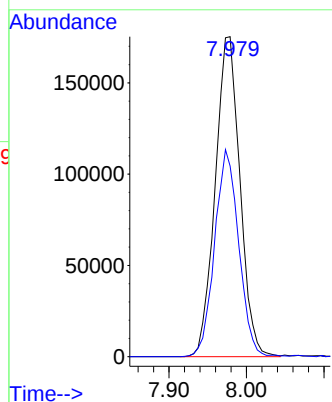
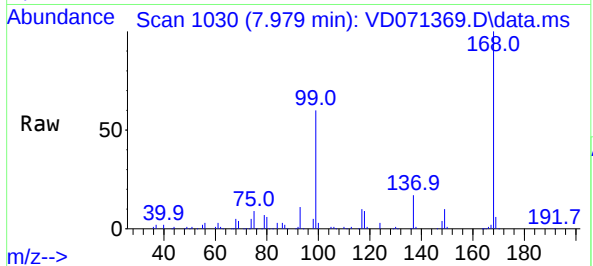




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071369.D
Acq: 16 Dec 2021 16:07

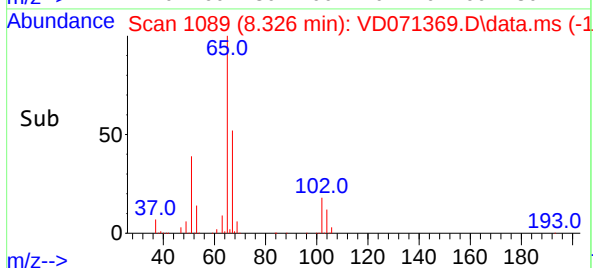
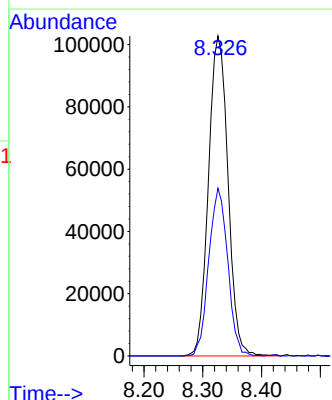
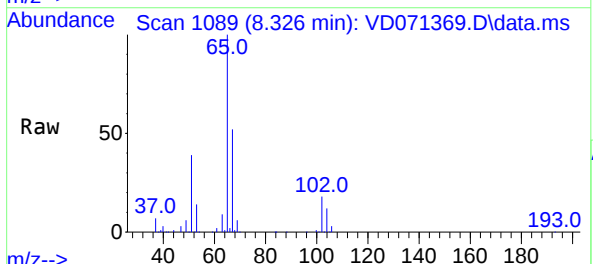
Instrument :
MSVOA_D
ClientSampleId :
SB-2

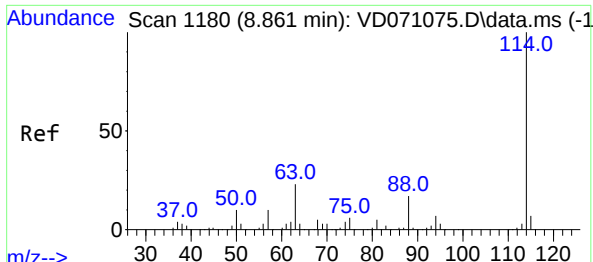
Tgt Ion:168 Resp: 390135
Ion Ratio Lower Upper
168 100
99 59.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 51.741 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071369.D
Acq: 16 Dec 2021 16:07

Tgt Ion: 65 Resp: 236861
Ion Ratio Lower Upper
65 100
67 51.1 0.0 112.2



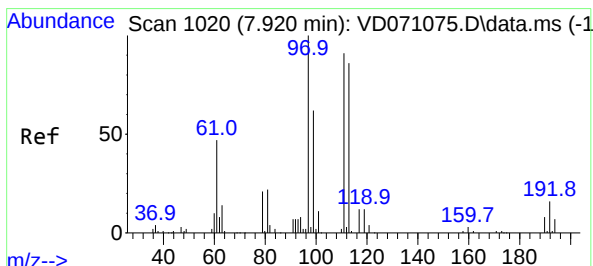
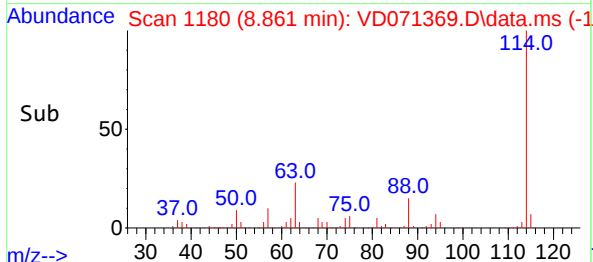
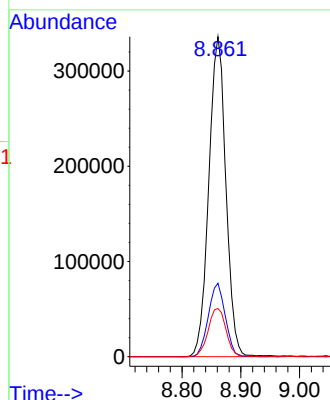
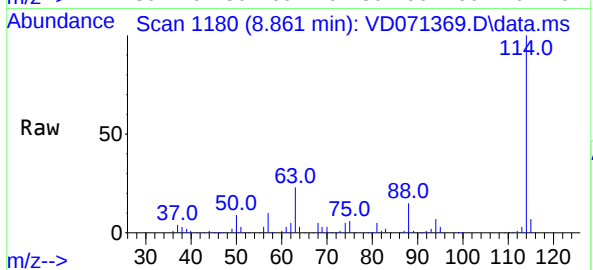


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071369.D
Acq: 16 Dec 2021 16:07

Instrument :
MSVOA_D
ClientSampleId :
SB-2

Tgt Ion:114 Resp: 679094

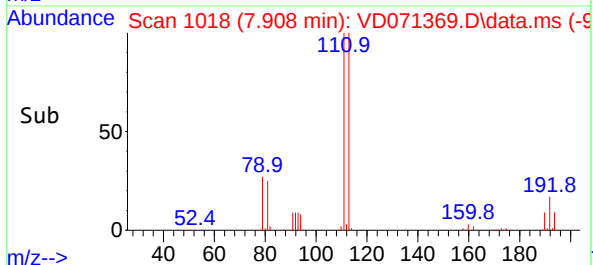
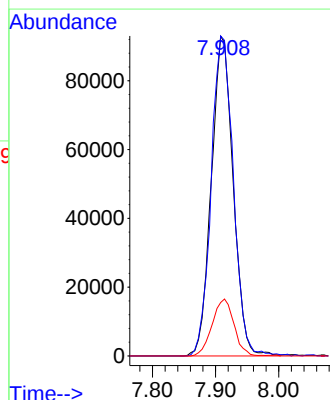
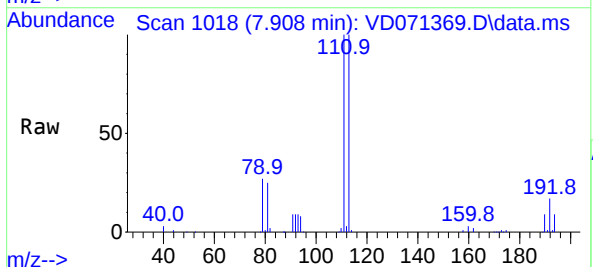
Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	41.8
88	15.1	0.0	32.8

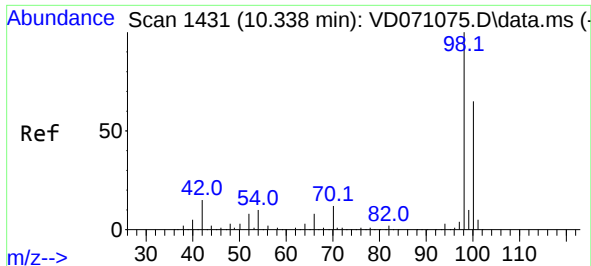


#35
Dibromofluoromethane
Concen: 51.522 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD071369.D
Acq: 16 Dec 2021 16:07

Tgt Ion:113 Resp: 222802

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	17.8	15.2	22.8

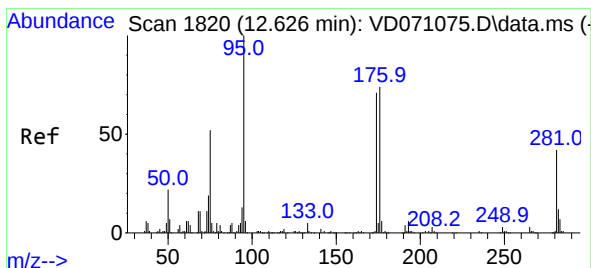
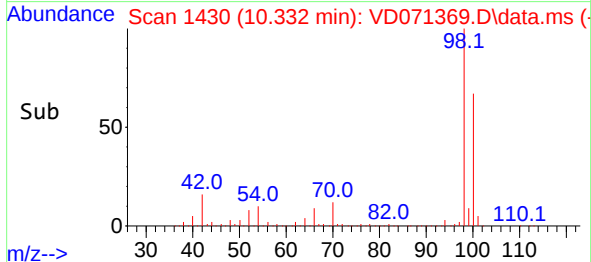
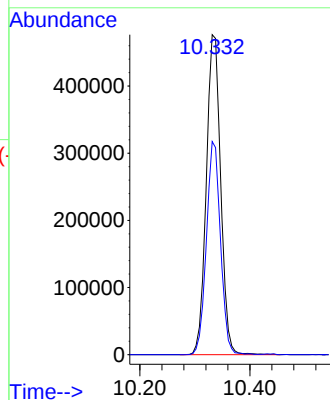
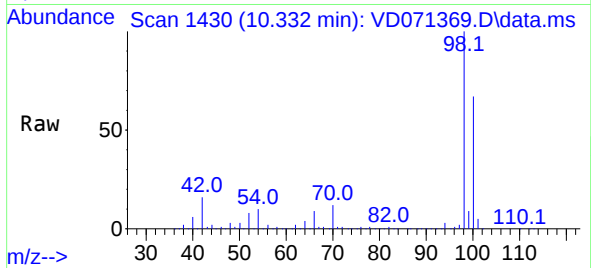




#50
Toluene-d8
Concen: 52.600 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071369.D
Acq: 16 Dec 2021 16:07

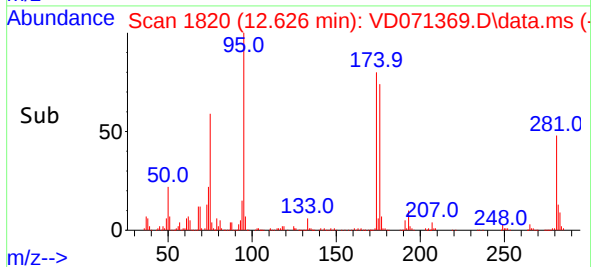
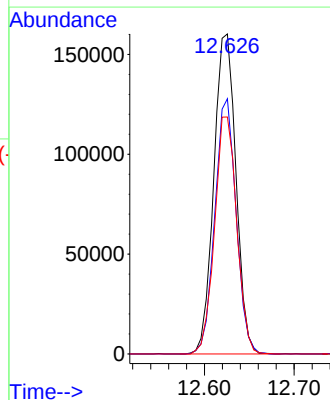
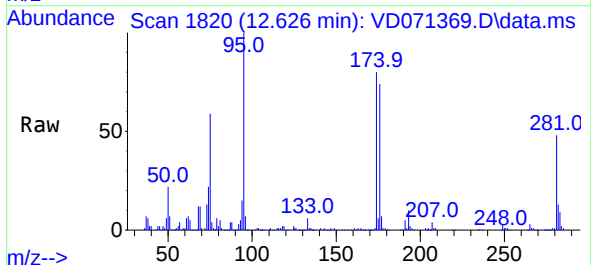
Instrument :
MSVOA_D
ClientSampleId :
SB-2

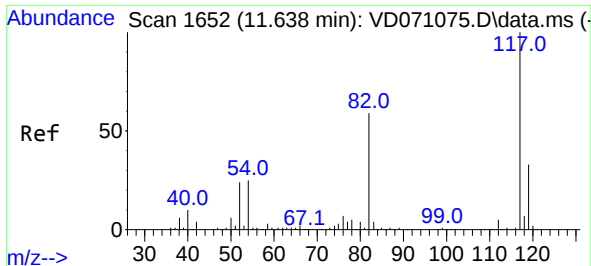
Tgt Ion: 98 Resp: 865608
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.144 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071369.D
Acq: 16 Dec 2021 16:07

Tgt Ion: 95 Resp: 274637
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.4
176 74.0 0.0 154.0

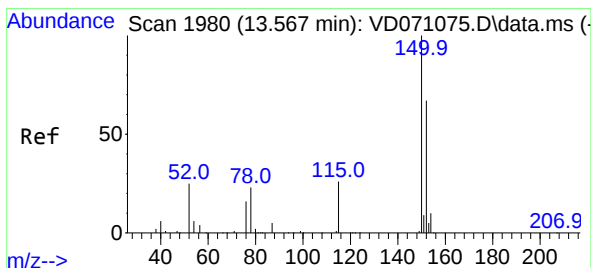
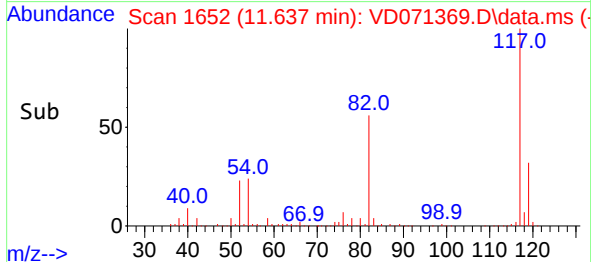
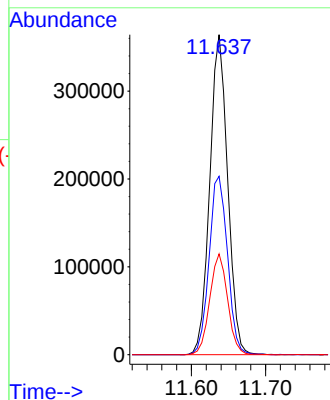
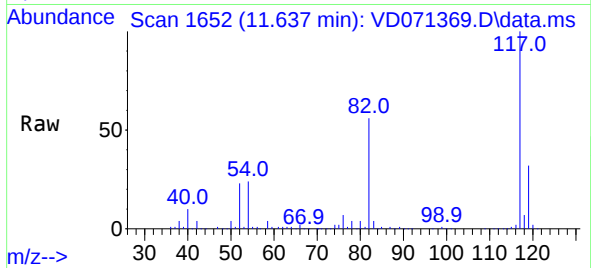




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071369.D
Acq: 16 Dec 2021 16:07

Instrument :
MSVOA_D
ClientSampleId :
SB-2

Tgt Ion:117 Resp: 610841
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071369.D
Acq: 16 Dec 2021 16:07

Tgt Ion:152 Resp: 257078
Ion Ratio Lower Upper
152 100
115 61.2 29.8 89.3
150 156.6 0.0 349.2

