

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121621\
 Data File : VD071370.D
 Acq On : 16 Dec 2021 16:36
 Operator : VA/SY
 Sample : M5111-03
 Misc : 5.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Quant Time: Dec 16 23:50:23 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	169808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	304991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	295645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	135327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	148749	74.654	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.300%
35) Dibromofluoromethane	7.909	113	111435	57.377	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.760%
50) Toluene-d8	10.332	98	393609	53.256	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.520%
62) 4-Bromofluorobenzene	12.620	95	136841	53.413	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.820%

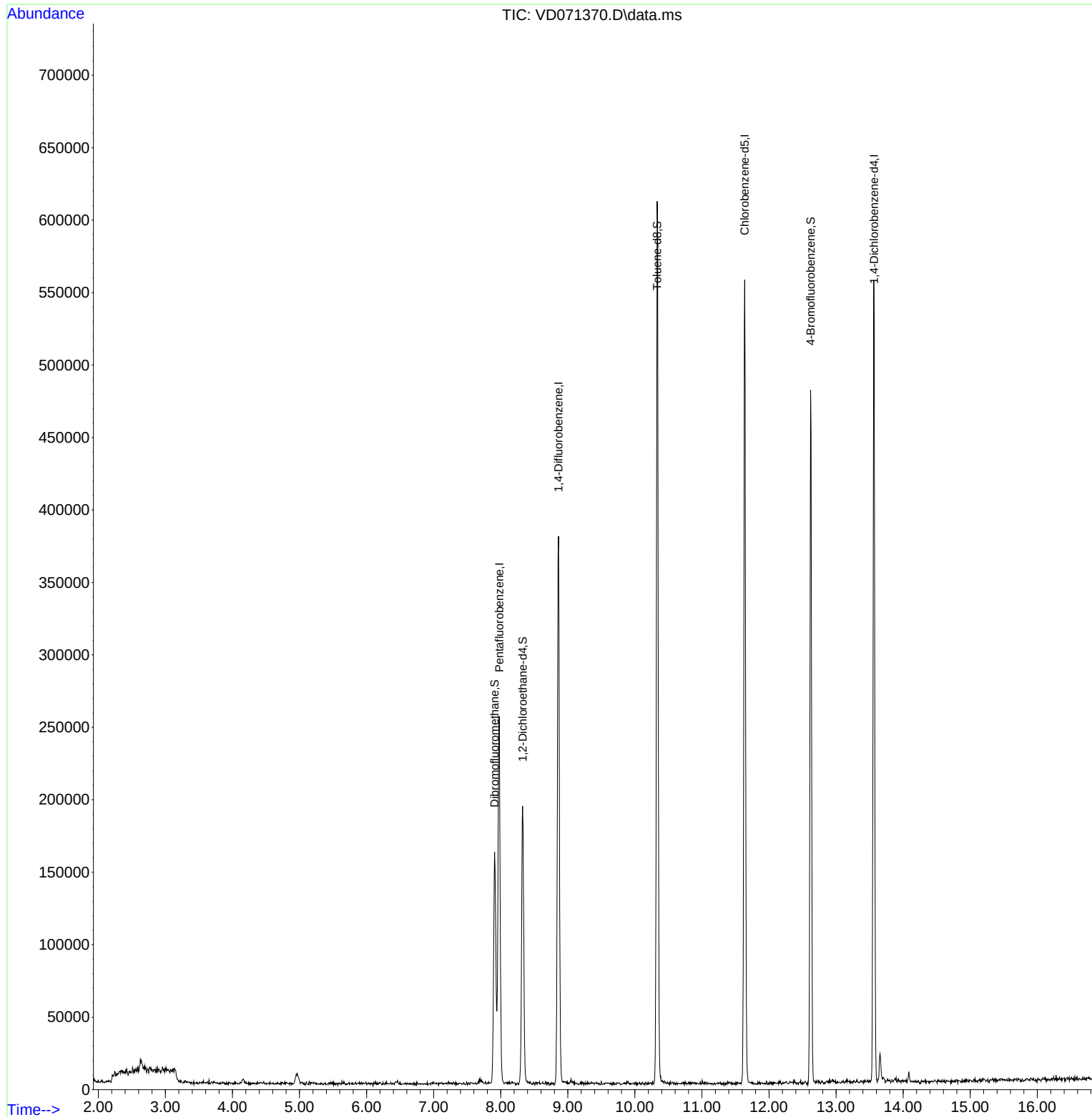
Target Compounds	Qvalue

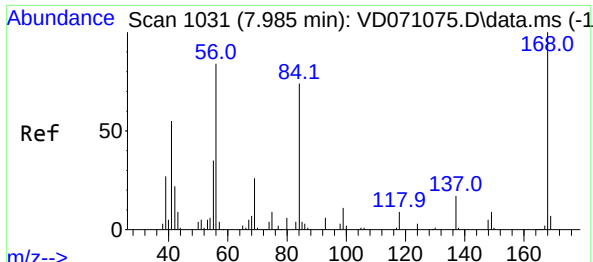
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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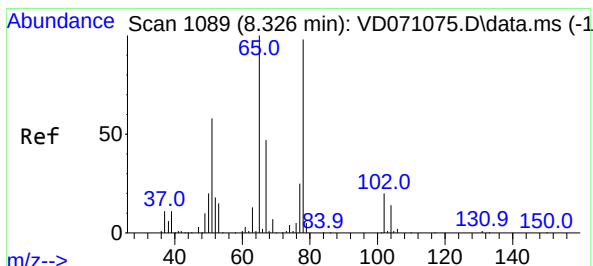
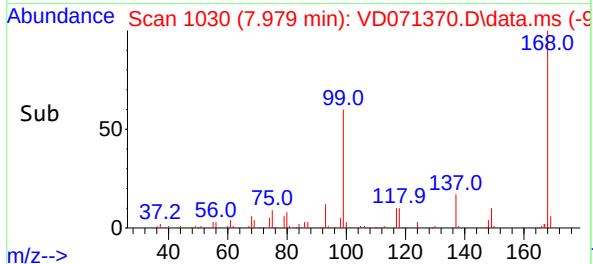
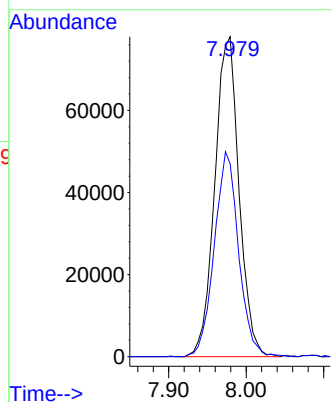
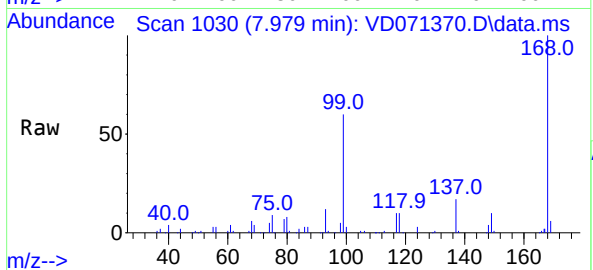




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071370.D
Acq: 16 Dec 2021 16:36

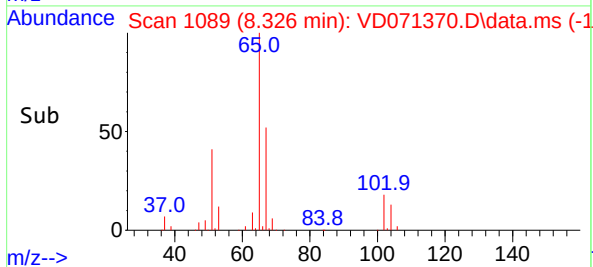
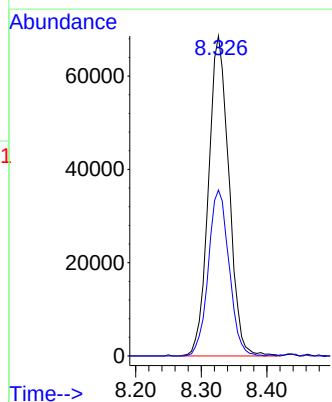
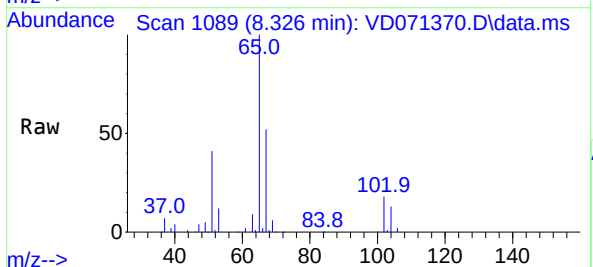
Instrument :
MSVOA_D
ClientSampleId :
SB-3

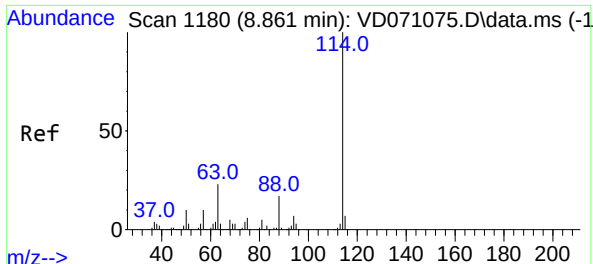
Tgt Ion:168 Resp: 169808
Ion Ratio Lower Upper
168 100
99 60.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 74.654 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071370.D
Acq: 16 Dec 2021 16:36

Tgt Ion: 65 Resp: 148749
Ion Ratio Lower Upper
65 100
67 52.4 0.0 112.2



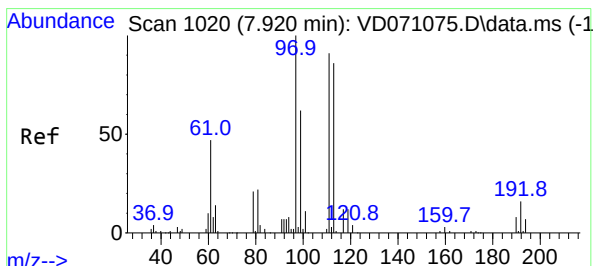
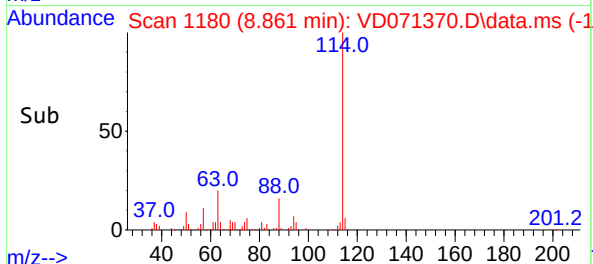
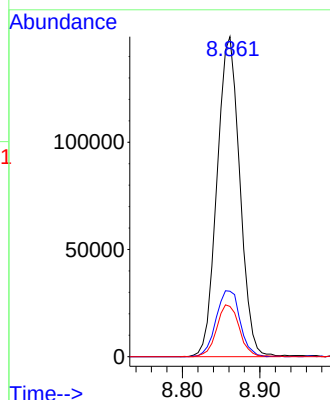
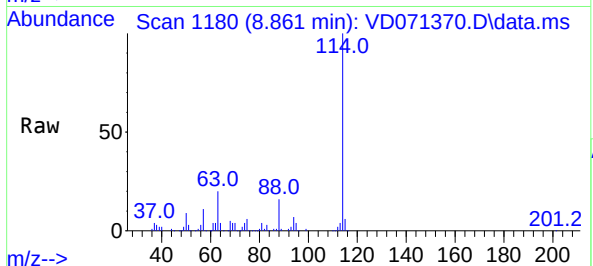


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071370.D
Acq: 16 Dec 2021 16:36

Instrument :
MSVOA_D
ClientSampleId :
SB-3

Tgt Ion:114 Resp: 304991

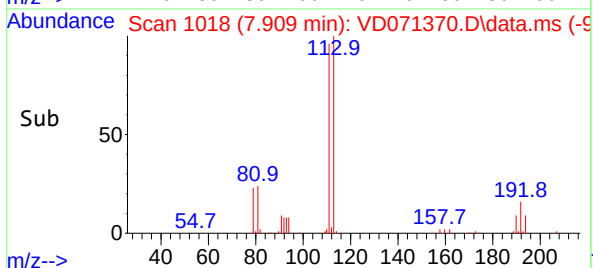
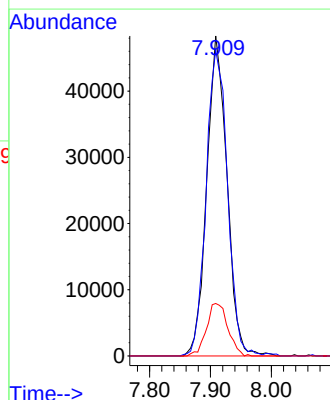
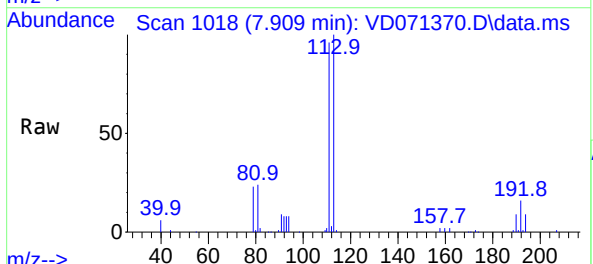
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.8
88	15.7	0.0	32.8

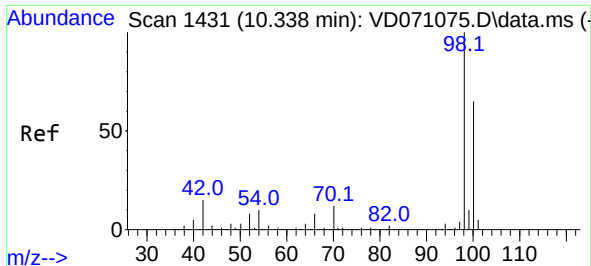


#35
Dibromofluoromethane
Concen: 57.377 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.011 min
Lab File: VD071370.D
Acq: 16 Dec 2021 16:36

Tgt Ion:113 Resp: 111435

Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.0	123.0
192	17.3	15.2	22.8

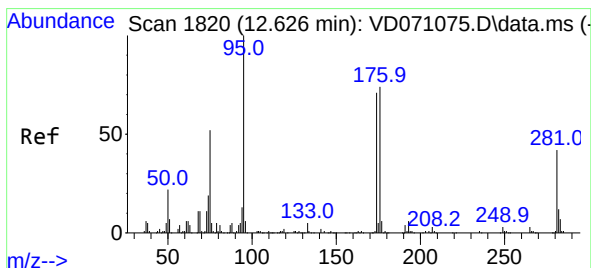
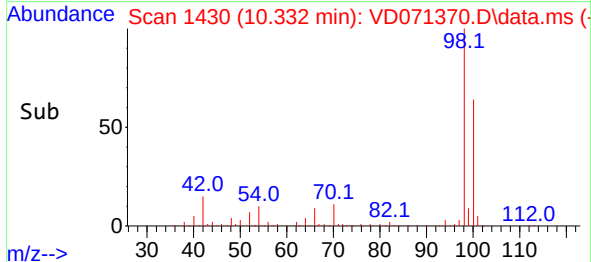
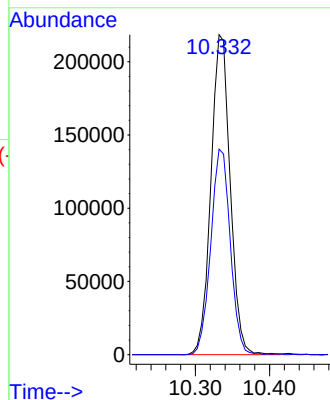
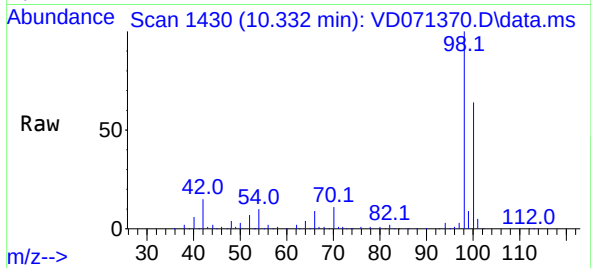




#50
Toluene-d8
Concen: 53.256 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071370.D
Acq: 16 Dec 2021 16:36

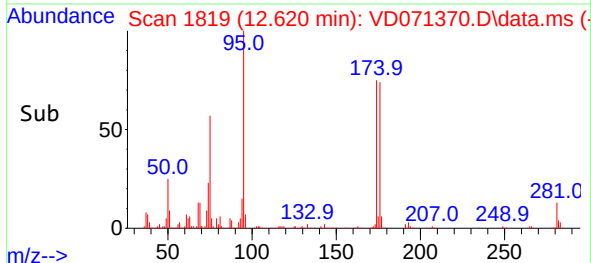
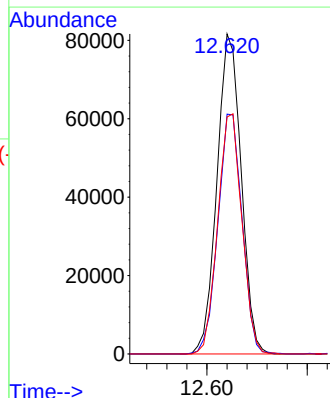
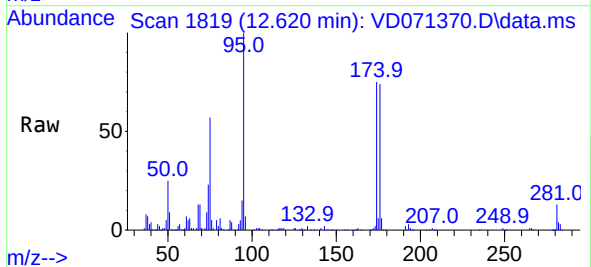
Instrument :
MSVOA_D
ClientSampleId :
SB-3

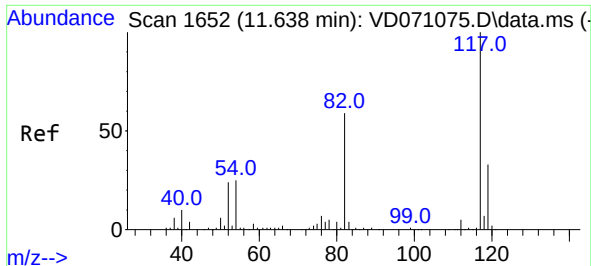
Tgt Ion: 98 Resp: 393609
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.413 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071370.D
Acq: 16 Dec 2021 16:36

Tgt Ion: 95 Resp: 136841
Ion Ratio Lower Upper
95 100
174 74.7 0.0 159.4
176 74.7 0.0 154.0

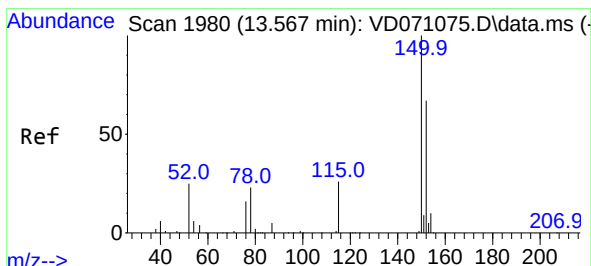
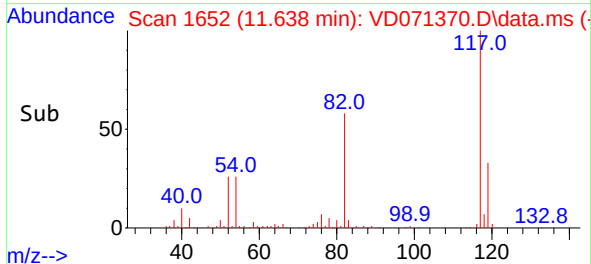
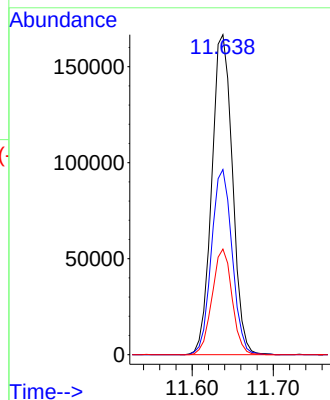
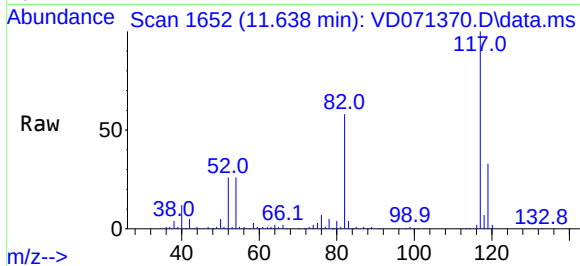




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071370.D
Acq: 16 Dec 2021 16:36

Instrument :
MSVOA_D
ClientSampleId :
SB-3

Tgt Ion:	117	Resp:	295645
Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.7	67.1
119	33.0	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: VD071370.D
Acq: 16 Dec 2021 16:36

Tgt Ion:	152	Resp:	135327
Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.8	89.3
150	156.5	0.0	349.2

