

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071467.D
 Acq On : 25 Dec 2021 19:32
 Operator : VA/SY
 Sample : M5184-06RE
 Misc : 5.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6RE

Quant Time: Dec 27 00:51:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	392894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	713426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	650347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	286921	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245602	47.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.140%
35) Dibromofluoromethane	7.914	113	224172	46.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.500%
50) Toluene-d8	10.332	98	901614	49.759	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.620	95	295604	45.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.820%

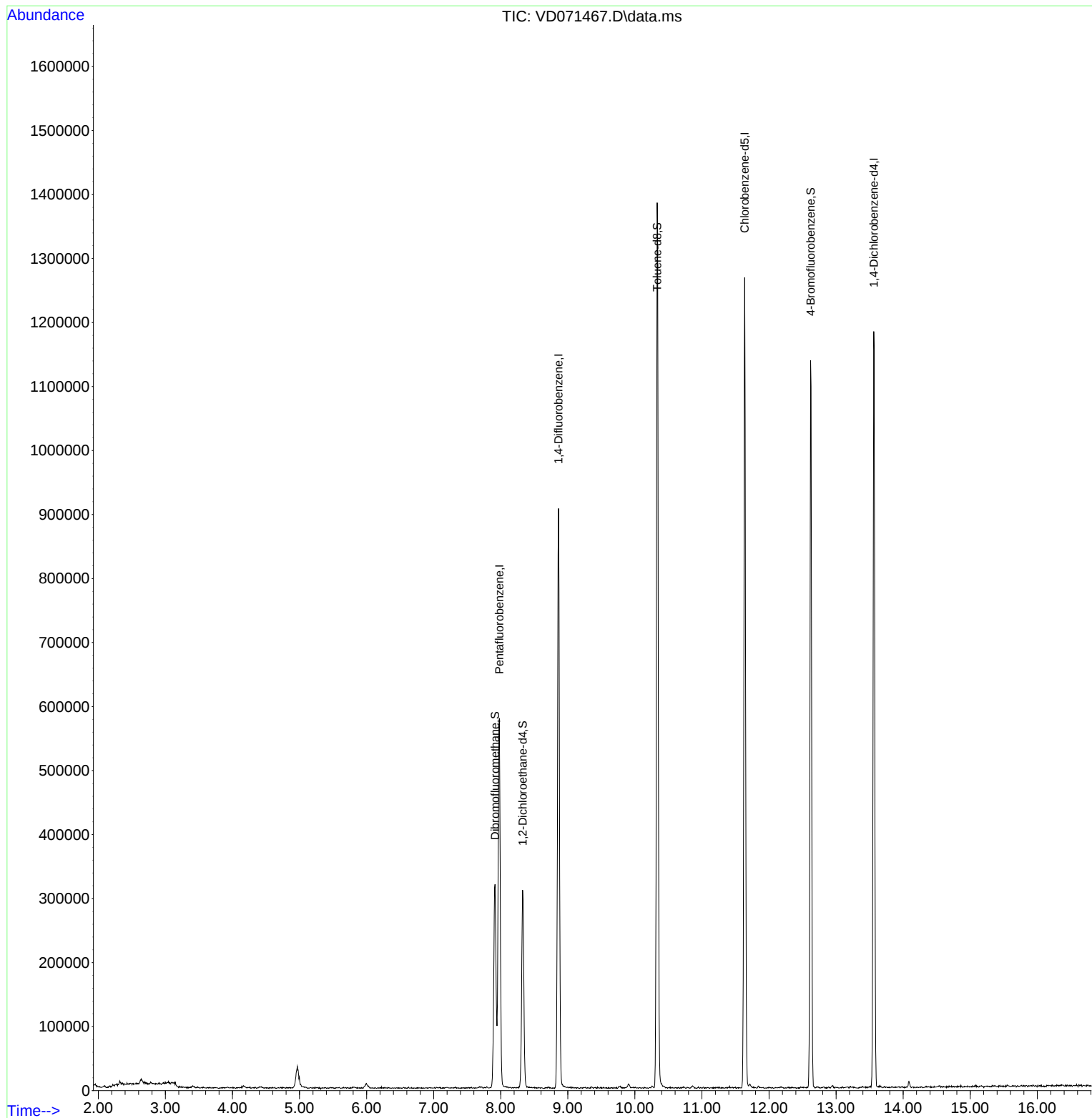
Target Compounds	Qvalue

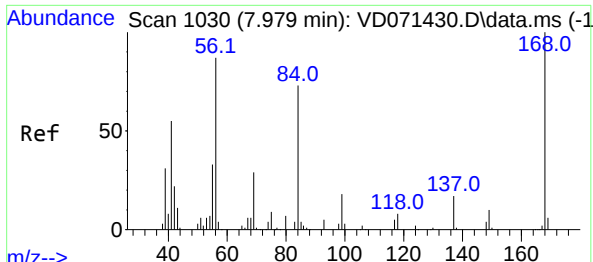
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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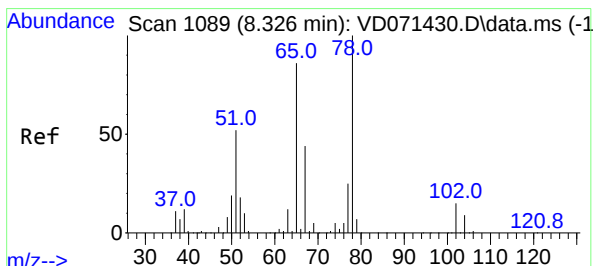
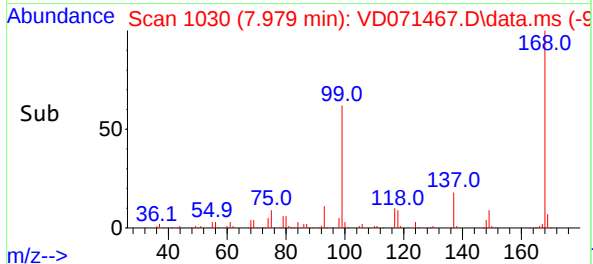
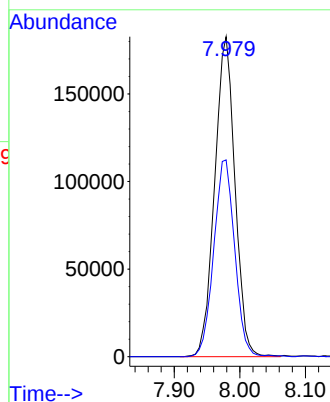
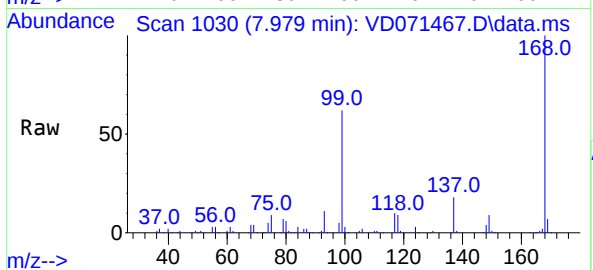




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

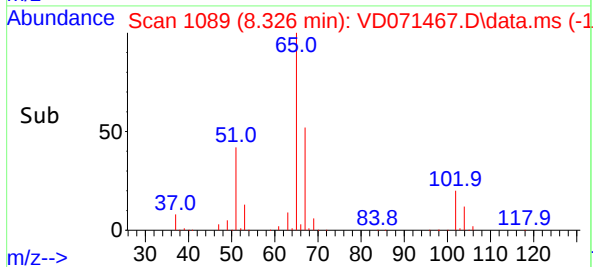
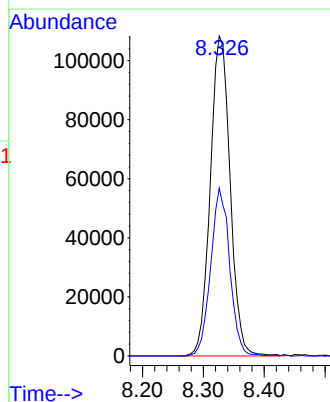
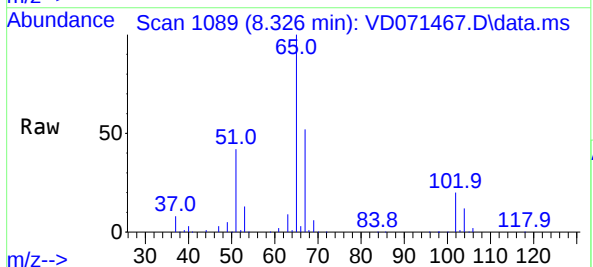
Instrument :
MSVOA_D
ClientSampleId :
SB-6RE

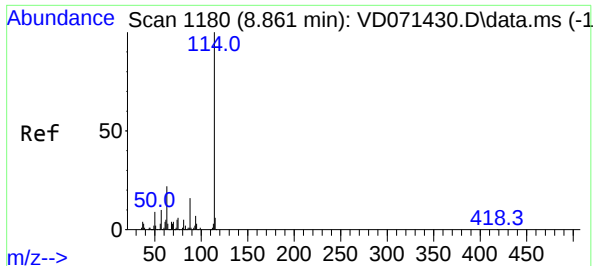
Tgt Ion:168 Resp: 392894
Ion Ratio Lower Upper
168 100
99 61.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 47.068 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

Tgt Ion: 65 Resp: 245602
Ion Ratio Lower Upper
65 100
67 50.2 0.0 112.2

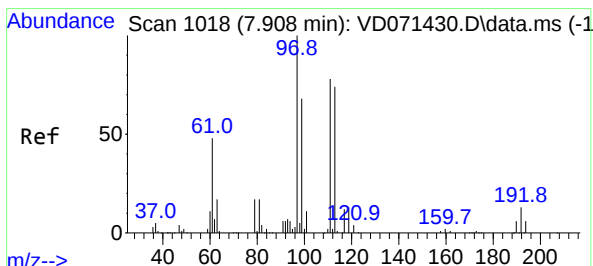
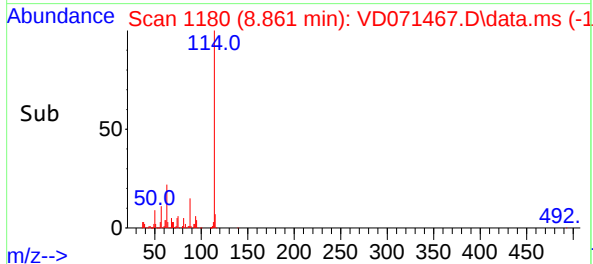
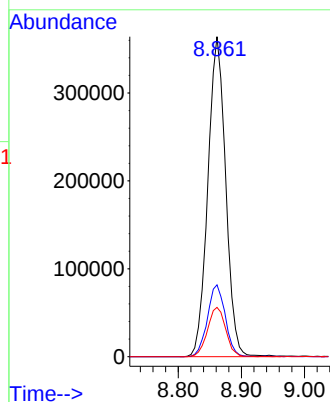
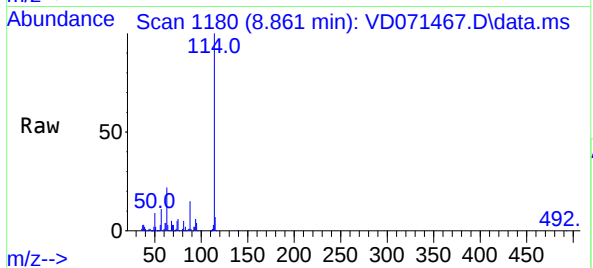




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

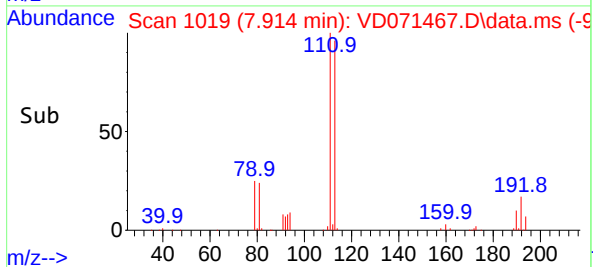
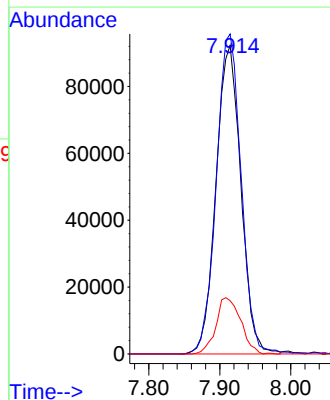
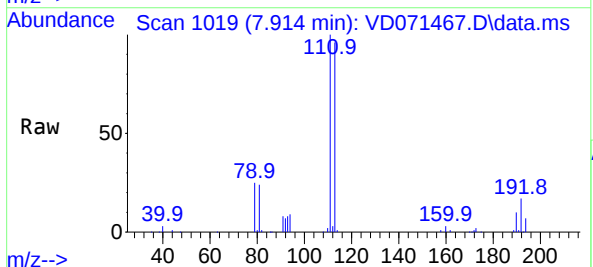
Instrument :
MSVOA_D
ClientSampleId :
SB-6RE

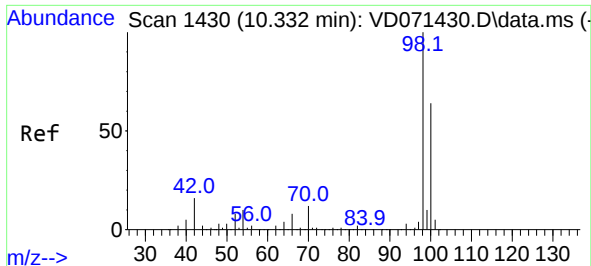
Tgt Ion:114 Resp: 713426
Ion Ratio Lower Upper
114 100
63 22.5 0.0 41.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.753 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

Tgt Ion:113 Resp: 224172
Ion Ratio Lower Upper
113 100
111 103.4 82.0 123.0
192 18.2 15.2 22.8

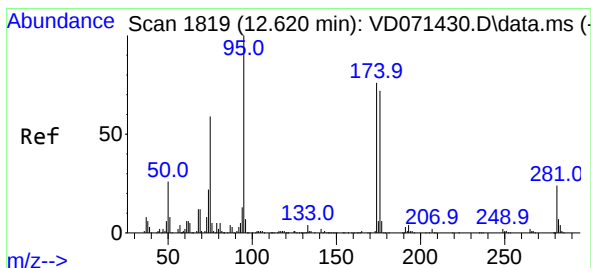
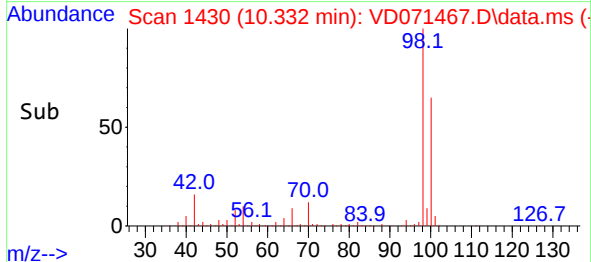
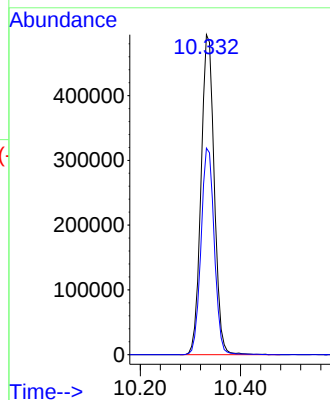
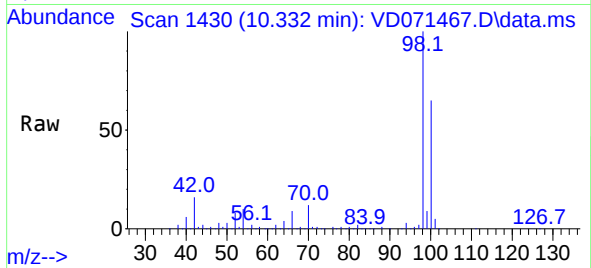




#50
Toluene-d8
Concen: 49.759 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

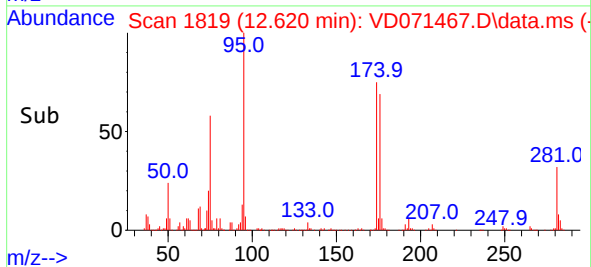
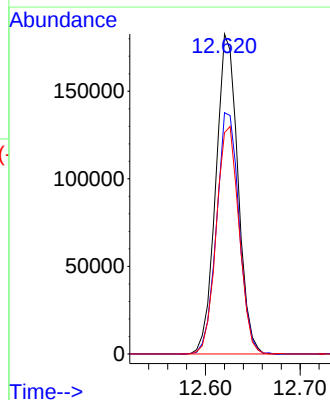
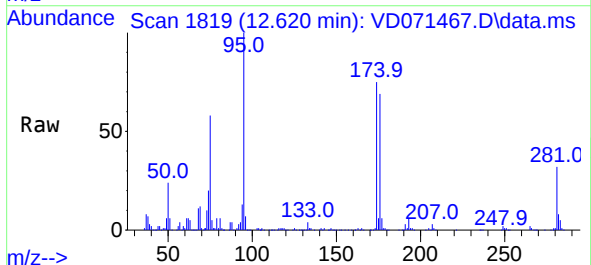
Instrument :
MSVOA_D
ClientSampleId :
SB-6RE

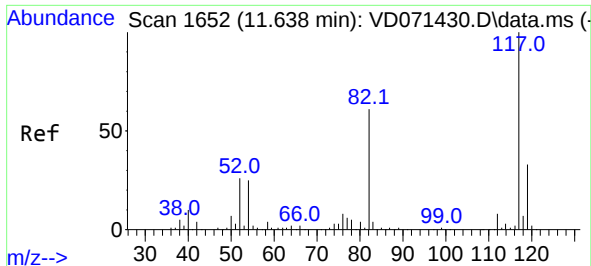
Tgt Ion: 98 Resp: 901614
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.910 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

Tgt Ion: 95 Resp: 295604
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.4
176 73.2 0.0 154.0

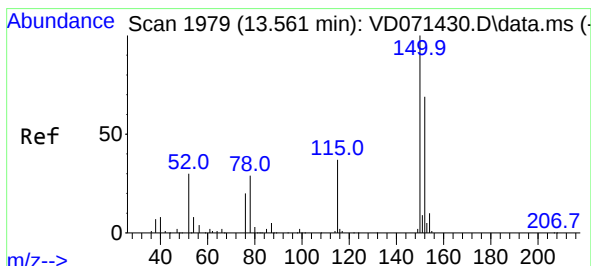
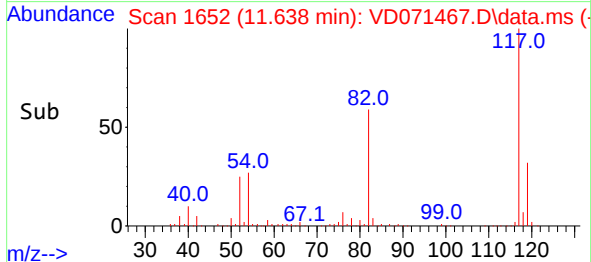
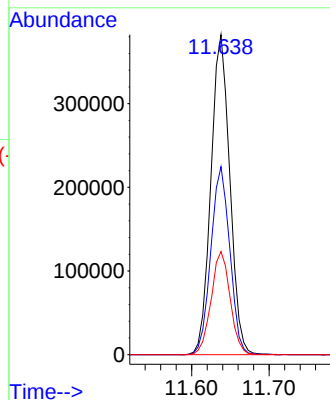
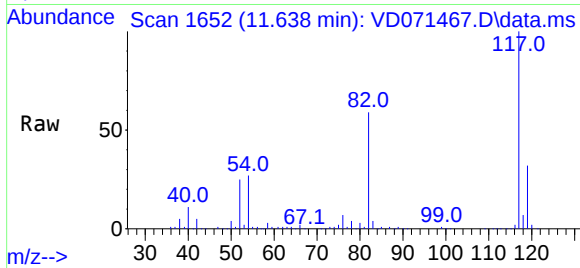




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

Instrument :
MSVOA_D
ClientSampleId :
SB-6RE

Tgt Ion:117 Resp: 650347
Ion Ratio Lower Upper
117 100
82 58.8 44.7 67.1
119 32.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

Tgt Ion:152 Resp: 286921
Ion Ratio Lower Upper
152 100
115 61.7 29.8 89.3
150 159.3 0.0 349.2

