

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121621\
 Data File : VD071359.D
 Acq On : 16 Dec 2021 10:55
 Operator : VA/SY
 Sample : VD1216SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1216SBL01

Quant Time: Dec 16 23:45:52 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	244094	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	427796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	409922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	189254	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	168023	58.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.320%
35) Dibromofluoromethane	7.914	113	147472	54.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.260%
50) Toluene-d8	10.332	98	476740	45.987	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.980%
62) 4-Bromofluorobenzene	12.620	95	177658	49.438	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.880%

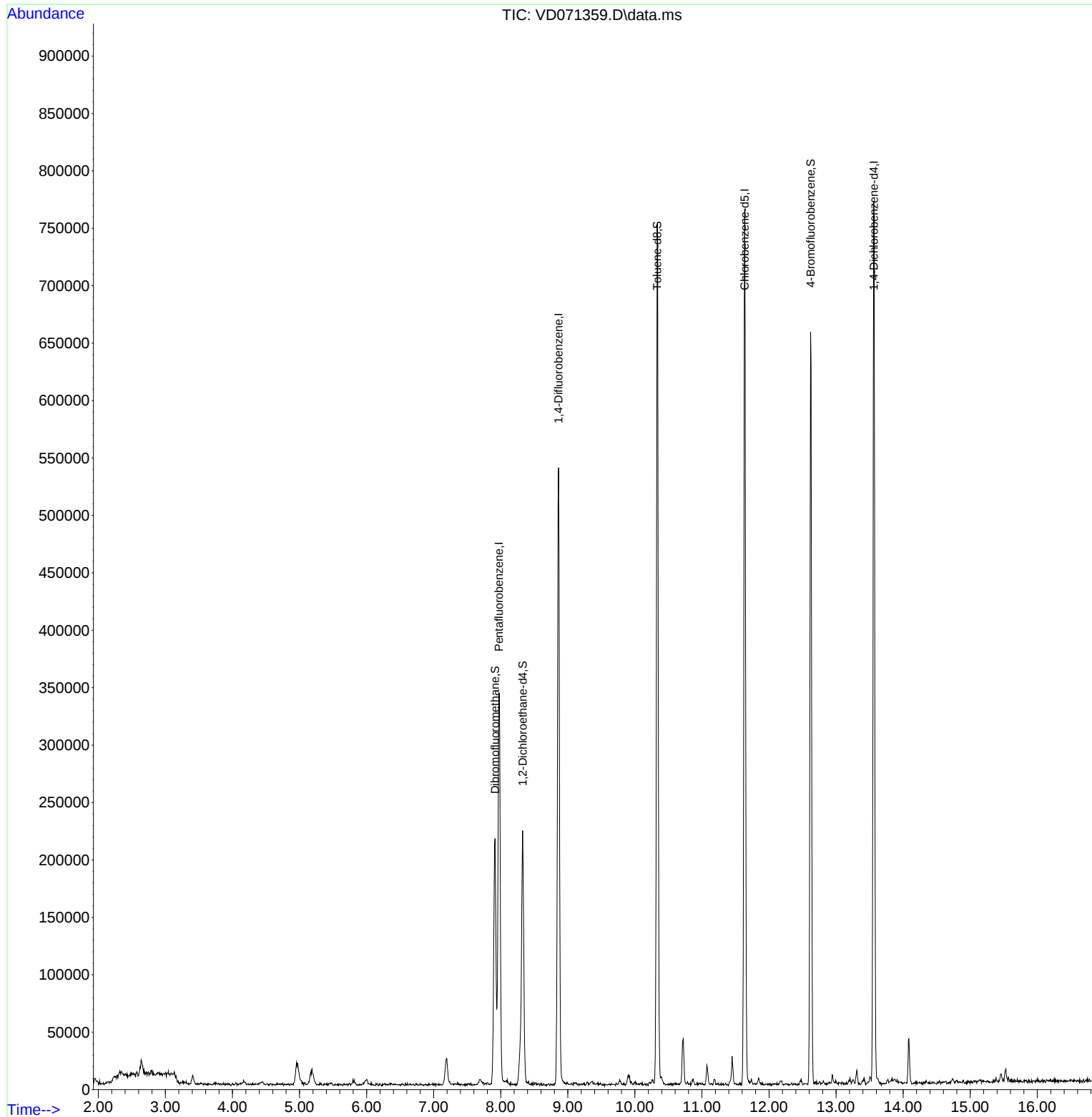
Target Compounds	Qvalue

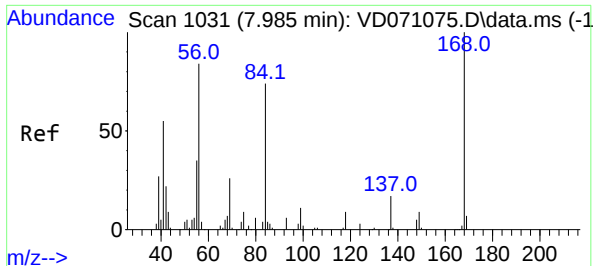
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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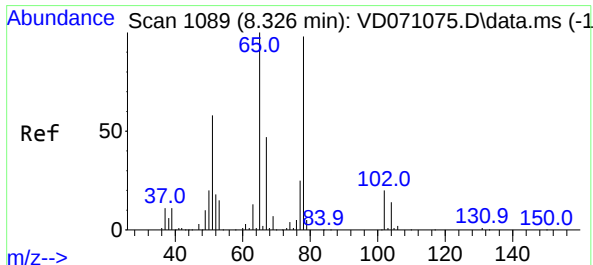
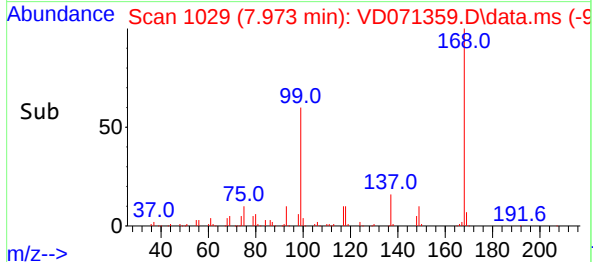
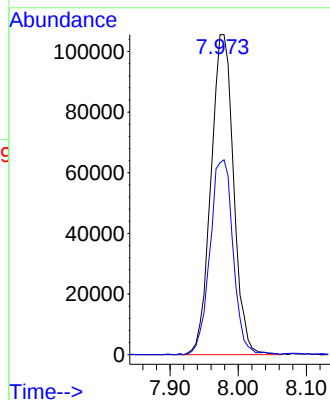
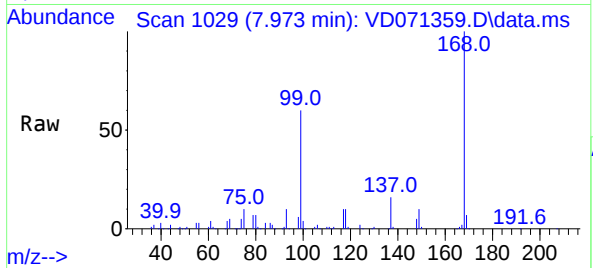




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071359.D
Acq: 16 Dec 2021 10:55

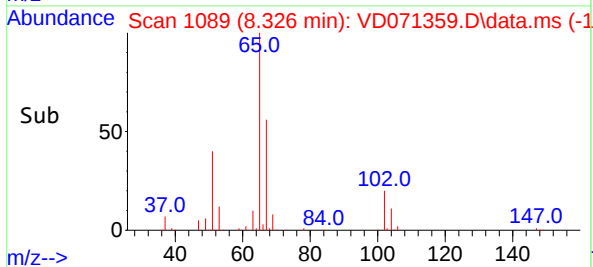
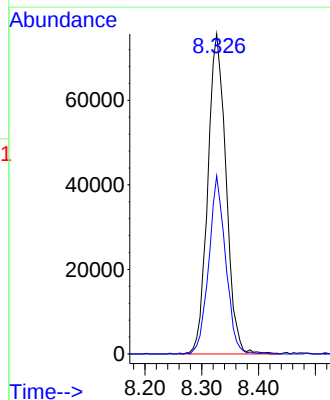
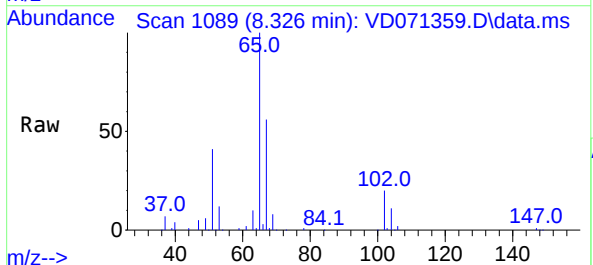
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBL01

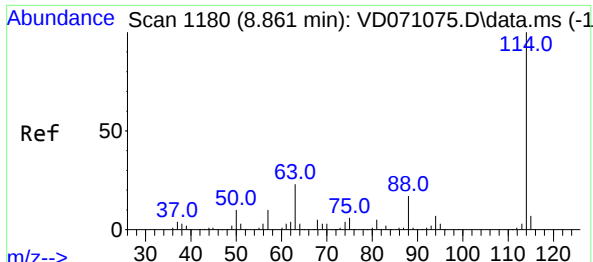
Tgt Ion:168 Resp: 244094
Ion Ratio Lower Upper
168 100
99 59.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 58.664 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071359.D
Acq: 16 Dec 2021 10:55

Tgt Ion: 65 Resp: 168023
Ion Ratio Lower Upper
65 100
67 51.5 0.0 112.2



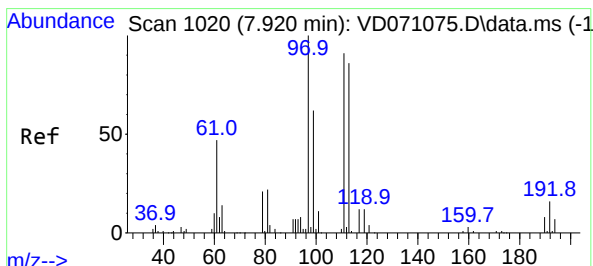
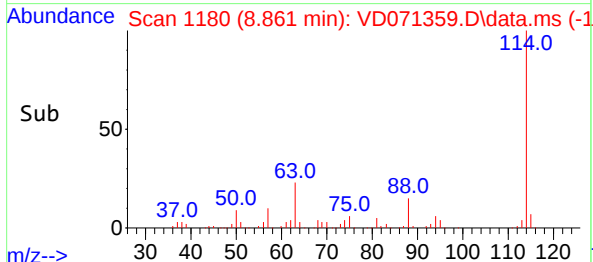
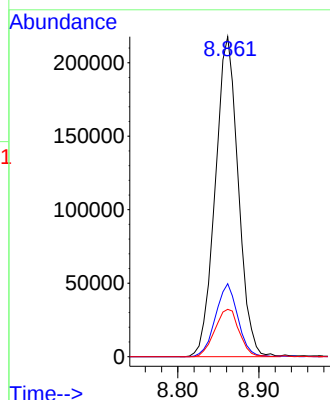
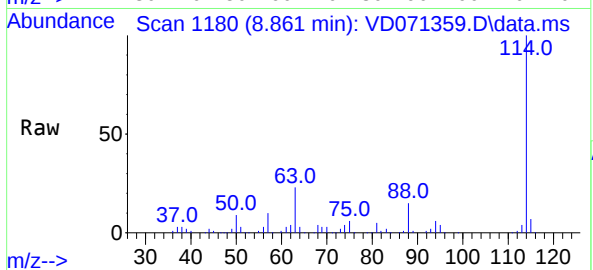


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071359.D
Acq: 16 Dec 2021 10:55

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBL01

Tgt Ion:114 Resp: 427796

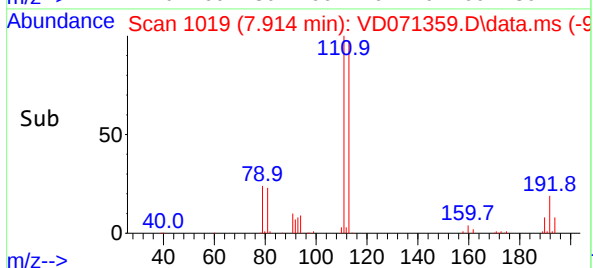
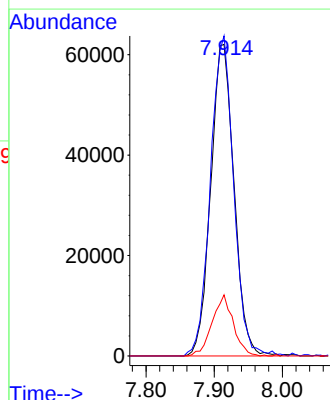
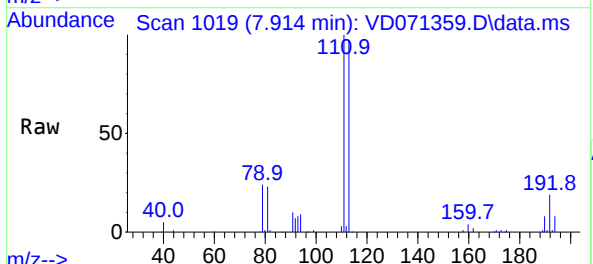
Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	41.8
88	14.8	0.0	32.8

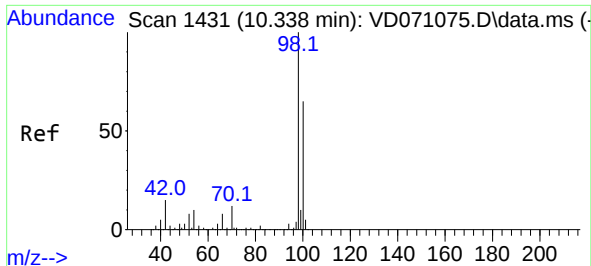


#35
Dibromofluoromethane
Concen: 54.135 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071359.D
Acq: 16 Dec 2021 10:55

Tgt Ion:113 Resp: 147472

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	17.9	15.2	22.8

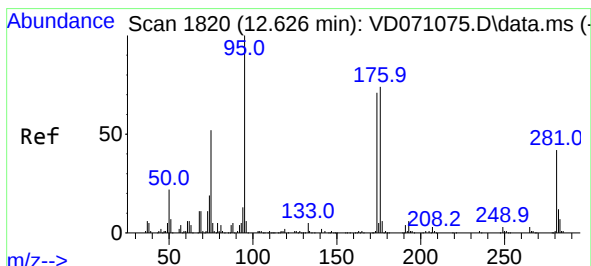
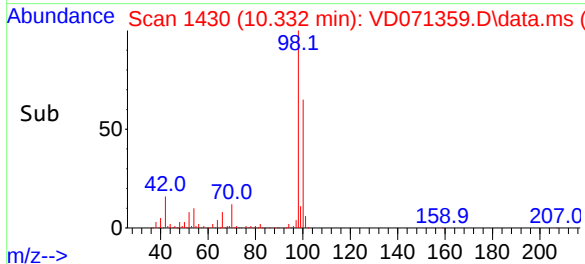
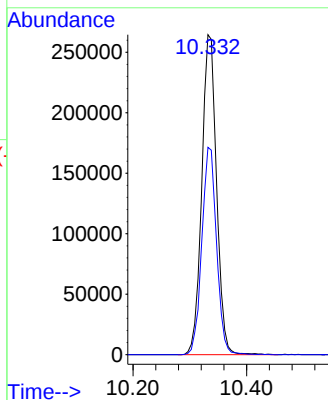
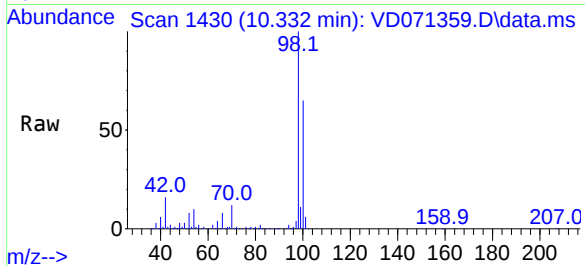




#50
Toluene-d8
Concen: 45.987 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071359.D
Acq: 16 Dec 2021 10:55

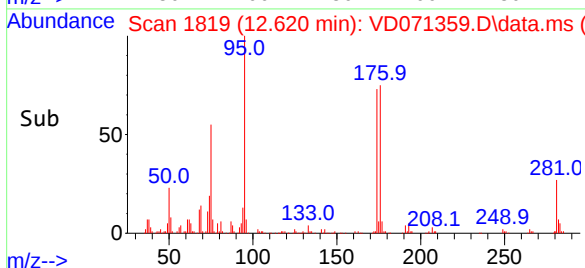
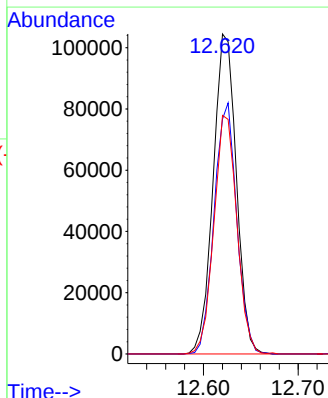
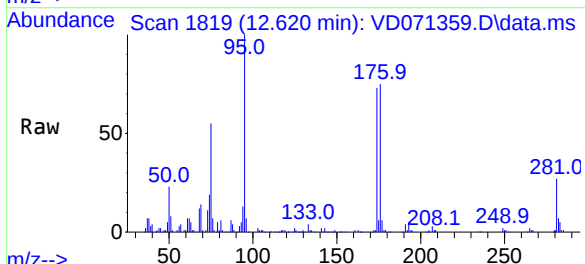
Instrument :
MSVOA_D
ClientSampleId :
VD1216SBL01

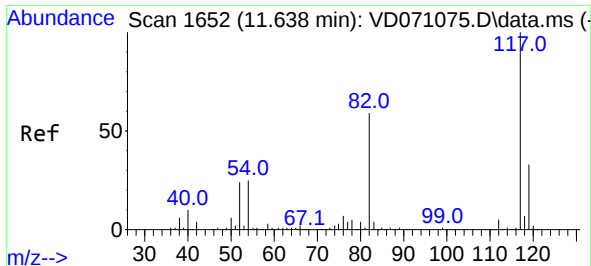
Tgt Ion: 98 Resp: 476740
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.438 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071359.D
Acq: 16 Dec 2021 10:55

Tgt Ion: 95 Resp: 177658
Ion Ratio Lower Upper
95 100
174 76.4 0.0 159.4
176 73.9 0.0 154.0

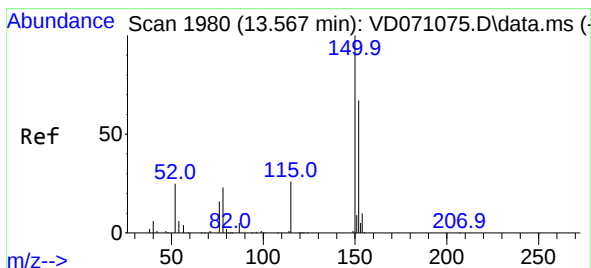
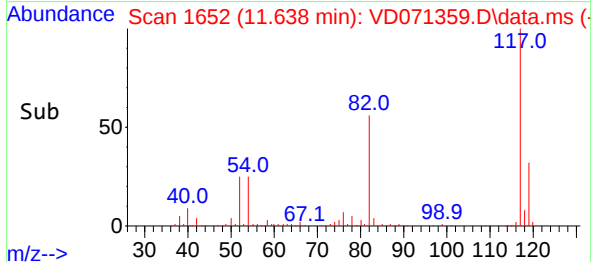
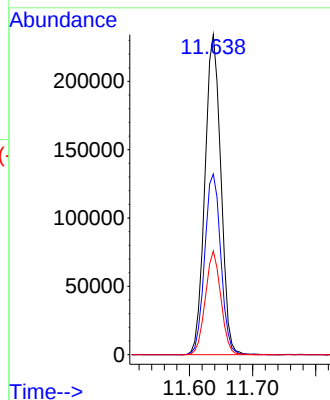
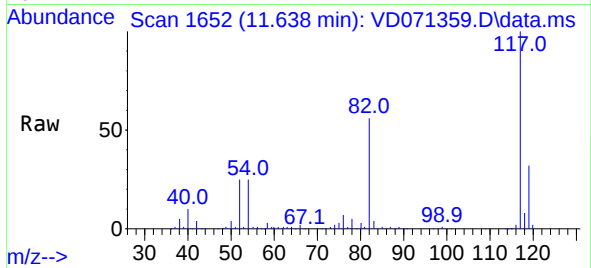




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071359.D
Acq: 16 Dec 2021 10:55

Instrument :
MSVOA_D
ClientSampleId :
VD1216SBL01

Tgt Ion:117 Resp: 409922
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 32.4 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: VD071359.D
Acq: 16 Dec 2021 10:55

Tgt Ion:152 Resp: 189254
Ion Ratio Lower Upper
152 100
115 59.8 29.8 89.3
150 156.2 0.0 349.2

