

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071232.D
 Acq On : 09 Dec 2021 17:03
 Operator : VA/SY
 Sample : M4990-19
 Misc : 6.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R1-4

Quant Time: Dec 10 06:46:16 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	275040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	475873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	507244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	234433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139536	43.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.48%
35) Dibromofluoromethane	7.914	113	144300	47.62	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.24%
50) Toluene-d8	10.337	98	619631	53.73	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.46%
62) 4-Bromofluorobenzene	12.625	95	243247	60.85	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.70%

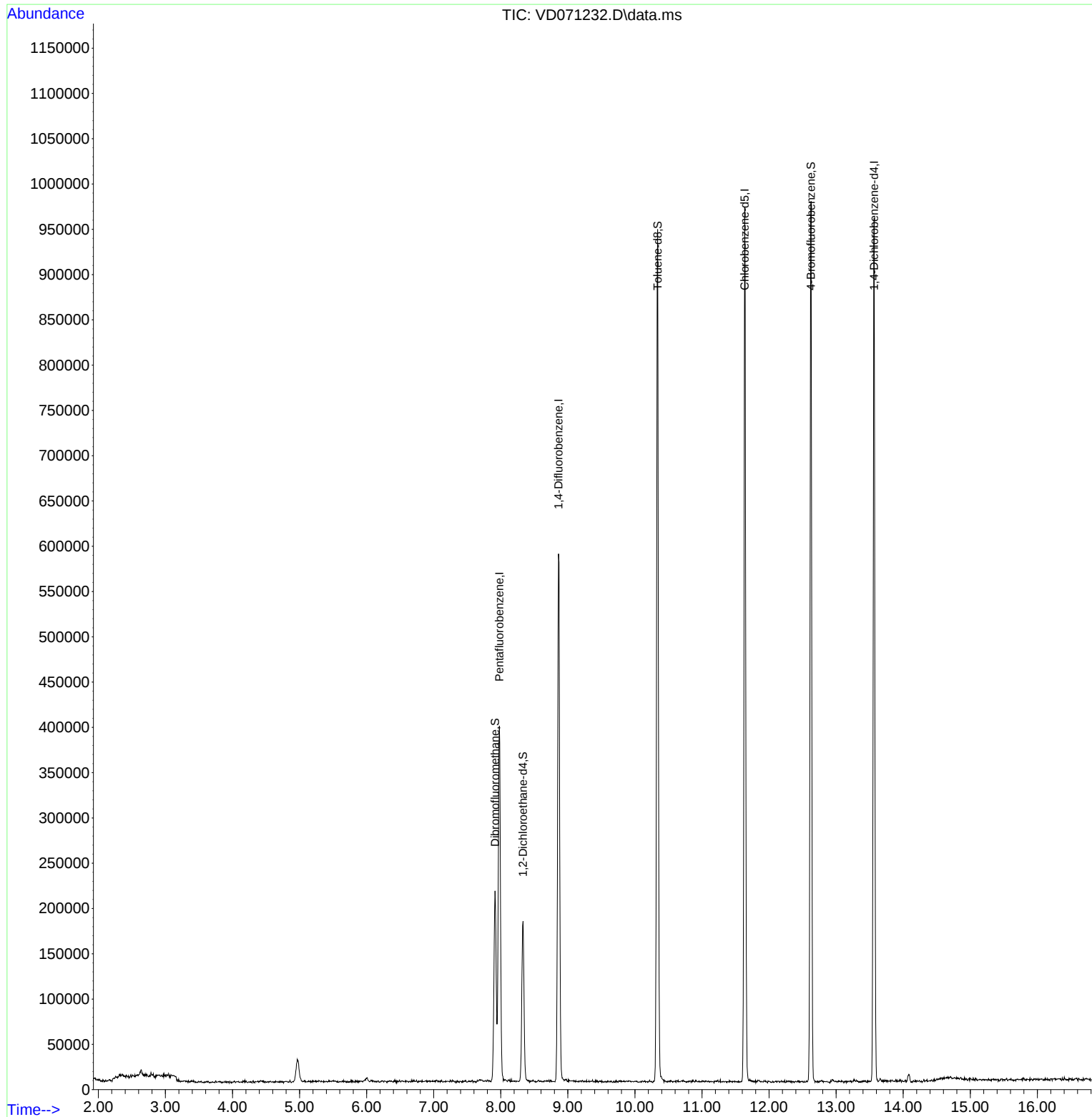
Target Compounds	Qvalue

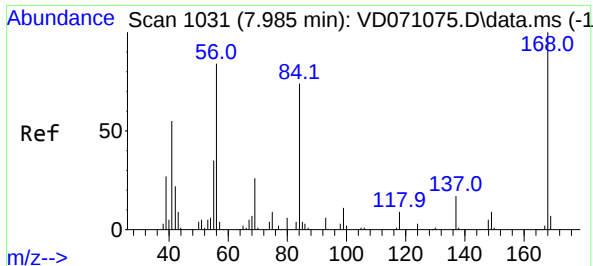
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071232.D

Acq: 09 Dec 2021 17:03

Instrument :

MSVOA_D

ClientSampleId :

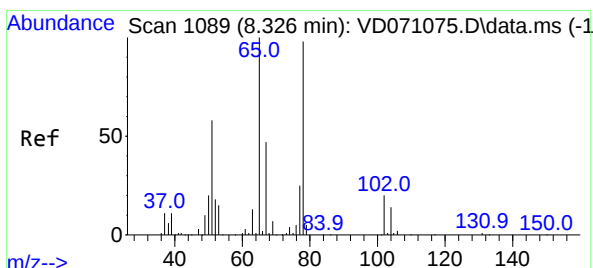
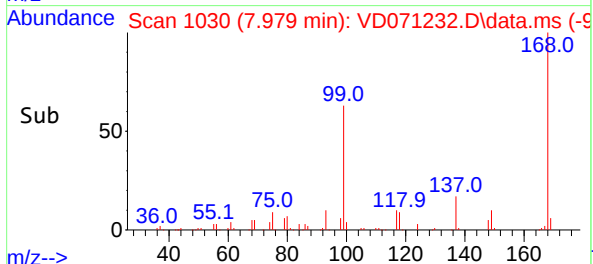
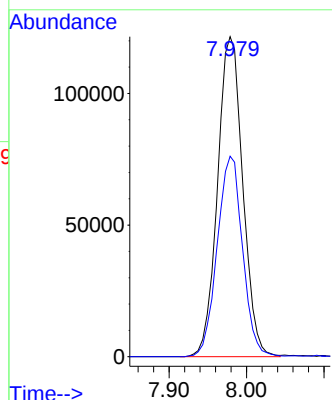
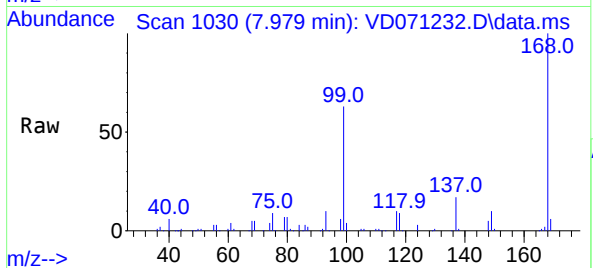
R1-4

Tgt Ion:168 Resp: 275040

Ion Ratio Lower Upper

168 100

99 62.6 46.6 69.8



1,2-Dichloroethane-d4

Concen: 43.24 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071232.D

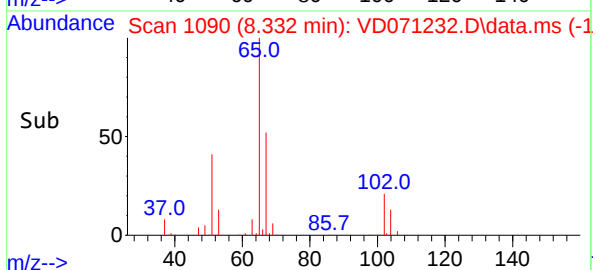
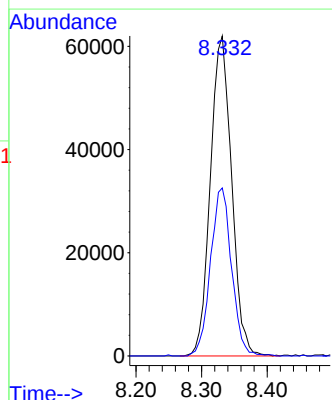
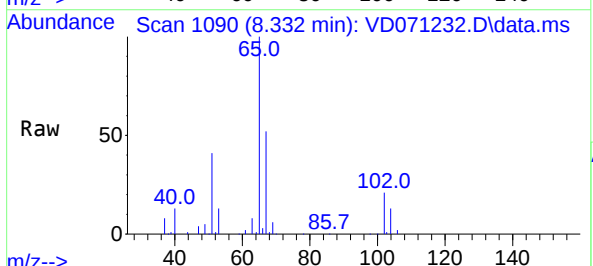
Acq: 09 Dec 2021 17:03

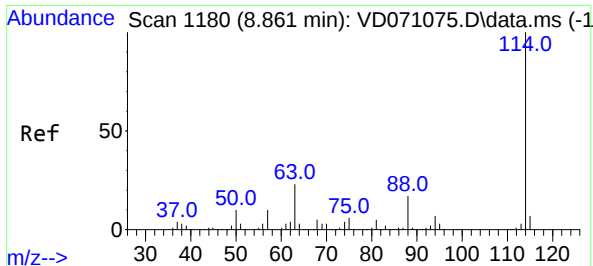
Tgt Ion: 65 Resp: 139536

Ion Ratio Lower Upper

65 100

67 52.0 0.0 112.2



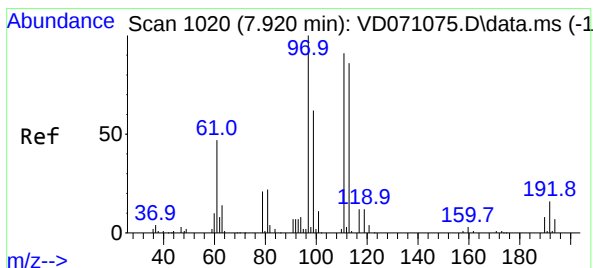
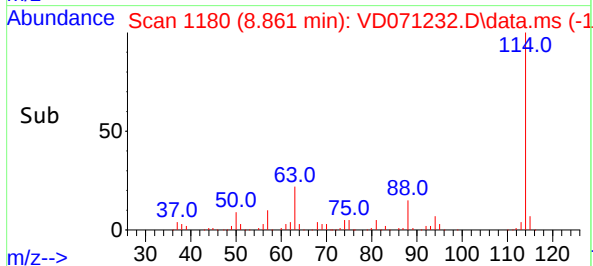
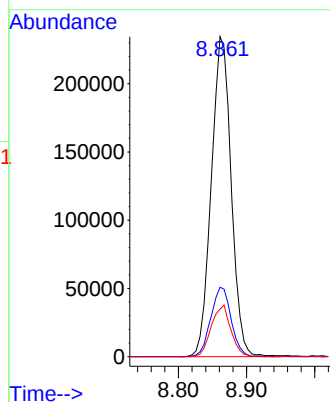
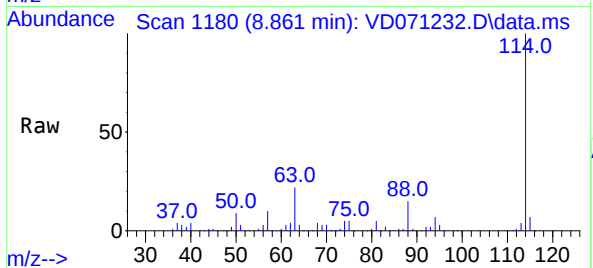


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071232.D
Acq: 09 Dec 2021 17:03

Instrument :
MSVOA_D
ClientSampleId :
R1-4

Tgt Ion:114 Resp: 475873

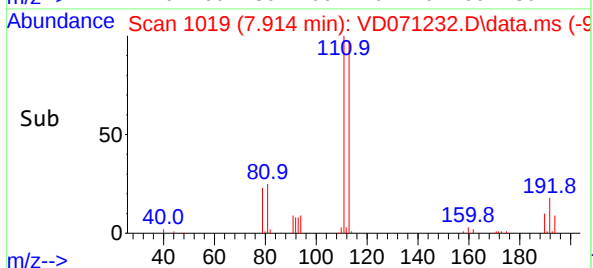
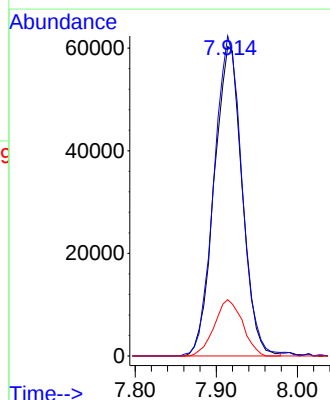
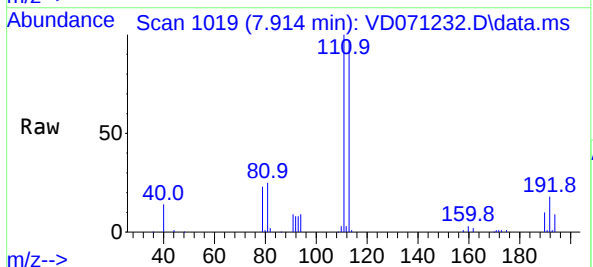
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.8
88	14.9	0.0	32.8

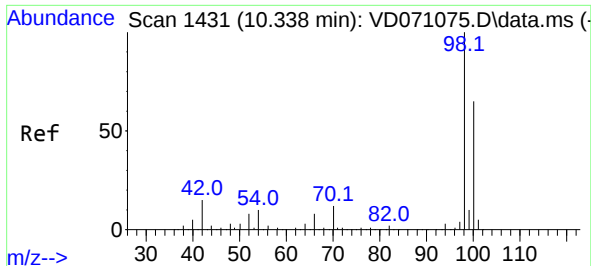


#35
Dibromofluoromethane
Concen: 47.62 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071232.D
Acq: 09 Dec 2021 17:03

Tgt Ion:113 Resp: 144300

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	18.3	15.2	22.8

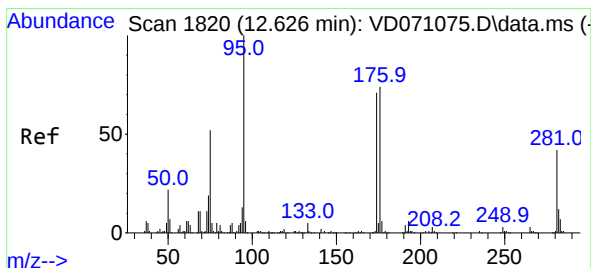
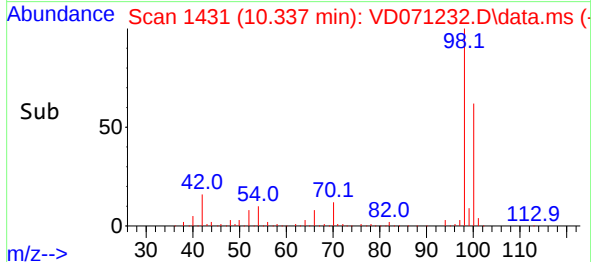
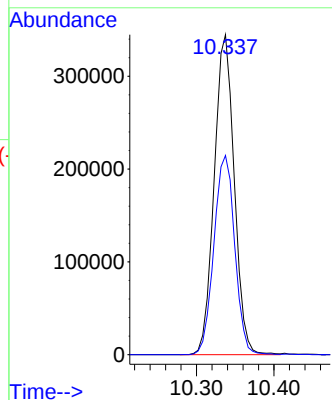
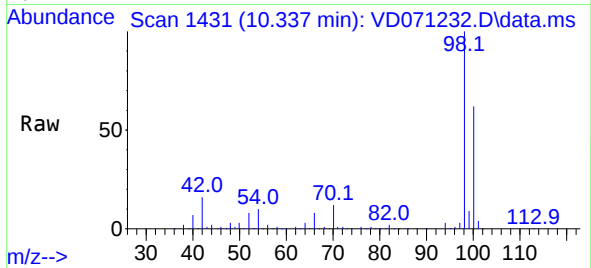




#50
Toluene-d8
Concen: 53.73 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD071232.D
Acq: 09 Dec 2021 17:03

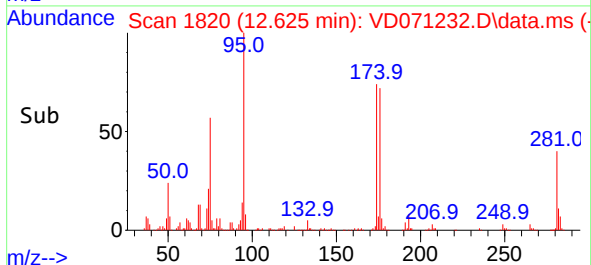
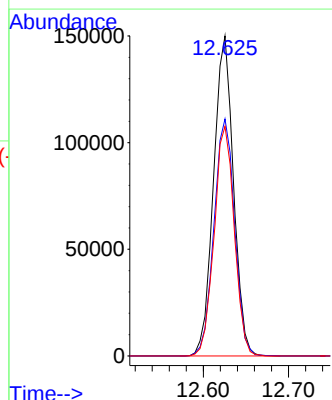
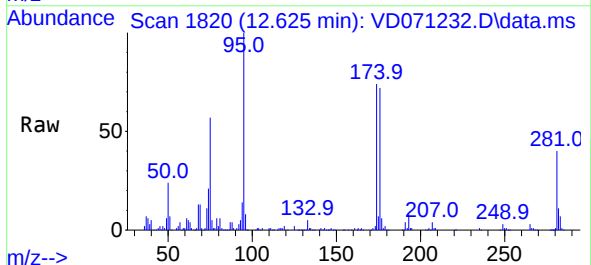
Instrument :
MSVOA_D
ClientSampleId :
R1-4

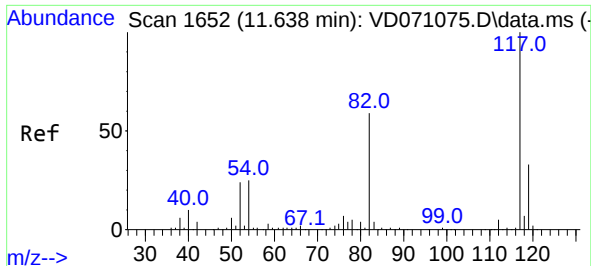
Tgt Ion: 98 Resp: 619631
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.85 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.001 min
Lab File: VD071232.D
Acq: 09 Dec 2021 17:03

Tgt Ion: 95 Resp: 243247
Ion Ratio Lower Upper
95 100
174 76.9 0.0 159.4
176 72.6 0.0 154.0

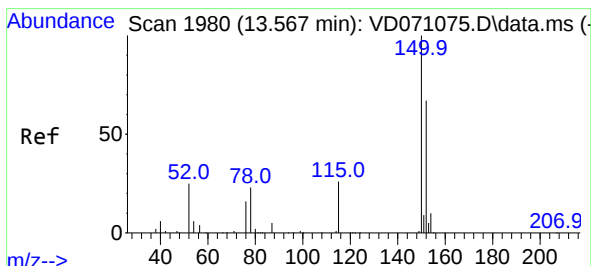
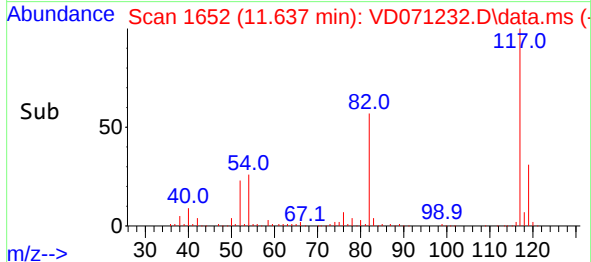
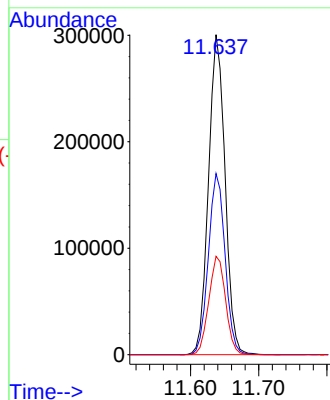
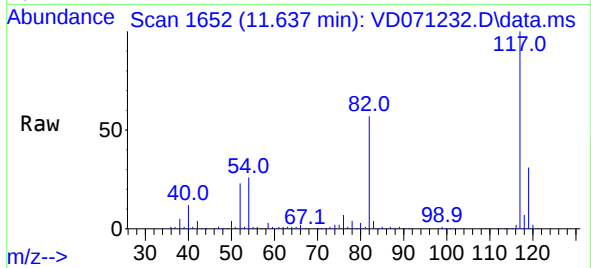




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD071232.D
Acq: 09 Dec 2021 17:03

Instrument :
MSVOA_D
ClientSampleId :
R1-4

Tgt Ion:117 Resp: 507244
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 30.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071232.D
Acq: 09 Dec 2021 17:03

Tgt Ion:152 Resp: 234433
Ion Ratio Lower Upper
152 100
115 60.3 29.8 89.3
150 153.5 0.0 349.2

