

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120421\
 Data File : VD071146.D
 Acq On : 04 Dec 2021 16:24
 Operator : VA/SY
 Sample : M4927-02
 Misc : 5.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PH1-BOT-4

Quant Time: Dec 06 03:43:44 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	303548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	530550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	556268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	263071	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	165407	46.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.880%
35) Dibromofluoromethane	7.914	113	163954	48.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.060%
50) Toluene-d8	10.337	98	682324	53.071	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.140%
62) 4-Bromofluorobenzene	12.626	95	263006	59.014	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.020%

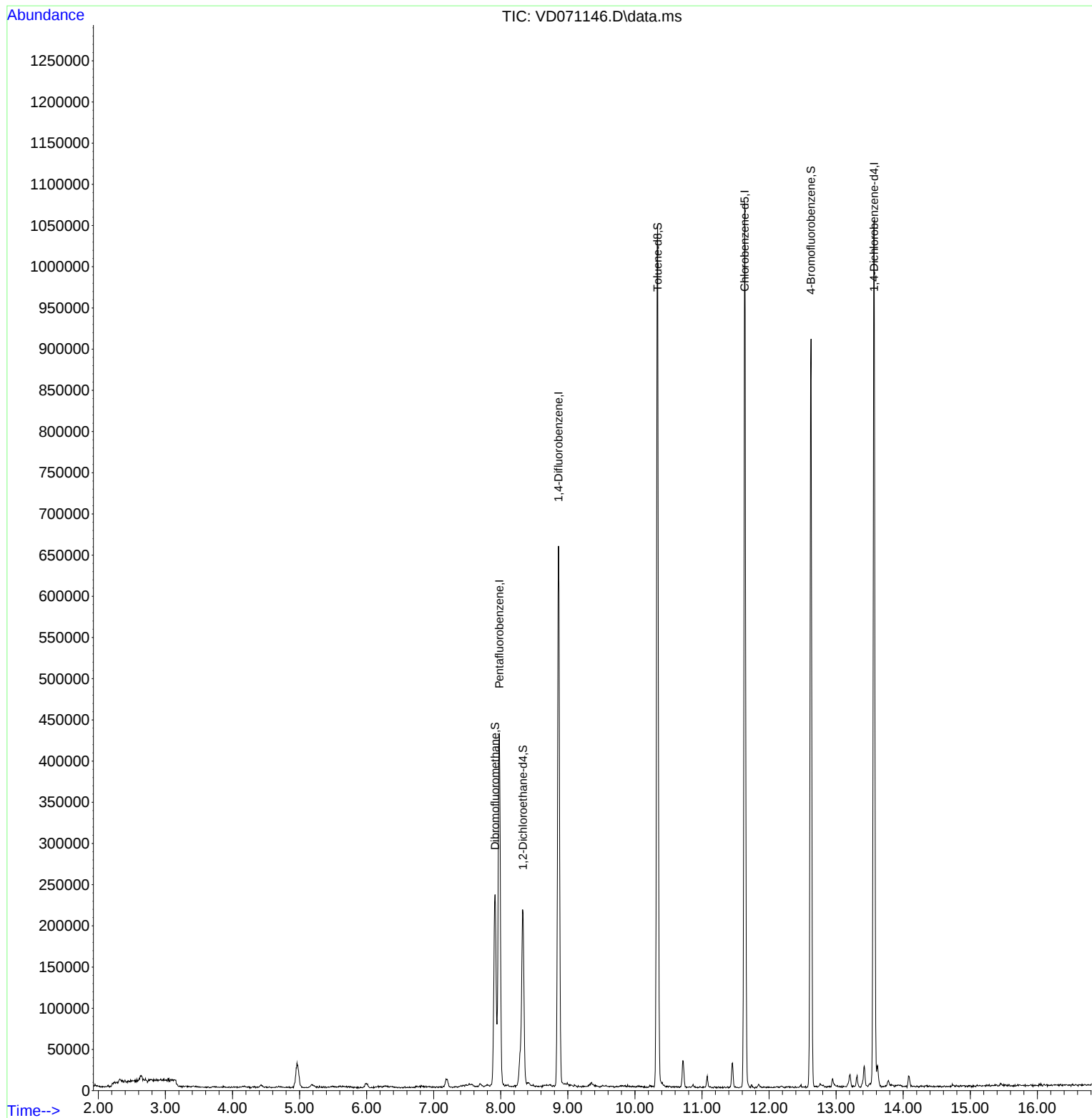
Target Compounds	Qvalue

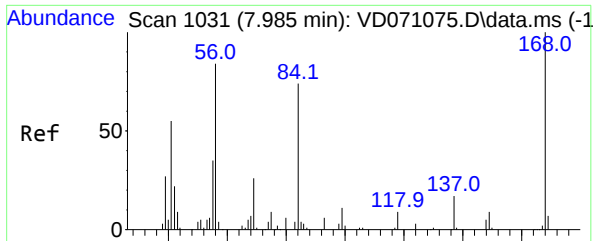
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071146.D

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MSVOA_D

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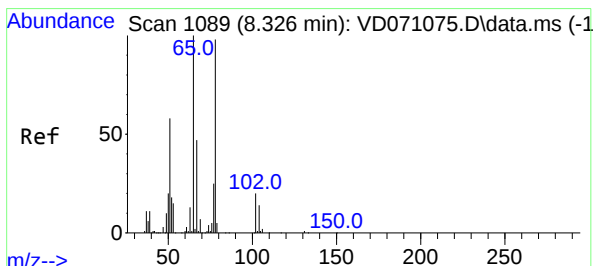
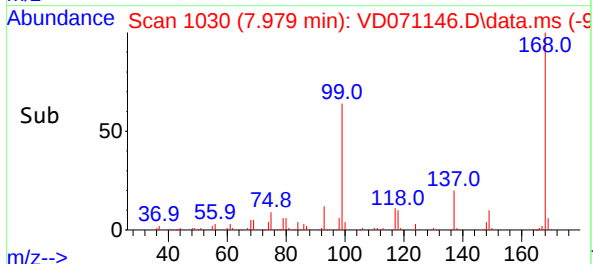
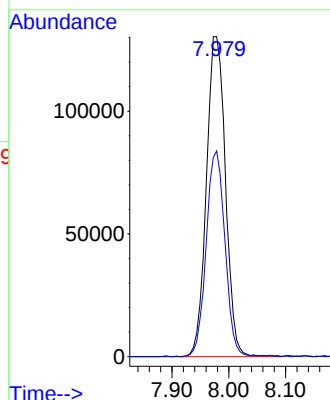
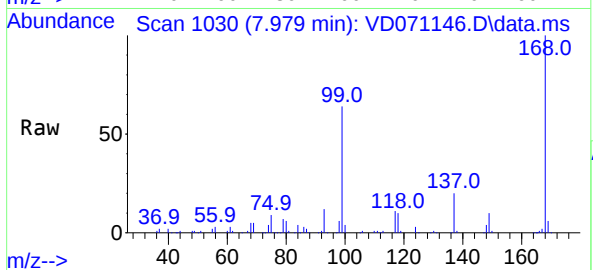
PH1-BOT-4

Tgt Ion:168 Resp: 303548

Ion Ratio Lower Upper

168 100

99 64.4 46.6 69.8



1,2-Dichloroethane-d4

Concen: 46.439 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071146.D

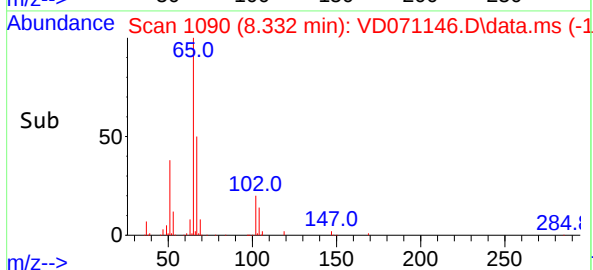
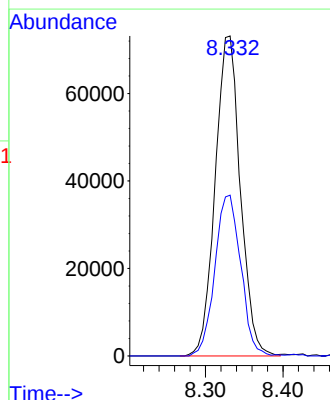
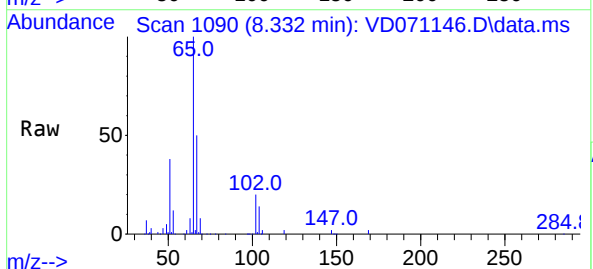
Acq: 04 Dec 2021 16:24

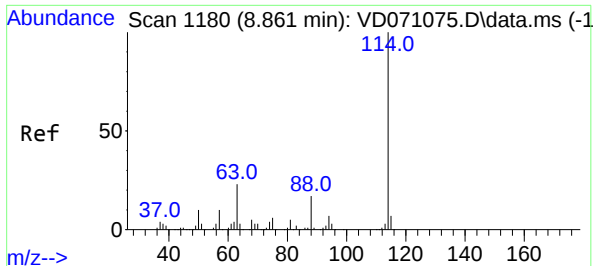
Tgt Ion: 65 Resp: 165407

Ion Ratio Lower Upper

65 100

67 51.6 0.0 112.2

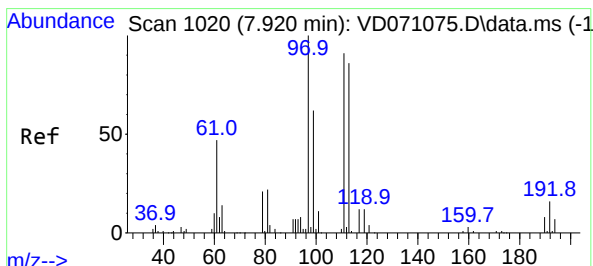
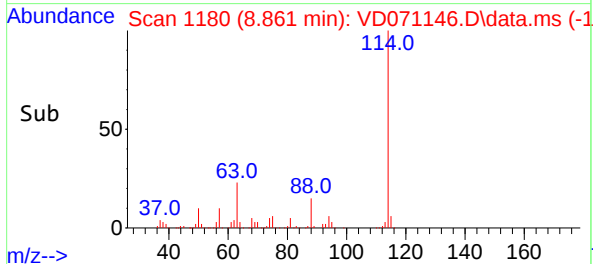
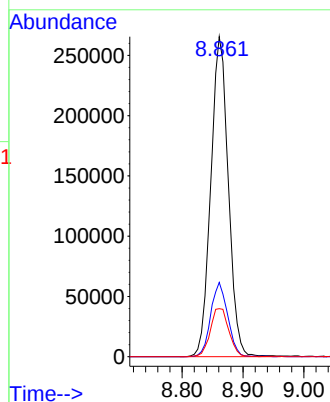
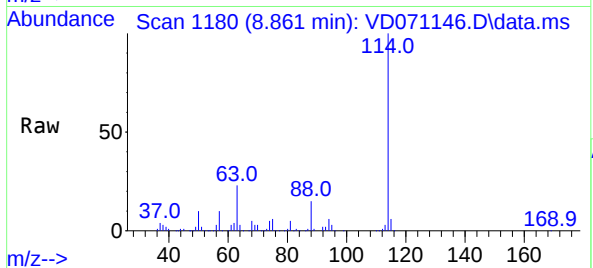




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071146.D
Acq: 04 Dec 2021 16:24

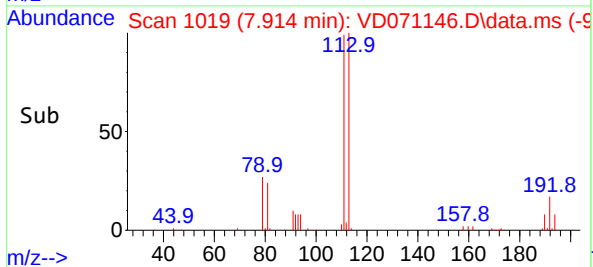
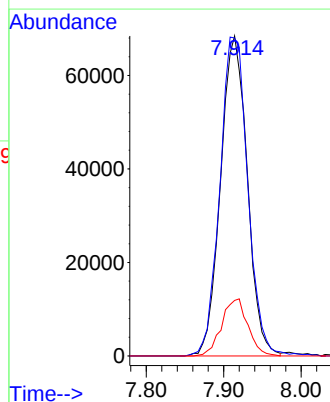
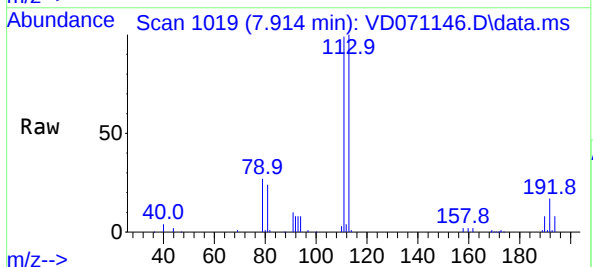
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-4

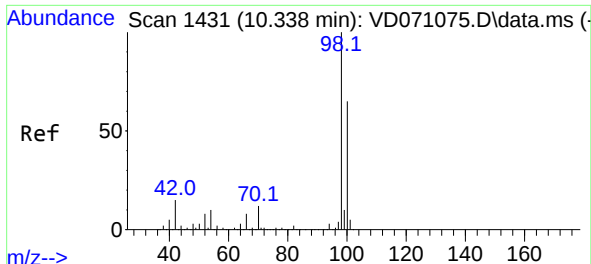
Tgt Ion:114 Resp: 530550
Ion Ratio Lower Upper
114 100
63 23.2 0.0 41.8
88 15.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.529 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071146.D
Acq: 04 Dec 2021 16:24

Tgt Ion:113 Resp: 163954
Ion Ratio Lower Upper
113 100
111 104.5 82.0 123.0
192 17.5 15.2 22.8

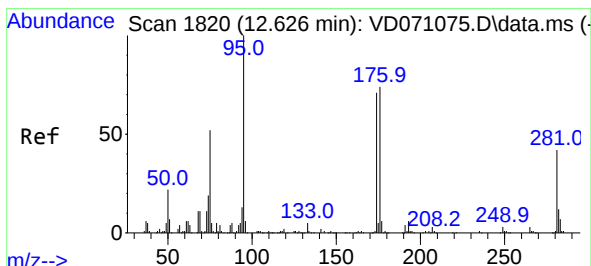
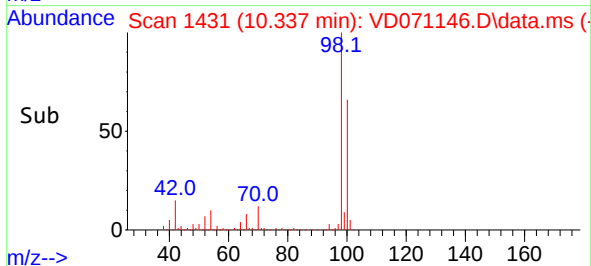
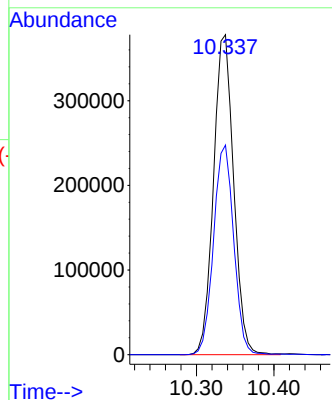
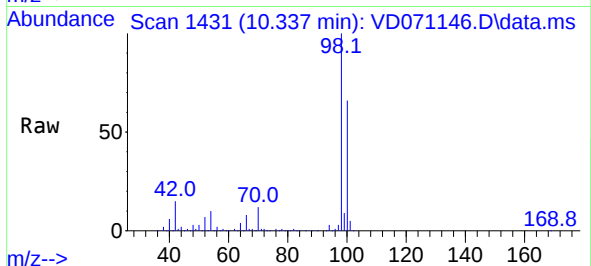




#50
Toluene-d8
Concen: 53.071 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD071146.D
Acq: 04 Dec 2021 16:24

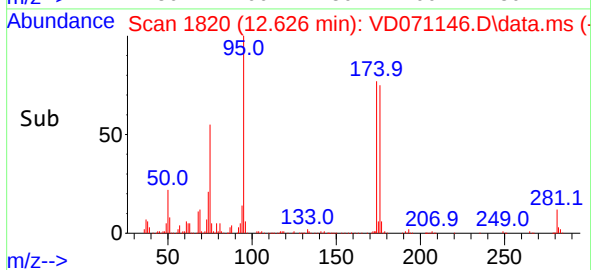
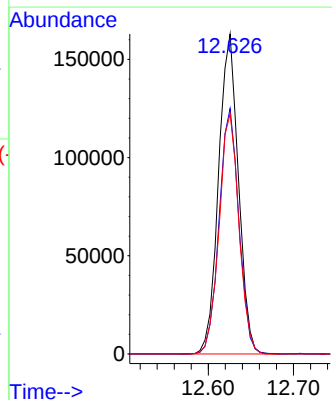
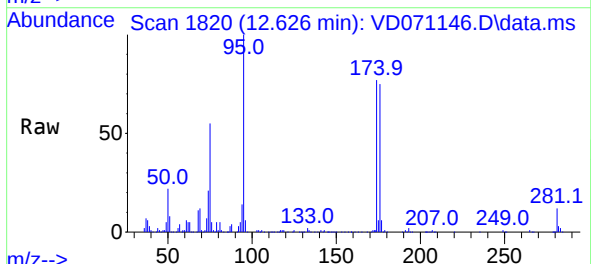
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-4

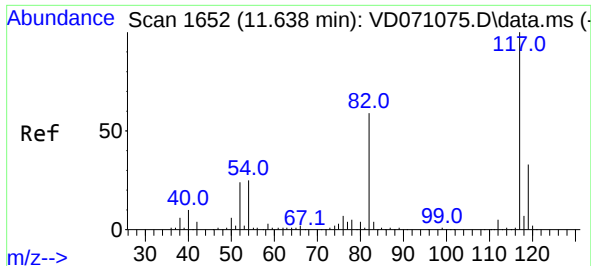
Tgt Ion: 98 Resp: 682324
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.014 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071146.D
Acq: 04 Dec 2021 16:24

Tgt Ion: 95 Resp: 263006
Ion Ratio Lower Upper
95 100
174 76.4 0.0 159.4
176 74.7 0.0 154.0

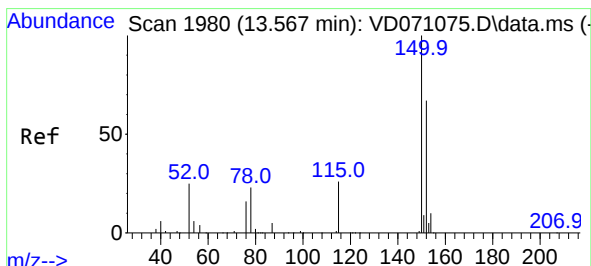
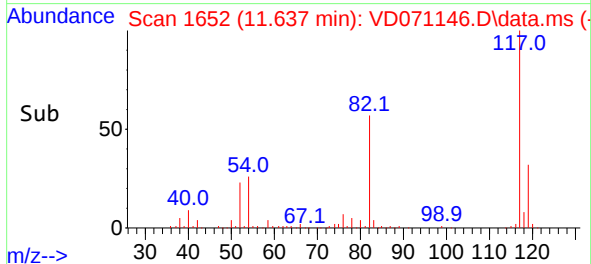
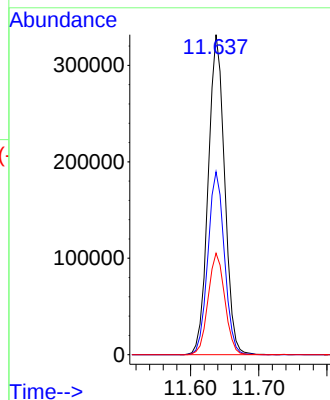
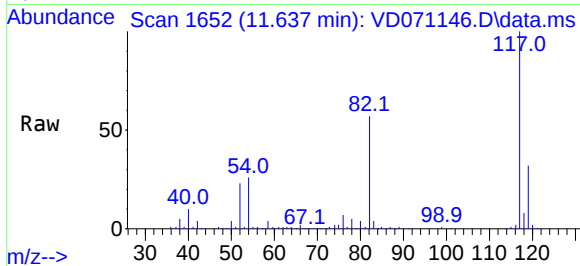




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD071146.D
Acq: 04 Dec 2021 16:24

Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-4

Tgt Ion:117 Resp: 556268
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 31.7 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: VD071146.D
Acq: 04 Dec 2021 16:24

Tgt Ion:152 Resp: 263071
Ion Ratio Lower Upper
152 100
115 60.6 29.8 89.3
150 158.3 0.0 349.2

