

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120421\
 Data File : VD071156.D
 Acq On : 04 Dec 2021 21:04
 Operator : VA/SY
 Sample : M4927-12
 Misc : 5.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PH1-BOT-13

Quant Time: Dec 06 04:34:28 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	7.985	168	6650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	10820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	13356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	6322	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	5911	75.753	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.500%
35) Dibromofluoromethane	7.914	113	2741	39.782	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.560%
50) Toluene-d8	10.338	98	13490	51.449	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.620	95	6059	66.664	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	133.320%

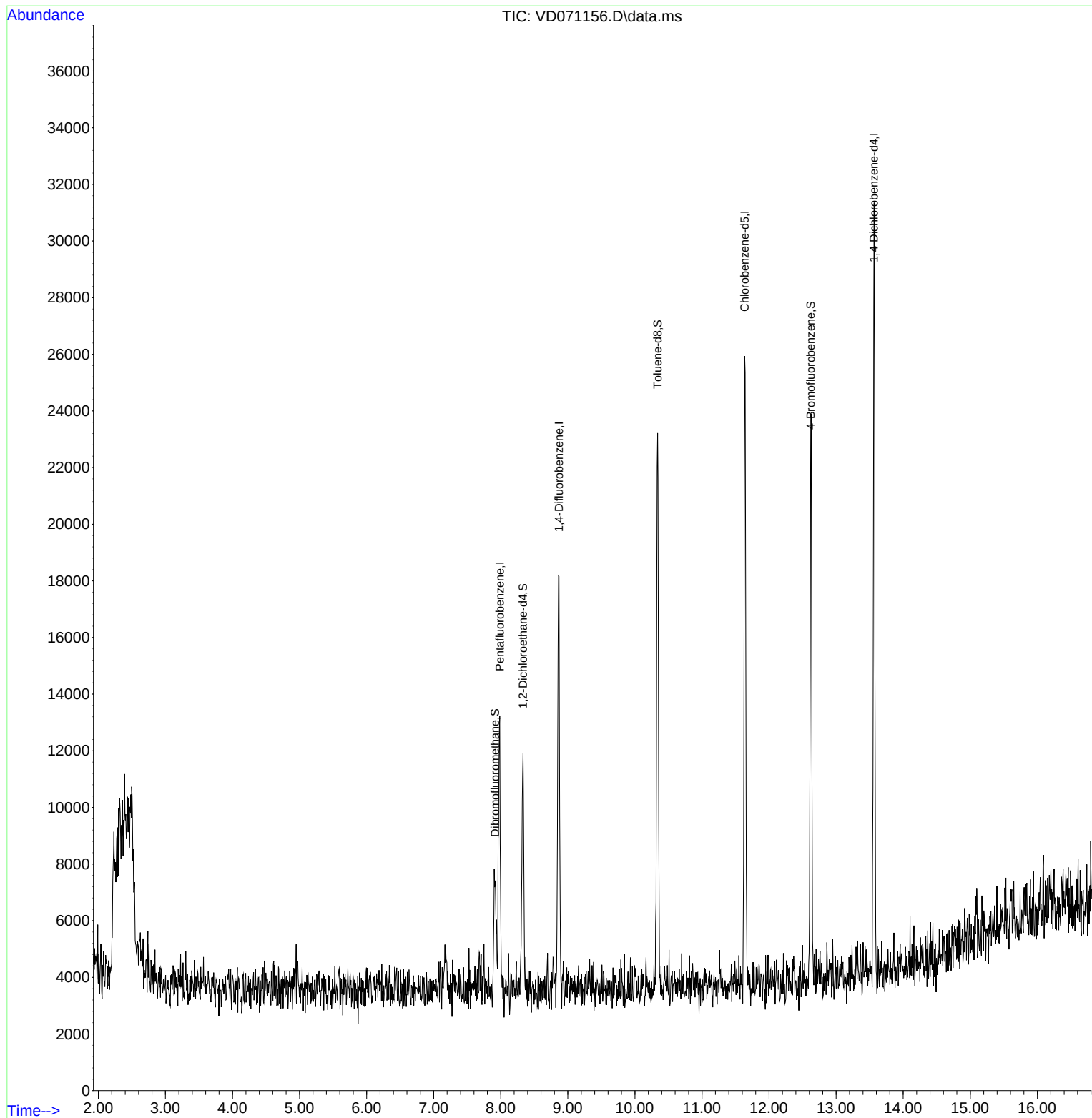
Target Compounds	Qvalue

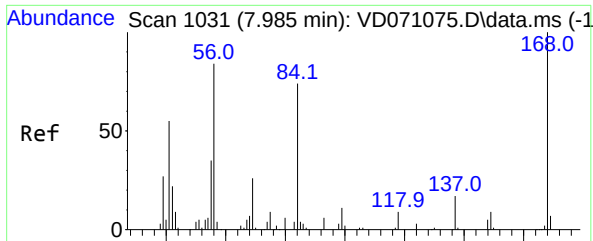
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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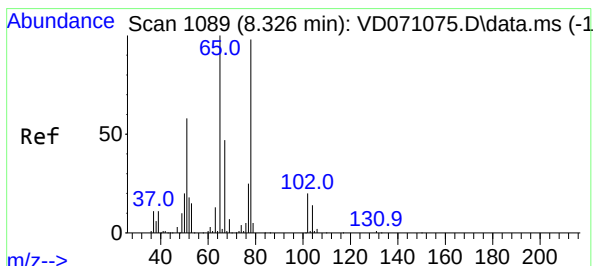
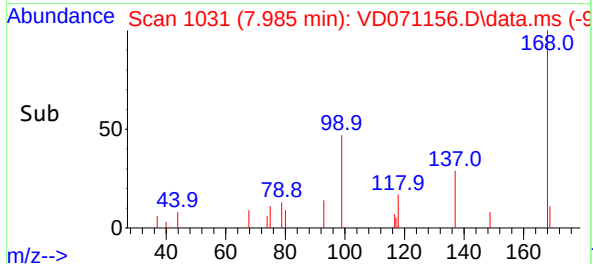
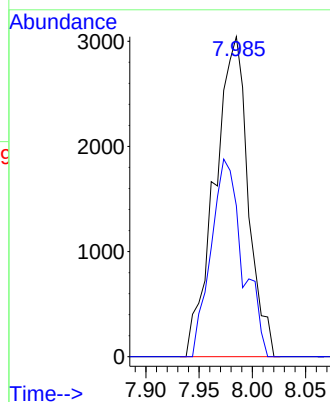
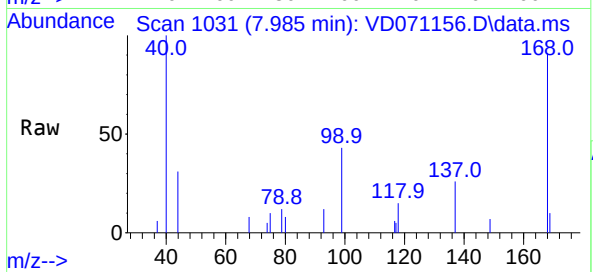




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071156.D
Acq: 04 Dec 2021 21:04

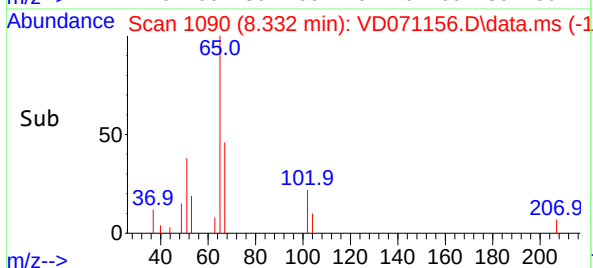
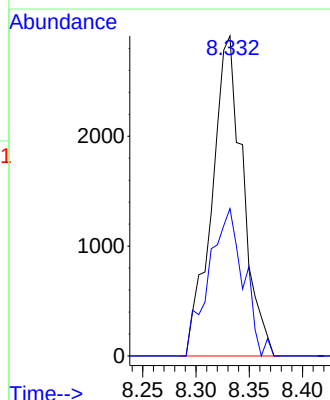
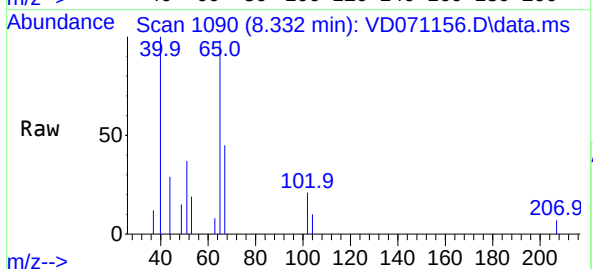
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-13

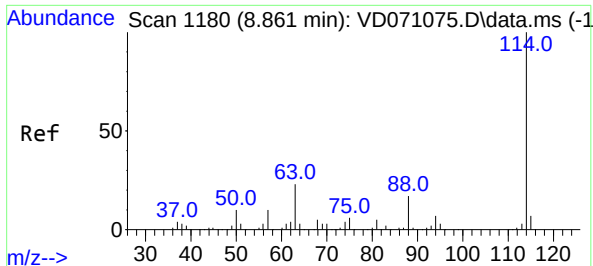
Tgt Ion:168 Resp: 6650
Ion Ratio Lower Upper
168 100
99 47.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 75.753 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071156.D
Acq: 04 Dec 2021 21:04

Tgt Ion: 65 Resp: 5911
Ion Ratio Lower Upper
65 100
67 51.5 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071156.D

Acq: 04 Dec 2021 21:04

Instrument :

MSVOA_D

ClientSampleId :

PH1-BOT-13

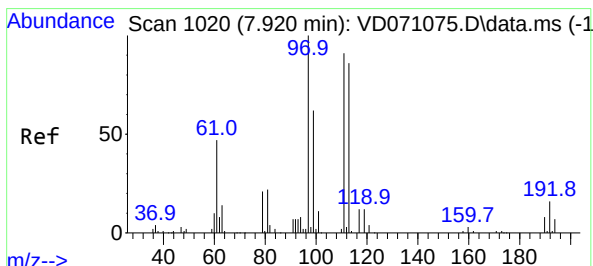
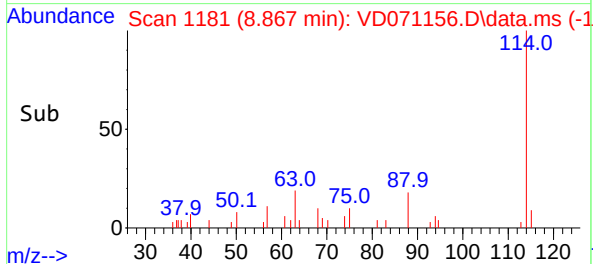
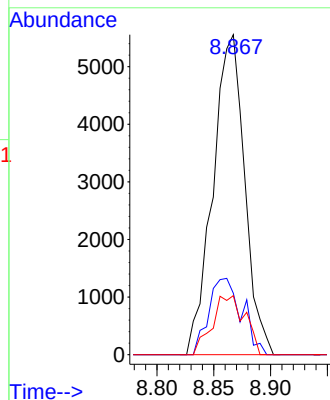
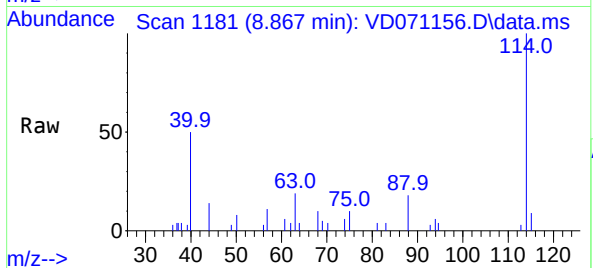
Tgt Ion:114 Resp: 10820

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.8

88 18.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 39.782 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071156.D

Acq: 04 Dec 2021 21:04

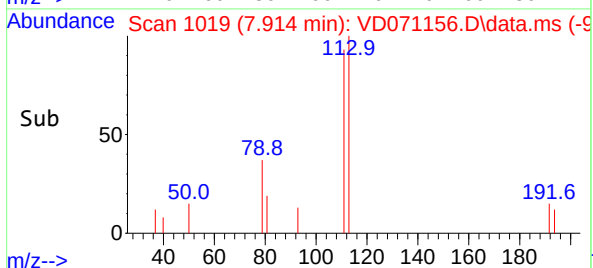
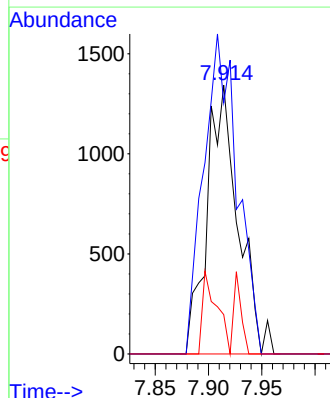
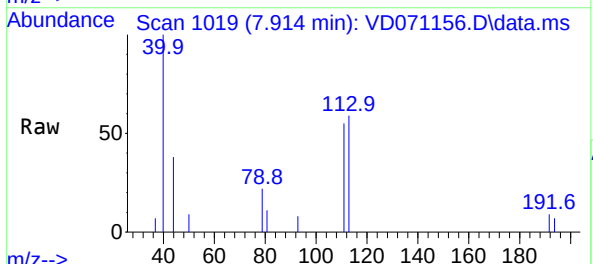
Tgt Ion:113 Resp: 2741

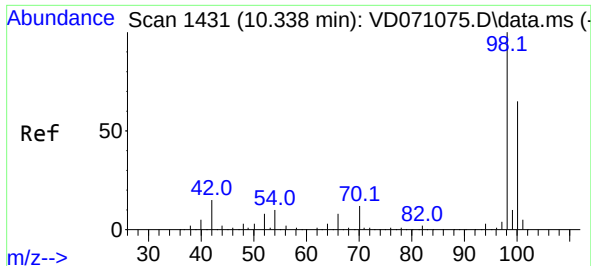
Ion Ratio Lower Upper

113 100

111 128.2 82.0 123.0#

192 7.3 15.2 22.8#

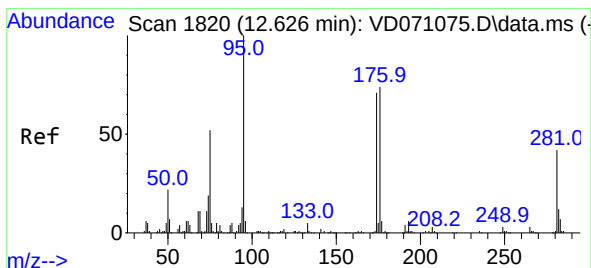
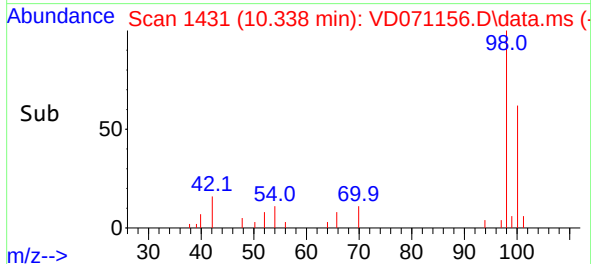
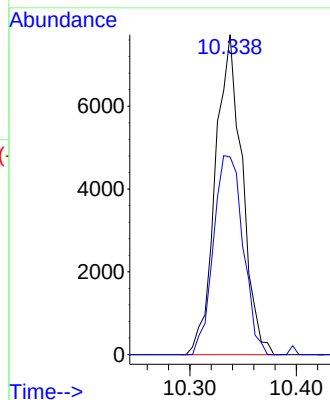
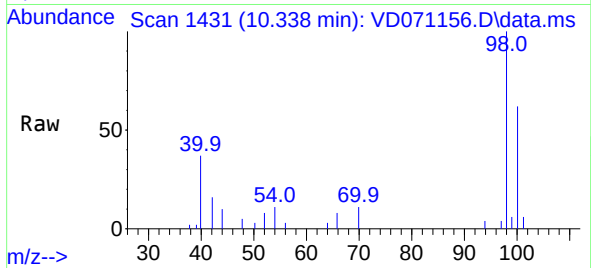




#50
Toluene-d8
Concen: 51.449 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071156.D
Acq: 04 Dec 2021 21:04

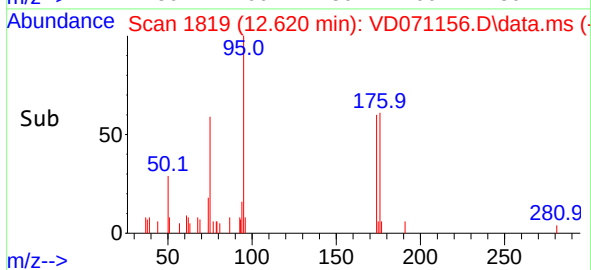
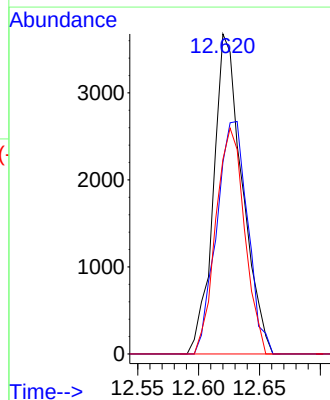
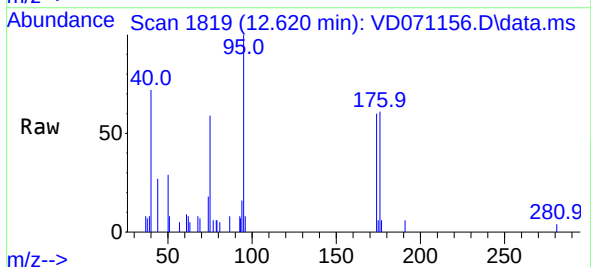
Instrument :
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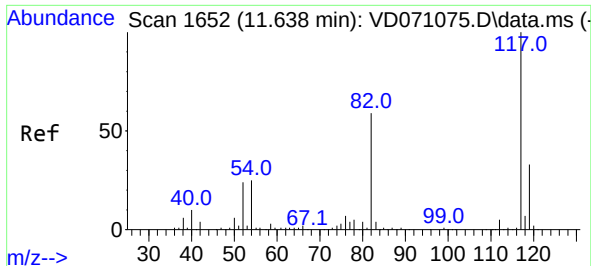
Tgt Ion: 98 Resp: 13490
Ion Ratio Lower Upper
98 100
100 68.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 66.664 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071156.D
Acq: 04 Dec 2021 21:04

Tgt Ion: 95 Resp: 6059
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.4
176 70.5 0.0 154.0

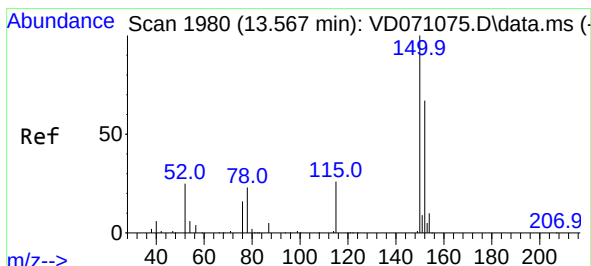
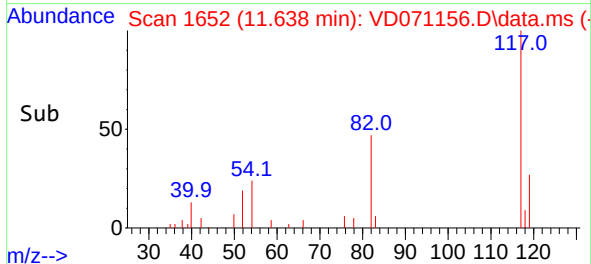
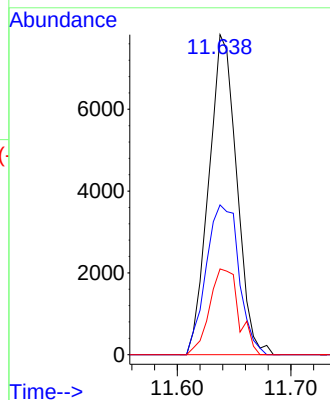
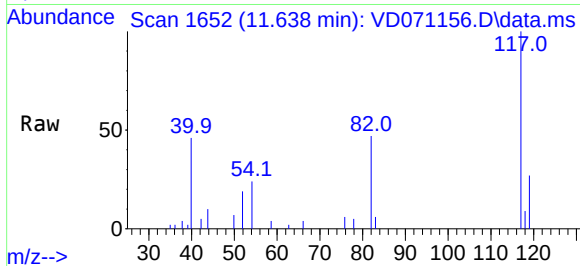




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071156.D
Acq: 04 Dec 2021 21:04

Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-13

Tgt Ion:117	Resp:	13356
Ion	Ratio	Lower Upper
117	100	
82	46.8	44.7 67.1
119	26.8	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: VD071156.D
Acq: 04 Dec 2021 21:04

Tgt Ion:152	Resp:	6322
Ion	Ratio	Lower Upper
152	100	
115	70.8	29.8 89.3
150	154.6	0.0 349.2

