

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120621\
 Data File : VD071166.D
 Acq On : 06 Dec 2021 12:41
 Operator : VA/SY
 Sample : M4927-12RE
 Misc : 5.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PH1-BOT-13RE

Quant Time: Dec 07 06:51:33 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	324197	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	543689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	568528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	262058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	162769	42.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.580%
35) Dibromofluoromethane	7.908	113	166312	48.037	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.080%
50) Toluene-d8	10.332	98	700764	53.188	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.380%
62) 4-Bromofluorobenzene	12.626	95	273633	59.915	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.820%

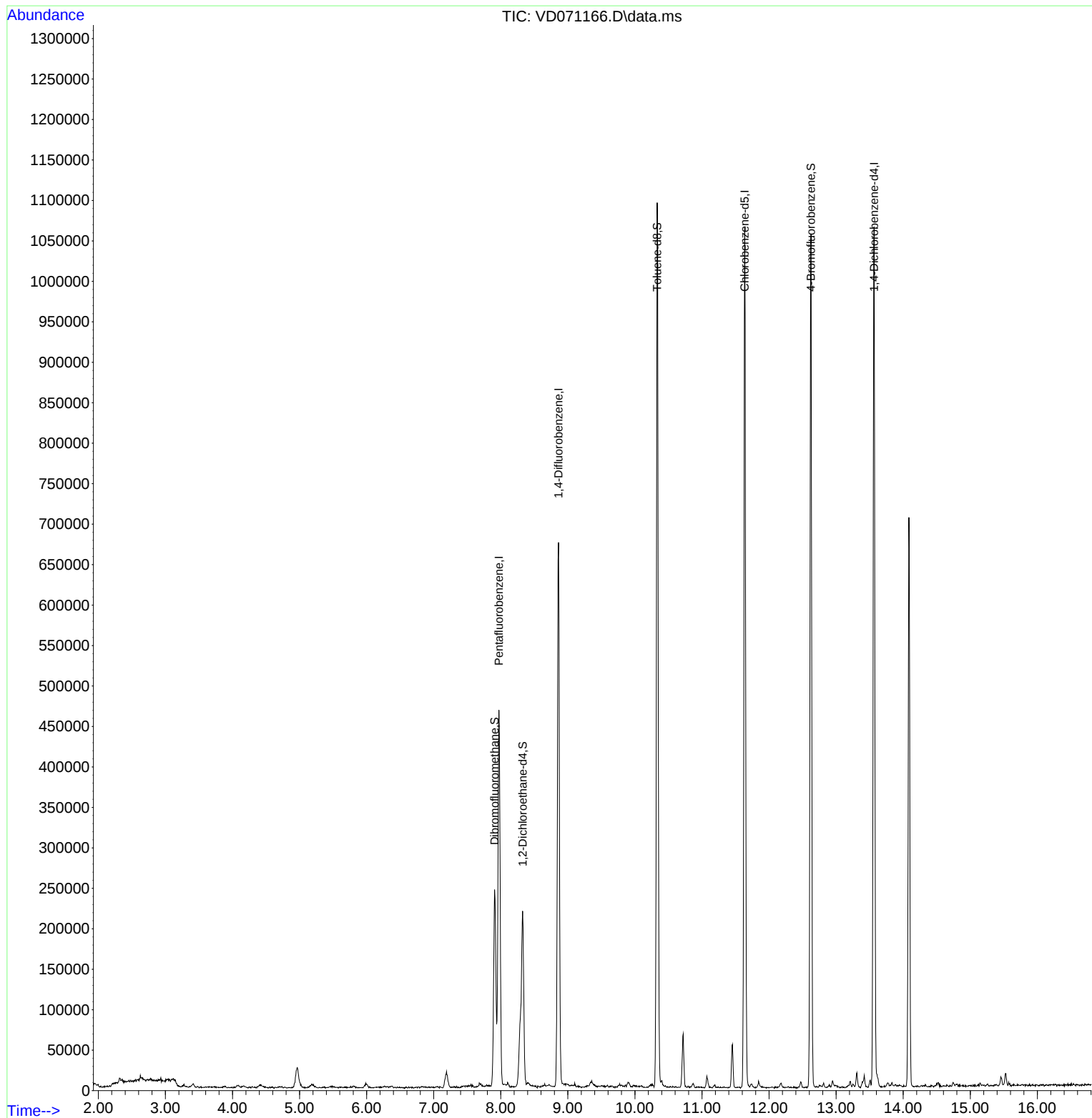
Target Compounds	Qvalue

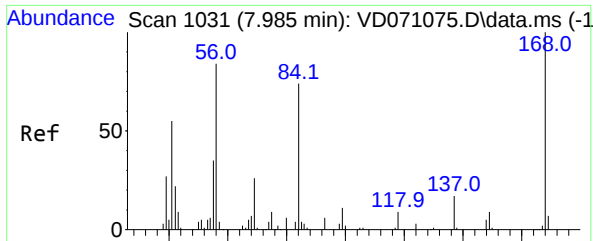
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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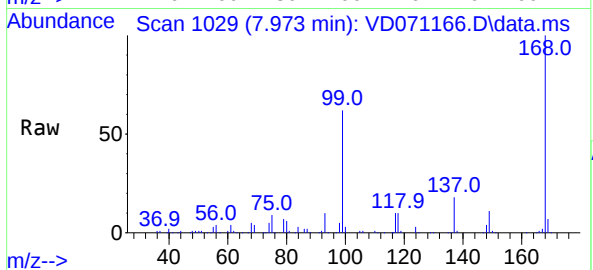
Quant Time: Dec 07 06:51:33 2021
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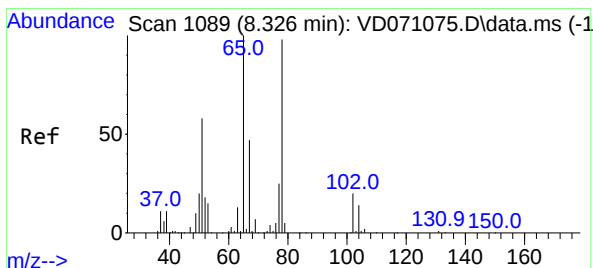
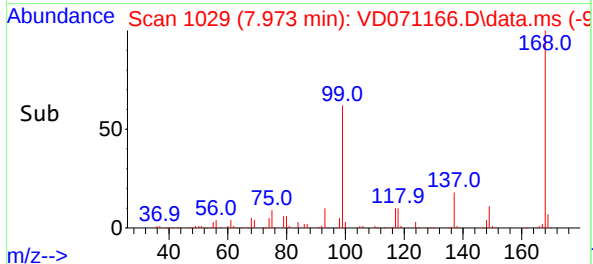
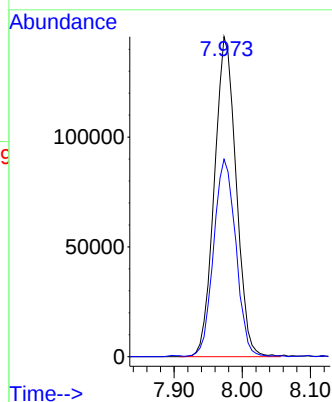


Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.012 min
 Lab File: VD071166.D
 Acq: 06 Dec 2021 12:41

Instrument :
 MSVOA_D
 ClientSampleId :
 PH1-BOT-13RE

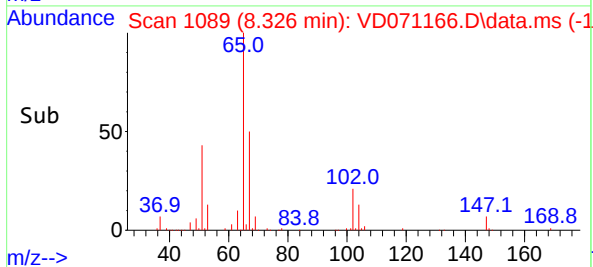
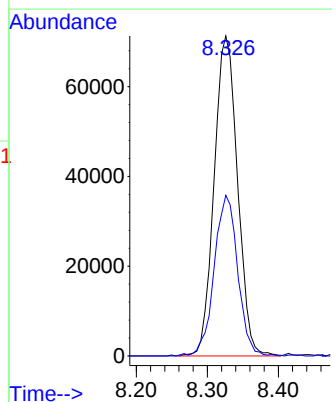
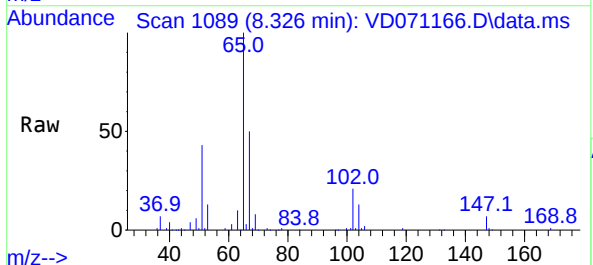


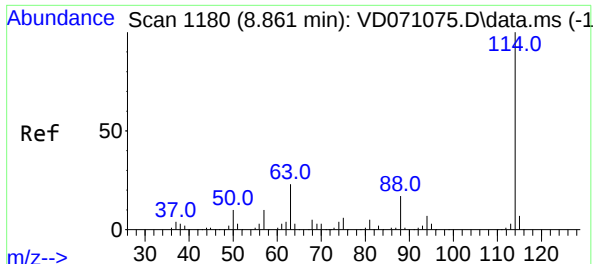
Tgt Ion:168 Resp: 324197
 Ion Ratio Lower Upper
 168 100
 99 61.4 46.6 69.8



1,2-Dichloroethane-d4
 Concen: 42.788 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD071166.D
 Acq: 06 Dec 2021 12:41

Tgt Ion: 65 Resp: 162769
 Ion Ratio Lower Upper
 65 100
 67 50.6 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: VD071166.D

Acq: 06 Dec 2021 12:41

Instrument :

MSVOA_D

ClientSampleId :

PH1-BOT-13RE

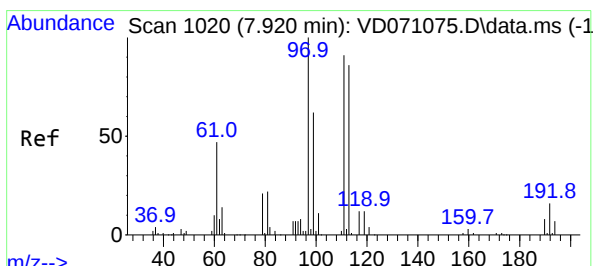
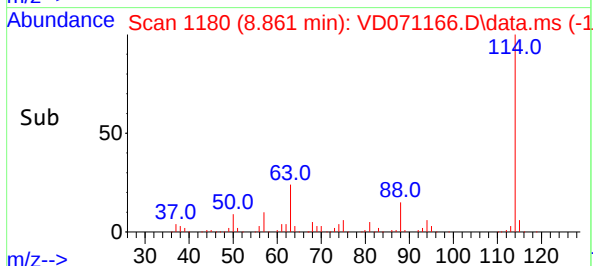
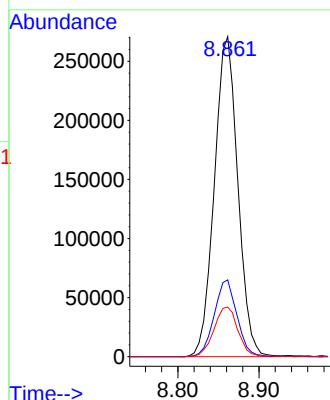
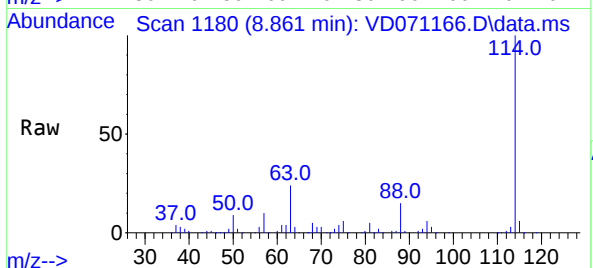
Tgt Ion:114 Resp: 543689

Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.8

88 15.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.037 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071166.D

Acq: 06 Dec 2021 12:41

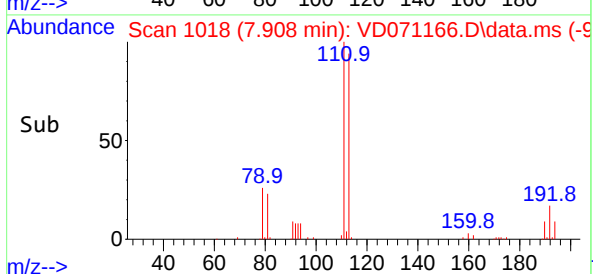
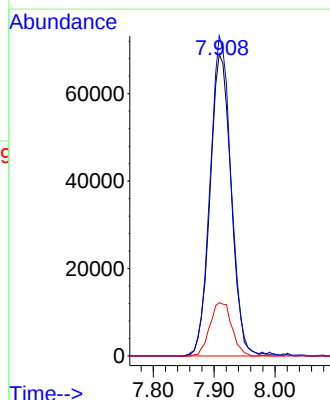
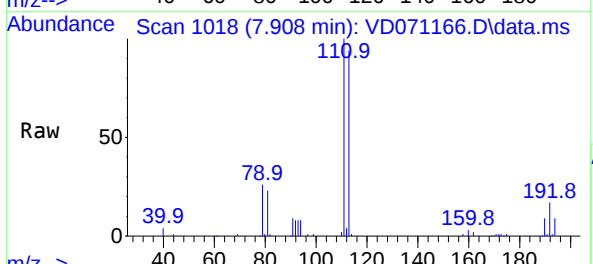
Tgt Ion:113 Resp: 166312

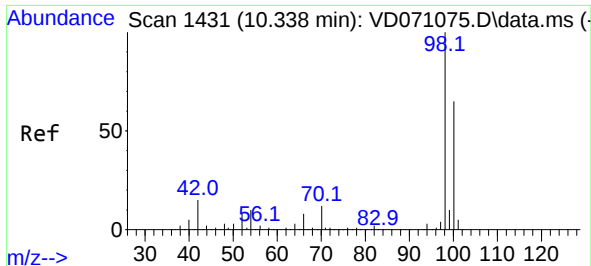
Ion Ratio Lower Upper

113 100

111 104.7 82.0 123.0

192 18.3 15.2 22.8

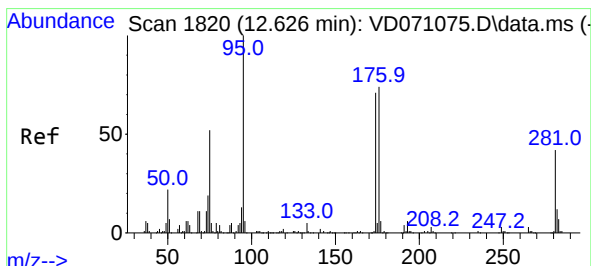
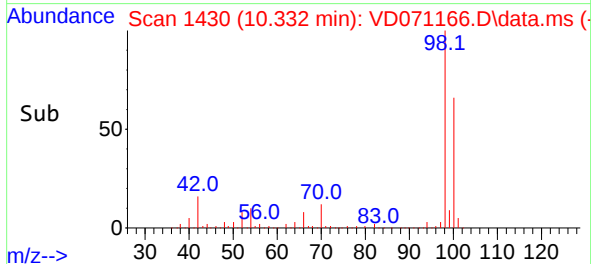
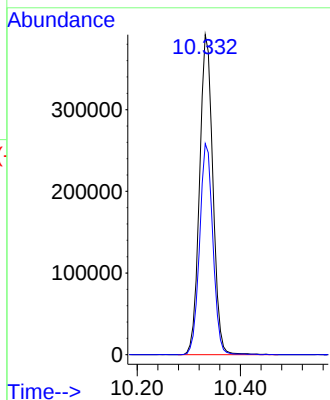
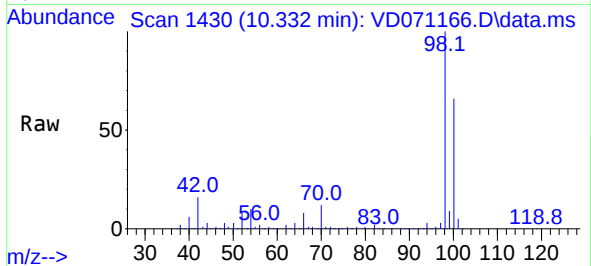




#50
Toluene-d8
Concen: 53.188 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

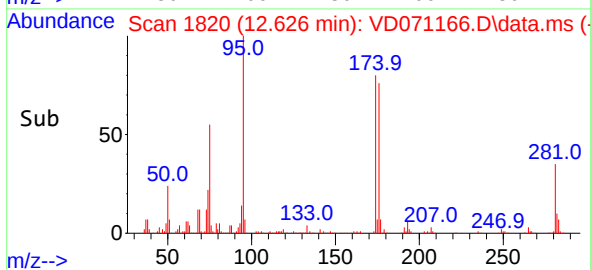
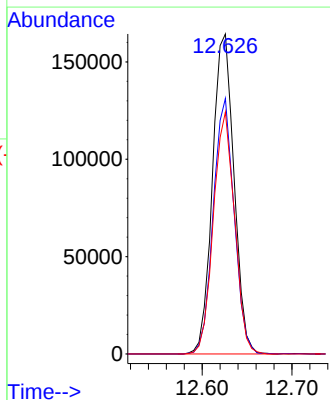
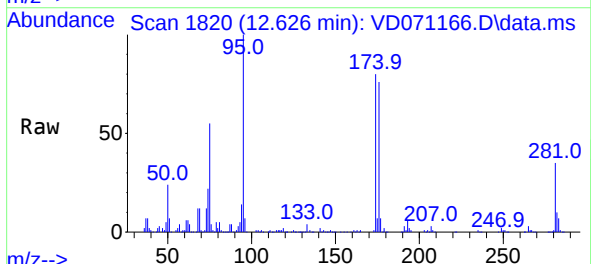
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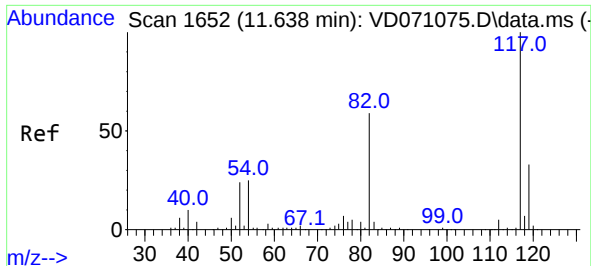
Tgt Ion: 98 Resp: 700764
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.915 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

Tgt Ion: 95 Resp: 273633
Ion Ratio Lower Upper
95 100
174 77.6 0.0 159.4
176 74.3 0.0 154.0

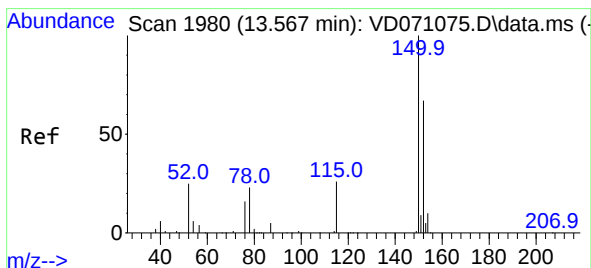
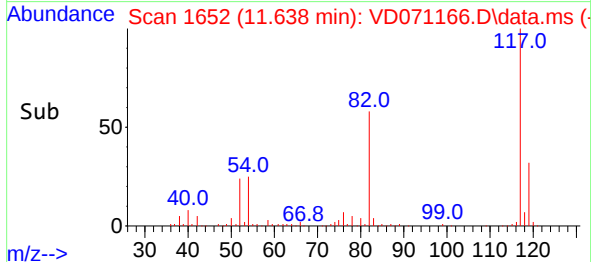
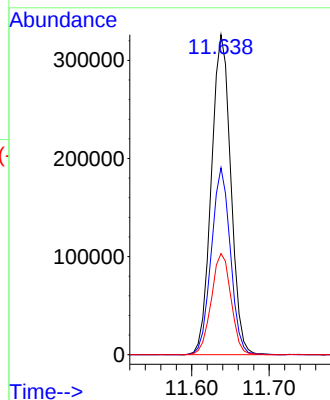
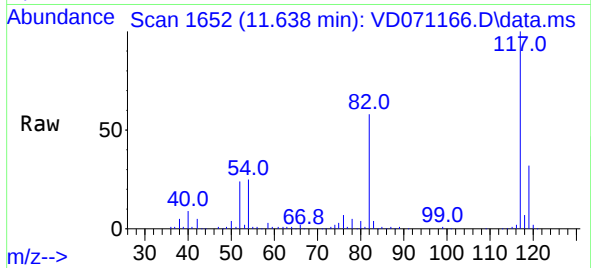




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-13RE

Tgt Ion:117 Resp: 568528
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 31.6 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: VD071166.D
Acq: 06 Dec 2021 12:41

Tgt Ion:152 Resp: 262058
Ion Ratio Lower Upper
152 100
115 62.3 29.8 89.3
150 158.5 0.0 349.2

