

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072969.D
 Acq On : 13 May 2022 02:28
 Operator : VA/SY
 Sample : VD0512SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBL02

Quant Time: May 13 06:01:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	320366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	579727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	573254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177053	42.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.160%
35) Dibromofluoromethane	7.908	113	191351	46.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.000%
50) Toluene-d8	10.332	98	706284	48.360	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.620	95	249760	45.863	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.720%

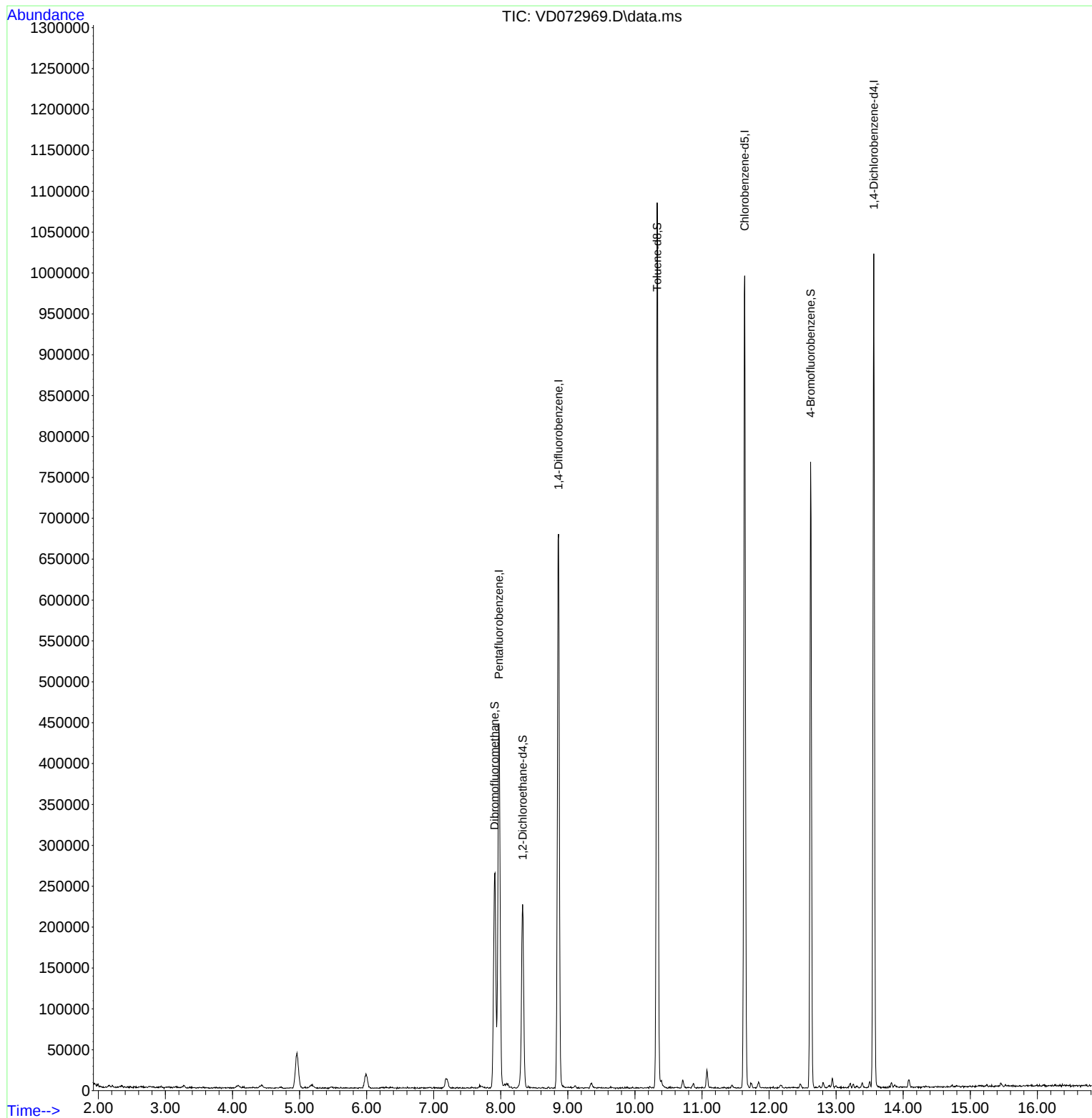
Target Compounds	Qvalue

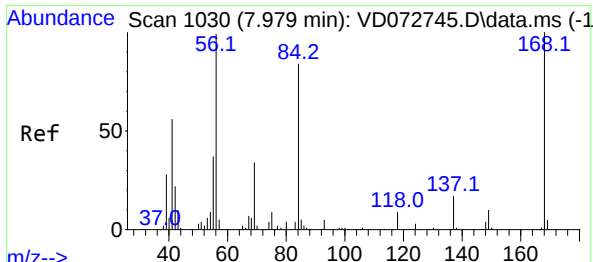
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1 Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072969.D

Acq: 13 May 2022 02:28

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MSVOA_D

ClientSampleId :

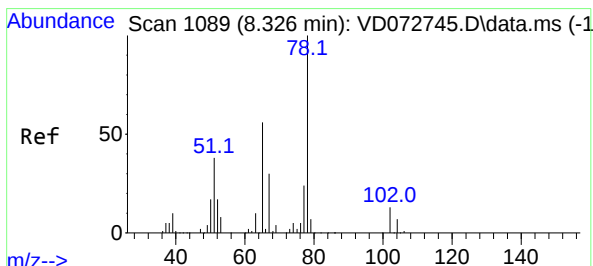
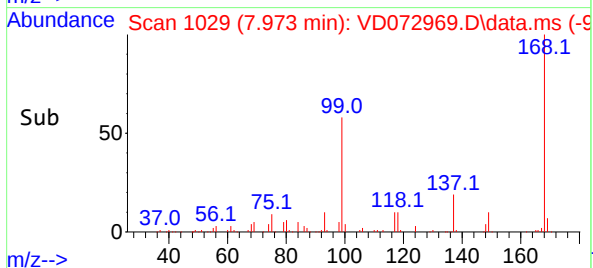
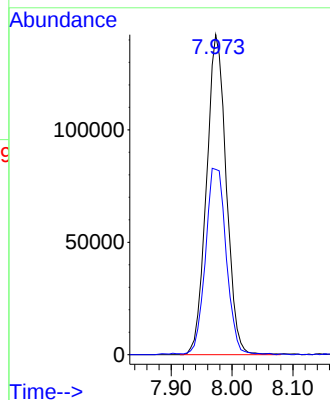
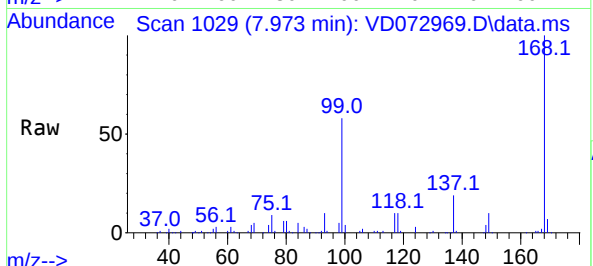
VD0512SBL02

Tgt Ion:168 Resp: 320366

Ion Ratio Lower Upper

168 100

99 57.7 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 42.575 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072969.D

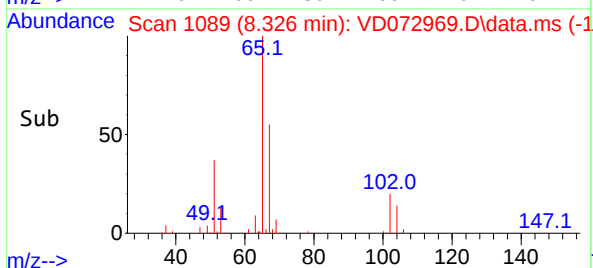
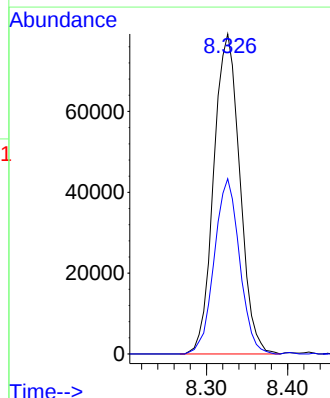
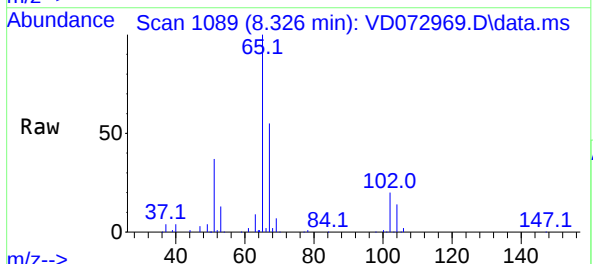
Acq: 13 May 2022 02:28

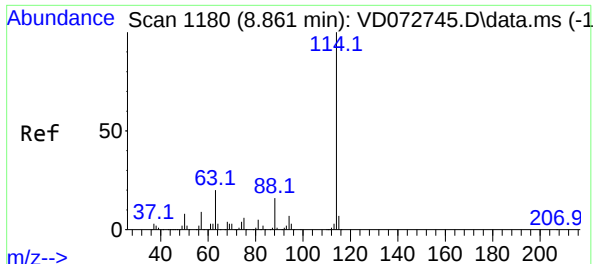
Tgt Ion: 65 Resp: 177053

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072969.D

Acq: 13 May 2022 02:28

Instrument :

MSVOA_D

ClientSampleId :

VD0512SBL02

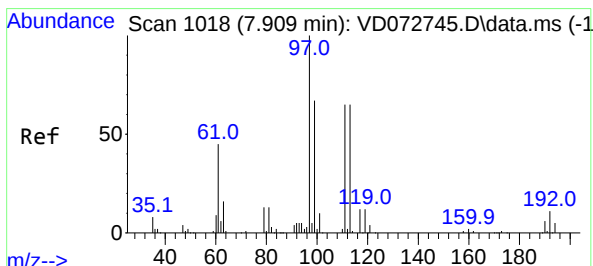
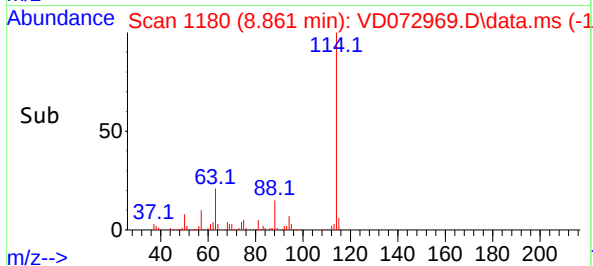
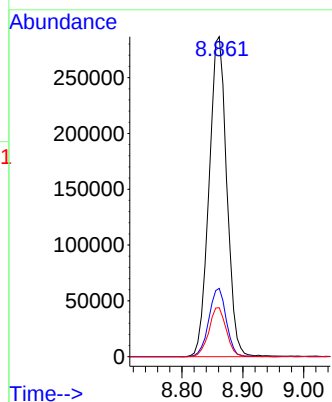
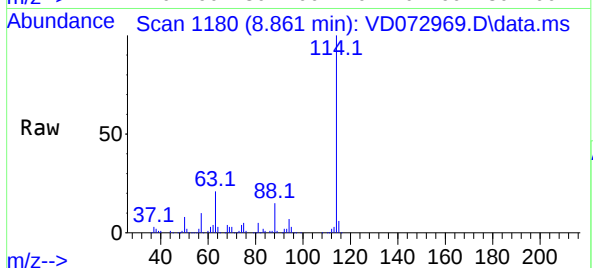
Tgt Ion:114 Resp: 579727

Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.998 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072969.D

Acq: 13 May 2022 02:28

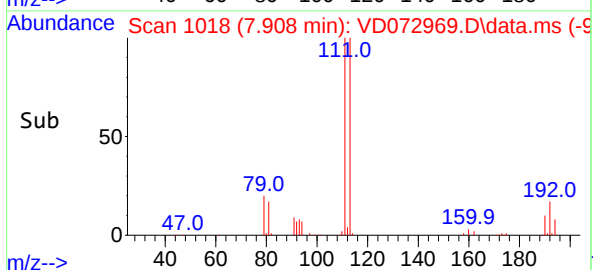
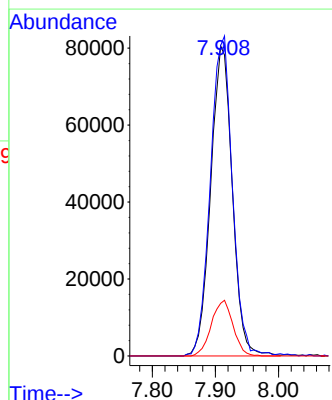
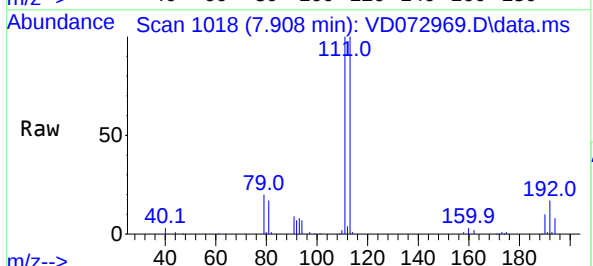
Tgt Ion:113 Resp: 191351

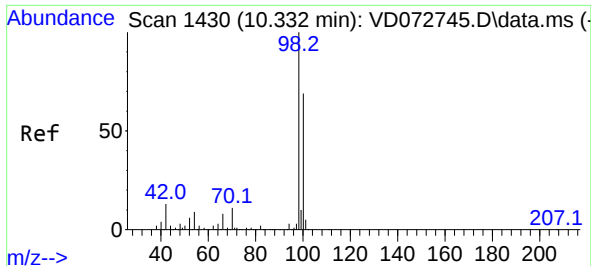
Ion Ratio Lower Upper

113 100

111 105.2 83.8 125.6

192 18.0 14.6 21.8

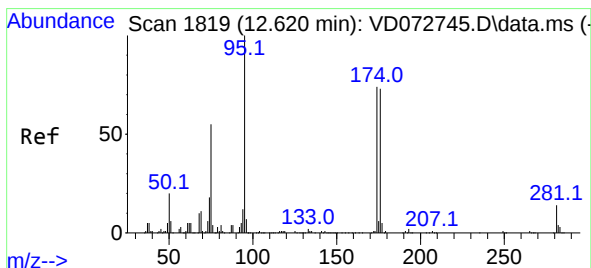
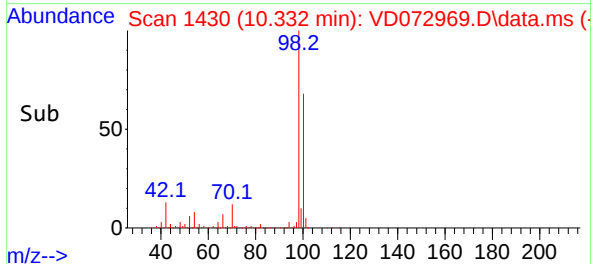
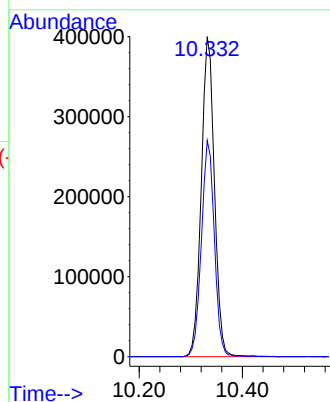
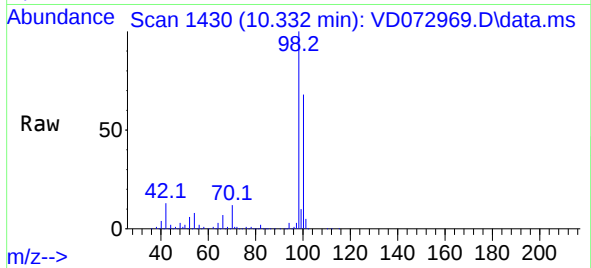




#50
Toluene-d8
Concen: 48.360 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

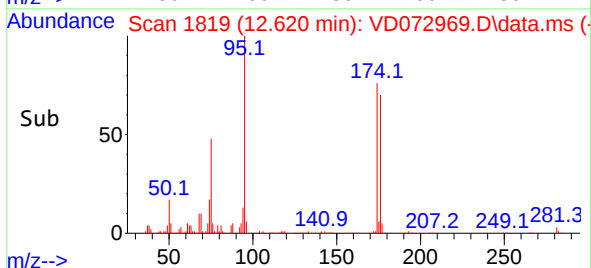
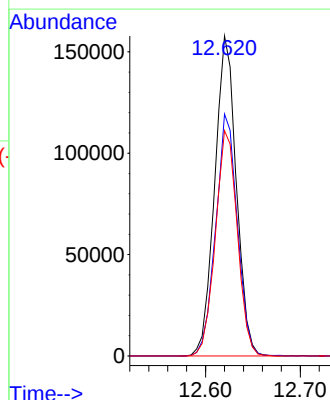
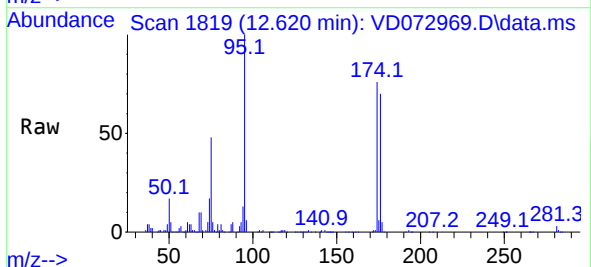
Instrument :
MSVOA_D
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VD0512SBL02

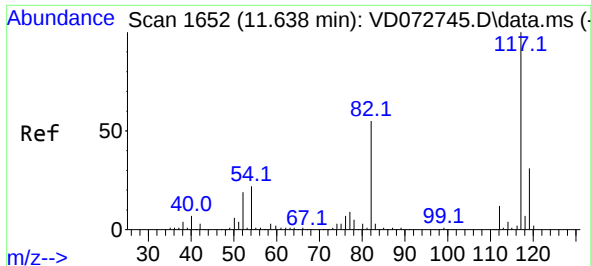
Tgt Ion: 98 Resp: 706284
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.863 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

Tgt Ion: 95 Resp: 249760
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 71.5 0.0 145.4

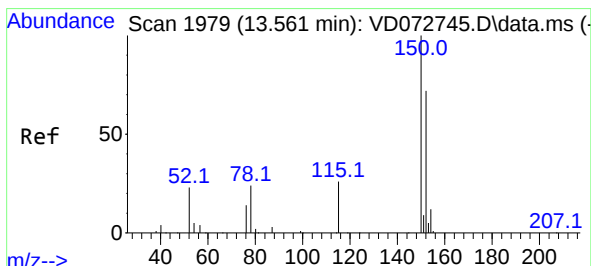
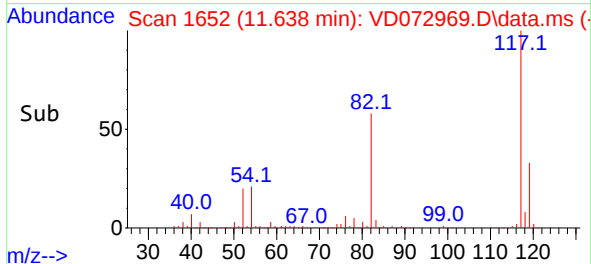
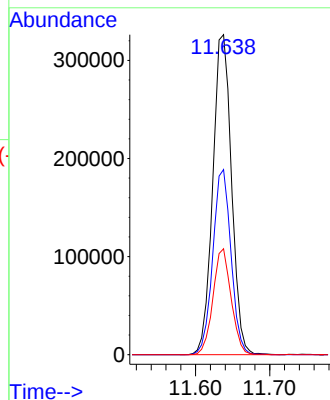
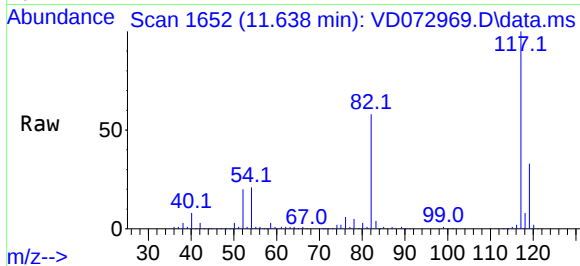




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL02

Tgt Ion:117 Resp: 573254
Ion Ratio Lower Upper
117 100
82 57.8 45.3 67.9
119 33.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

Tgt Ion:152 Resp: 259893
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 156.6 0.0 348.6

