

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD071006.D
 Acq On : 12 Nov 2021 01:51
 Operator : VA/SY
 Sample : VD1111SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBL02

Quant Time: Nov 15 01:07:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	242077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	451410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	414475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	180054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	152846	59.302	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.600%
35) Dibromofluoromethane	7.914	113	136983	53.777	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.560%
50) Toluene-d8	10.332	98	499827	50.105	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.620	95	179813	50.062	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.120%

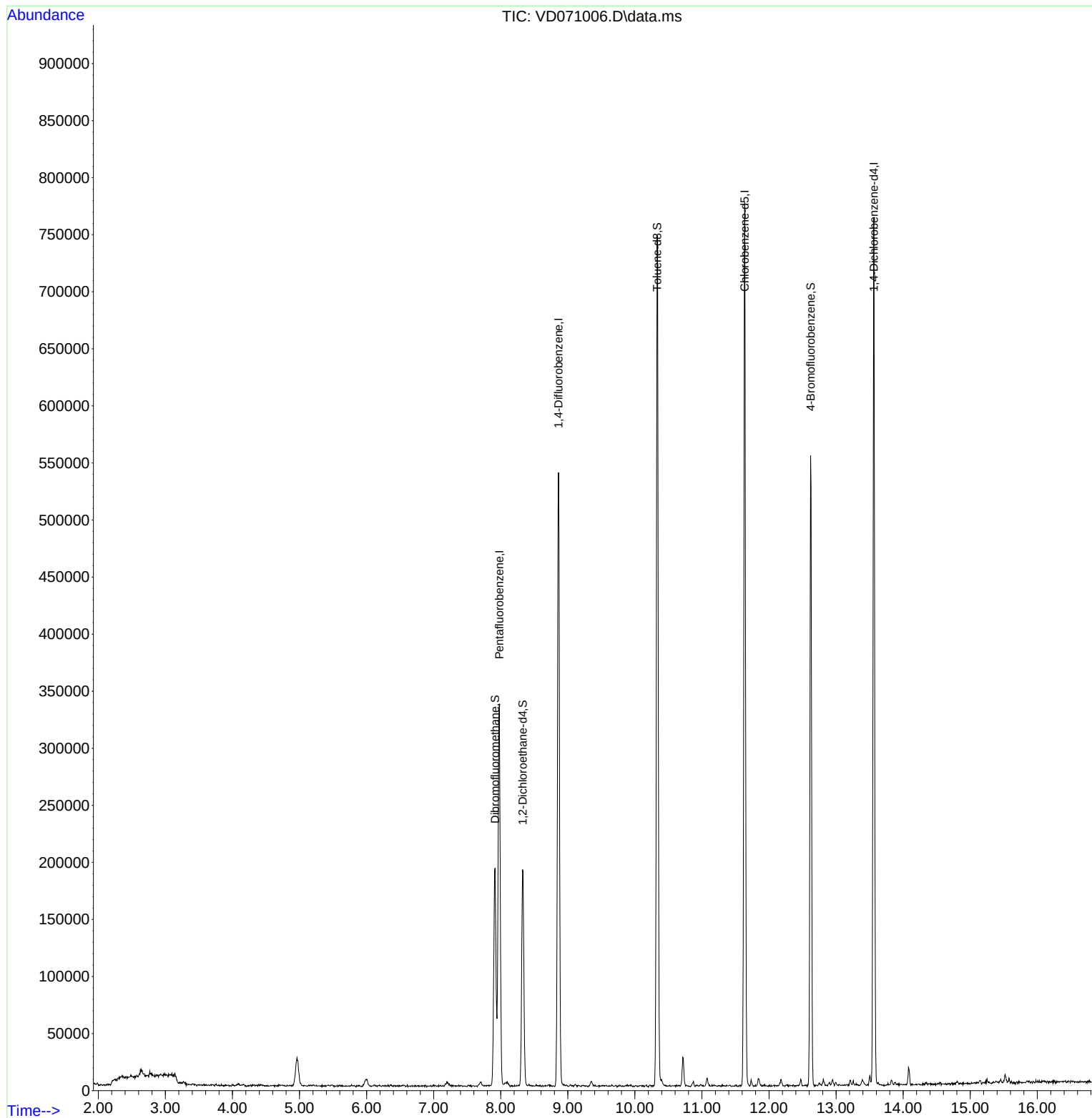
Target Compounds	Qvalue

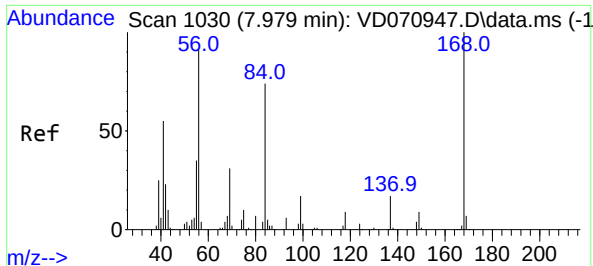
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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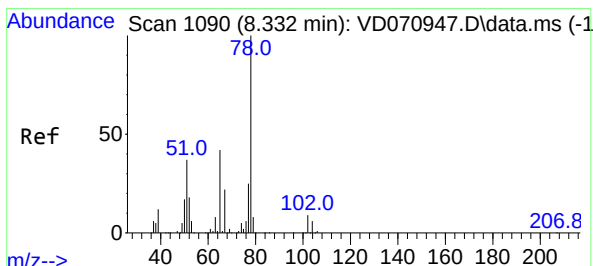
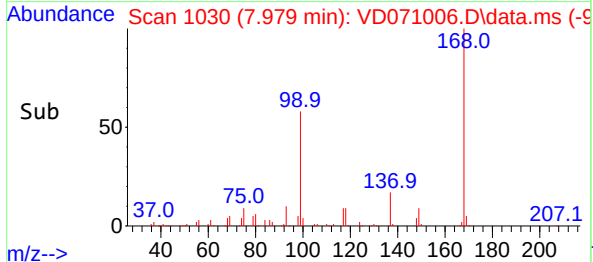
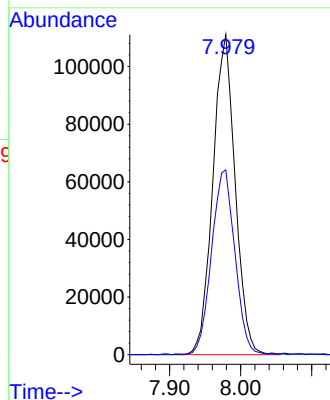
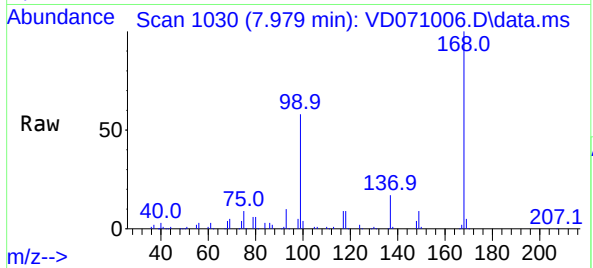




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071006.D
Acq: 12 Nov 2021 01:51

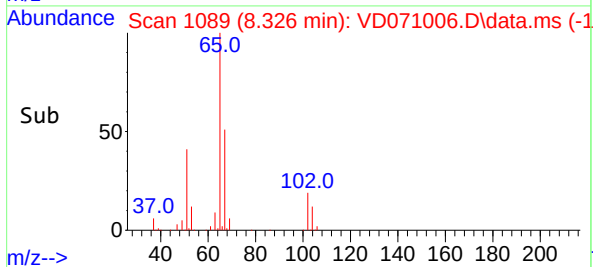
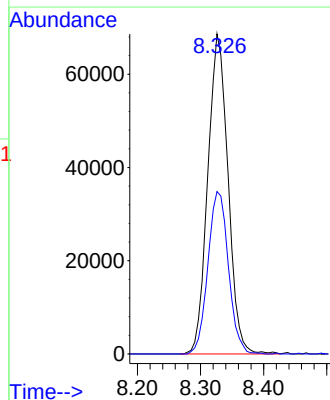
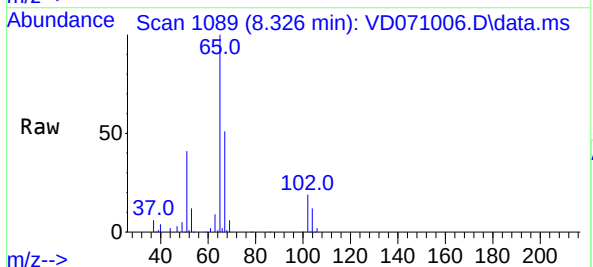
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL02

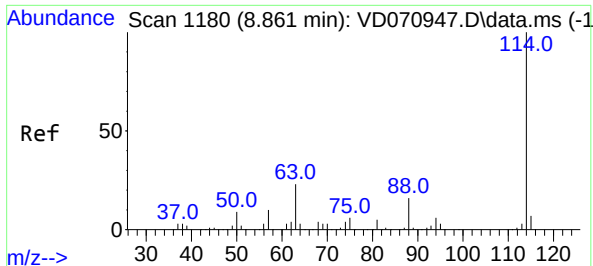
Tgt Ion:168 Resp: 242077
Ion Ratio Lower Upper
168 100
99 57.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 59.302 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071006.D
Acq: 12 Nov 2021 01:51

Tgt Ion: 65 Resp: 152846
Ion Ratio Lower Upper
65 100
67 51.3 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: VD071006.D

Acq: 12 Nov 2021 01:51

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBL02

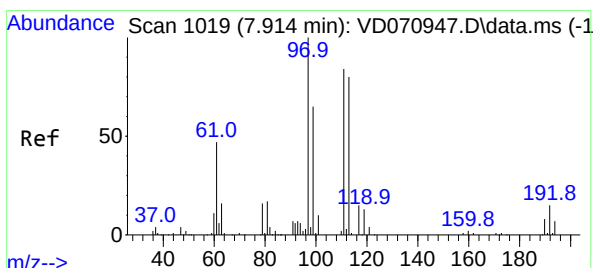
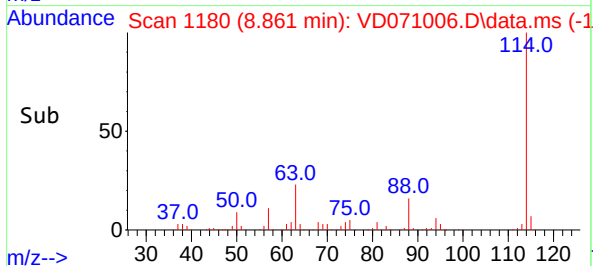
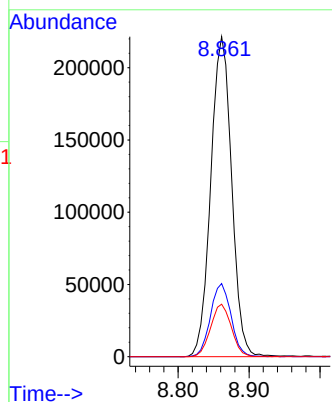
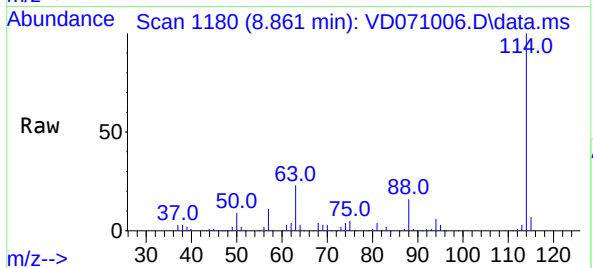
Tgt Ion:114 Resp: 451410

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 16.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.777 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071006.D

Acq: 12 Nov 2021 01:51

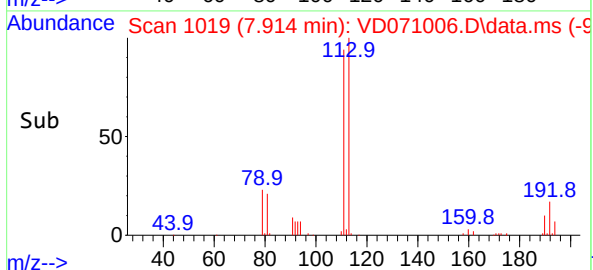
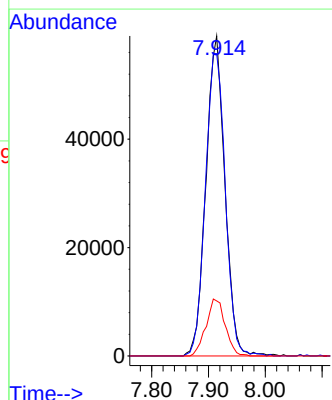
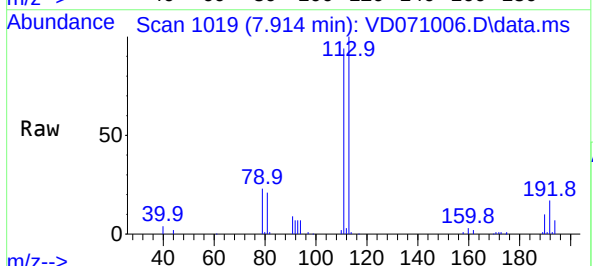
Tgt Ion:113 Resp: 136983

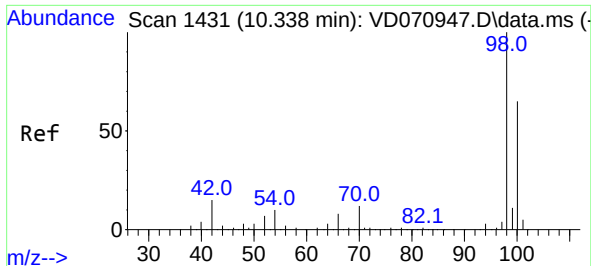
Ion Ratio Lower Upper

113 100

111 99.2 82.0 123.0

192 18.0 15.2 22.8

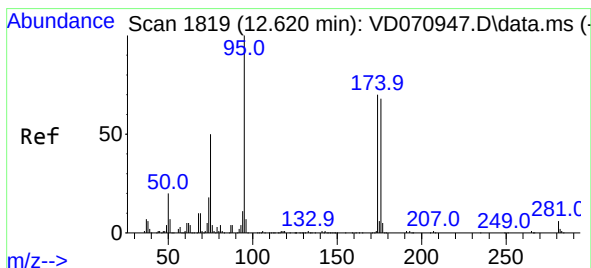
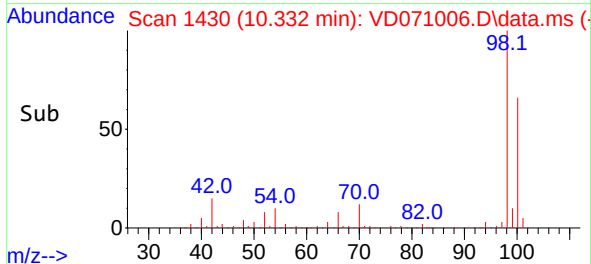
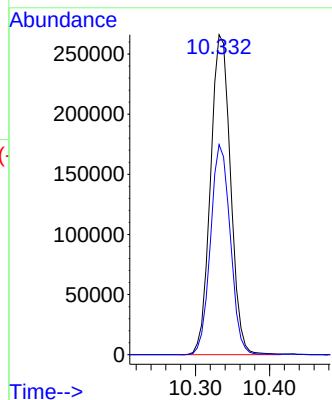
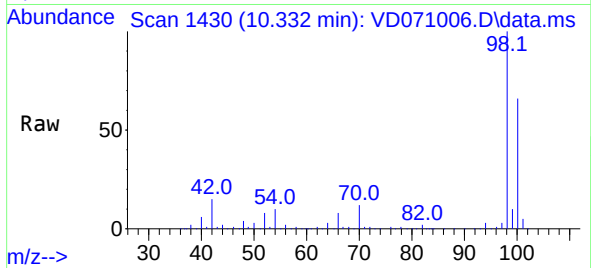




#50
Toluene-d8
Concen: 50.105 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071006.D
Acq: 12 Nov 2021 01:51

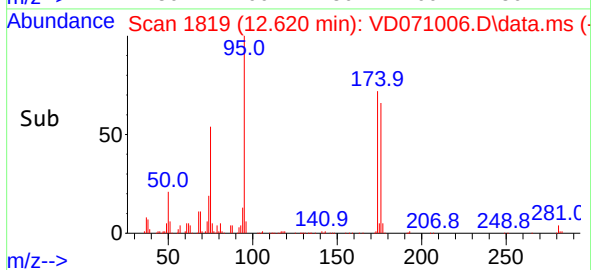
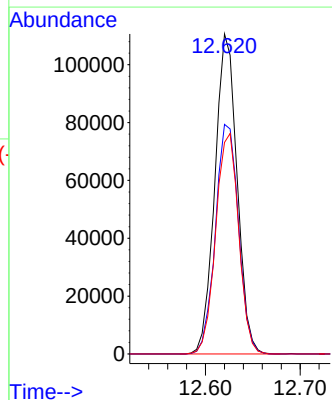
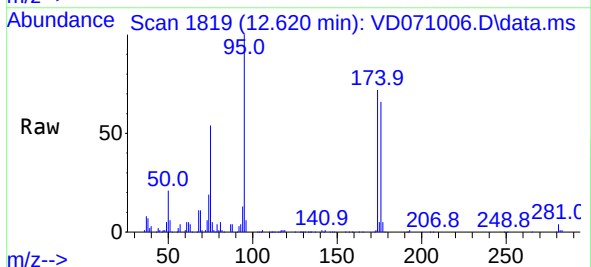
Instrument :
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VD1111SBL02

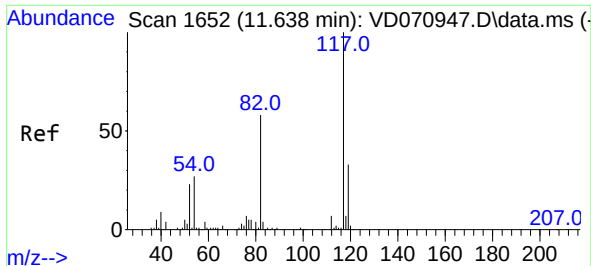
Tgt Ion: 98 Resp: 499827
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.062 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD071006.D
Acq: 12 Nov 2021 01:51

Tgt Ion: 95 Resp: 179813
Ion Ratio Lower Upper
95 100
174 74.8 0.0 159.4
176 71.3 0.0 154.0

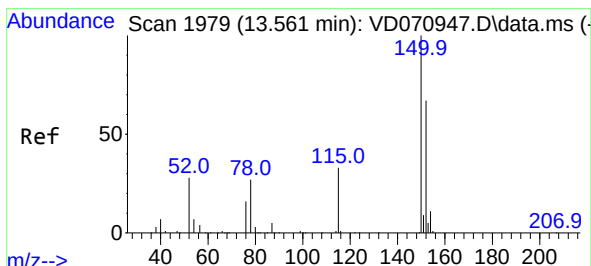
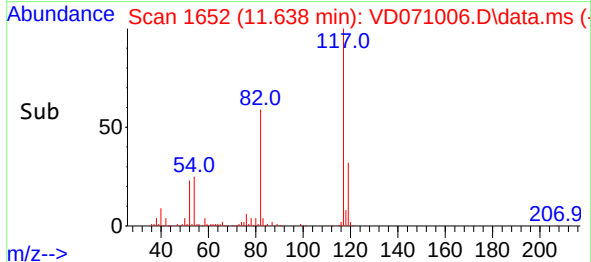
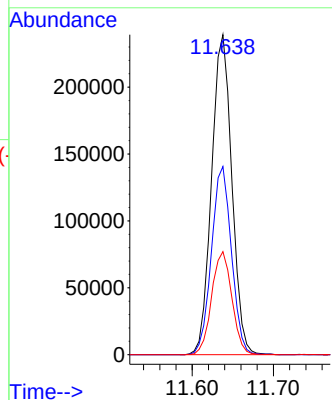
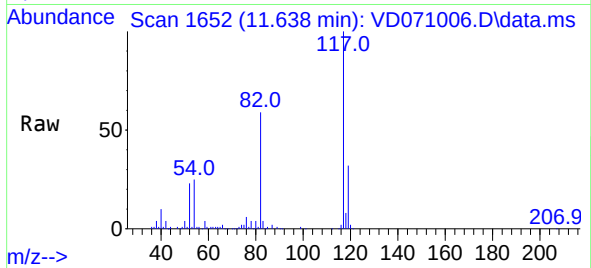




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071006.D
Acq: 12 Nov 2021 01:51

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL02

Tgt Ion:117 Resp: 414475
Ion Ratio Lower Upper
117 100
82 58.8 44.7 67.1
119 32.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071006.D
Acq: 12 Nov 2021 01:51

Tgt Ion:152 Resp: 180054
Ion Ratio Lower Upper
152 100
115 62.1 29.8 89.3
150 160.0 0.0 349.2

