

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072824.D
 Acq On : 05 May 2022 23:23
 Operator : VA/SY
 Sample : VD0505SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0505SBL02

Quant Time: May 06 03:53:18 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	381807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	691006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	660154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	296006	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	237885	47.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.000%
35) Dibromofluoromethane	7.908	113	227768	46.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.860%
50) Toluene-d8	10.332	98	840613	48.288	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.620	95	307588	47.386	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.780%

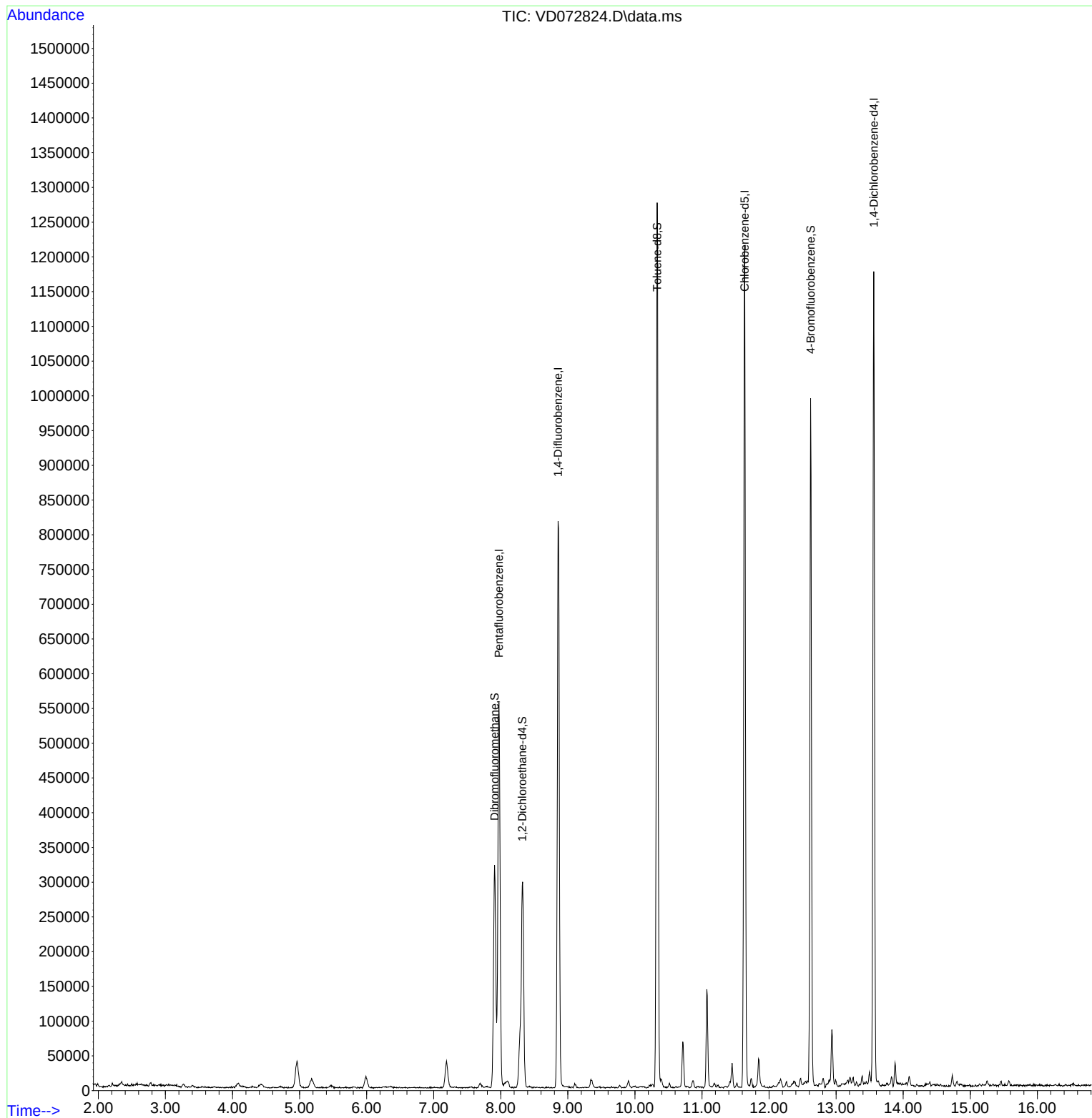
Target Compounds	Qvalue

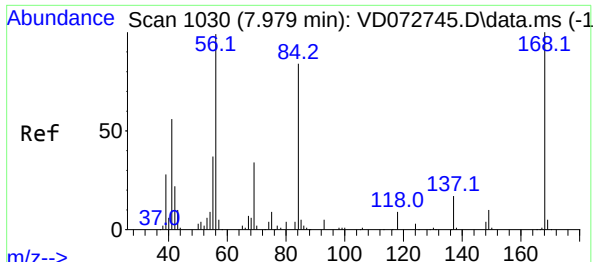
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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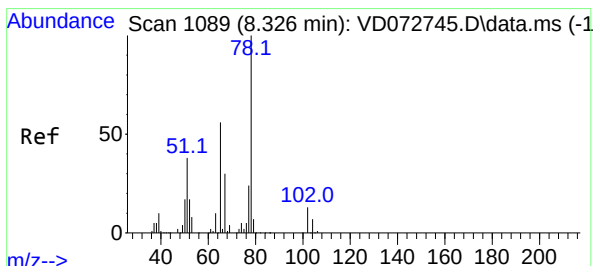
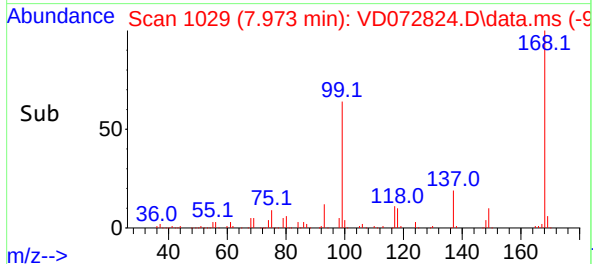
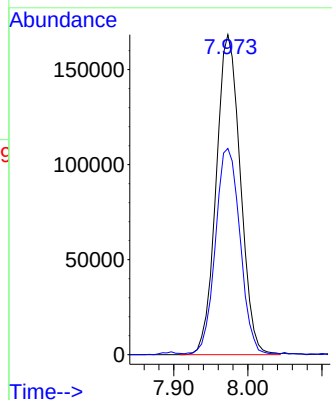
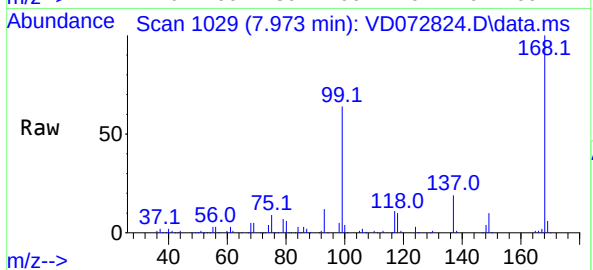




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072824.D
Acq: 05 May 2022 23:23

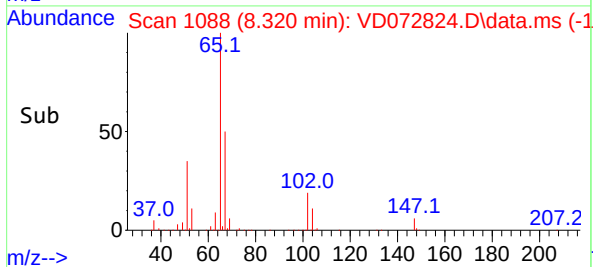
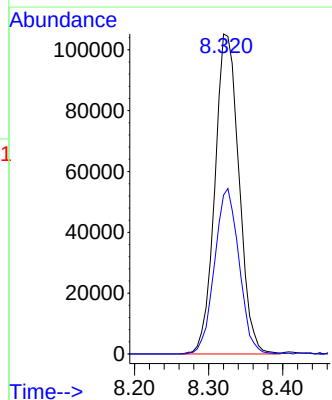
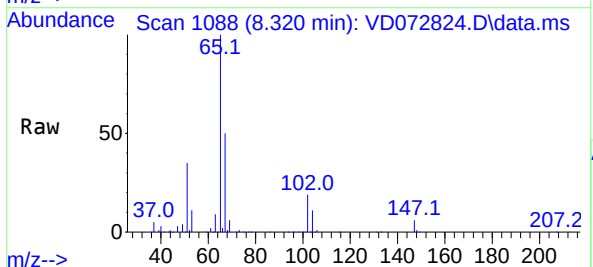
Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL02

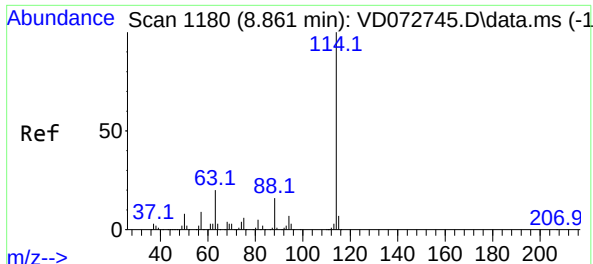
Tgt Ion:168 Resp: 381807
Ion Ratio Lower Upper
168 100
99 64.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.998 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072824.D
Acq: 05 May 2022 23:23

Tgt Ion: 65 Resp: 237885
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072824.D

Acq: 05 May 2022 23:23

Instrument :

MSVOA_D

ClientSampleId :

VD0505SBL02

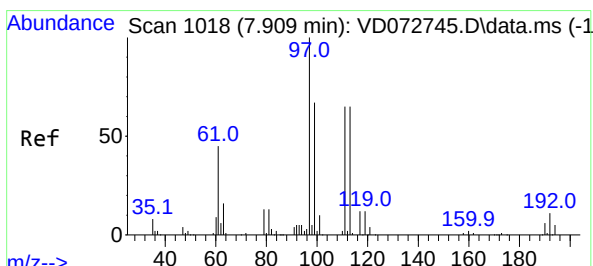
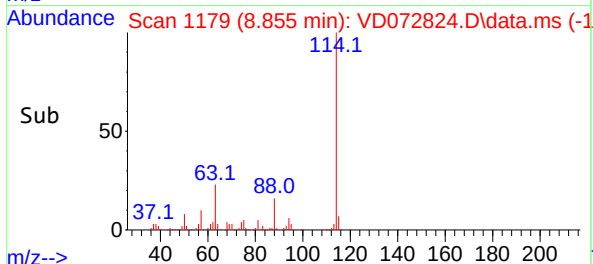
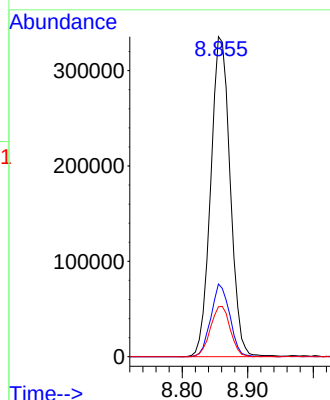
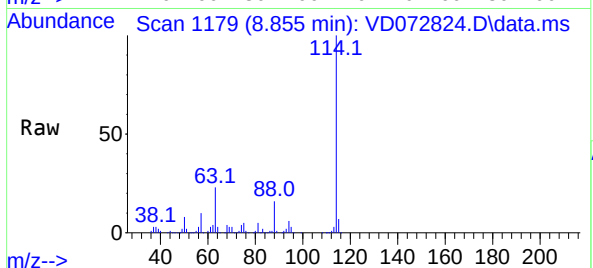
Tgt Ion:114 Resp: 691006

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.933 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072824.D

Acq: 05 May 2022 23:23

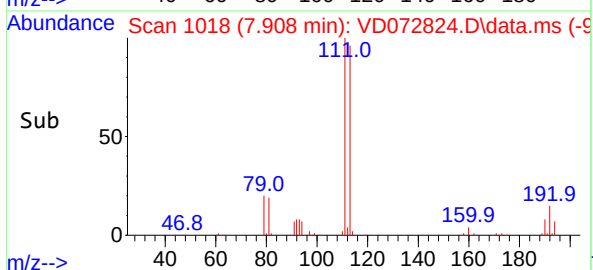
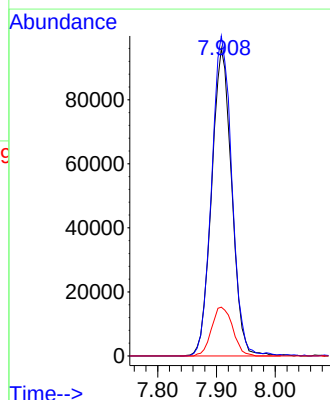
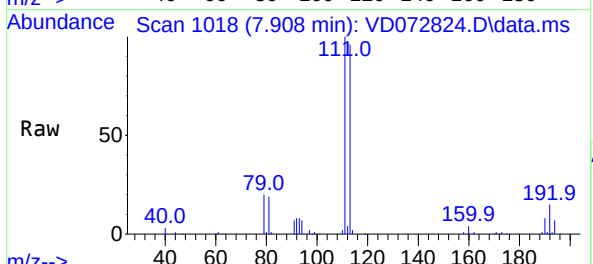
Tgt Ion:113 Resp: 227768

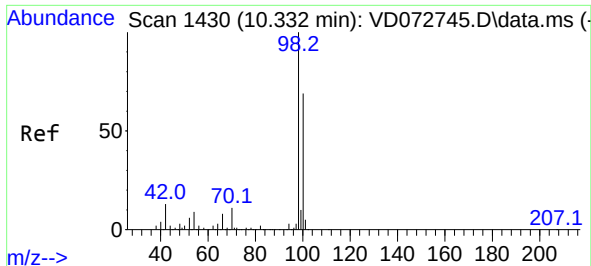
Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 16.7 14.6 21.8

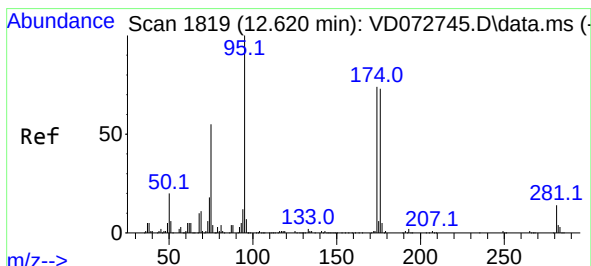
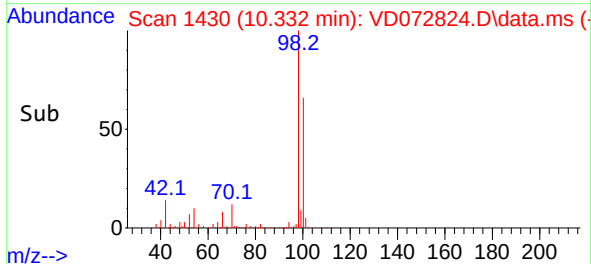
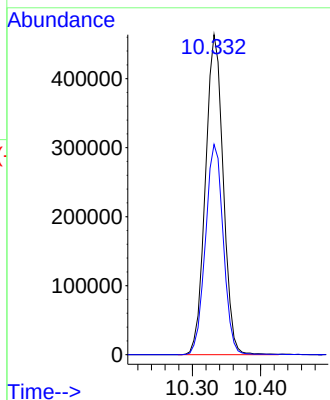
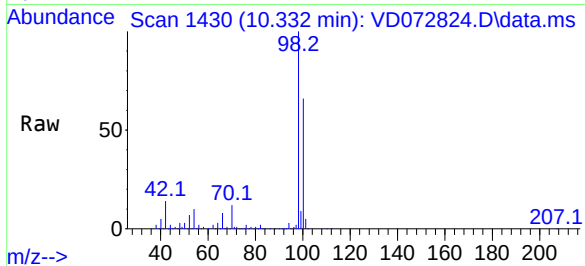




#50
Toluene-d8
Concen: 48.288 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072824.D
Acq: 05 May 2022 23:23

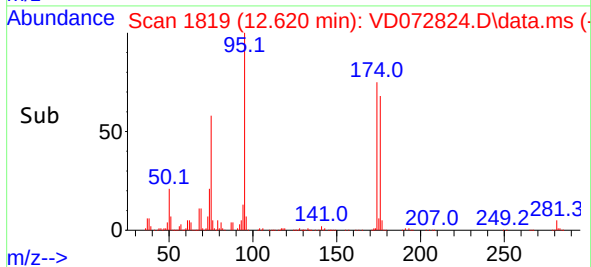
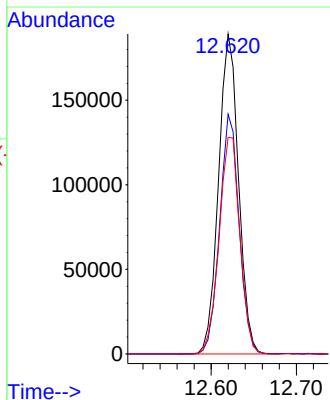
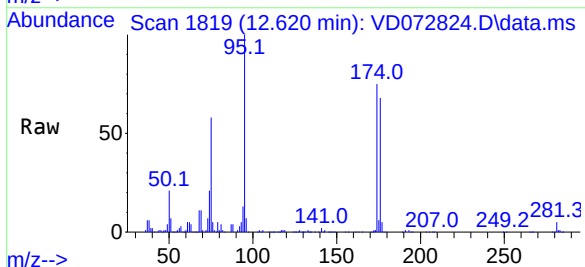
Instrument :
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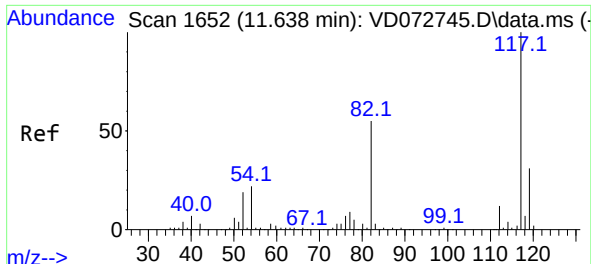
Tgt Ion: 98 Resp: 840613
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.386 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072824.D
Acq: 05 May 2022 23:23

Tgt Ion: 95 Resp: 307588
Ion Ratio Lower Upper
95 100
174 73.1 0.0 152.8
176 70.3 0.0 145.4

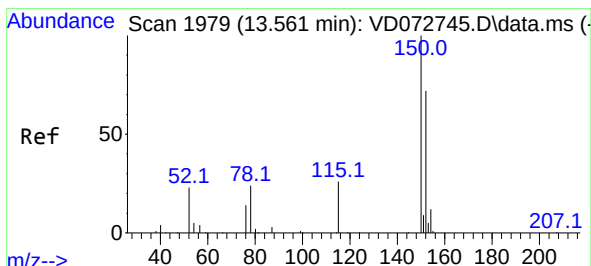
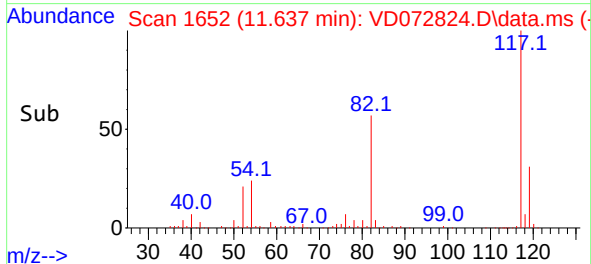
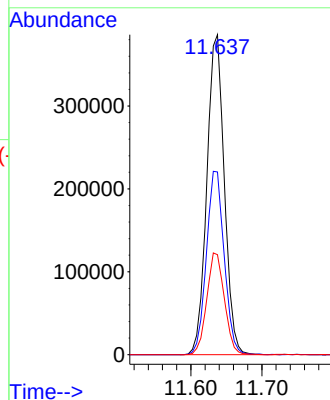
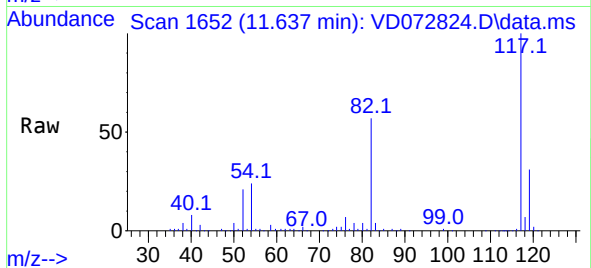




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD072824.D
Acq: 05 May 2022 23:23

Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL02

Tgt Ion:117 Resp: 660154
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 31.2 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: VD072824.D
Acq: 05 May 2022 23:23

Tgt Ion:152 Resp: 296006
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 156.3 0.0 348.6

