

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071838.D
 Acq On : 31 Jan 2022 11:41
 Operator : VA/SY
 Sample : VD0131SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBL01

Quant Time: Jan 31 13:35:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	333644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	605225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	550776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	232757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	240963	57.140	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.280%
35) Dibromofluoromethane	7.920	113	213112	53.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.140%
50) Toluene-d8	10.338	98	788197	53.050	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.100%
62) 4-Bromofluorobenzene	12.626	95	245258	47.270	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.540%

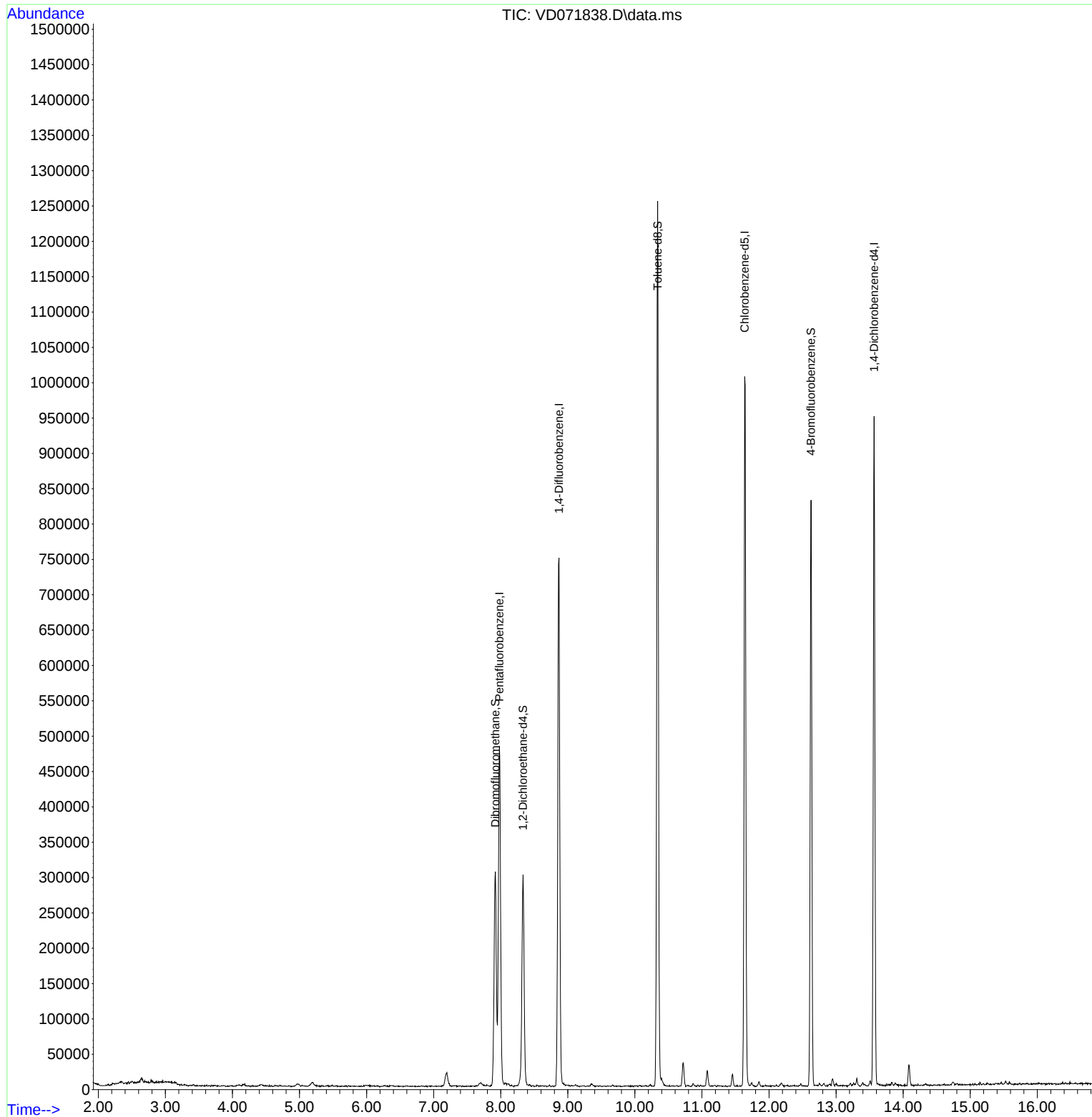
Target Compounds	Qvalue

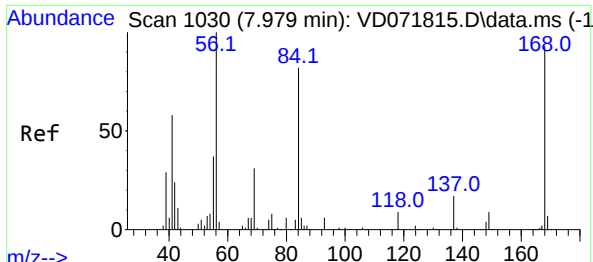
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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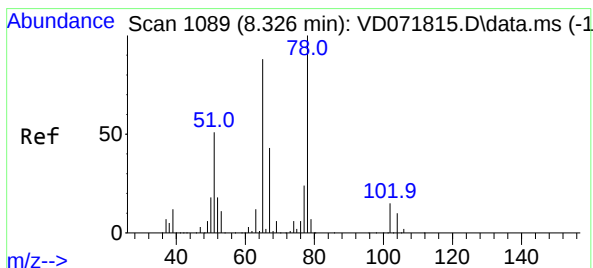
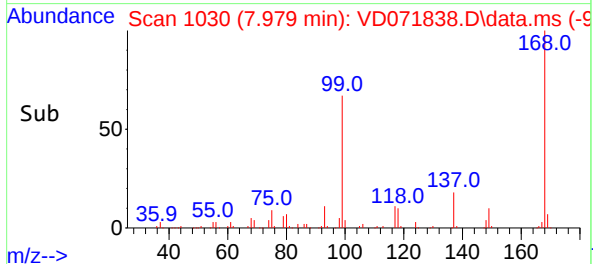
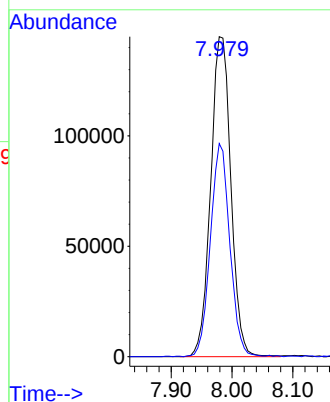
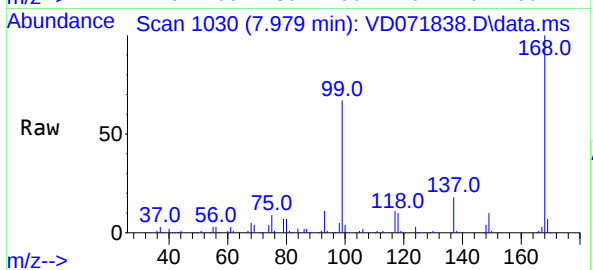




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

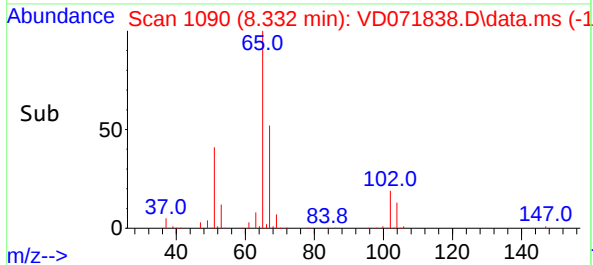
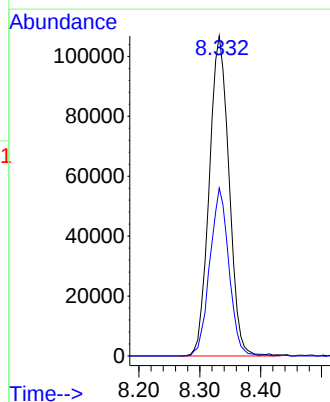
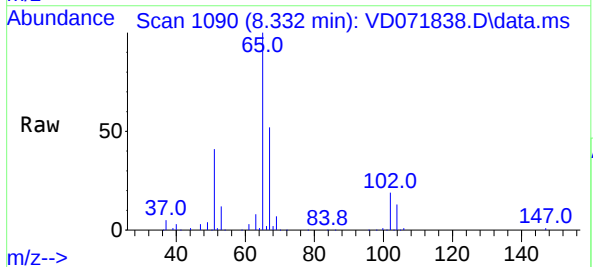
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

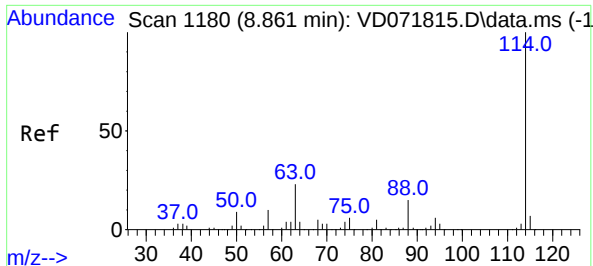
Tgt Ion:168 Resp: 333644
Ion Ratio Lower Upper
168 100
99 66.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 57.140 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

Tgt Ion: 65 Resp: 240963
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD071838.D

Acq: 31 Jan 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBL01

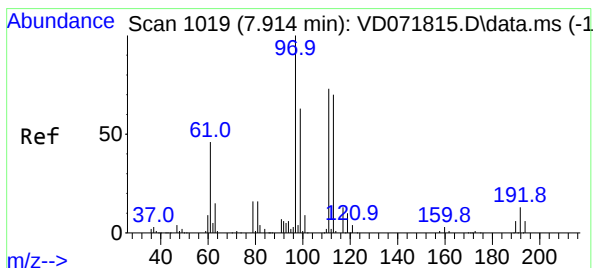
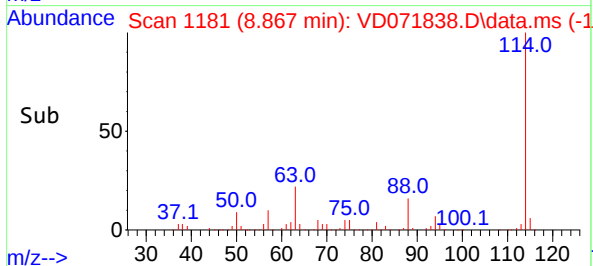
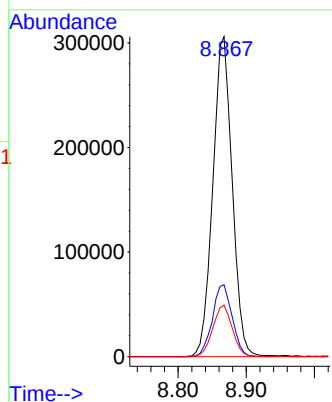
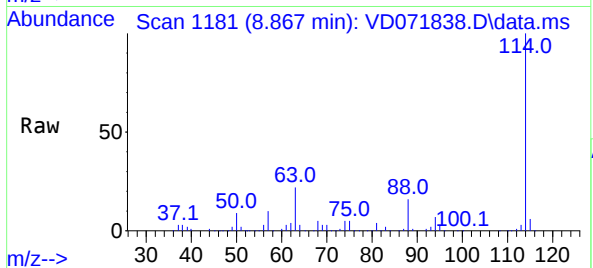
Tgt Ion:114 Resp: 605225

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.568 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VD071838.D

Acq: 31 Jan 2022 11:41

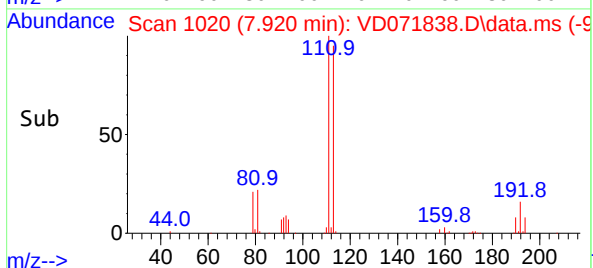
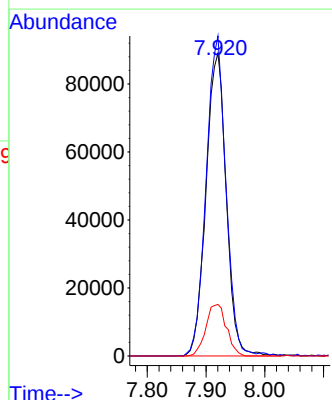
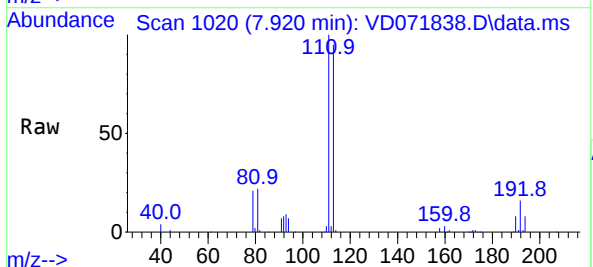
Tgt Ion:113 Resp: 213112

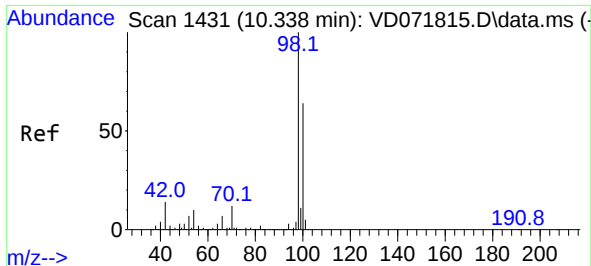
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 17.3 14.6 21.8

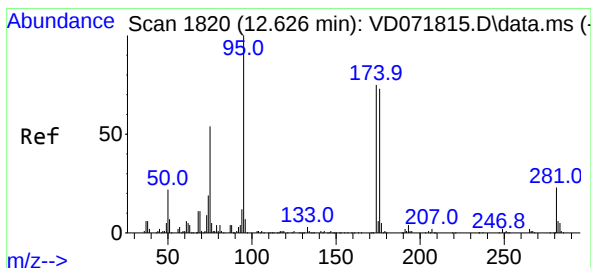
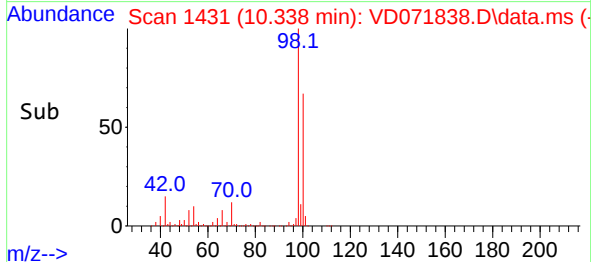
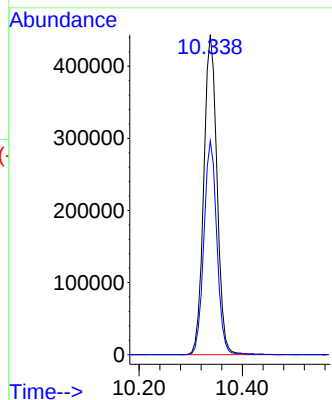
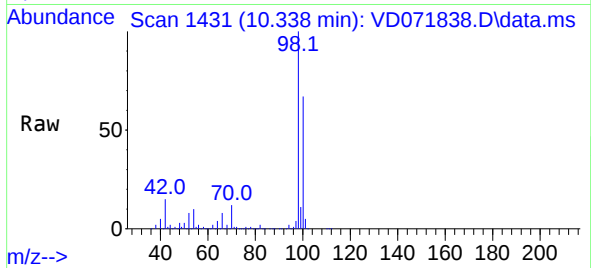




#50
Toluene-d8
Concen: 53.050 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

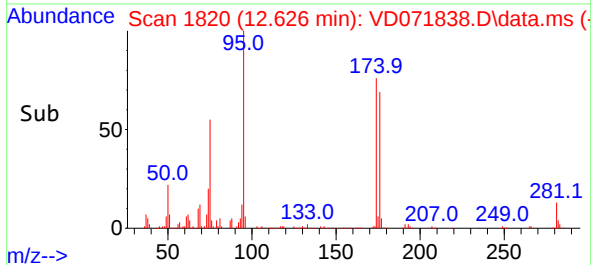
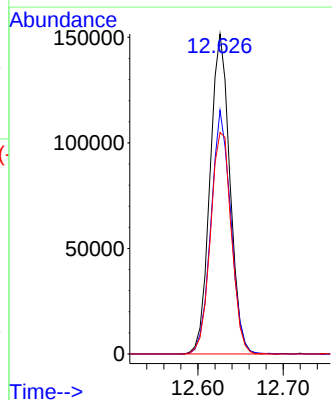
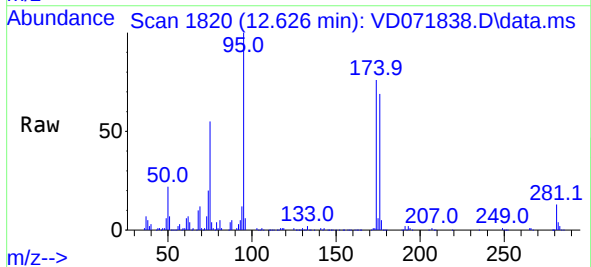
Instrument :
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VD0131SBL01

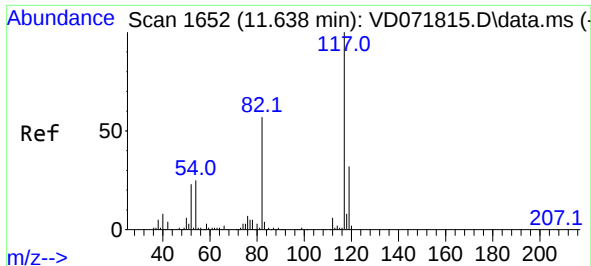
Tgt Ion: 98 Resp: 788197
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.270 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

Tgt Ion: 95 Resp: 245258
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 72.7 0.0 145.4

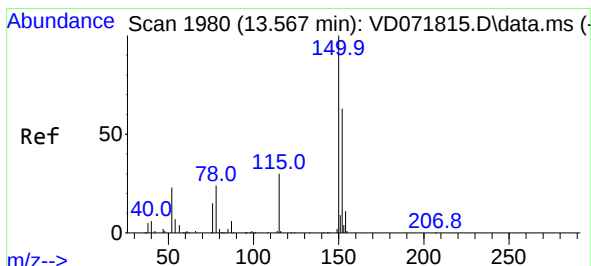
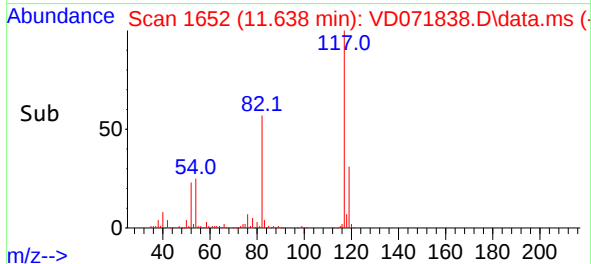
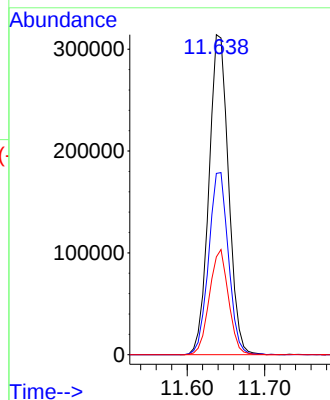
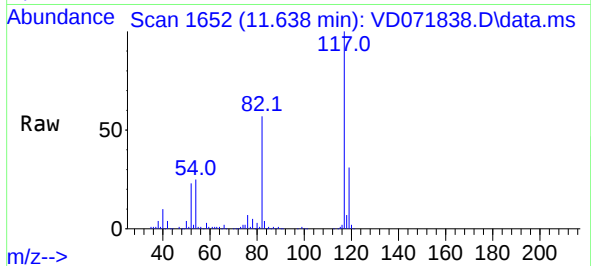




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

Tgt Ion:117 Resp: 550776
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 30.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071838.D
Acq: 31 Jan 2022 11:41

Tgt Ion:152 Resp: 232757
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 158.2 0.0 348.6

