

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071896.D
 Acq On : 04 Feb 2022 14:01
 Operator : VA/SY
 Sample : VD0204SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBL01

Quant Time: Feb 07 04:18:04 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	373378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	660856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	606997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	262451	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	240517	50.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.920%
35) Dibromofluoromethane	7.908	113	216388	49.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.332	98	762239	46.984	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.960%
62) 4-Bromofluorobenzene	12.626	95	243168	42.922	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.840%

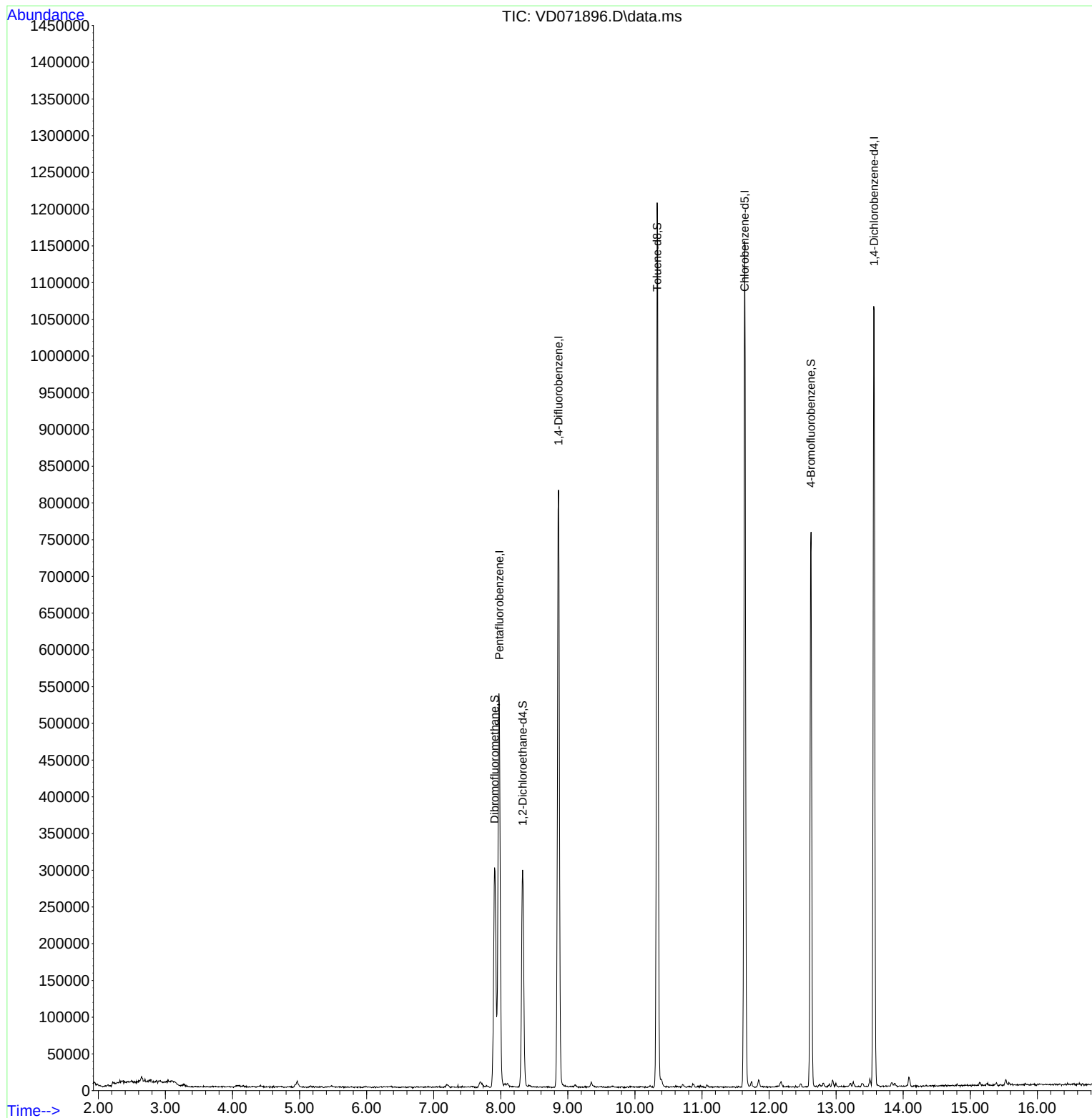
Target Compounds	Qvalue

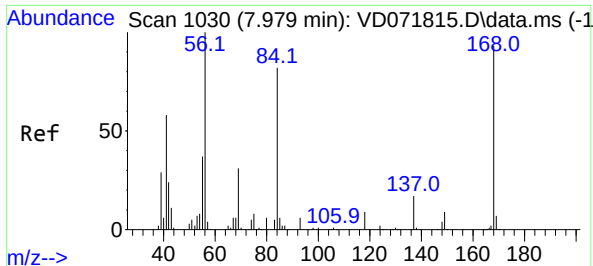
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071896.D

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Instrument :

MSVOA_D

ClientSampleId :

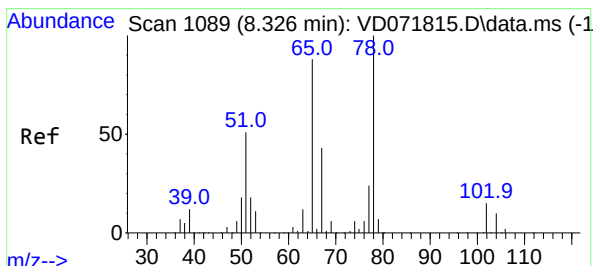
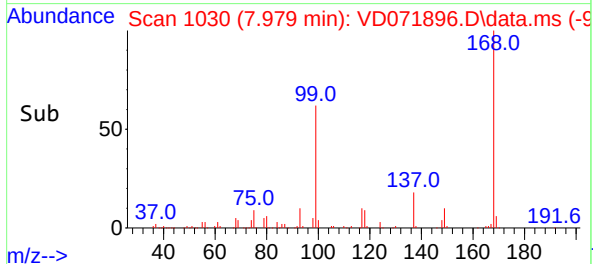
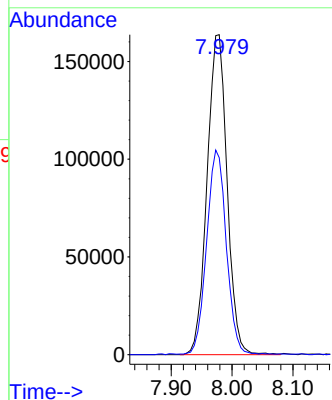
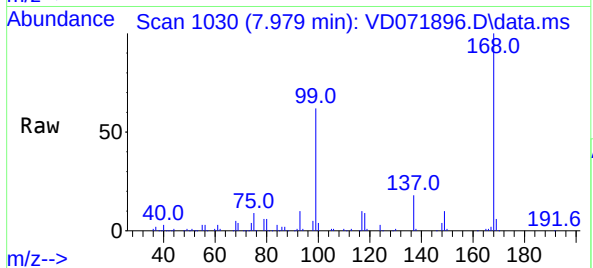
VD0204SBL01

Tgt Ion:168 Resp: 373378

Ion Ratio Lower Upper

168 100

99 61.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 50.964 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071896.D

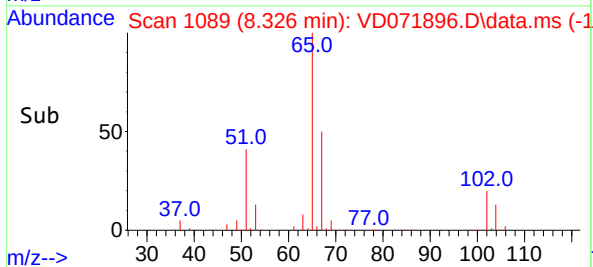
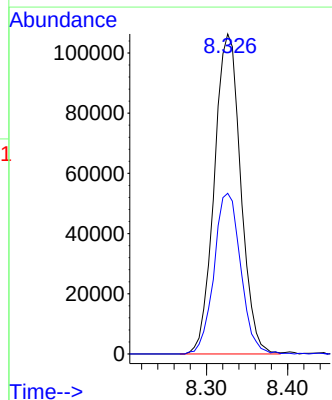
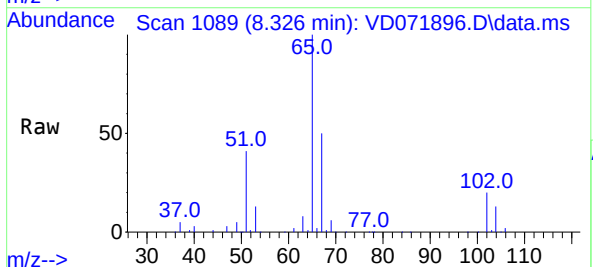
Acq: 04 Feb 2022 14:01

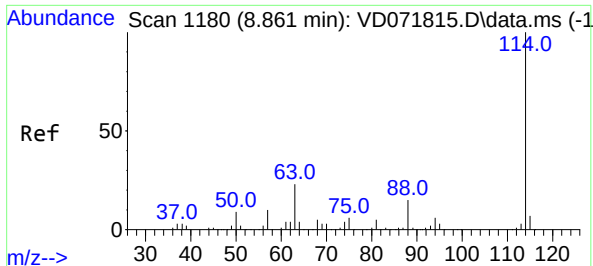
Tgt Ion: 65 Resp: 240517

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.4

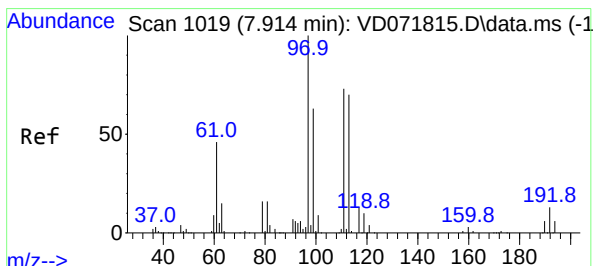
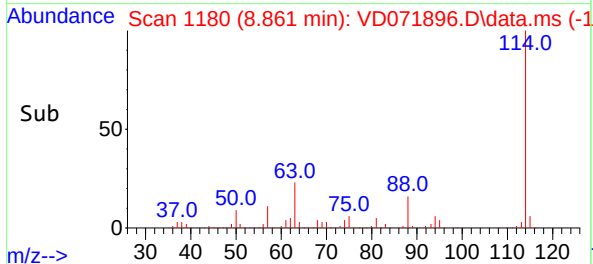
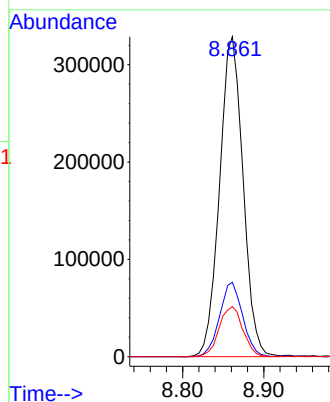
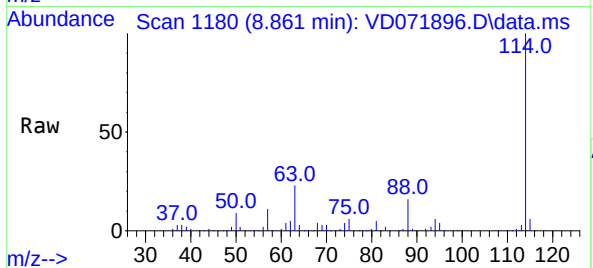




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071896.D
Acq: 04 Feb 2022 14:01

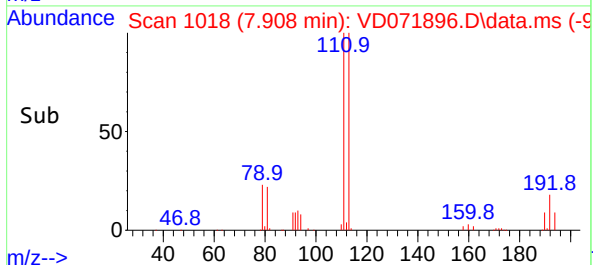
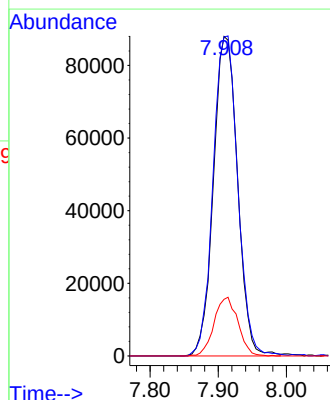
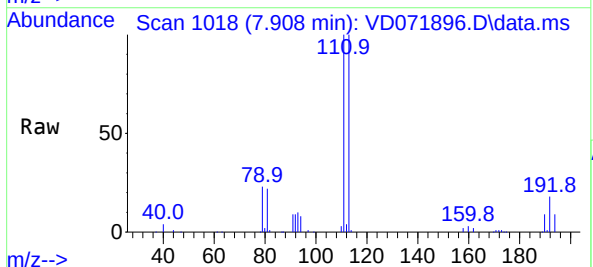
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBL01

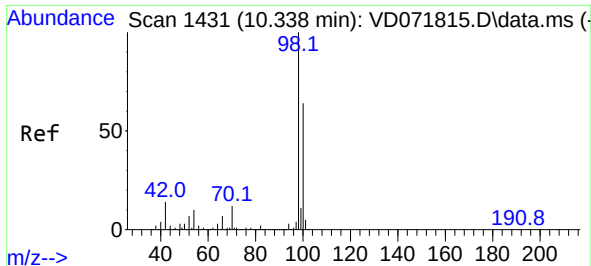
Tgt Ion:114 Resp: 660856
Ion Ratio Lower Upper
114 100
63 23.3 0.0 46.6
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.813 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071896.D
Acq: 04 Feb 2022 14:01

Tgt Ion:113 Resp: 216388
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 18.2 14.6 21.8

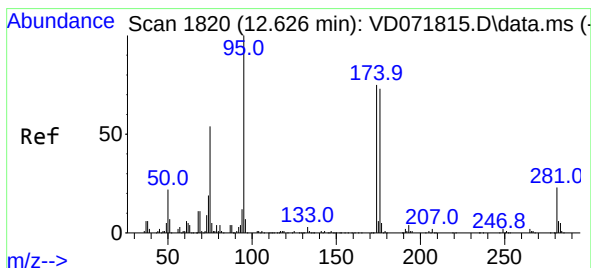
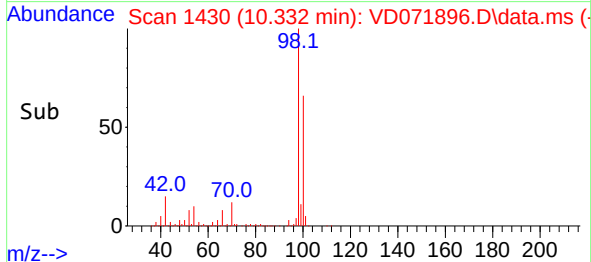
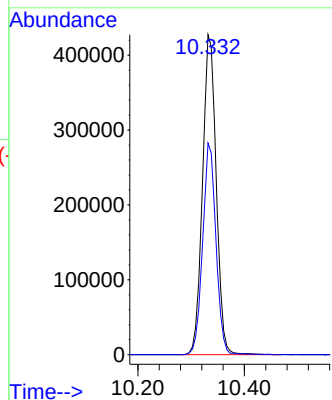
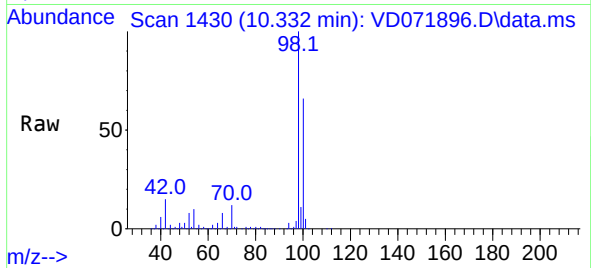




#50
Toluene-d8
Concen: 46.984 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071896.D
Acq: 04 Feb 2022 14:01

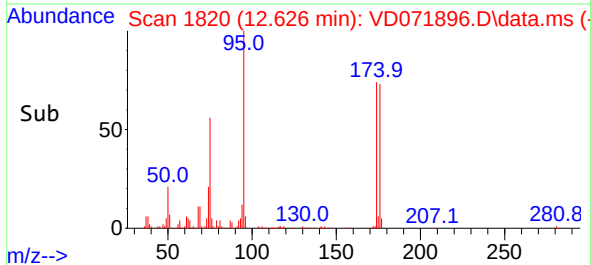
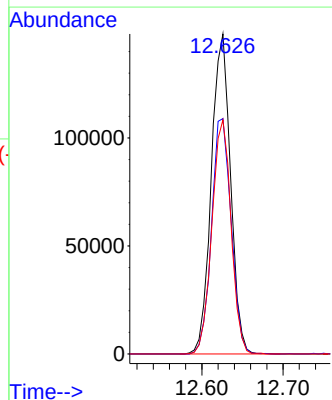
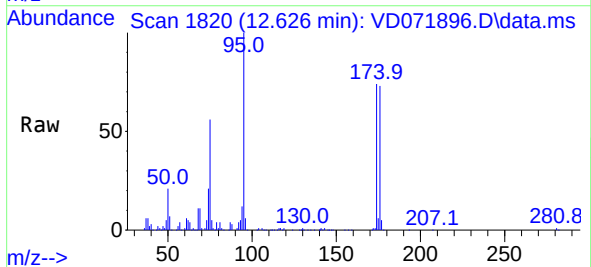
Instrument :
MSVOA_D
ClientSampleId :
VD0204SBL01

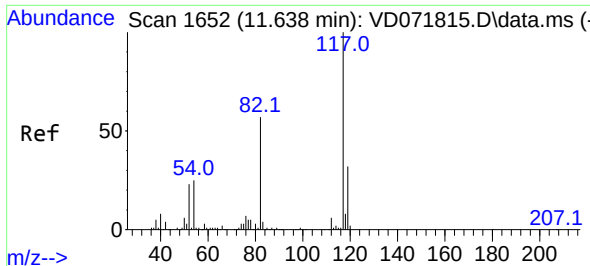
Tgt Ion: 98 Resp: 762239
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.922 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071896.D
Acq: 04 Feb 2022 14:01

Tgt Ion: 95 Resp: 243168
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 72.9 0.0 145.4

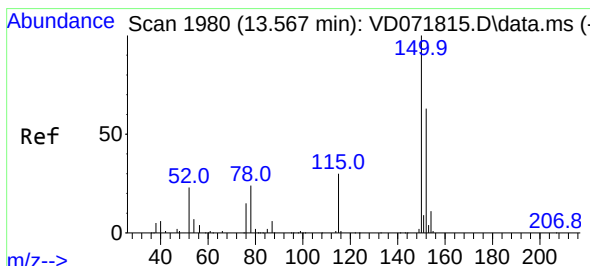
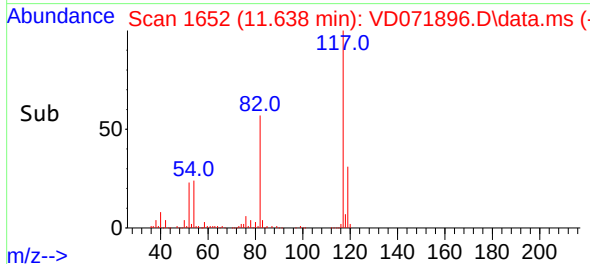
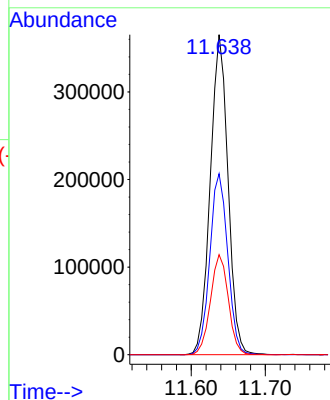
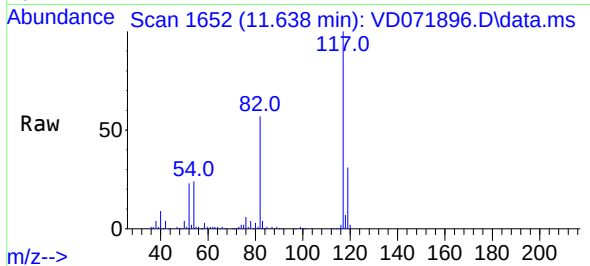




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071896.D
Acq: 04 Feb 2022 14:01

Instrument :
MSVOA_D
ClientSampleId :
VD0204SBL01

Tgt Ion:117 Resp: 606997
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 31.2 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: VD071896.D
Acq: 04 Feb 2022 14:01

Tgt Ion:152 Resp: 262451
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 159.0 0.0 348.6

