

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071702.D
 Acq On : 13 Jan 2022 11:34
 Operator : VA/SY
 Sample : VD0113SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0113SBL01

Quant Time: Jan 13 14:29:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	267872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	467291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	430632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	188086	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	191385	55.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.060%
35) Dibromofluoromethane	7.914	113	163857	53.059	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.120%
50) Toluene-d8	10.332	98	590343	51.067	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.140%
62) 4-Bromofluorobenzene	12.620	95	195304	47.945	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.880%

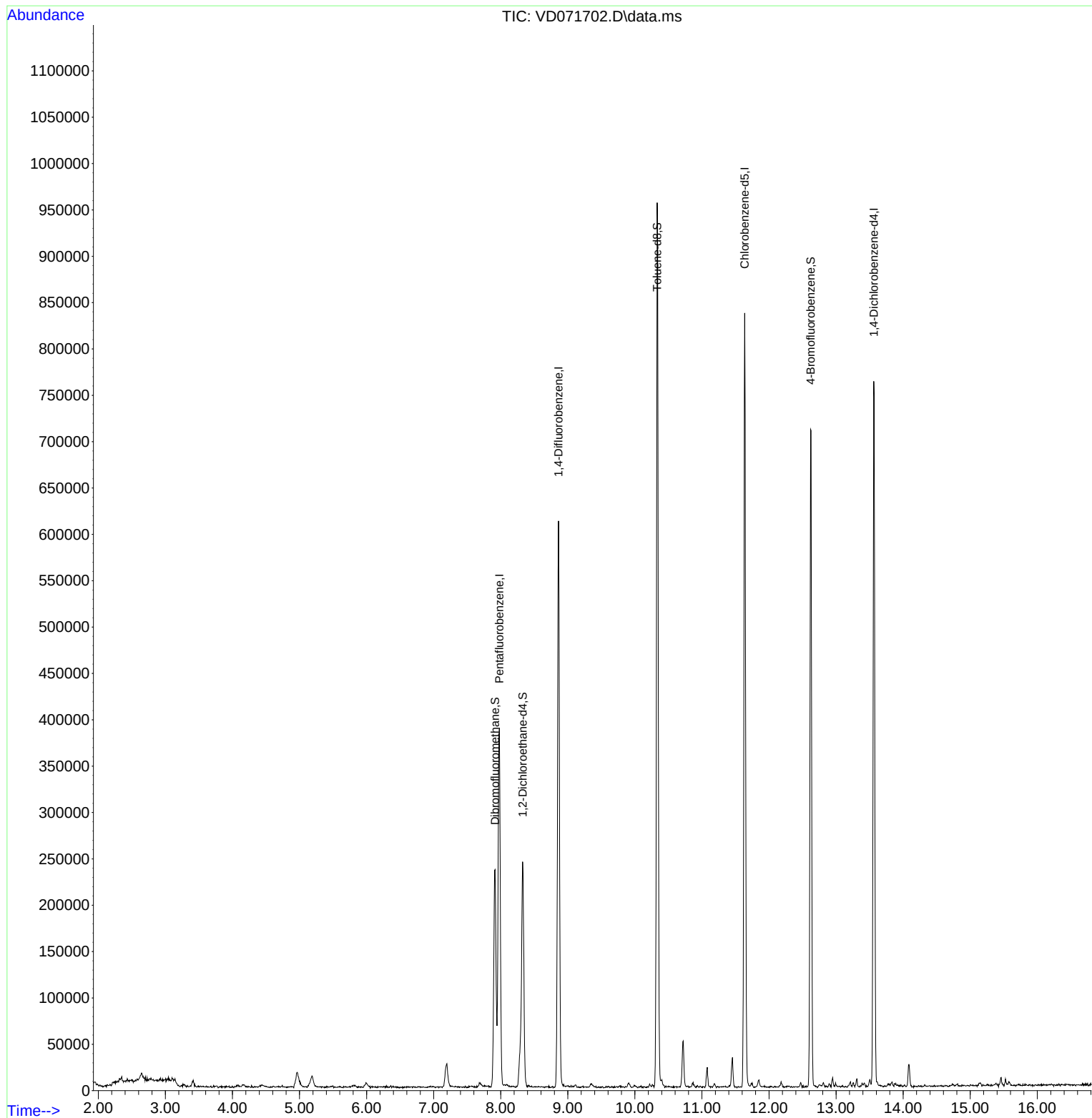
Target Compounds	Qvalue

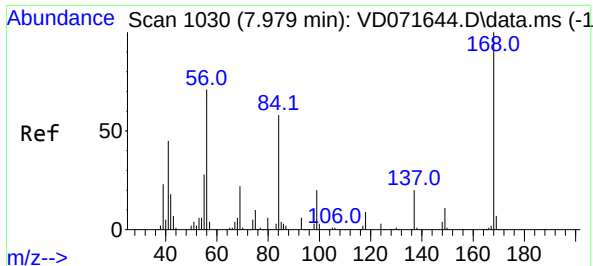
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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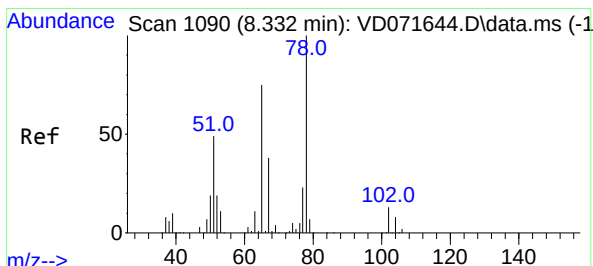
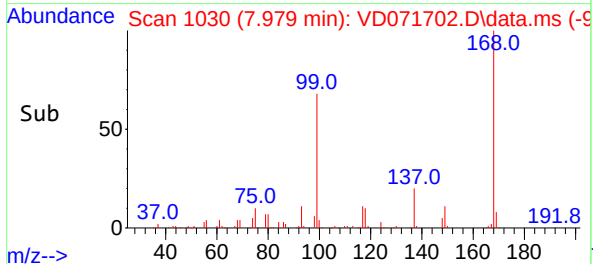
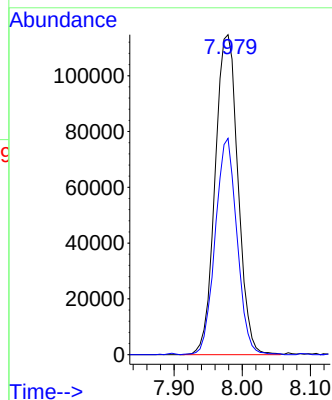
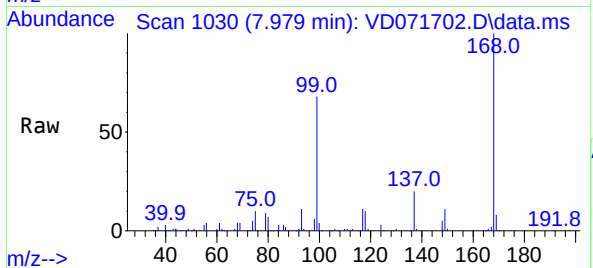




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071702.D
Acq: 13 Jan 2022 11:34

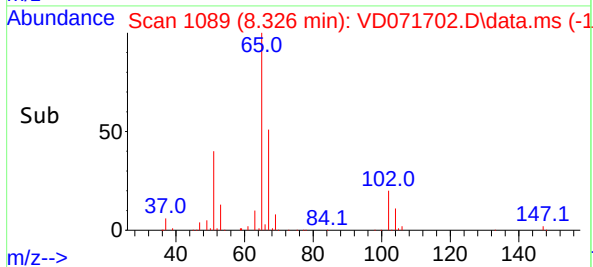
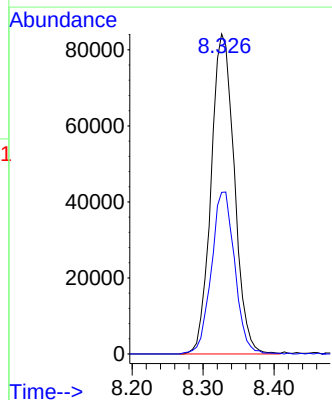
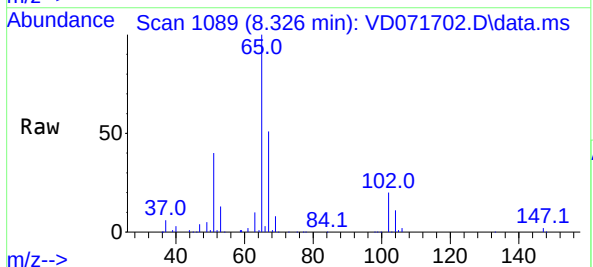
Instrument :
MSVOA_D
ClientSampleId :
VD0113SBL01

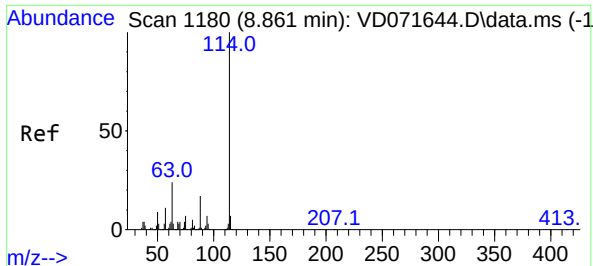
Tgt Ion:168 Resp: 267872
Ion Ratio Lower Upper
168 100
99 67.6 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 55.526 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071702.D
Acq: 13 Jan 2022 11:34

Tgt Ion: 65 Resp: 191385
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071702.D

Acq: 13 Jan 2022 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0113SBL01

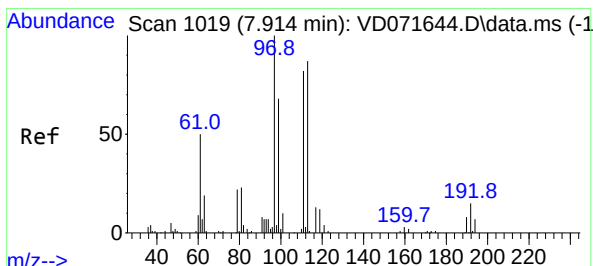
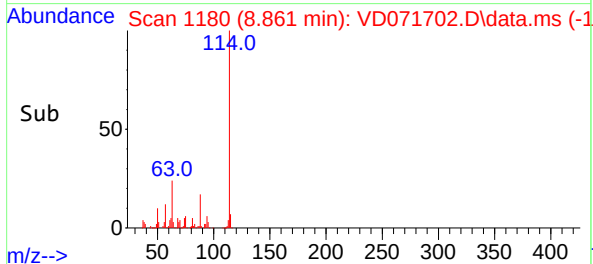
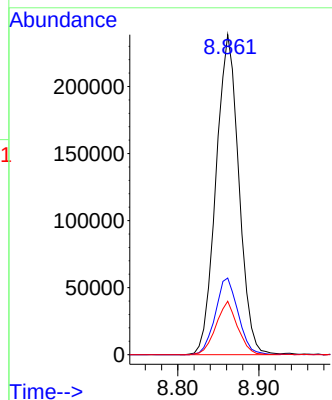
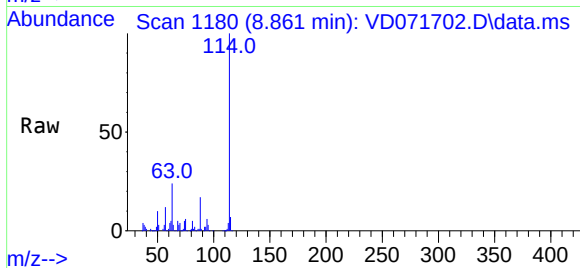
Tgt Ion:114 Resp: 467291

Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.2

88 16.7 0.0 32.0



#35

Dibromofluoromethane

Concen: 53.059 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071702.D

Acq: 13 Jan 2022 11:34

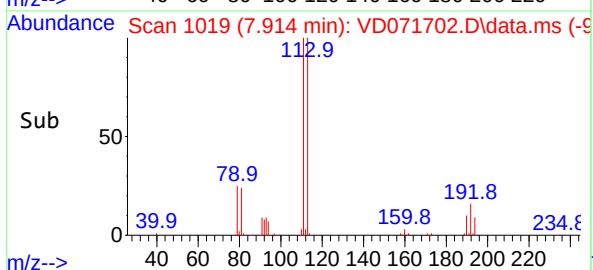
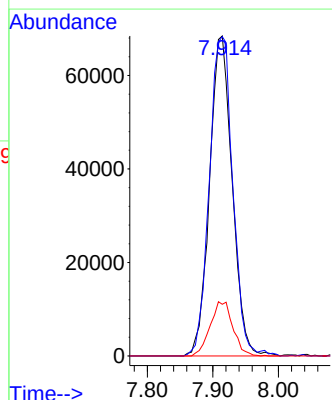
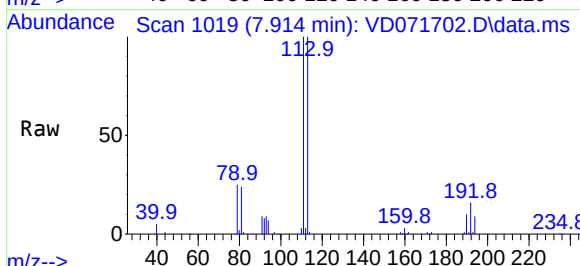
Tgt Ion:113 Resp: 163857

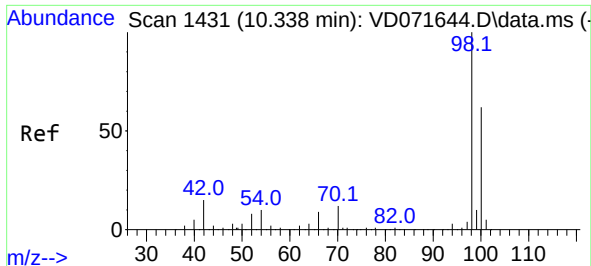
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 17.1 14.2 21.2

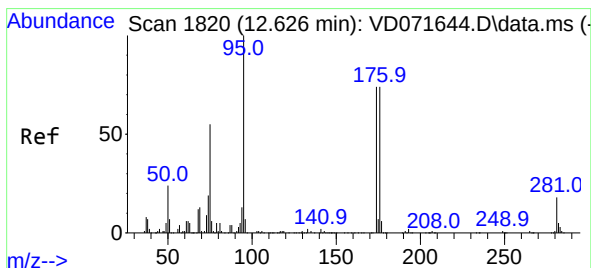
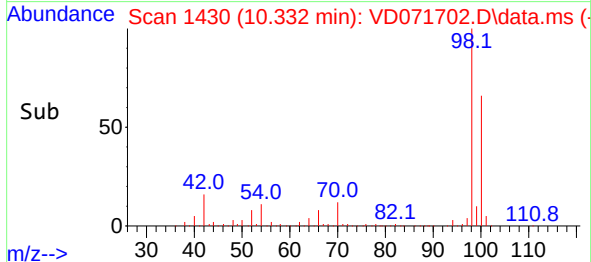
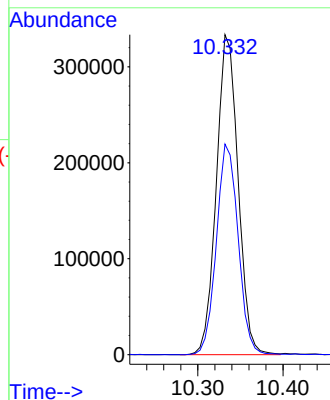
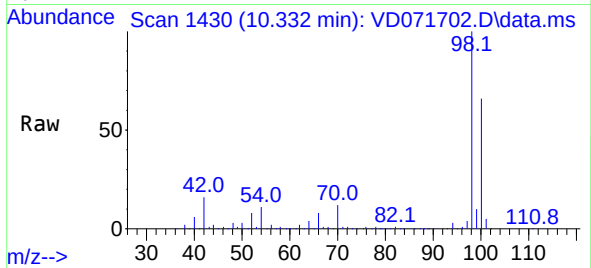




#50
Toluene-d8
Concen: 51.067 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071702.D
Acq: 13 Jan 2022 11:34

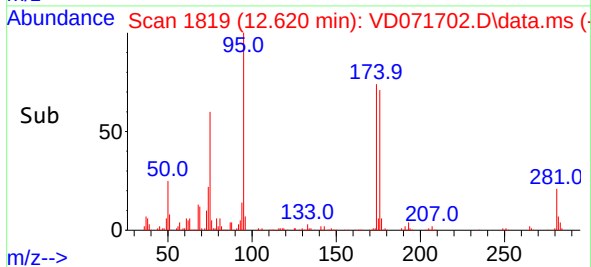
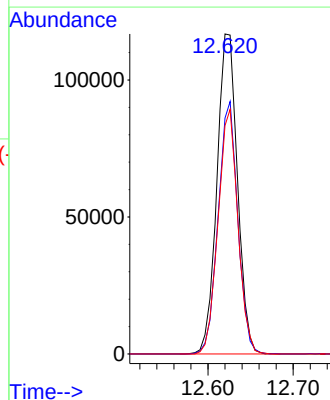
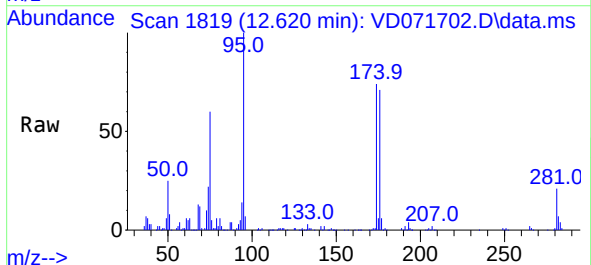
Instrument :
MSVOA_D
ClientSampleId :
VD0113SBL01

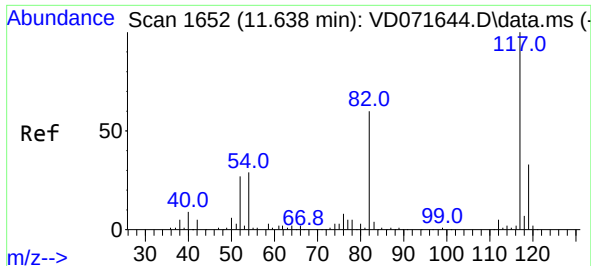
Tgt Ion: 98 Resp: 590343
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.945 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071702.D
Acq: 13 Jan 2022 11:34

Tgt Ion: 95 Resp: 195304
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.0
176 73.6 0.0 146.4

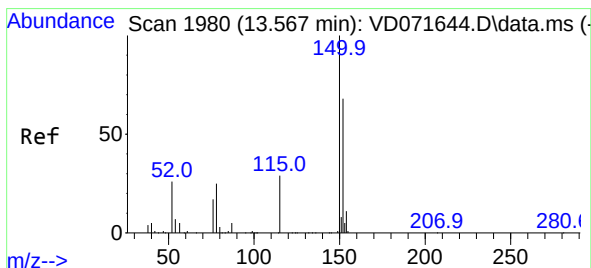
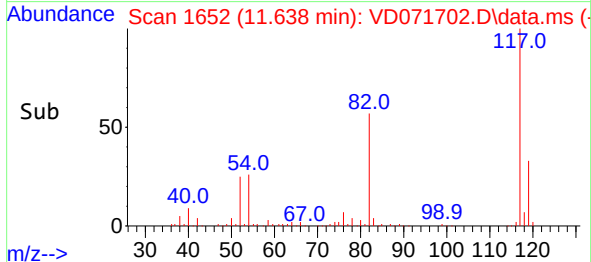
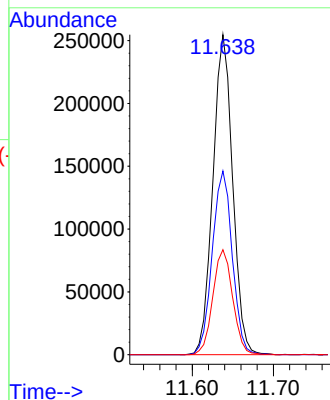
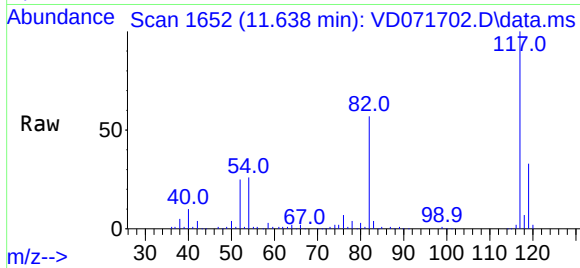




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VD071702.D
Acq: 13 Jan 2022 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0113SBL01

Tgt Ion:117 Resp: 430632
Ion Ratio Lower Upper
117 100
82 57.4 46.9 70.3
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071702.D
Acq: 13 Jan 2022 11:34

Tgt Ion:152 Resp: 188086
Ion Ratio Lower Upper
152 100
115 62.3 31.5 94.5
150 156.3 0.0 348.0

