

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071812.D
 Acq On : 27 Jan 2022 20:05
 Operator : VA/SY
 Sample : N1319-10
 Misc : 10.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-2D

Quant Time: Jan 28 07:23:36 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	420939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	830131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	768035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	333416	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	294294	55.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.620%
35) Dibromofluoromethane	7.914	113	276105	50.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.200%
50) Toluene-d8	10.338	98	1060220	52.025	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.060%
62) 4-Bromofluorobenzene	12.626	95	354278	49.782	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.560%

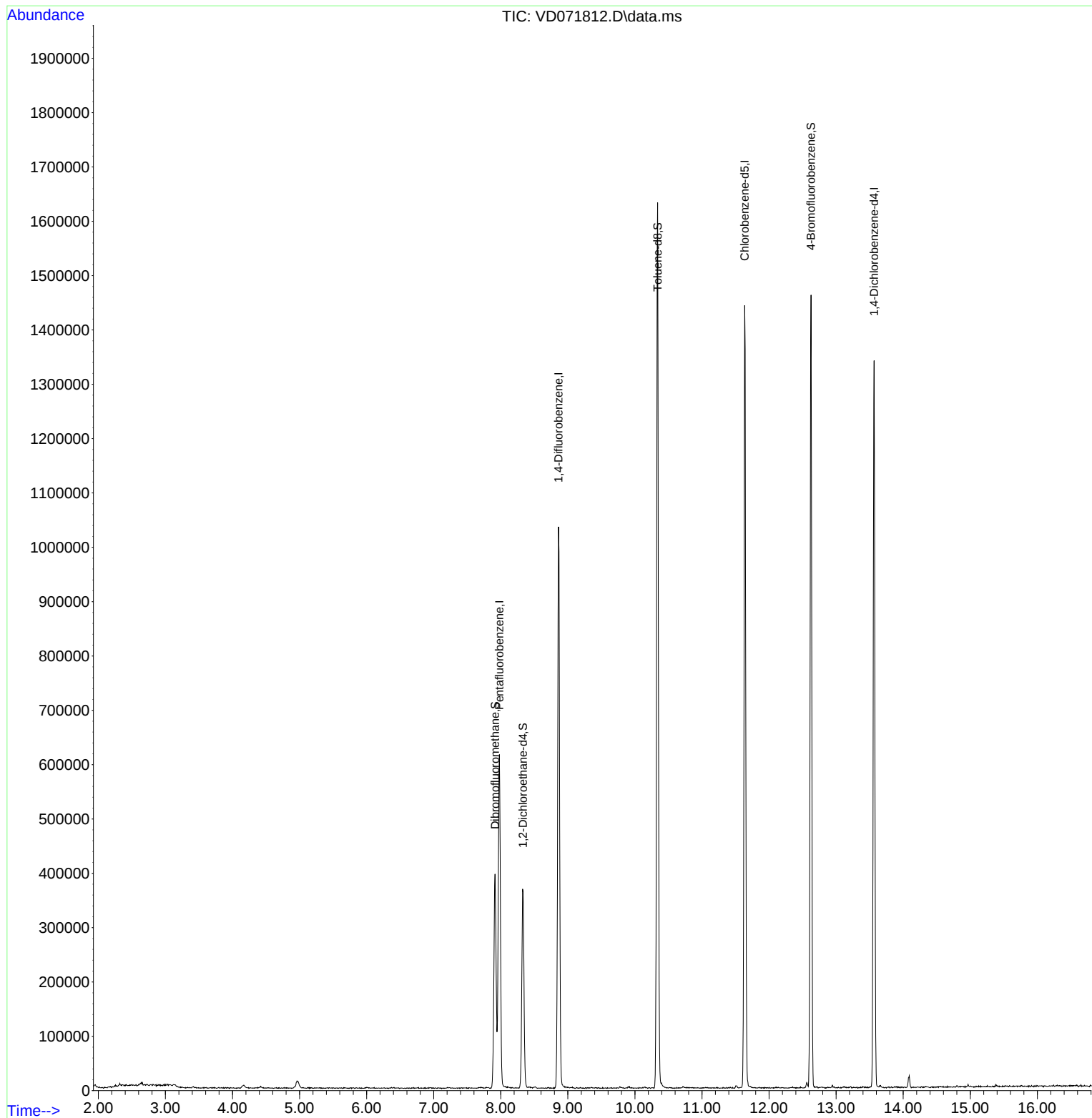
Target Compounds	Qvalue

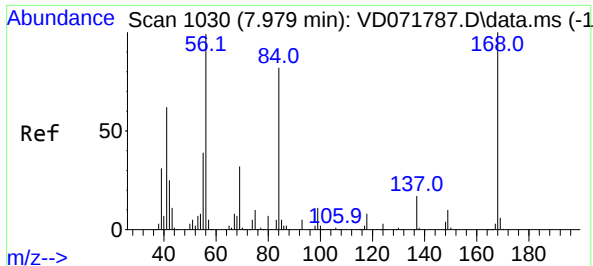
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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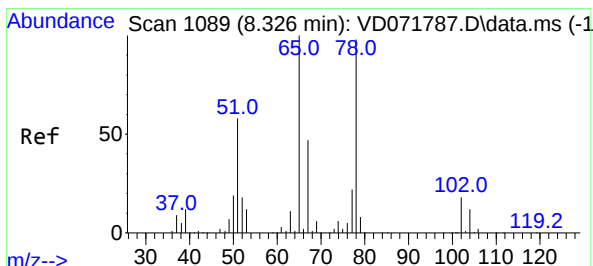
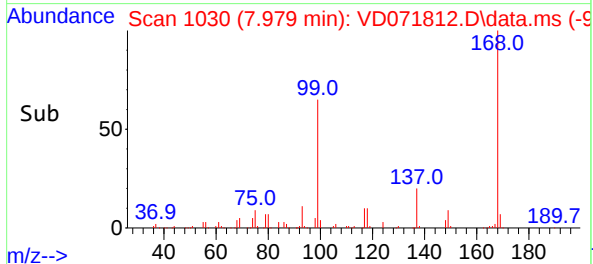
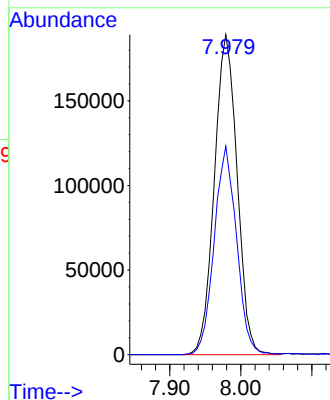
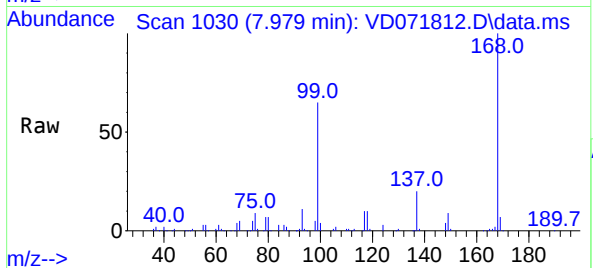




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD071812.D
Acq: 27 Jan 2022 20:05

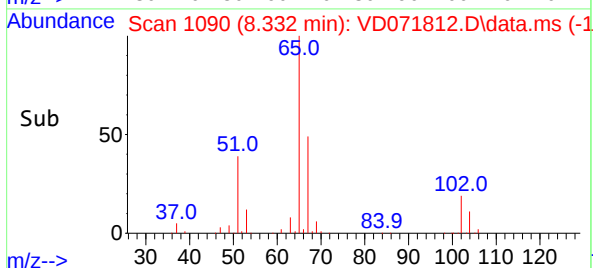
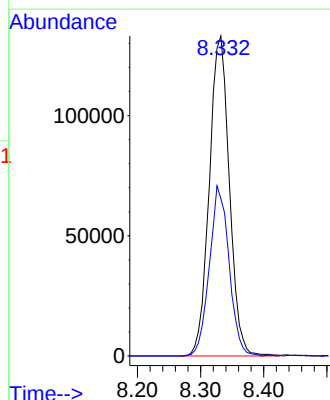
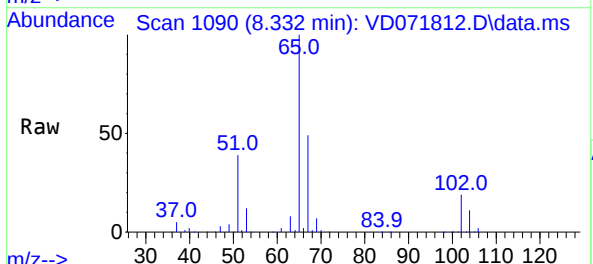
Instrument :
MSVOA_D
ClientSampleId :
MH-2D

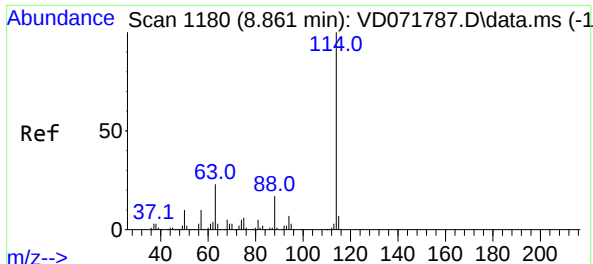
Tgt Ion:168 Resp: 420939
Ion Ratio Lower Upper
168 100
99 65.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 55.314 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071812.D
Acq: 27 Jan 2022 20:05

Tgt Ion: 65 Resp: 294294
Ion Ratio Lower Upper
65 100
67 51.9 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: VD071812.D

Acq: 27 Jan 2022 20:05

Instrument :

MSVOA_D

ClientSampleId :

MH-2D

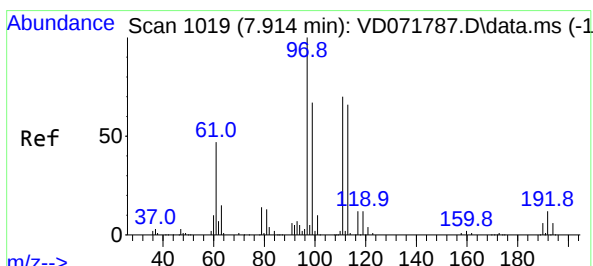
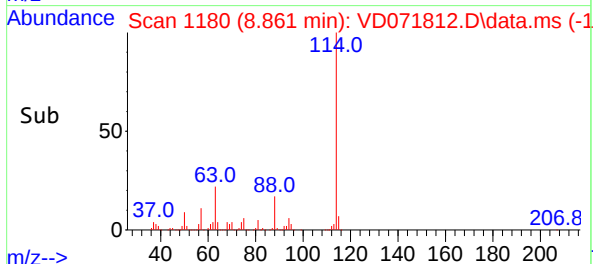
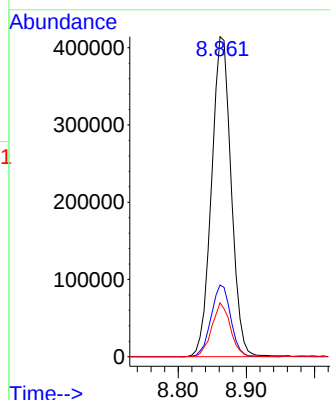
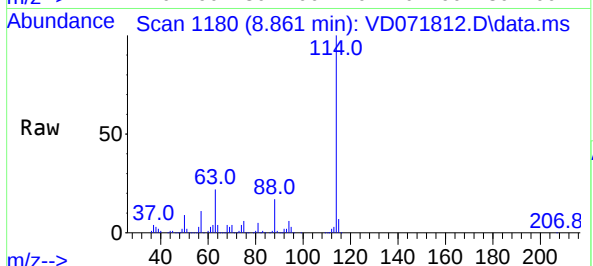
Tgt Ion:114 Resp: 830131

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.6

88 16.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.599 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071812.D

Acq: 27 Jan 2022 20:05

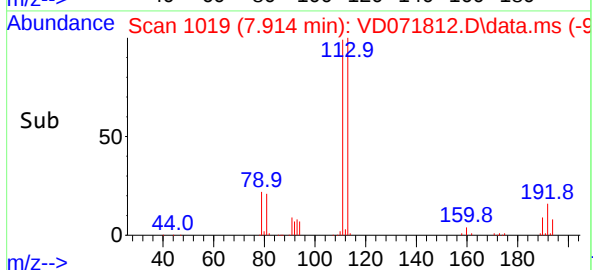
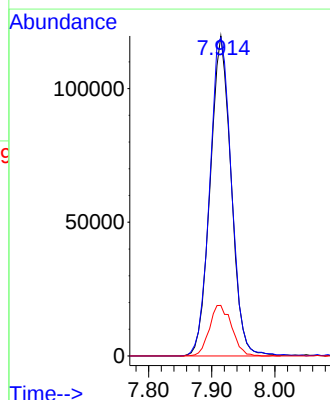
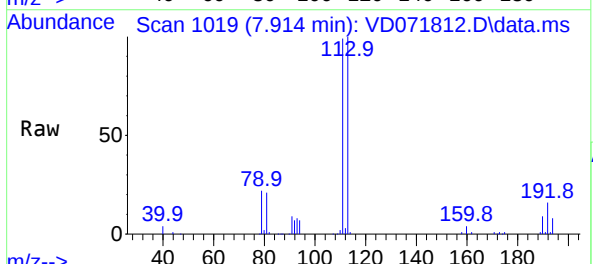
Tgt Ion:113 Resp: 276105

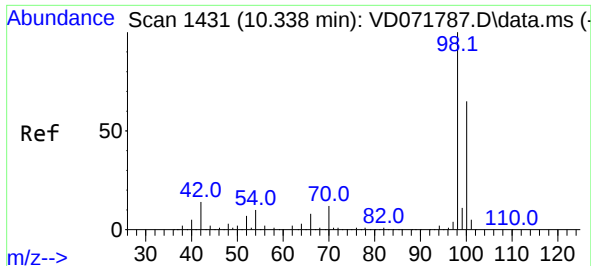
Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 16.9 14.6 21.8

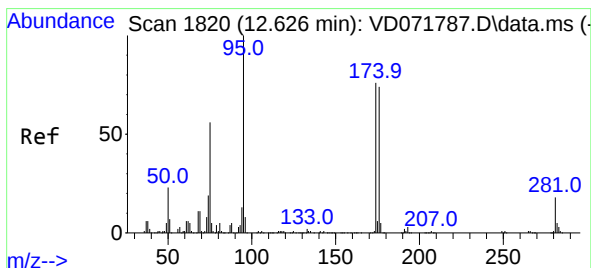
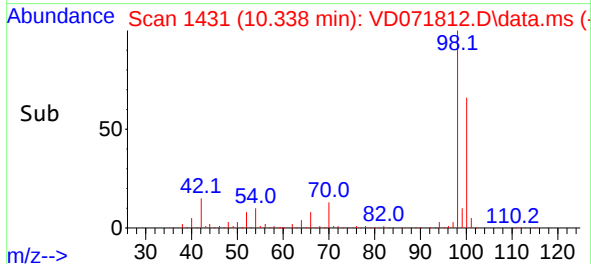
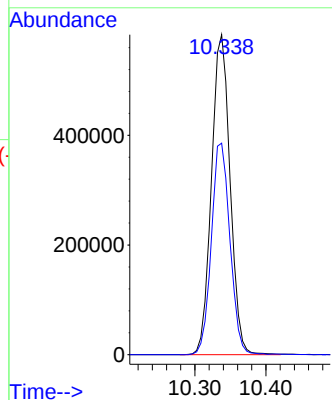
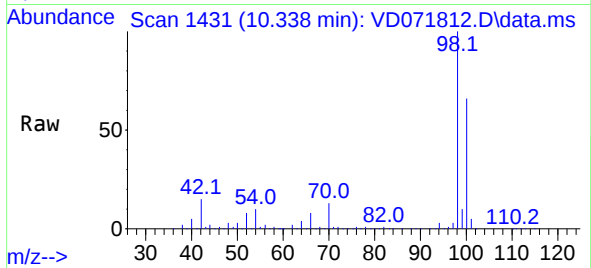




#50
Toluene-d8
Concen: 52.025 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071812.D
Acq: 27 Jan 2022 20:05

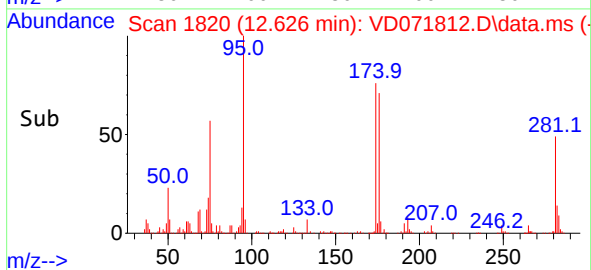
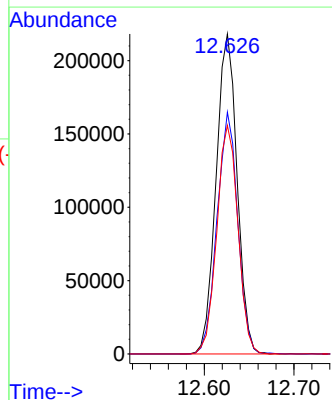
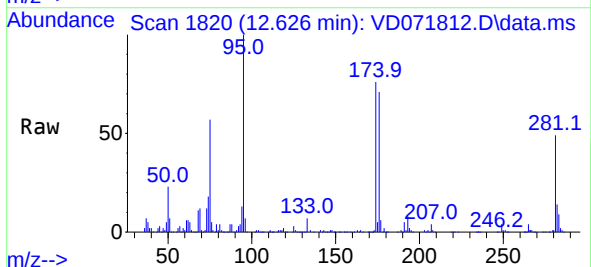
Instrument :
MSVOA_D
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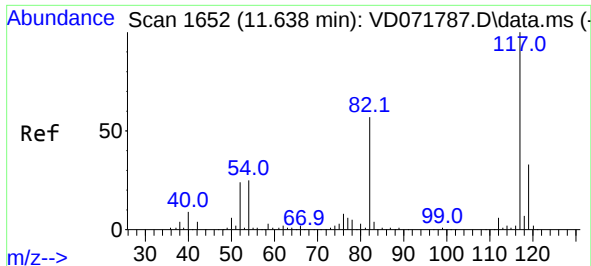
Tgt Ion: 98 Resp: 1060220
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.782 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071812.D
Acq: 27 Jan 2022 20:05

Tgt Ion: 95 Resp: 354278
Ion Ratio Lower Upper
95 100
174 74.6 0.0 152.8
176 71.8 0.0 145.4

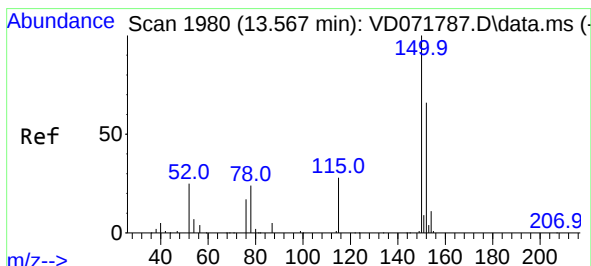
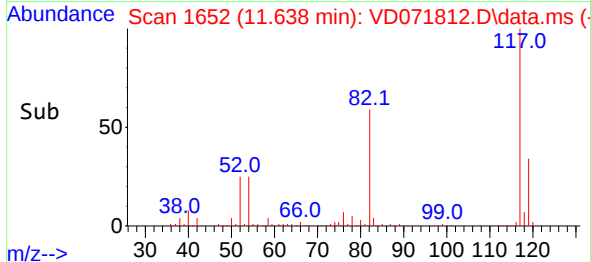
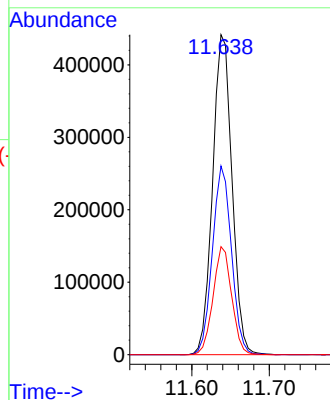
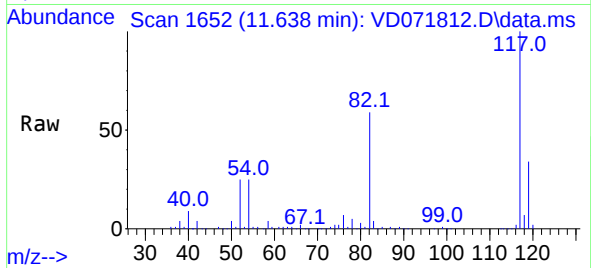




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071812.D
Acq: 27 Jan 2022 20:05

Instrument :
MSVOA_D
ClientSampleId :
MH-2D

Tgt Ion:117 Resp: 768035
Ion Ratio Lower Upper
117 100
82 58.9 45.3 67.9
119 33.8 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: VD071812.D
Acq: 27 Jan 2022 20:05

Tgt Ion:152 Resp: 333416
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 156.4 0.0 348.6

