

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071842.D
 Acq On : 31 Jan 2022 13:48
 Operator : VA/SY
 Sample : N1325-10
 Misc : 4.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TES-4

Quant Time: Jan 31 15:40:56 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	496183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	889171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	791477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	341761	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	293552	46.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.620%
35) Dibromofluoromethane	7.914	113	280162	47.934	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.860%
50) Toluene-d8	10.338	98	1111567	50.923	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.840%
62) 4-Bromofluorobenzene	12.626	95	341160	44.756	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.520%

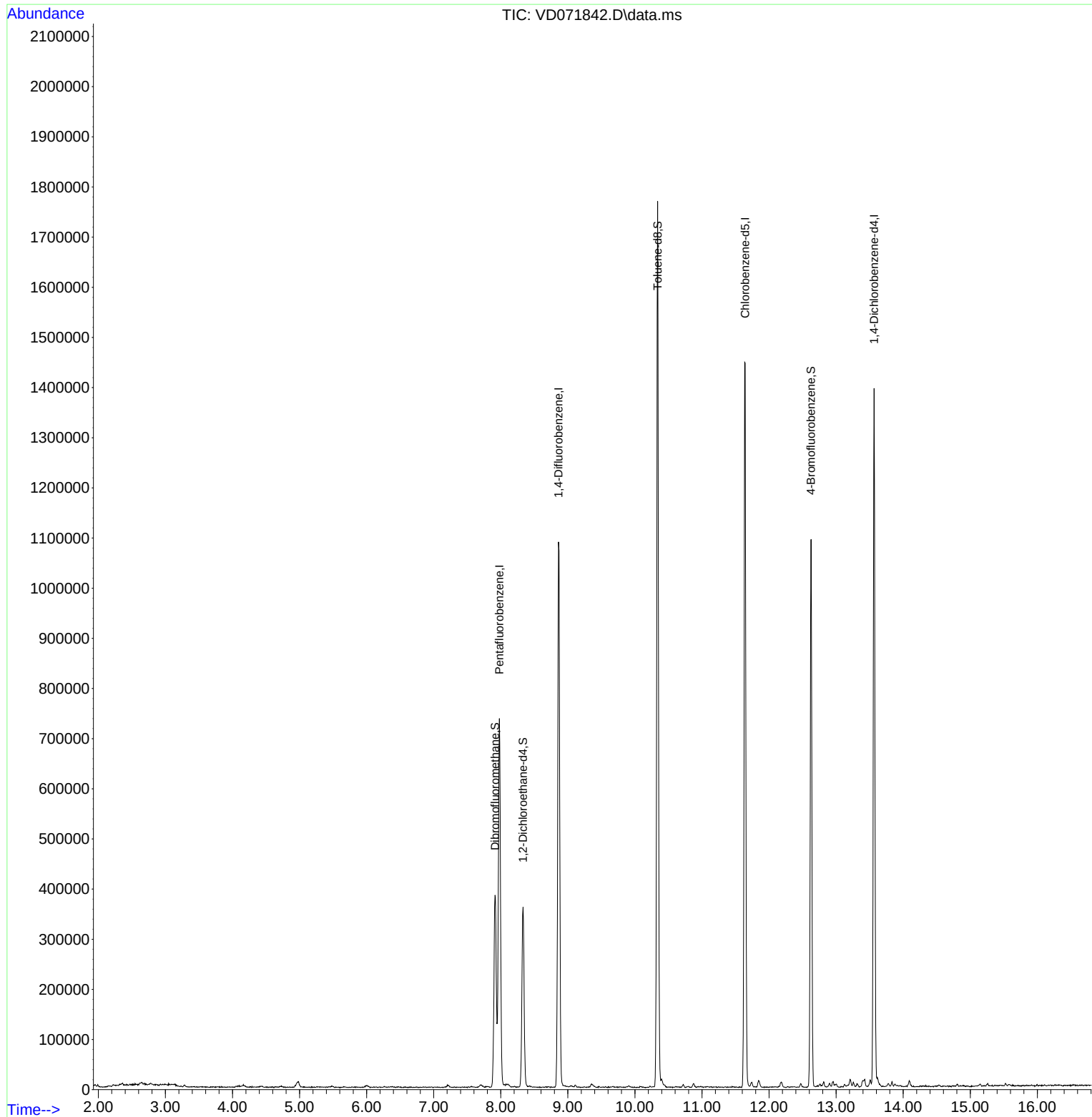
Target Compounds	Qvalue

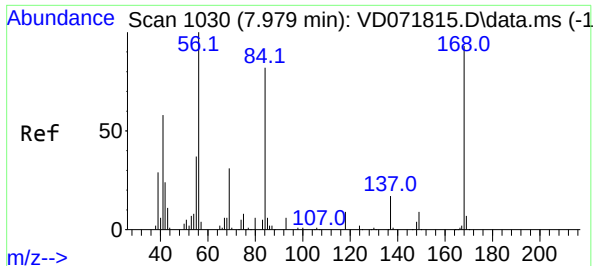
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 10

Delta R.T. -0.000 min

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MSVOA_D

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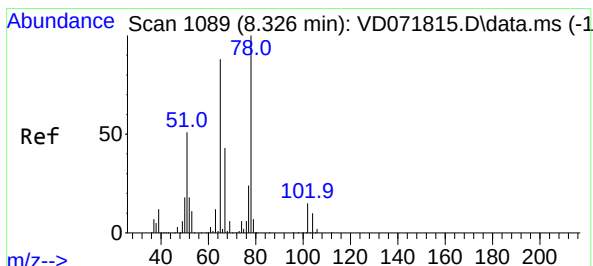
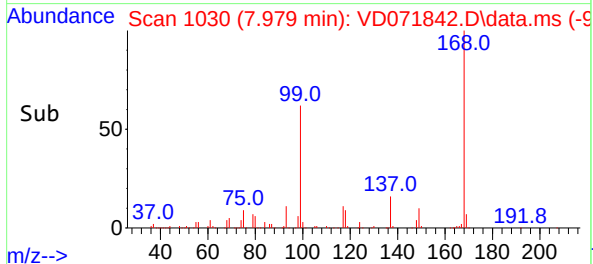
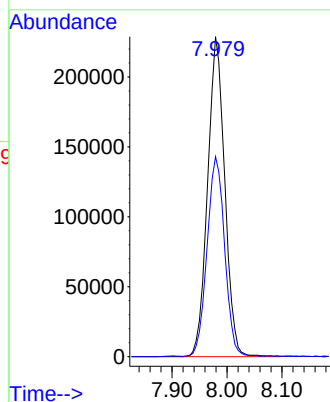
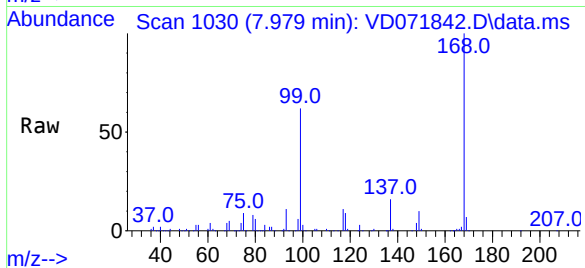
TES-4

Tgt Ion:168 Resp: 496183

Ion Ratio Lower Upper

168 100

99 62.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 46.807 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071842.D

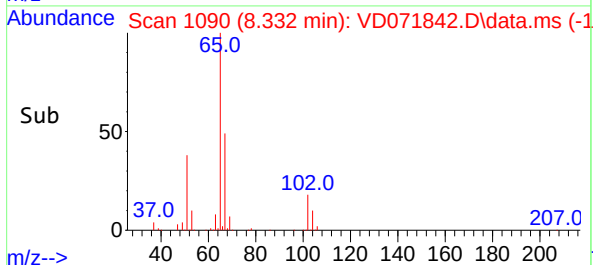
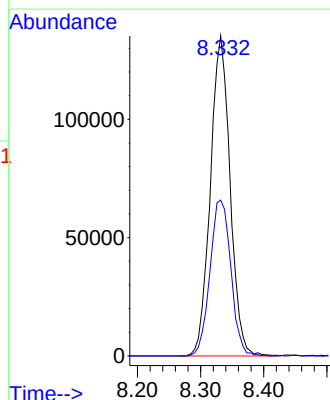
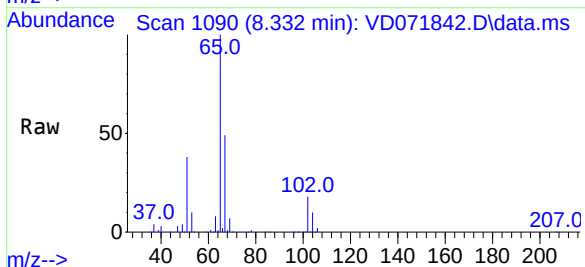
Acq: 31 Jan 2022 13:48

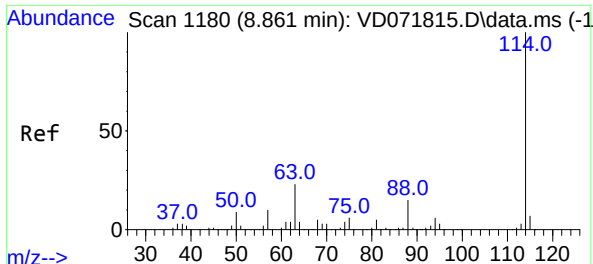
Tgt Ion: 65 Resp: 293552

Ion Ratio Lower Upper

65 100

67 51.5 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: VD071842.D

Acq: 31 Jan 2022 13:48

Instrument :

MSVOA_D

ClientSampleId :

TES-4

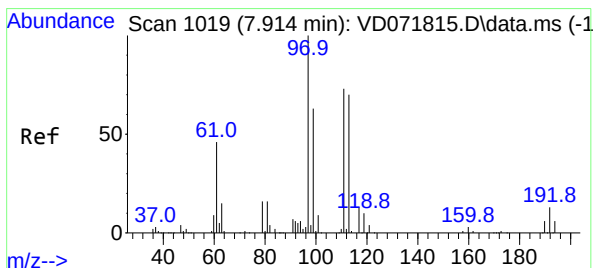
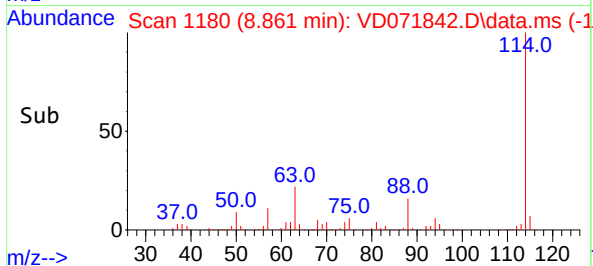
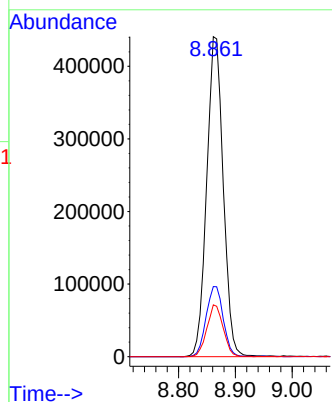
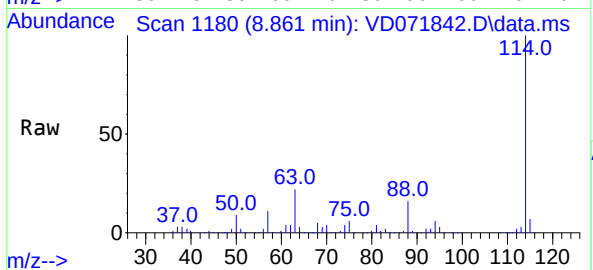
Tgt Ion:114 Resp: 889171

Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.934 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071842.D

Acq: 31 Jan 2022 13:48

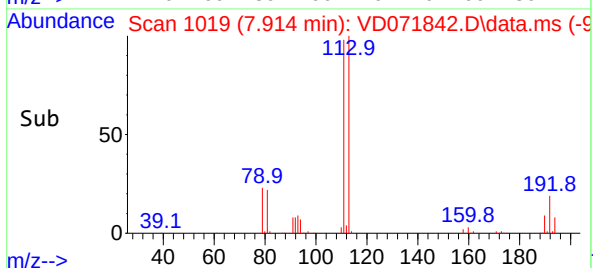
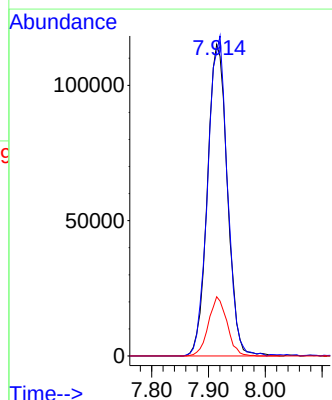
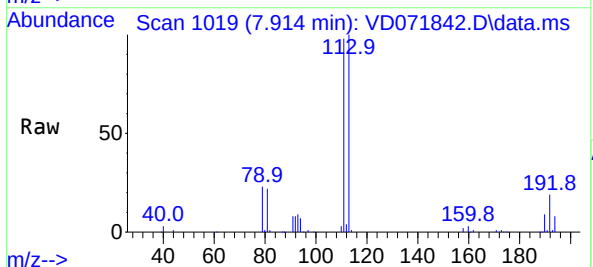
Tgt Ion:113 Resp: 280162

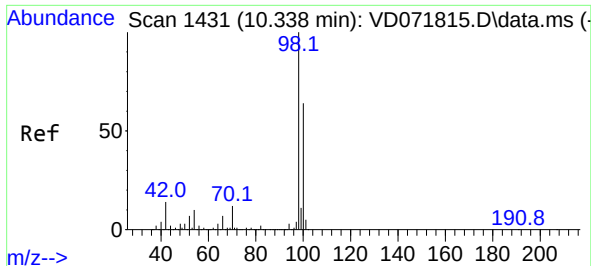
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 17.7 14.6 21.8

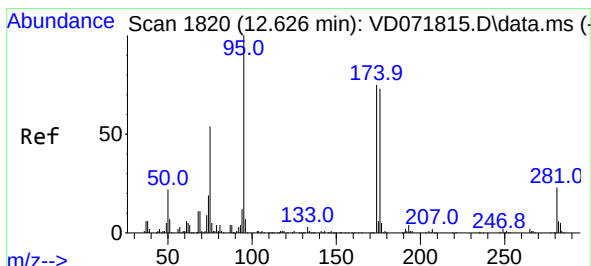
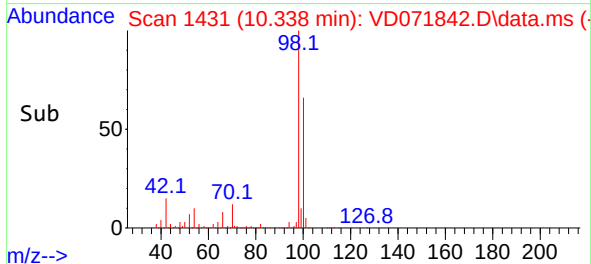
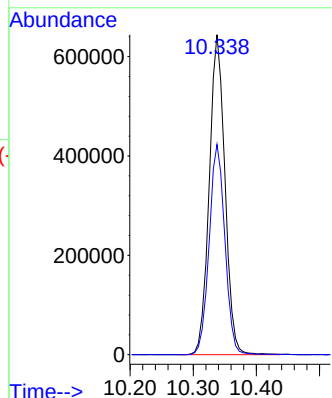
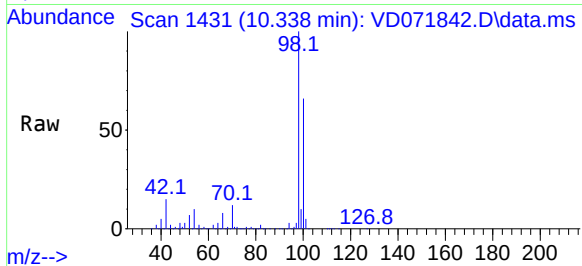




#50
Toluene-d8
Concen: 50.923 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071842.D
Acq: 31 Jan 2022 13:48

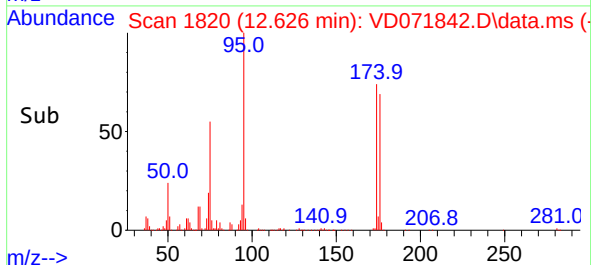
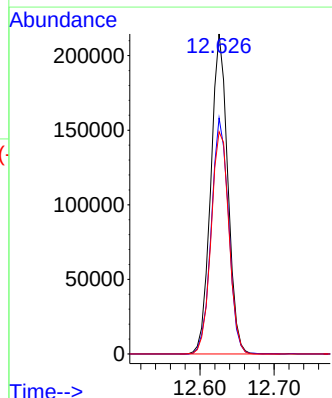
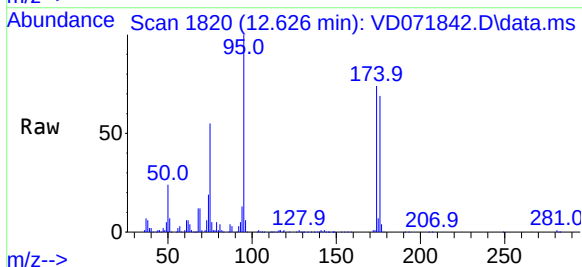
Instrument :
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ClientSampleId :
TES-4

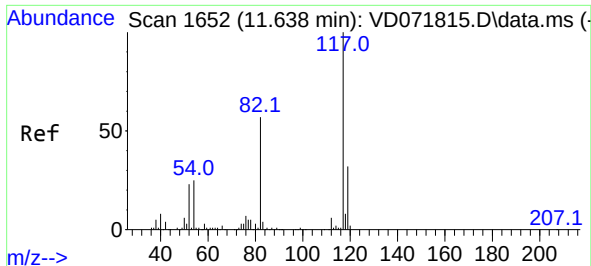
Tgt Ion: 98 Resp: 1111567
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.756 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071842.D
Acq: 31 Jan 2022 13:48

Tgt Ion: 95 Resp: 341160
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 72.9 0.0 145.4

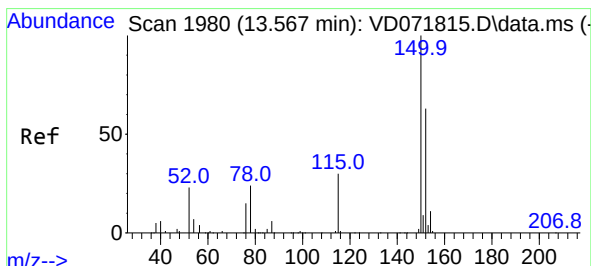
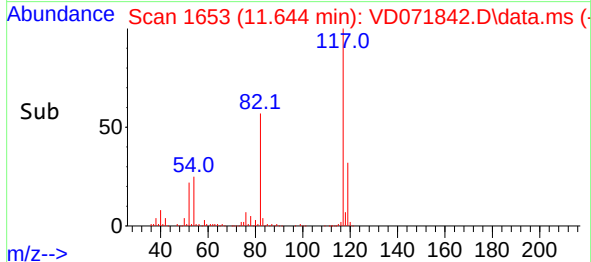
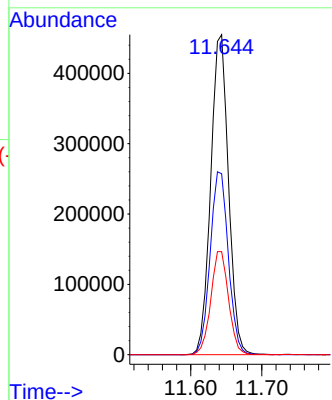
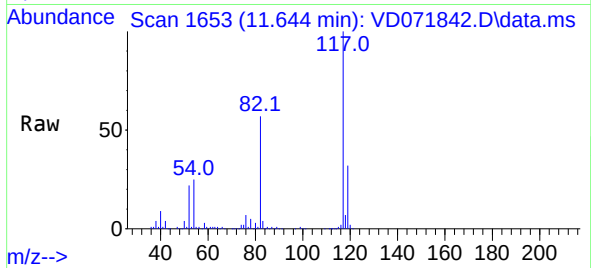




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD071842.D
Acq: 31 Jan 2022 13:48

Instrument :
MSVOA_D
ClientSampleId :
TES-4

Tgt Ion:117 Resp: 791477
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 32.2 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: VD071842.D
Acq: 31 Jan 2022 13:48

Tgt Ion:152 Resp: 341761
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 156.4 0.0 348.6

