

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071682.D
 Acq On : 12 Jan 2022 13:17
 Operator : VA/SY
 Sample : N1107-01RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-03-011122RE

Quant Time: Jan 13 05:28:23 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	20898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	37427	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.638	117	38353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	16369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	24626	91.581	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	183.160%#
35) Dibromofluoromethane	7.920	113	14856	60.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.120%
50) Toluene-d8	10.338	98	46180	49.876	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.626	95	15376	47.128	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.260%

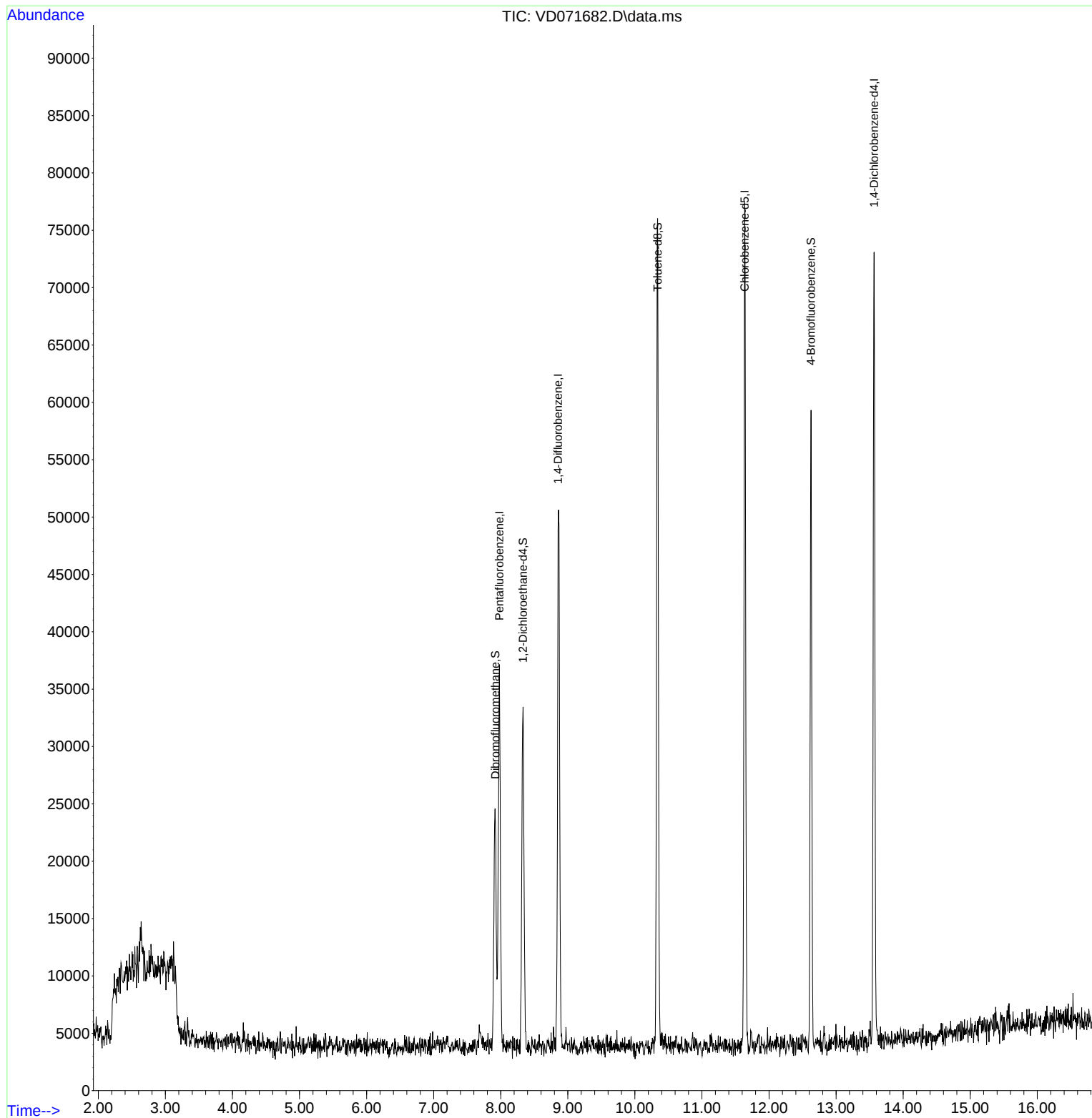
Target Compounds	Qvalue

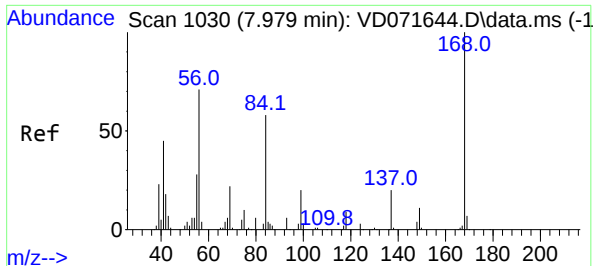
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

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ClientSampleId :

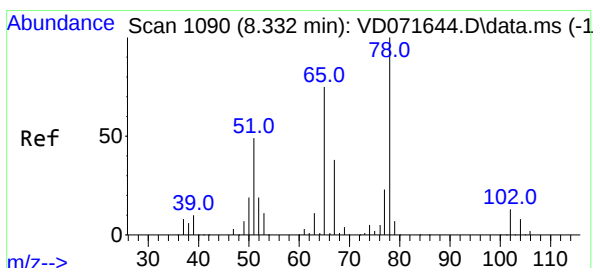
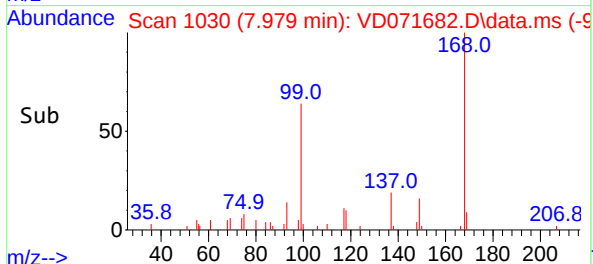
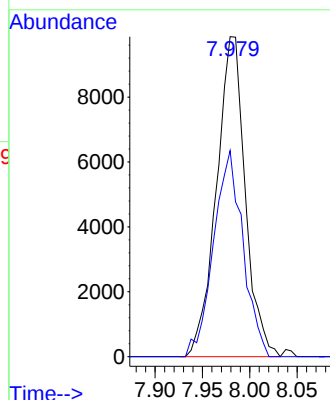
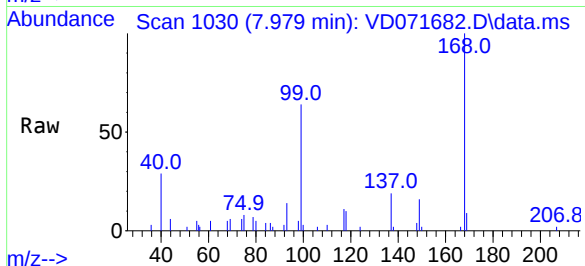
PT-03-011122RE

Tgt Ion:168 Resp: 20898

Ion Ratio Lower Upper

168 100

99 64.4 51.8 77.6



1,2-Dichloroethane-d4

Concen: 91.581 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD071682.D

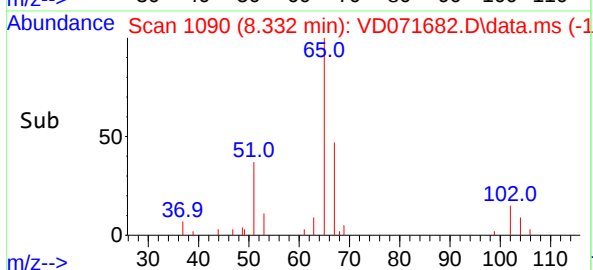
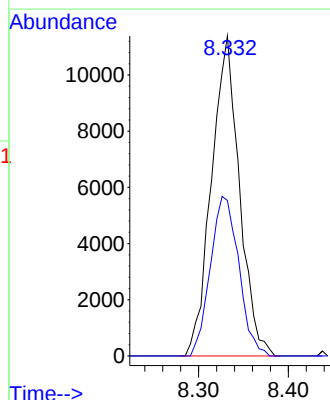
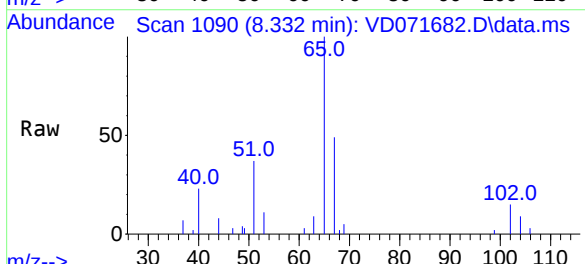
Acq: 12 Jan 2022 13:17

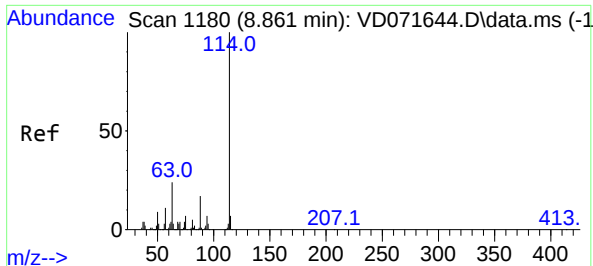
Tgt Ion: 65 Resp: 24626

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 11

Delta R.T. -0.011 min

Lab File: VD071682.D

Acq: 12 Jan 2022 13:17

Instrument :

MSVOA_D

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PT-03-011122RE

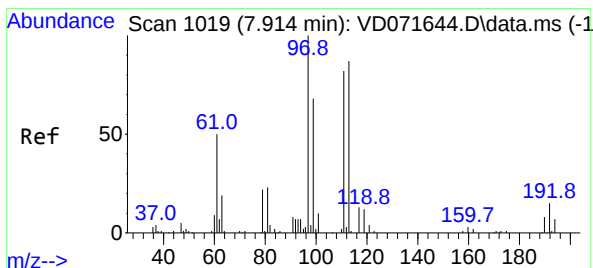
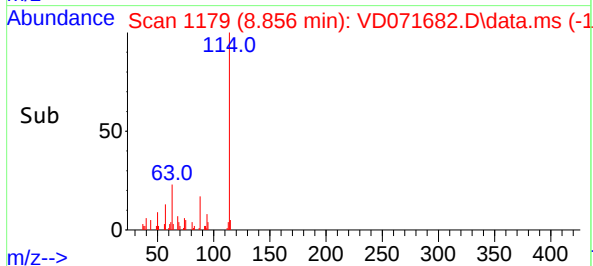
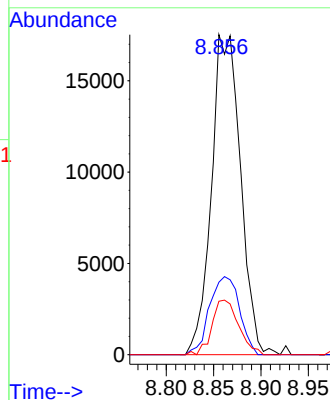
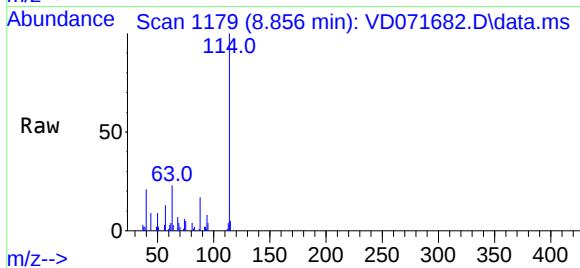
Tgt Ion:114 Resp: 37427

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.2

88 16.7 0.0 32.0



#35

Dibromofluoromethane

Concen: 60.062 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VD071682.D

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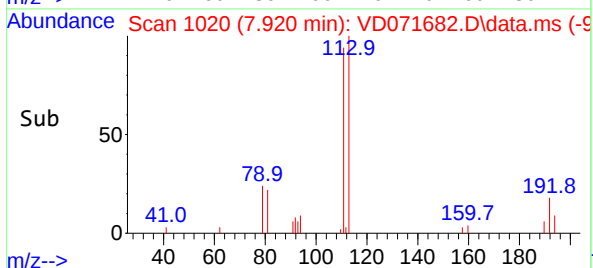
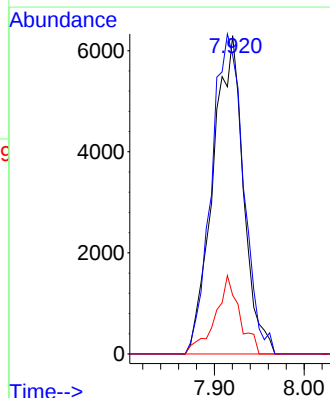
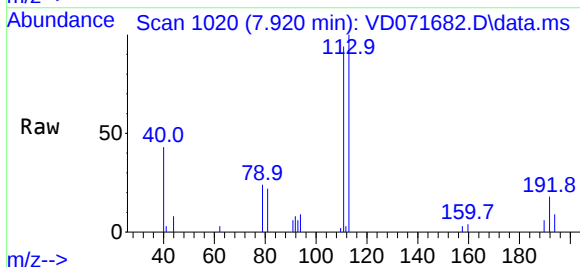
Tgt Ion:113 Resp: 14856

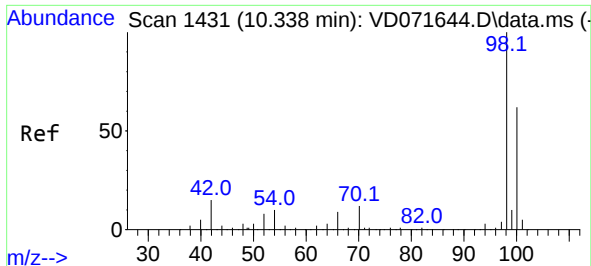
Ion Ratio Lower Upper

113 100

111 105.7 82.2 123.4

192 19.7 14.2 21.2

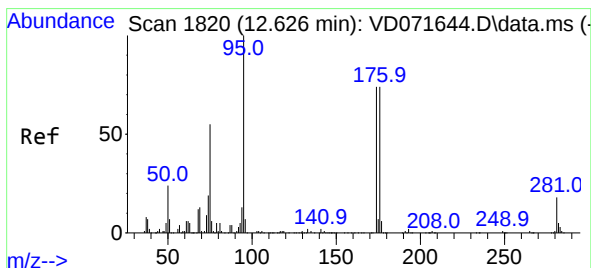
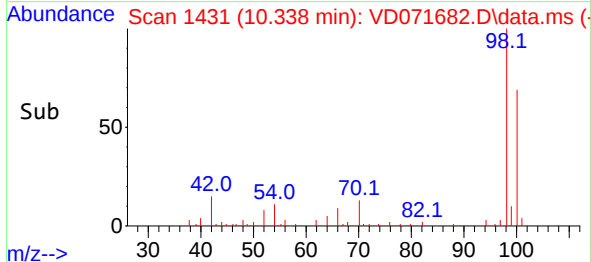
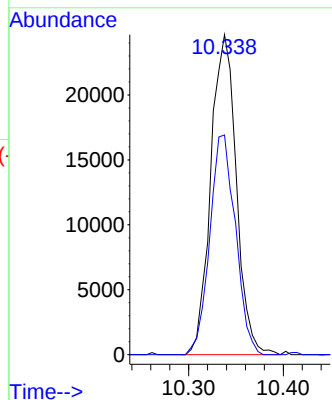
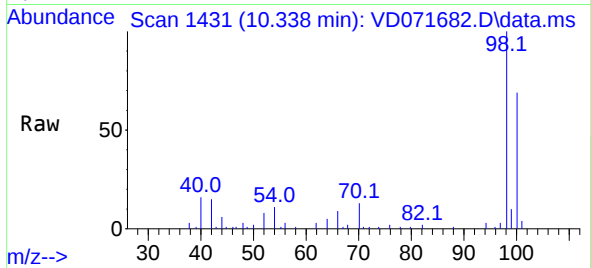




#50
Toluene-d8
Concen: 49.876 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071682.D
Acq: 12 Jan 2022 13:17

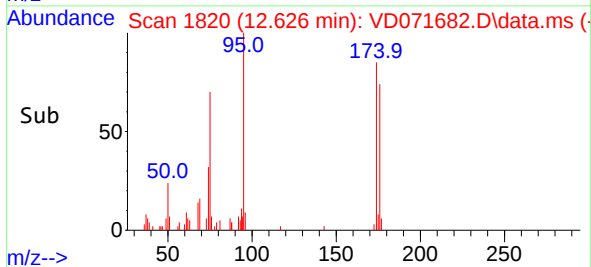
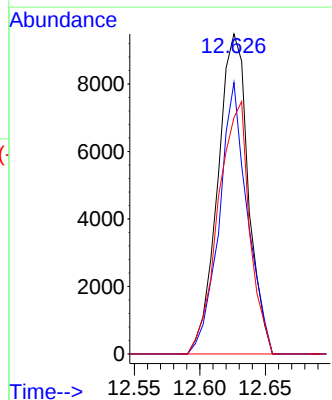
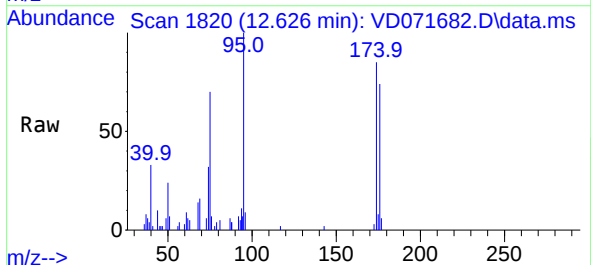
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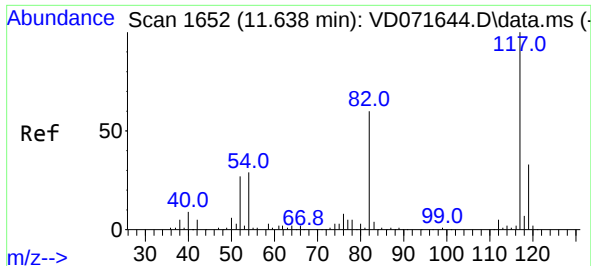
Tgt Ion: 98 Resp: 46180
Ion Ratio Lower Upper
98 100
100 69.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.128 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071682.D
Acq: 12 Jan 2022 13:17

Tgt Ion: 95 Resp: 15376
Ion Ratio Lower Upper
95 100
174 78.1 0.0 150.0
176 80.7 0.0 146.4

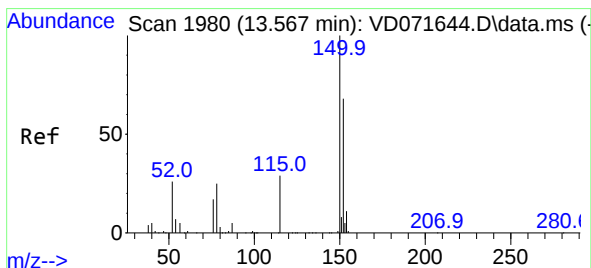
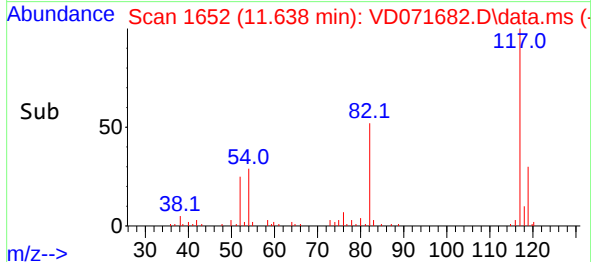
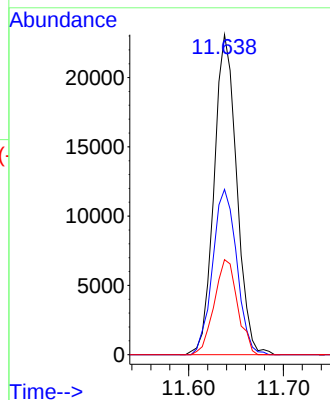
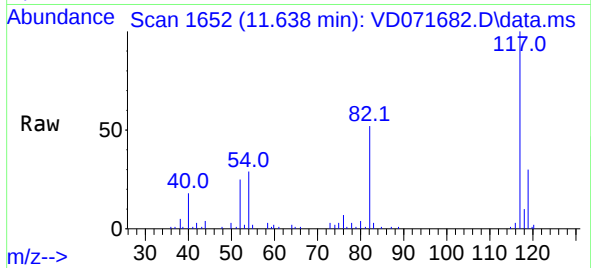




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VD071682.D
Acq: 12 Jan 2022 13:17

Instrument :
MSVOA_D
ClientSampleId :
PT-03-011122RE

Tgt Ion:117	Resp:	38353
Ion	Ratio	Lower Upper
117	100	
82	51.6	46.9 70.3
119	29.7	26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071682.D
Acq: 12 Jan 2022 13:17

Tgt Ion:152	Resp:	16369
Ion	Ratio	Lower Upper
152	100	
115	62.8	31.5 94.5
150	157.3	0.0 348.0

