

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072582.D
 Acq On : 11 Apr 2022 12:33
 Operator : VA/SY
 Sample : N2317-11
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NORTH-4

Quant Time: Apr 12 01:02:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	317693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	582178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	567257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	262045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	225274	58.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.240%
35) Dibromofluoromethane	7.908	113	208148	46.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.020%
50) Toluene-d8	10.332	98	702322	44.657	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.320%
62) 4-Bromofluorobenzene	12.620	95	254215	41.389	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.780%

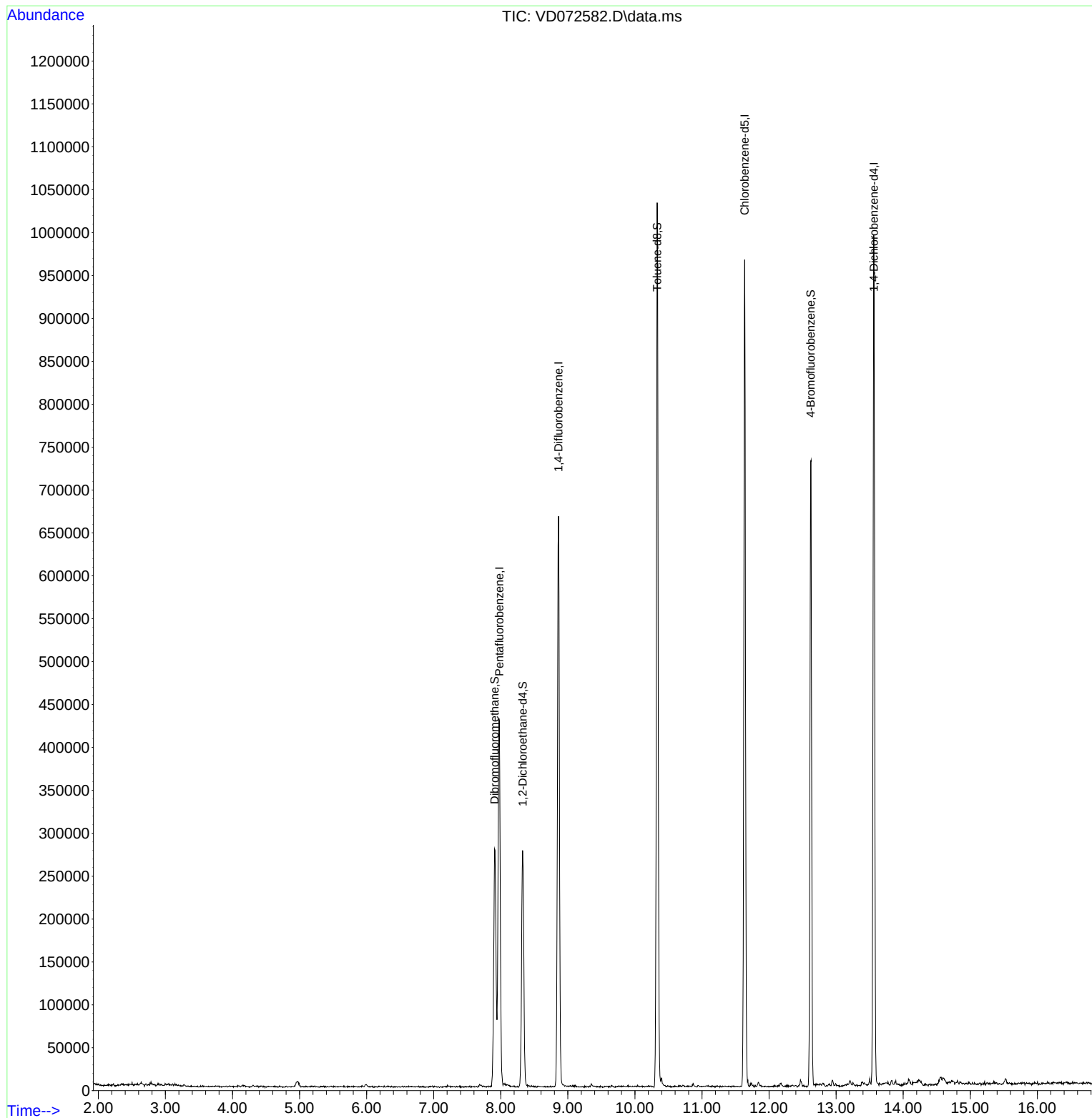
Target Compounds	Qvalue

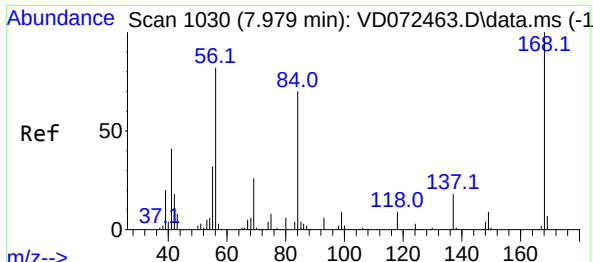
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_D

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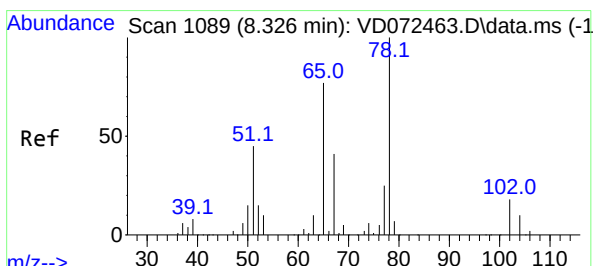
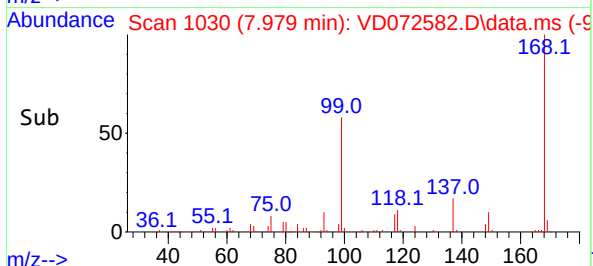
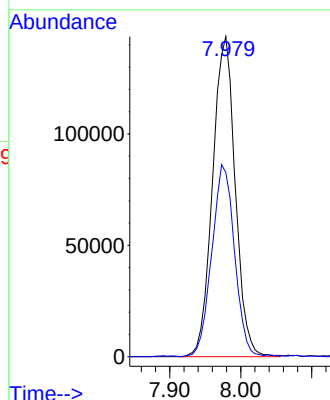
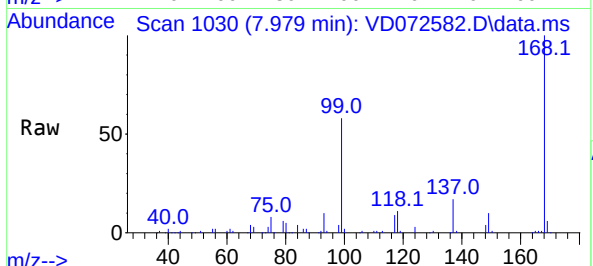
NORTH-4

Tgt Ion:168 Resp: 317693

Ion Ratio Lower Upper

168 100

99 57.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 58.618 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072582.D

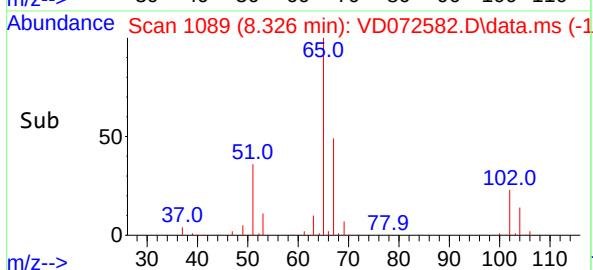
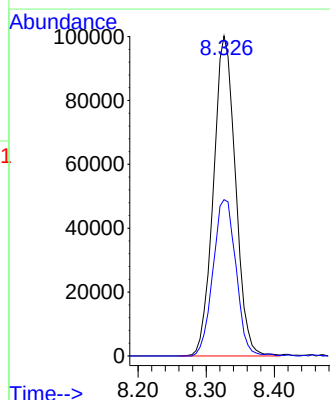
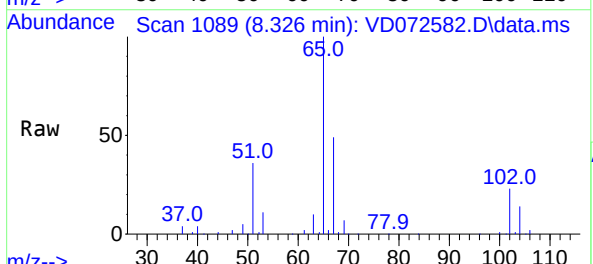
Acq: 11 Apr 2022 12:33

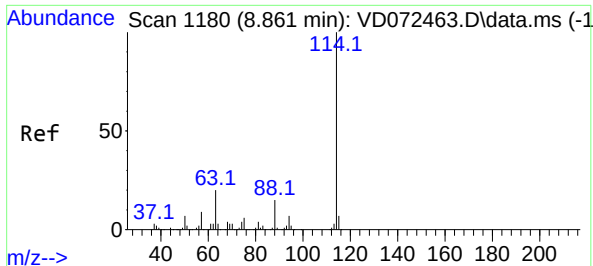
Tgt Ion: 65 Resp: 225274

Ion Ratio Lower Upper

65 100

67 51.0 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: VD072582.D

Acq: 11 Apr 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

NORTH-4

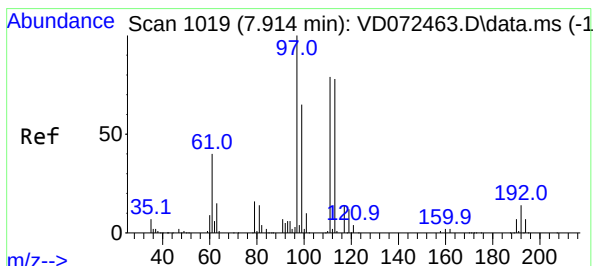
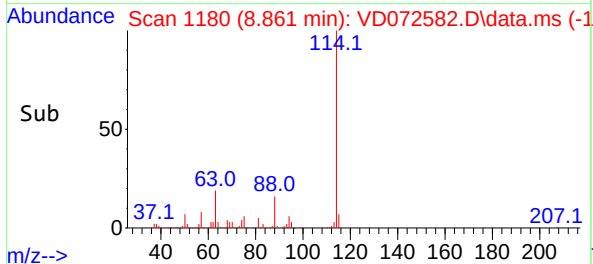
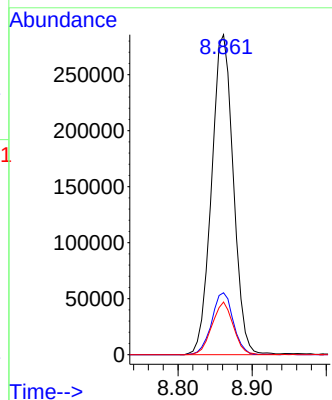
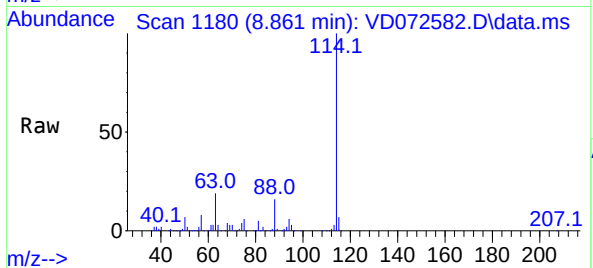
Tgt Ion:114 Resp: 582178

Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.006 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072582.D

Acq: 11 Apr 2022 12:33

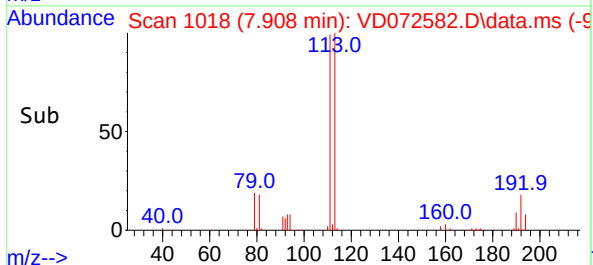
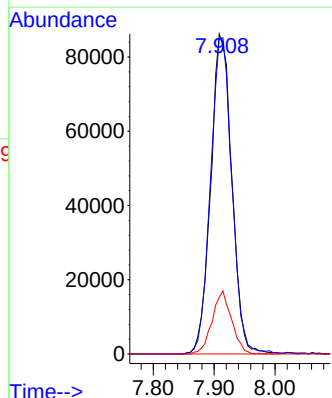
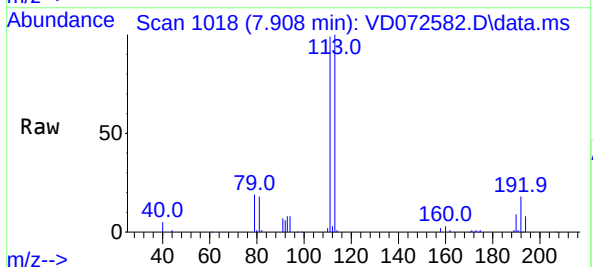
Tgt Ion:113 Resp: 208148

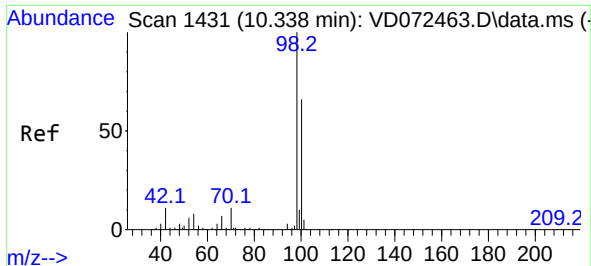
Ion Ratio Lower Upper

113 100

111 99.9 83.8 125.6

192 18.1 14.6 21.8

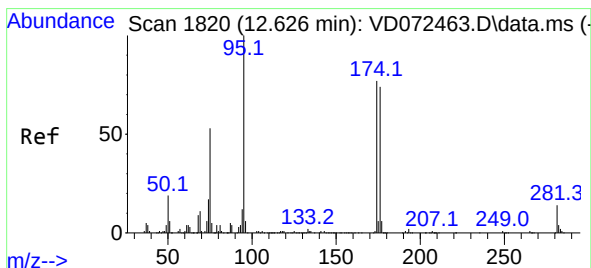
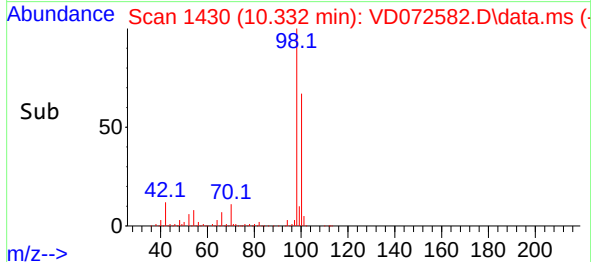
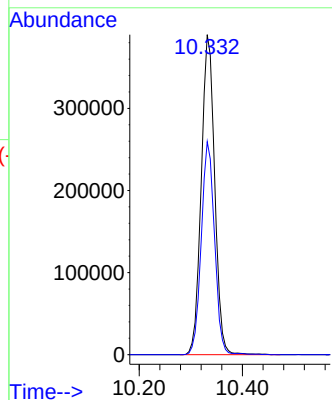
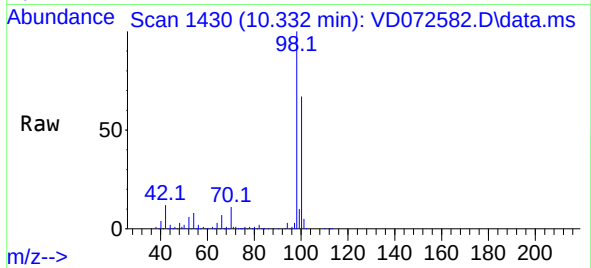




#50
Toluene-d8
Concen: 44.657 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072582.D
Acq: 11 Apr 2022 12:33

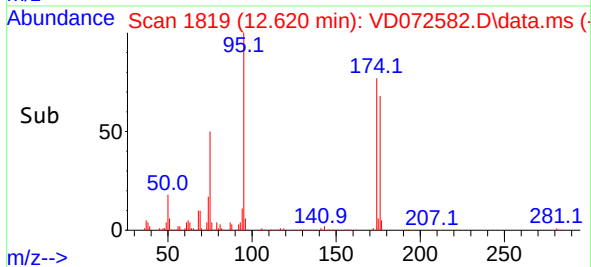
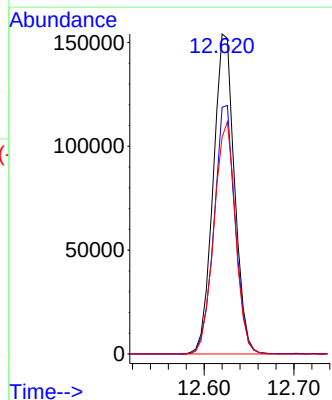
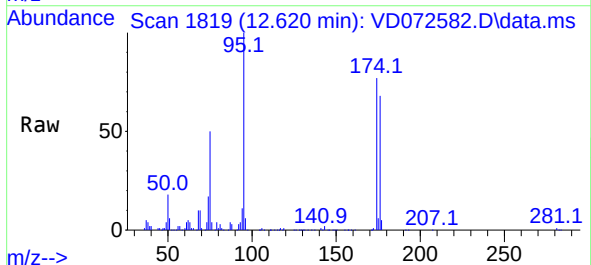
Instrument :
MSVOA_D
ClientSampleId :
NORTH-4

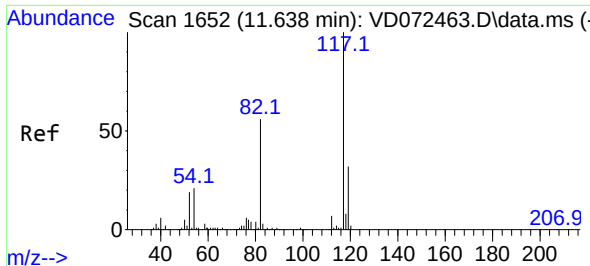
Tgt Ion: 98 Resp: 702322
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.389 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072582.D
Acq: 11 Apr 2022 12:33

Tgt Ion: 95 Resp: 254215
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 73.1 0.0 145.4

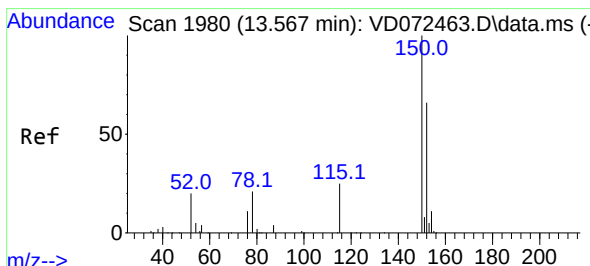
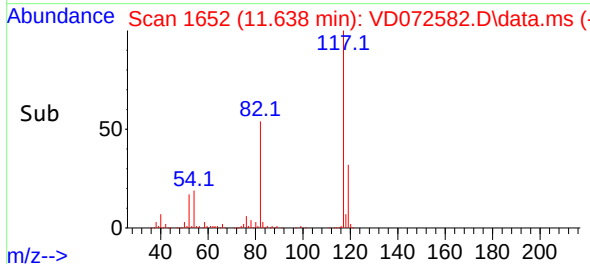
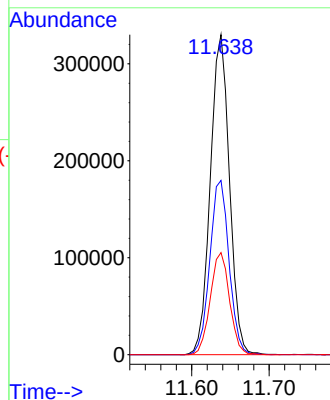
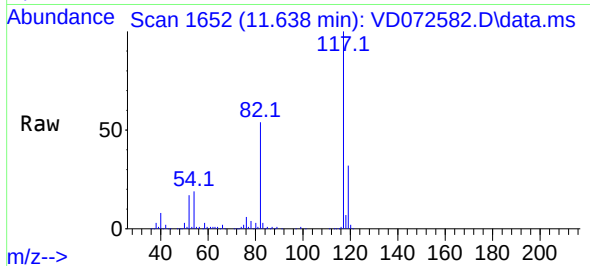




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072582.D
Acq: 11 Apr 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
NORTH-4

Tgt Ion:117 Resp: 567257
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 31.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072582.D
Acq: 11 Apr 2022 12:33

Tgt Ion:152 Resp: 262045
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 159.1 0.0 348.6

