

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072382.D
 Acq On : 23 Mar 2022 14:23
 Operator : VA/SY
 Sample : N2063-02
 Misc : 2.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-(10-10.5)

Quant Time: Mar 24 02:23:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	377428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	645092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	729383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	371533	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	192465	45.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.520%
35) Dibromofluoromethane	7.914	113	204417	45.030	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.060%
50) Toluene-d8	10.338	98	812641	48.957	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.626	95	383180	59.411	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.820%

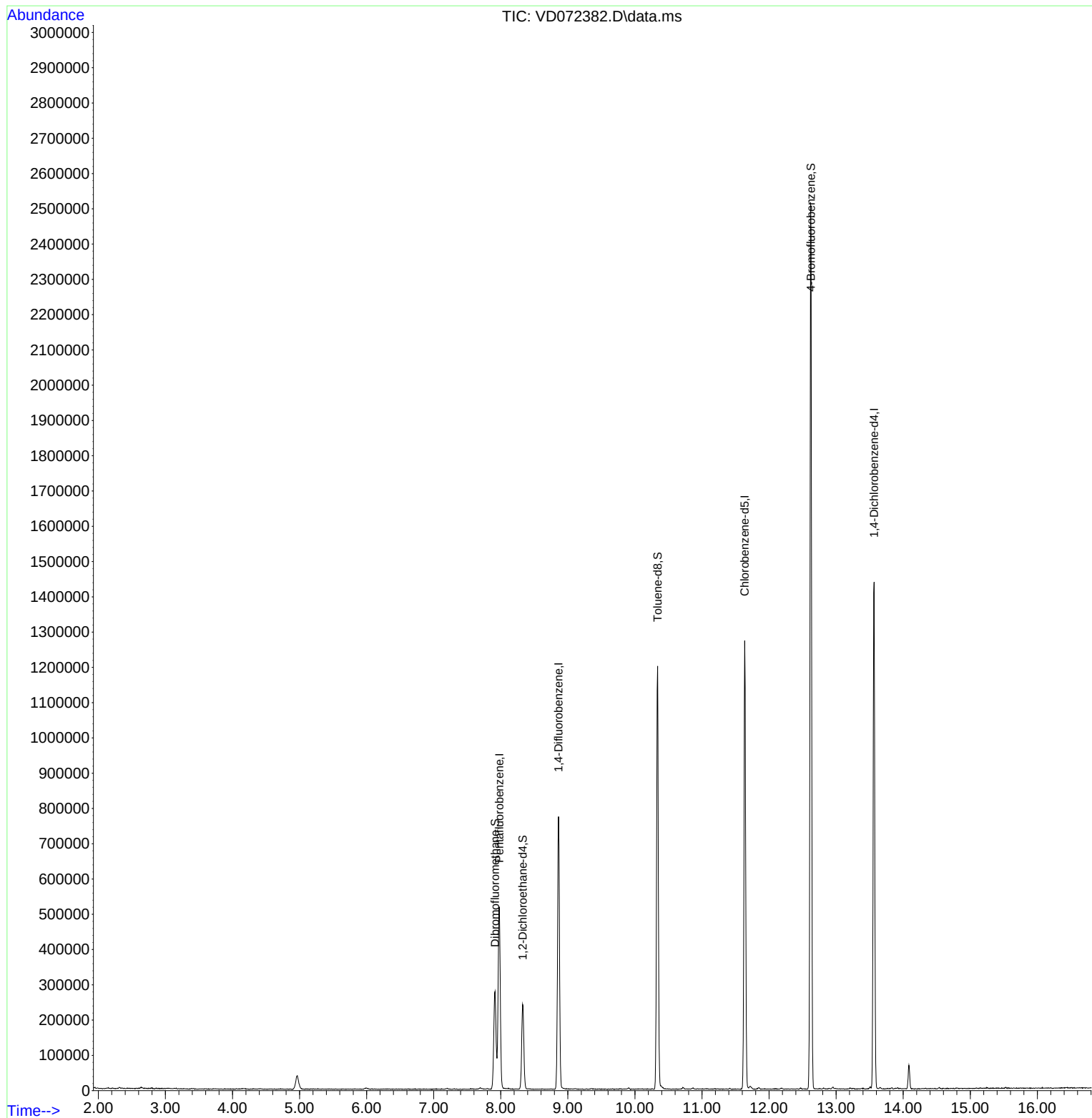
Target Compounds	Qvalue

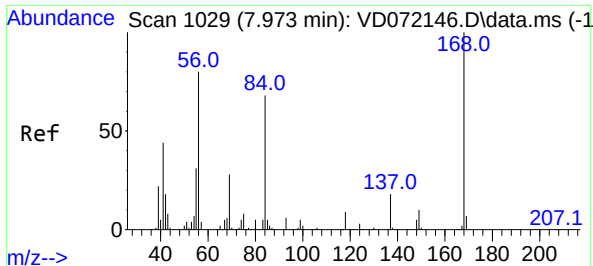
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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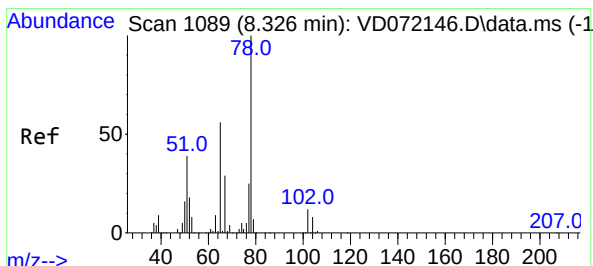
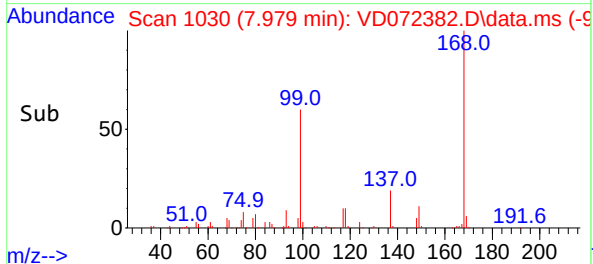
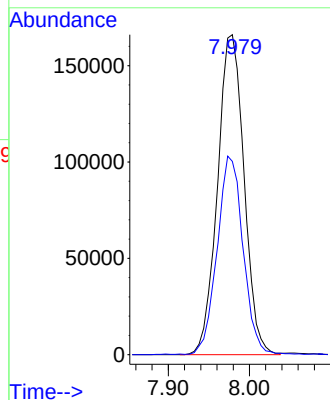
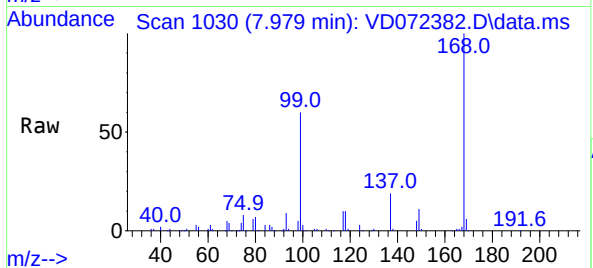




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072382.D
Acq: 23 Mar 2022 14:23

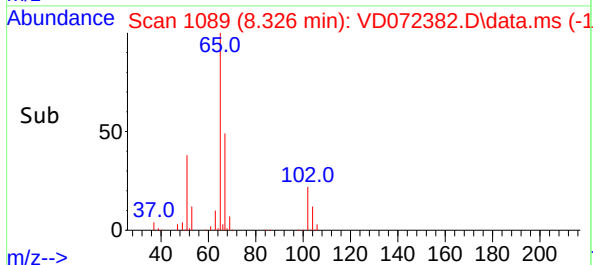
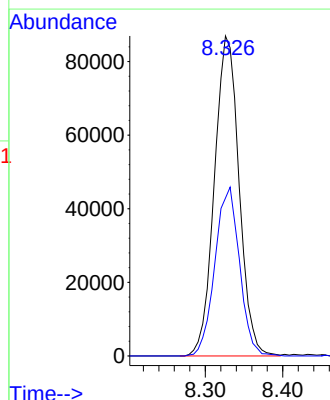
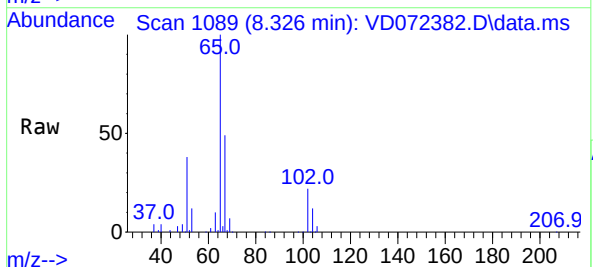
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(10-10.5)

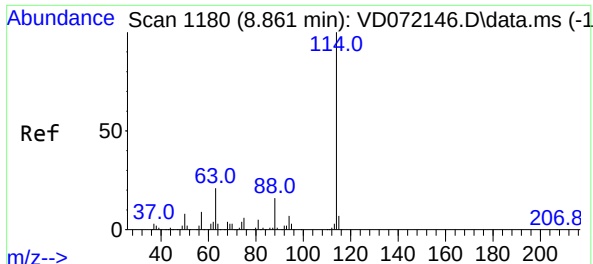
Tgt Ion:168 Resp: 377428
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.757 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072382.D
Acq: 23 Mar 2022 14:23

Tgt Ion: 65 Resp: 192465
Ion Ratio Lower Upper
65 100
67 52.6 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: VD072382.D

Acq: 23 Mar 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

WC-2-(10-10.5)

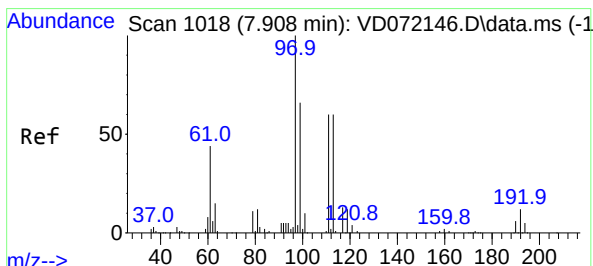
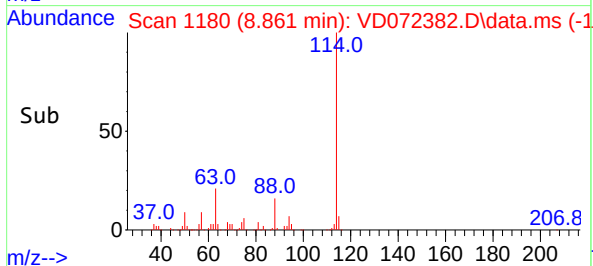
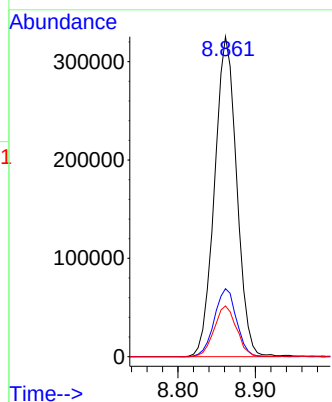
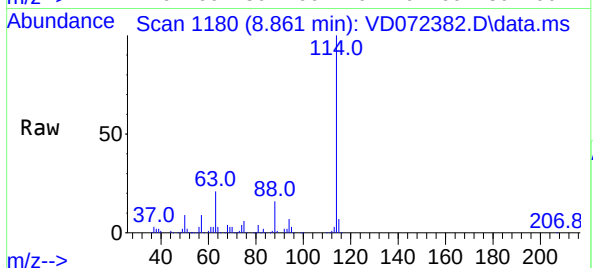
Tgt Ion:114 Resp: 645092

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.030 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072382.D

Acq: 23 Mar 2022 14:23

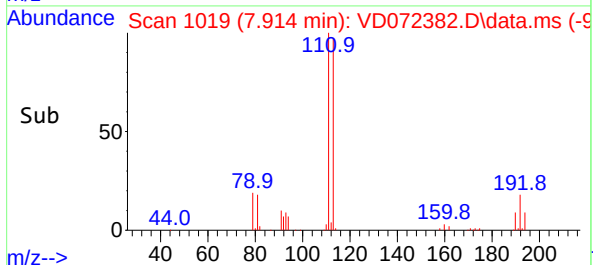
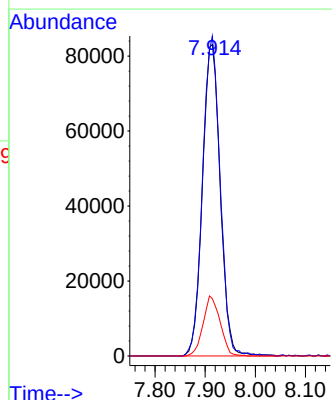
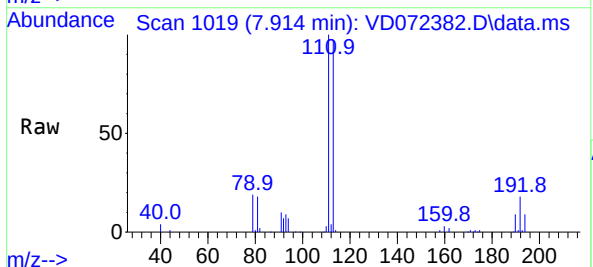
Tgt Ion:113 Resp: 204417

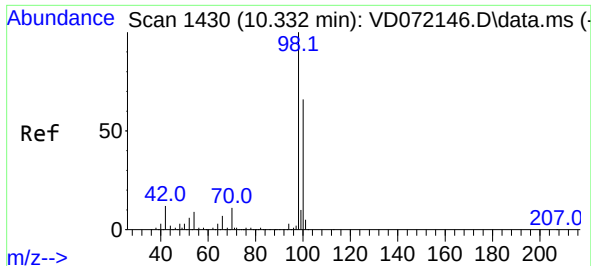
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 18.5 14.6 21.8

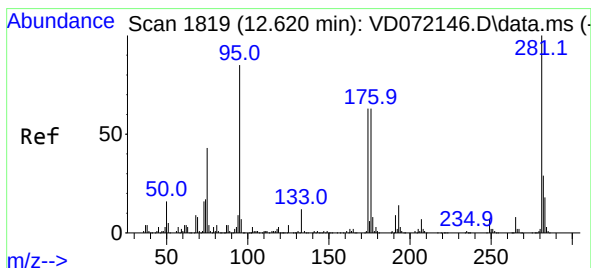
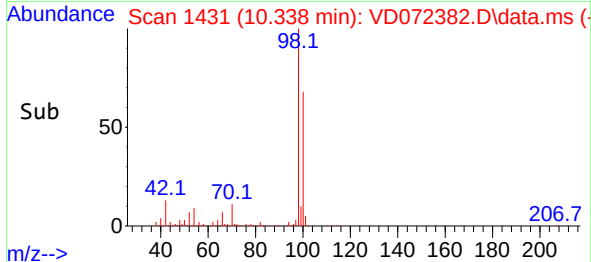
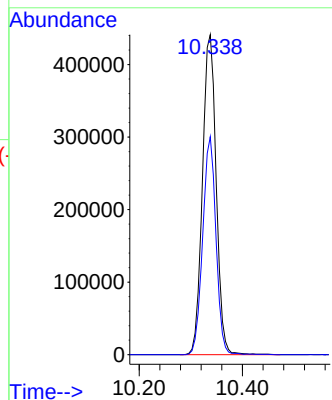
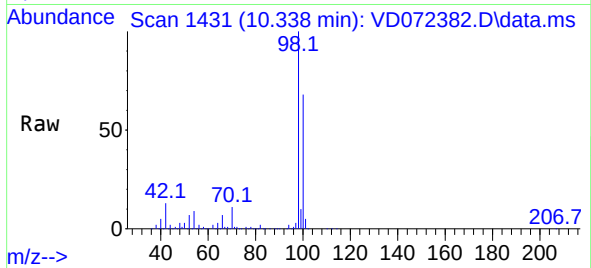




#50
Toluene-d8
Concen: 48.957 ug/l
RT: 10.338 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD072382.D
Acq: 23 Mar 2022 14:23

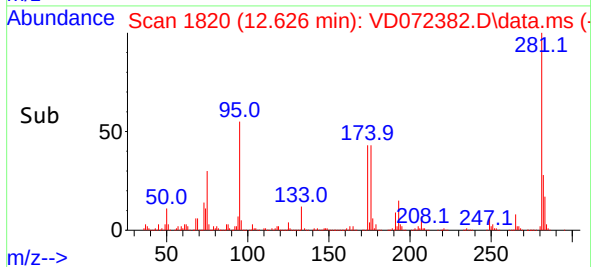
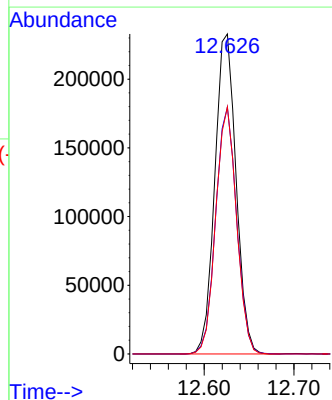
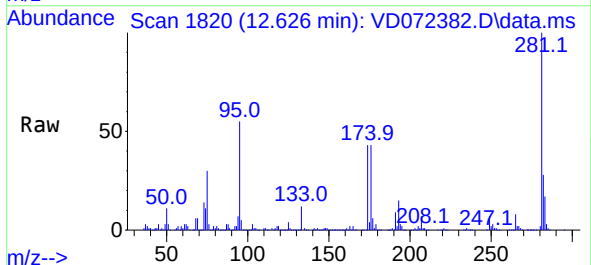
Instrument :
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WC-2-(10-10.5)

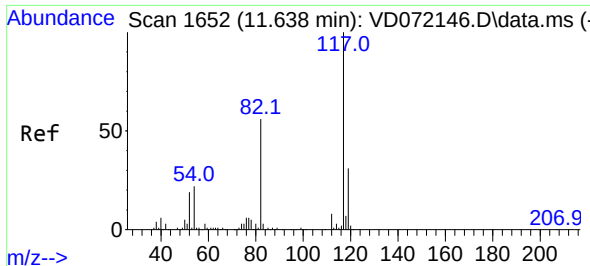
Tgt Ion: 98 Resp: 812641
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 59.411 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072382.D
Acq: 23 Mar 2022 14:23

Tgt Ion: 95 Resp: 383180
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 75.3 0.0 145.4

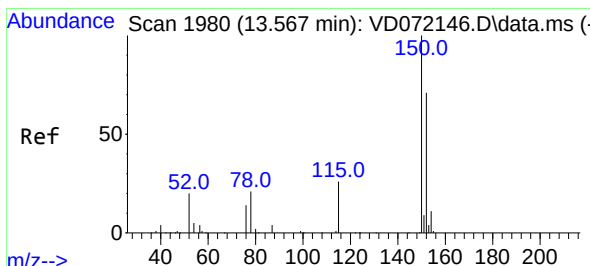
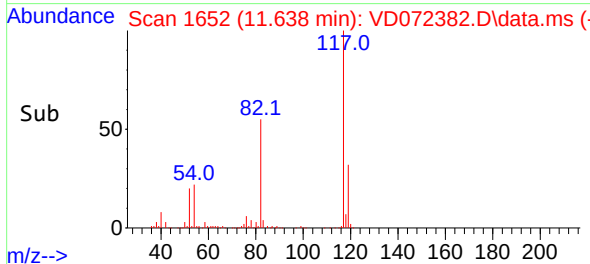
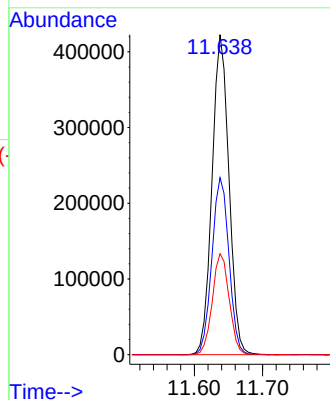
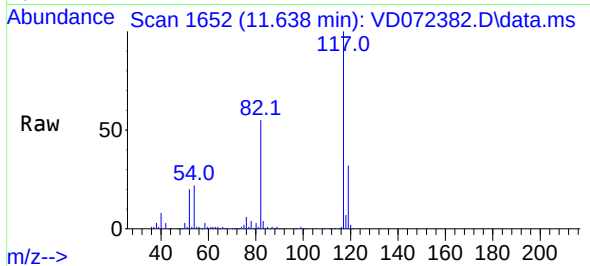




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072382.D
Acq: 23 Mar 2022 14:23

Instrument :
MSVOA_D
ClientSampleId :
WC-2-(10-10.5)

Tgt Ion:117 Resp: 729383
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 31.6 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: VD072382.D
Acq: 23 Mar 2022 14:23

Tgt Ion:152 Resp: 371533
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 157.3 0.0 348.6

