

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072406.D
 Acq On : 24 Mar 2022 14:29
 Operator : VA/SY
 Sample : N2094-04
 Misc : 5.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-(Q2)

Quant Time: Mar 25 02:55:02 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	385325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	656806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	709099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	306808	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	202234	47.094	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.180%
35) Dibromofluoromethane	7.914	113	203471	44.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.040%
50) Toluene-d8	10.338	98	813362	48.127	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.620	95	351893	53.587	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.180%

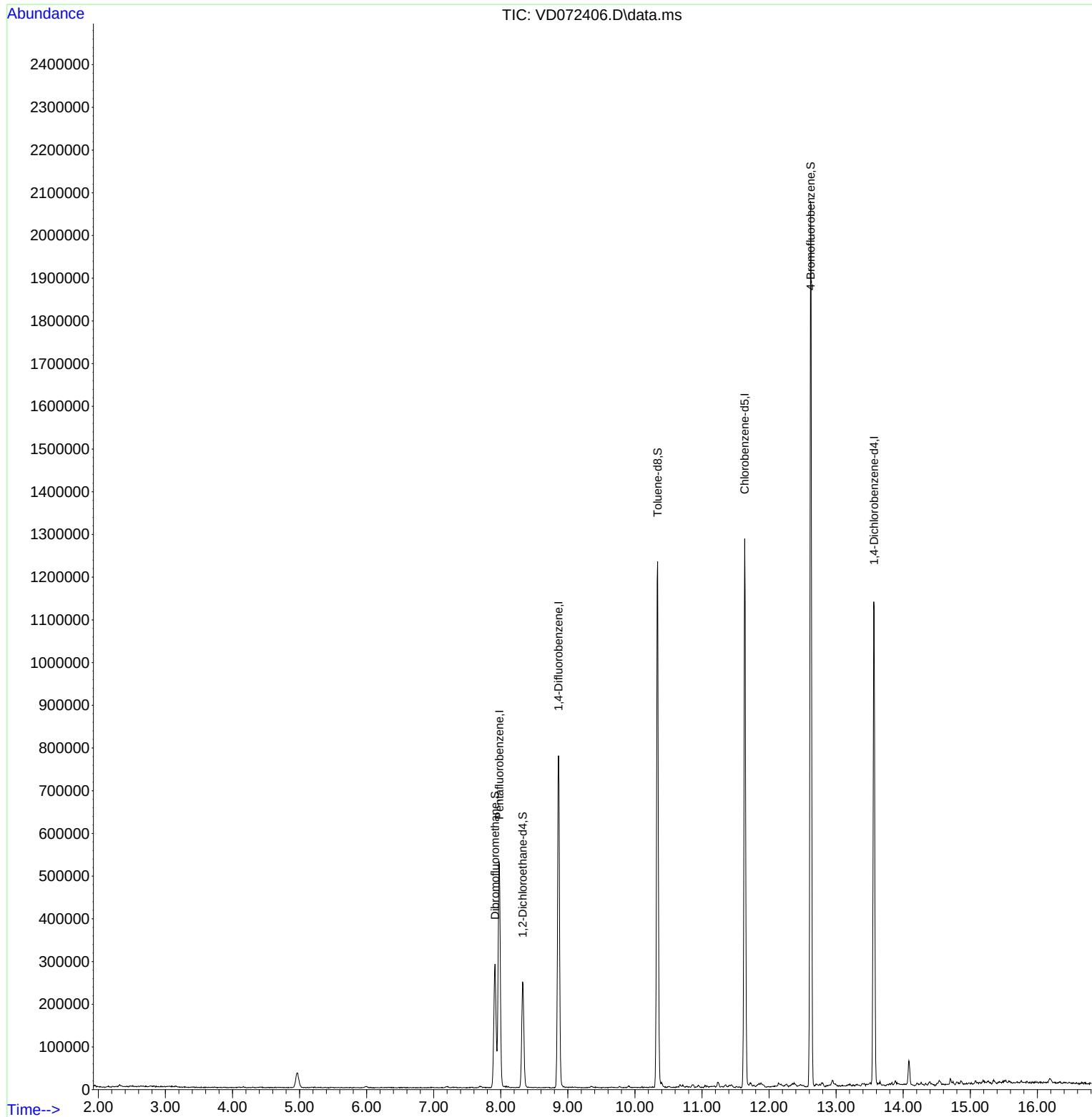
Target Compounds	Qvalue

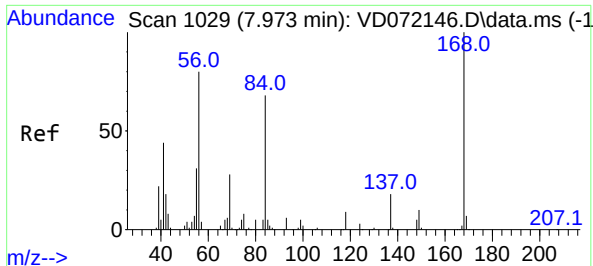
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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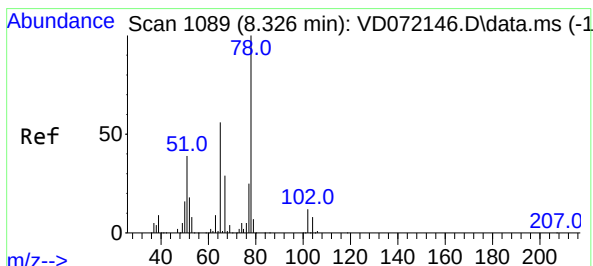
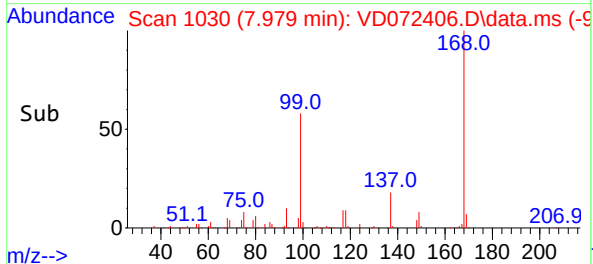
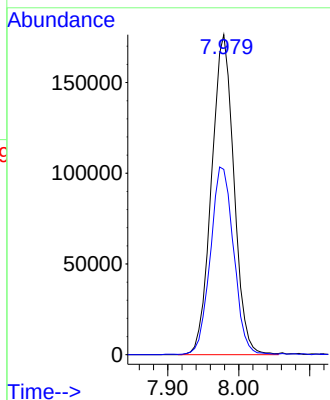
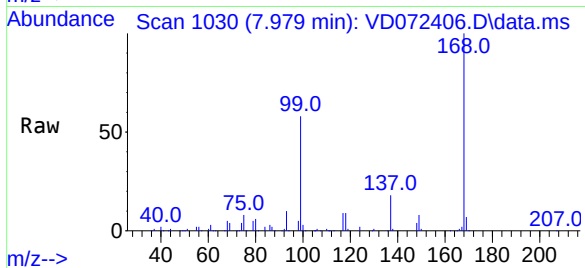




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

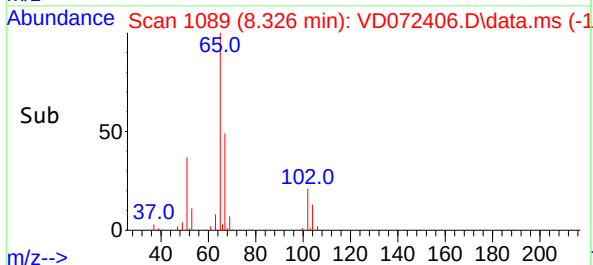
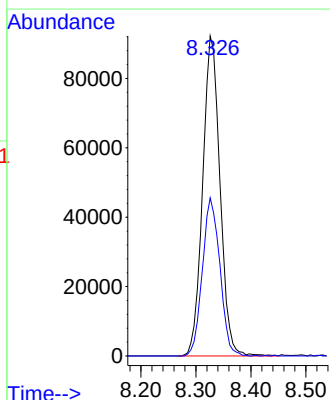
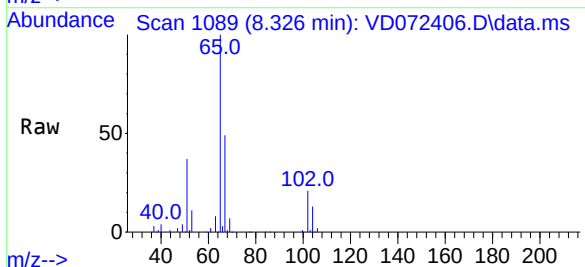
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q2)

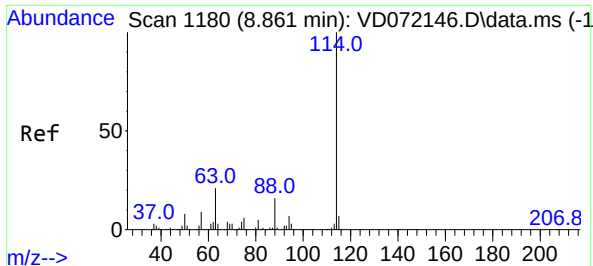
Tgt Ion:168 Resp: 385325
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.094 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

Tgt Ion: 65 Resp: 202234
Ion Ratio Lower Upper
65 100
67 49.8 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: VD072406.D

Acq: 24 Mar 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

WC-2-(Q2)

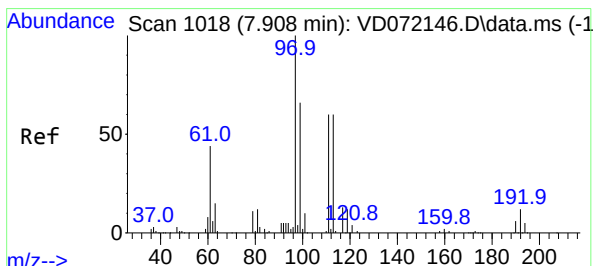
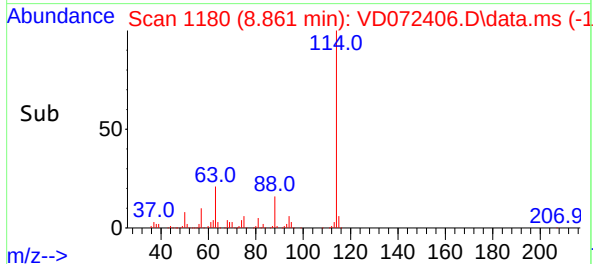
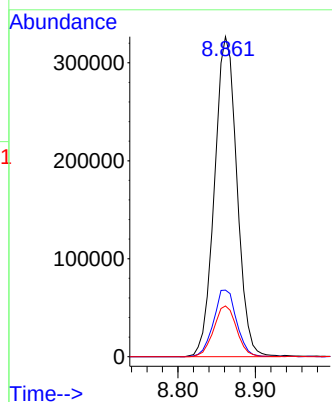
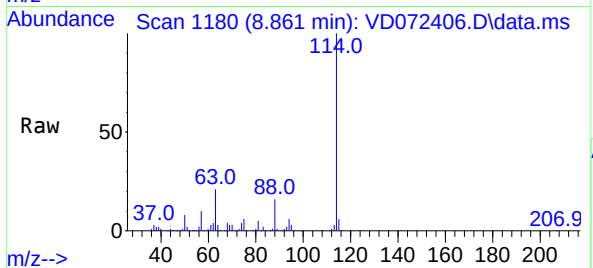
Tgt Ion:114 Resp: 656806

Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.022 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072406.D

Acq: 24 Mar 2022 14:29

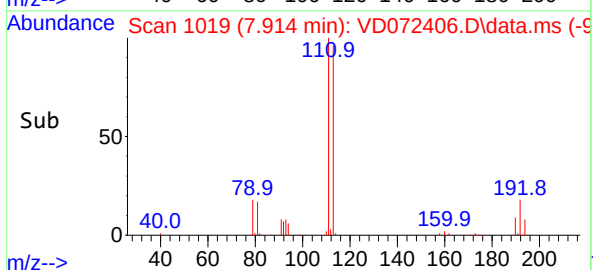
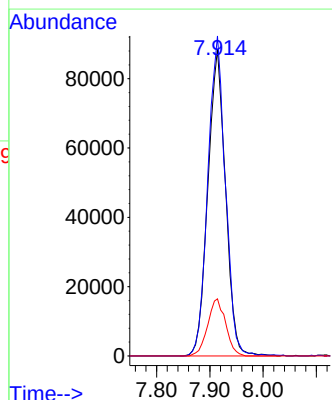
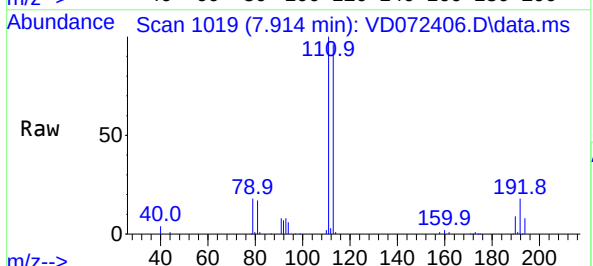
Tgt Ion:113 Resp: 203471

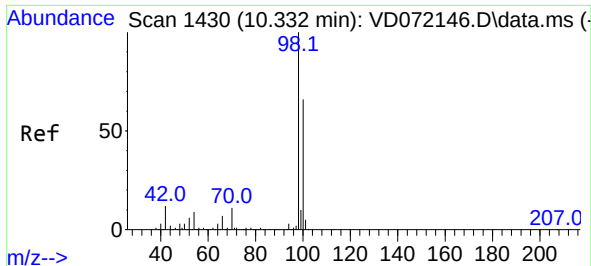
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 19.0 14.6 21.8

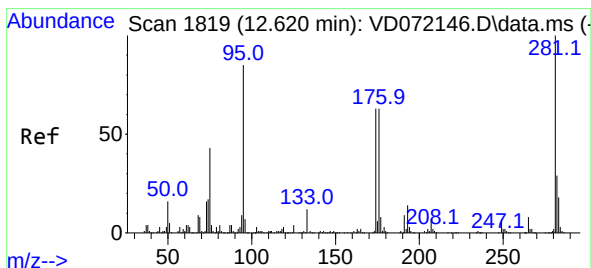
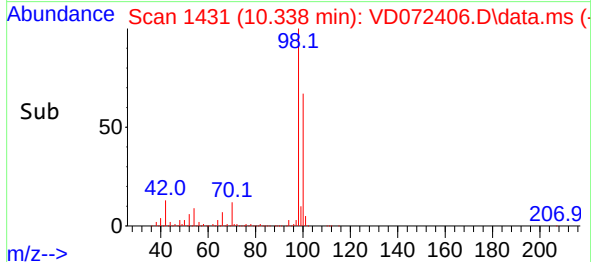
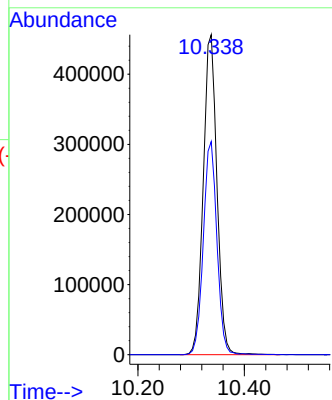
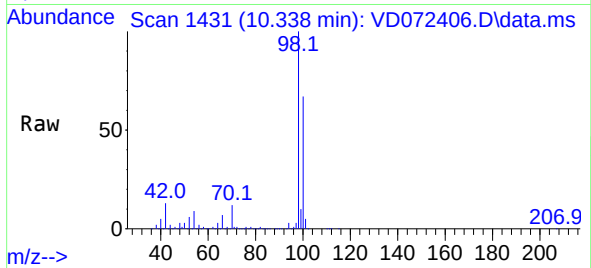




#50
Toluene-d8
Concen: 48.127 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

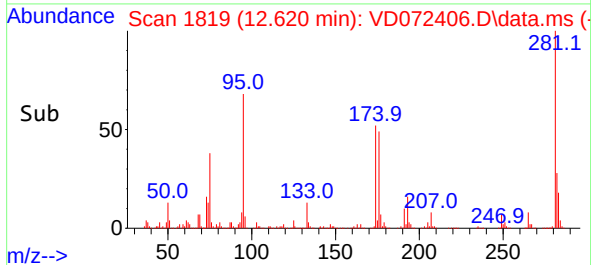
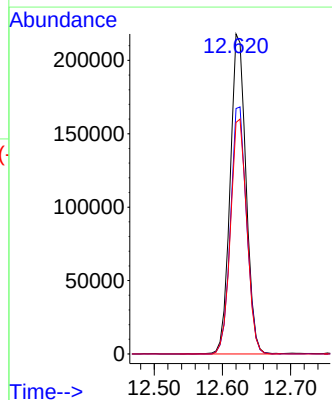
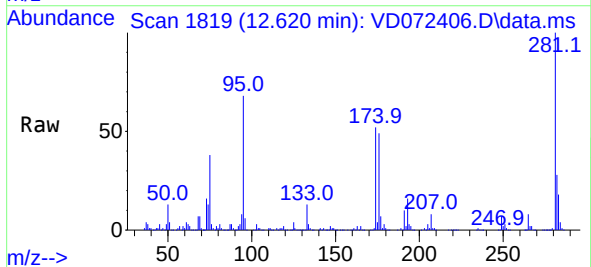
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q2)

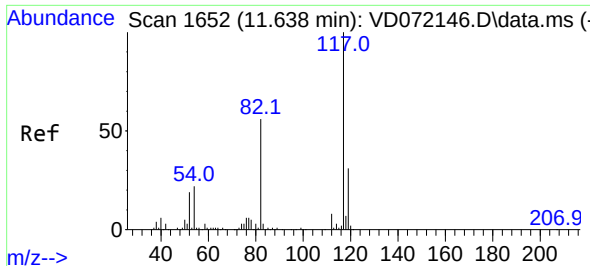
Tgt Ion: 98 Resp: 813362
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.587 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

Tgt Ion: 95 Resp: 351893
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 75.3 0.0 145.4

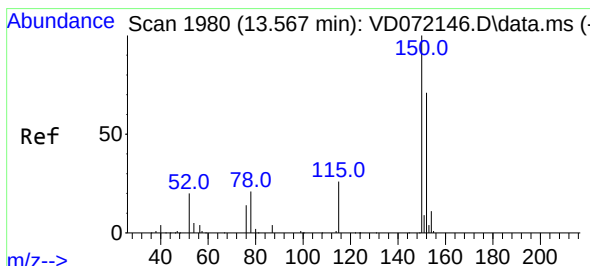
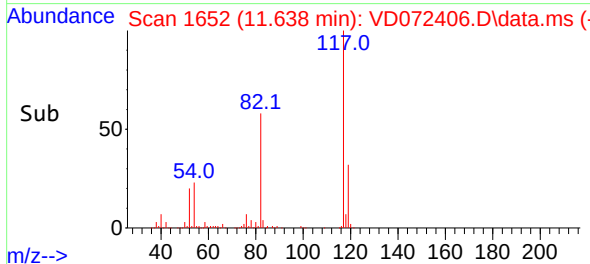
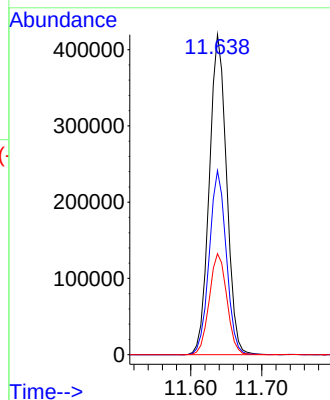
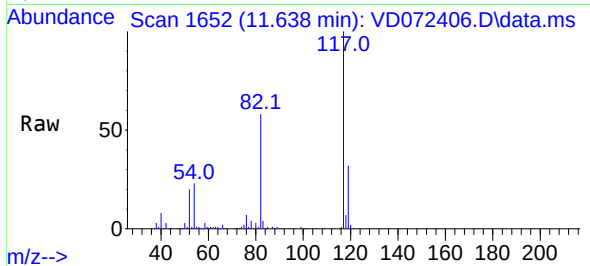




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q2)

Tgt Ion:117 Resp: 709099
Ion Ratio Lower Upper
117 100
82 57.5 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: VD072406.D
Acq: 24 Mar 2022 14:29

Tgt Ion:152 Resp: 306808
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 154.2 0.0 348.6

