

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072408.D
 Acq On : 24 Mar 2022 15:25
 Operator : VA/SY
 Sample : N2094-06
 Misc : 6.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-(Q4)

Quant Time: Mar 25 02:55:40 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	344916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	600210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	579724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	132450	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	184641	48.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.060%
35) Dibromofluoromethane	7.908	113	194740	46.106	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.220%
50) Toluene-d8	10.337	98	697255	45.147	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.300%
62) 4-Bromofluorobenzene	12.626	95	252256	42.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.080%

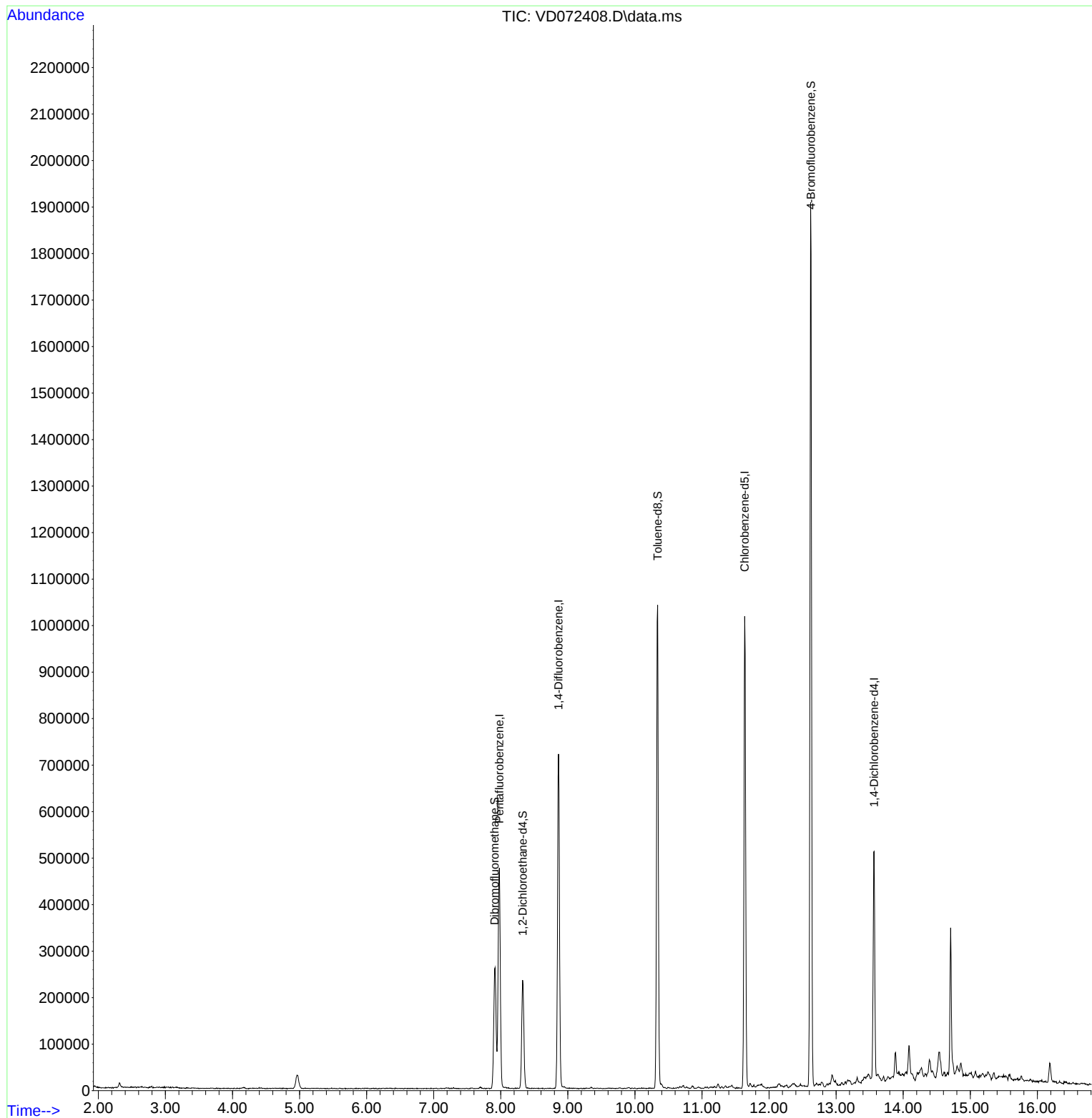
Target Compounds	Qvalue

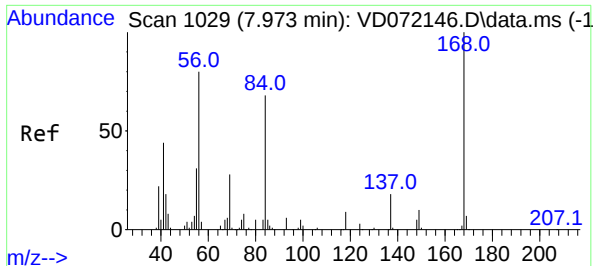
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072408.D

Acq: 24 Mar 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

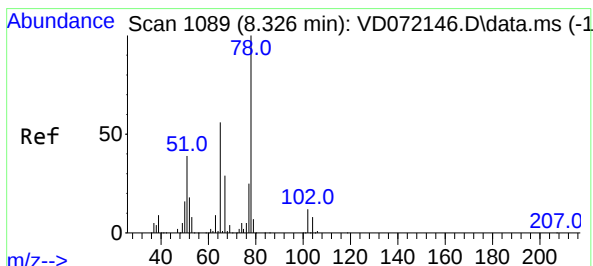
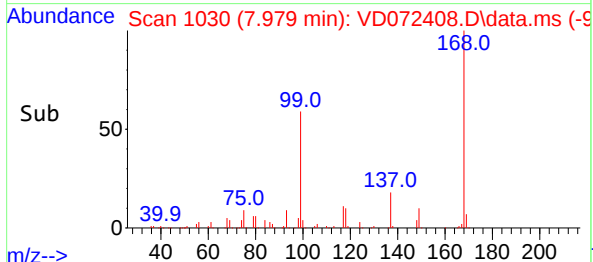
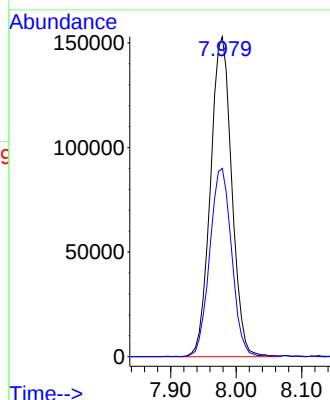
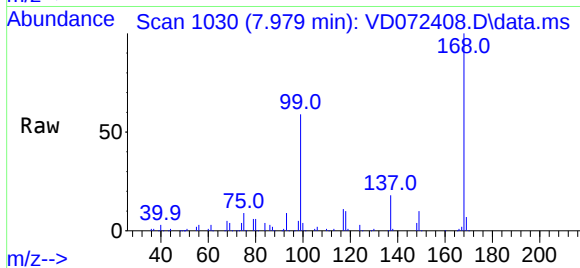
WC-2-(Q4)

Tgt Ion:168 Resp: 344916

Ion Ratio Lower Upper

168 100

99 58.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 48.035 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072408.D

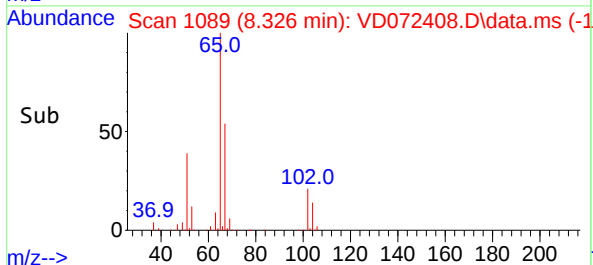
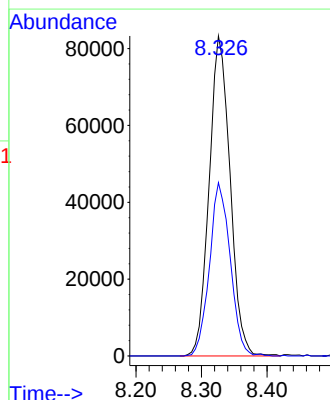
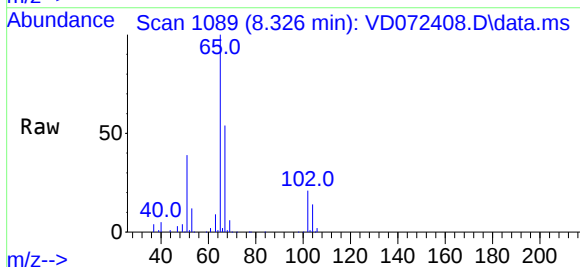
Acq: 24 Mar 2022 15:25

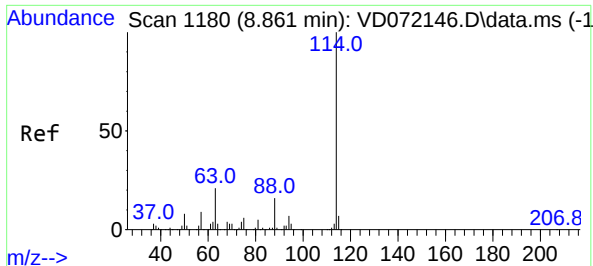
Tgt Ion: 65 Resp: 184641

Ion Ratio Lower Upper

65 100

67 53.7 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: VD072408.D

Acq: 24 Mar 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

WC-2-(Q4)

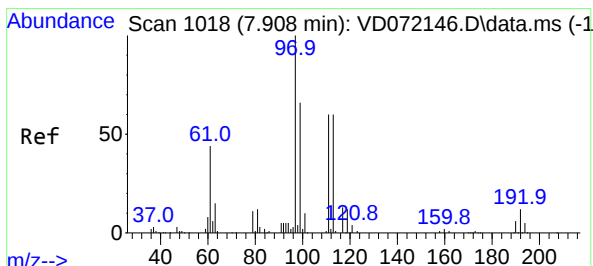
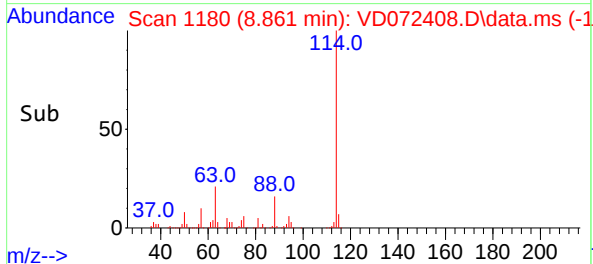
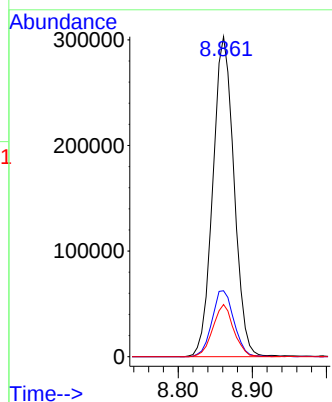
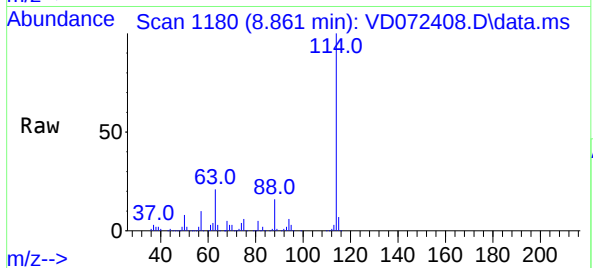
Tgt Ion:114 Resp: 600210

Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.106 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072408.D

Acq: 24 Mar 2022 15:25

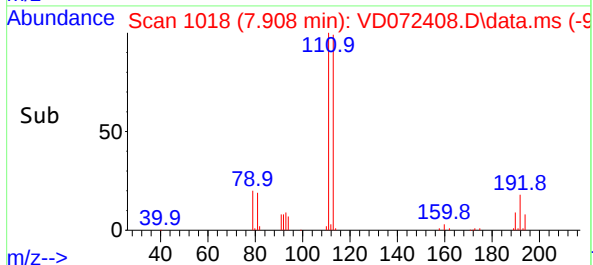
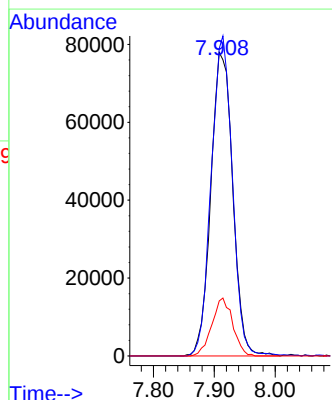
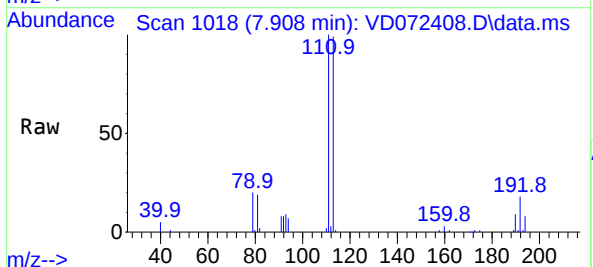
Tgt Ion:113 Resp: 194740

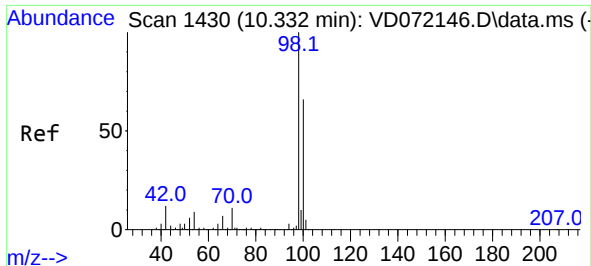
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 18.2 14.6 21.8

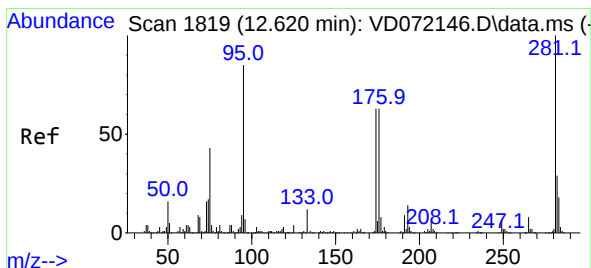
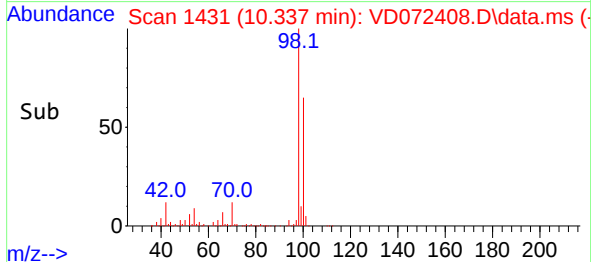
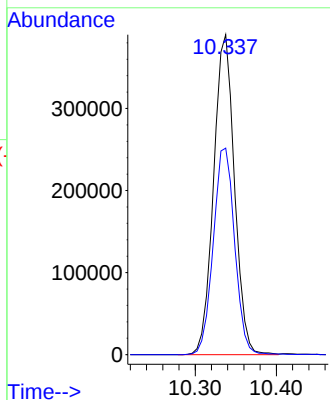
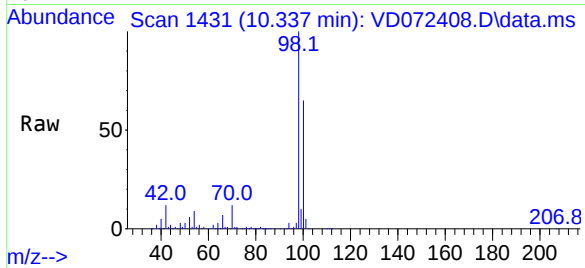




#50
Toluene-d8
Concen: 45.147 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

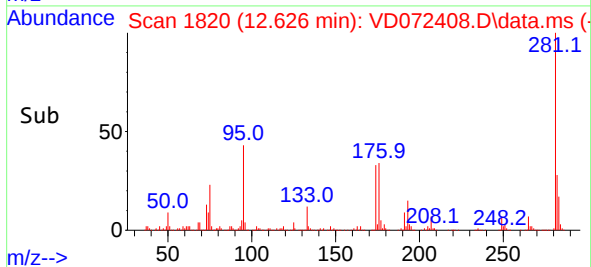
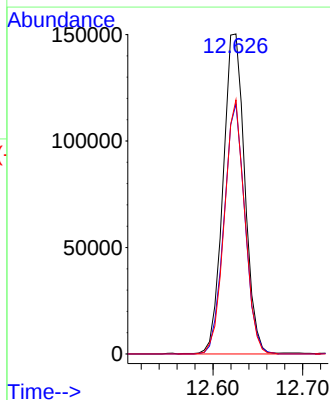
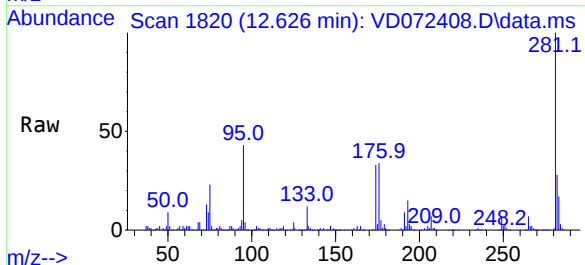
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)

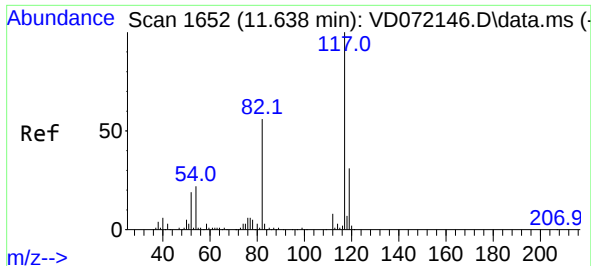
Tgt Ion: 98 Resp: 697255
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.037 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

Tgt Ion: 95 Resp: 252256
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 74.3 0.0 145.4

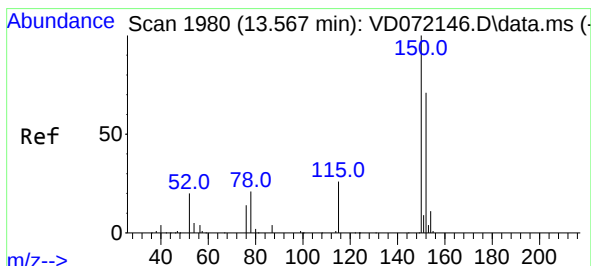
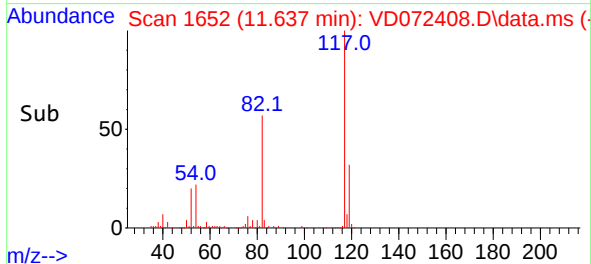
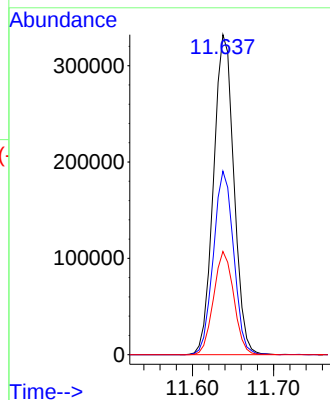
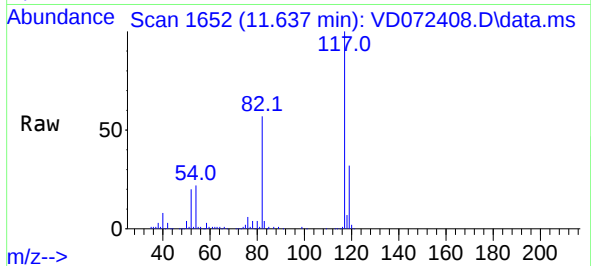




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)

Tgt Ion:117 Resp: 579724
Ion Ratio Lower Upper
117 100
82 57.3 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: VD072408.D
Acq: 24 Mar 2022 15:25

Tgt Ion:152 Resp: 132450
Ion Ratio Lower Upper
152 100
115 59.1 31.3 93.8
150 158.2 0.0 348.6

