

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072387.D
 Acq On : 23 Mar 2022 16:44
 Operator : VA/SY
 Sample : N2063-07
 Misc : 5.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-7-1-(10-10.5)

Quant Time: Mar 24 00:53:25 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	342140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	596746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	683255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	345822	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176862	46.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.760%
35) Dibromofluoromethane	7.914	113	190369	45.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.660%
50) Toluene-d8	10.332	98	757654	49.343	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.626	95	357853	59.980	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.960%

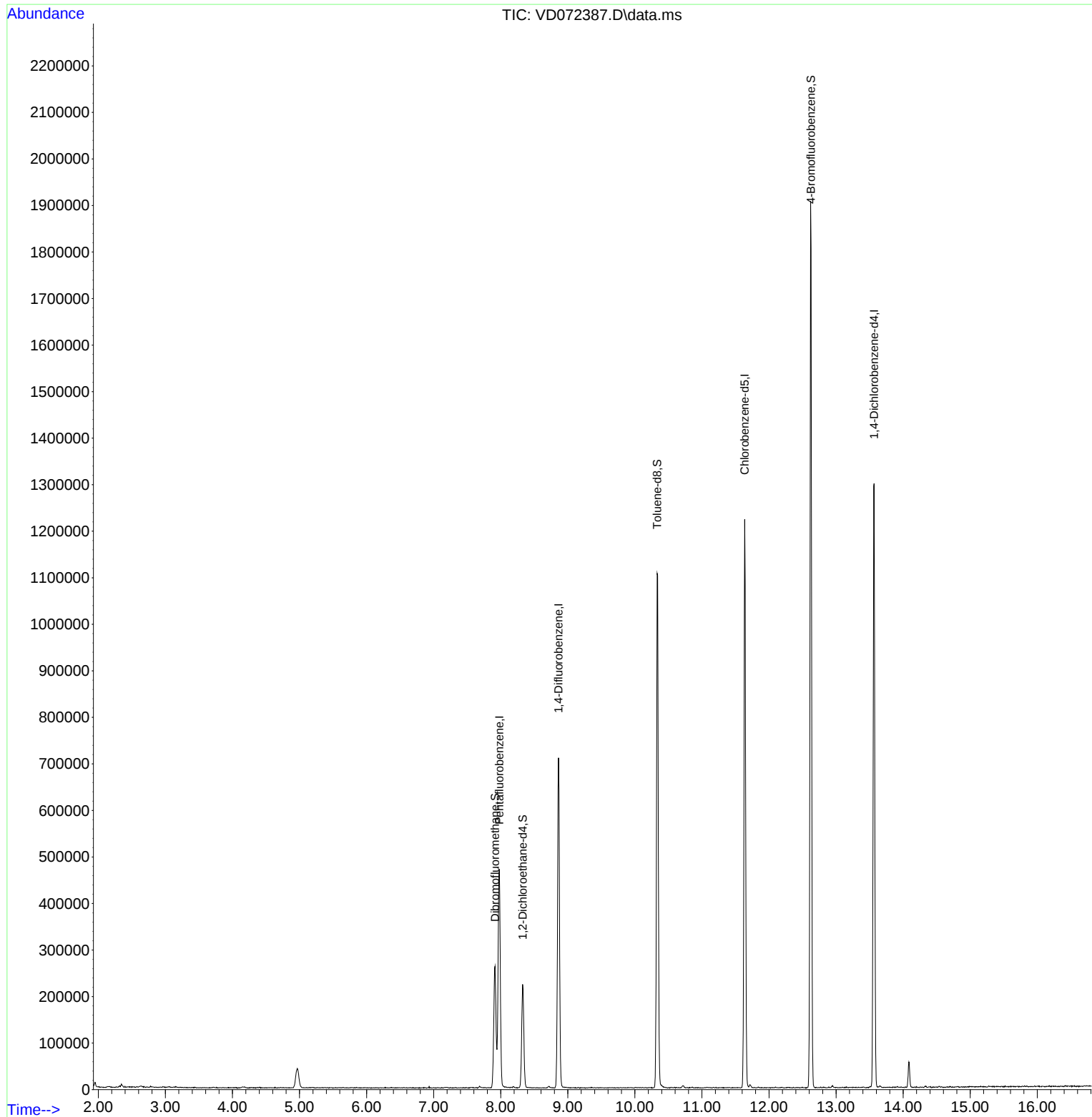
Target Compounds	Qvalue

(#) = 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: VD072387.D

Acq: 23 Mar 2022 16:44

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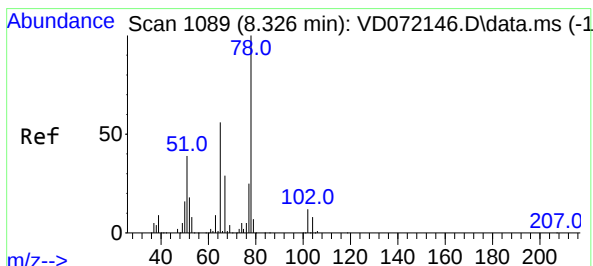
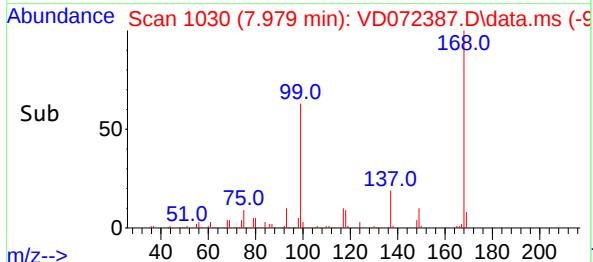
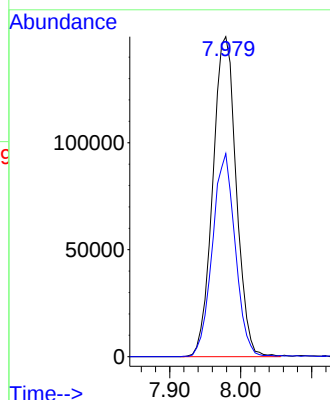
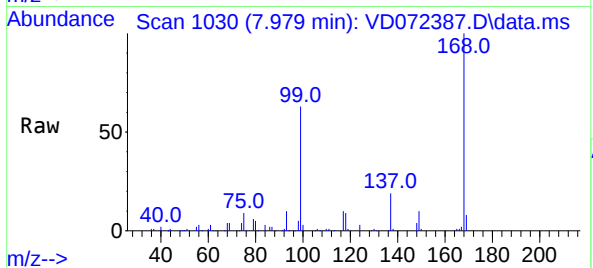
WC-7-1-(10-10.5)

Tgt Ion:168 Resp: 342140

Ion Ratio Lower Upper

168 100

99 63.4 49.8 74.6



1,2-Dichloroethane-d4

Concen: 46.384 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072387.D

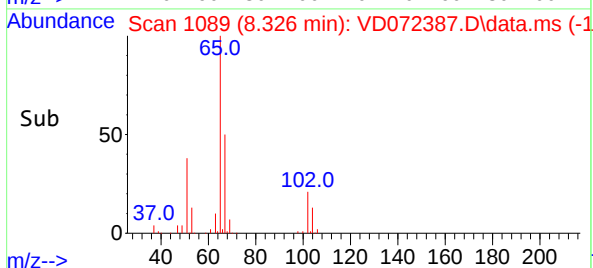
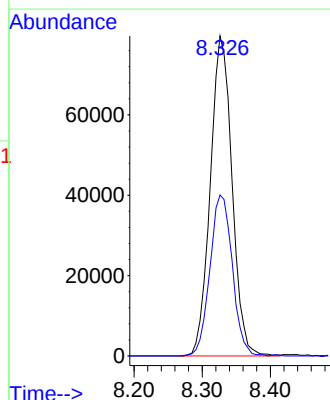
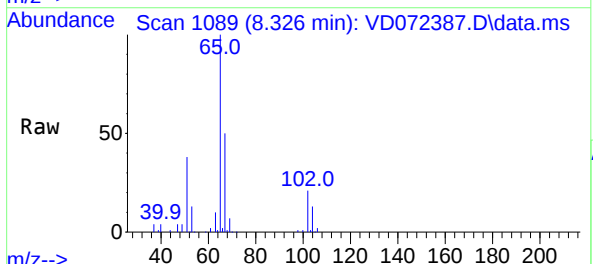
Acq: 23 Mar 2022 16:44

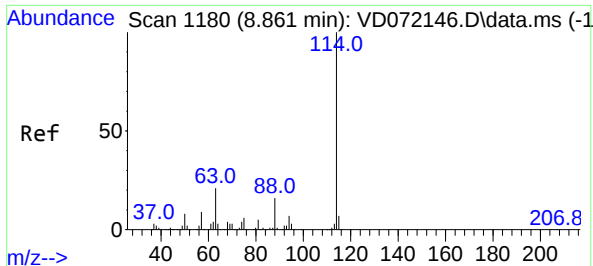
Tgt Ion: 65 Resp: 176862

Ion Ratio Lower Upper

65 100

67 51.7 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: VD072387.D

Acq: 23 Mar 2022 16:44

Instrument :

MSVOA_D

ClientSampleId :

WC-7-1-(10-10.5)

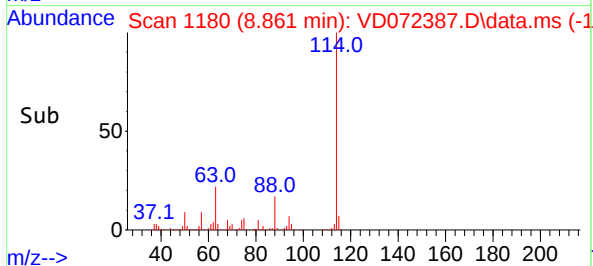
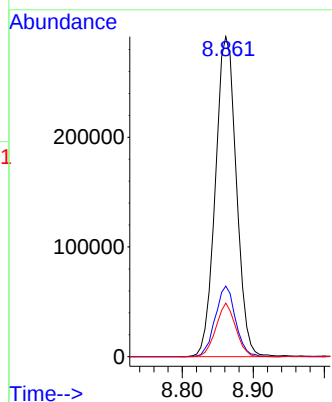
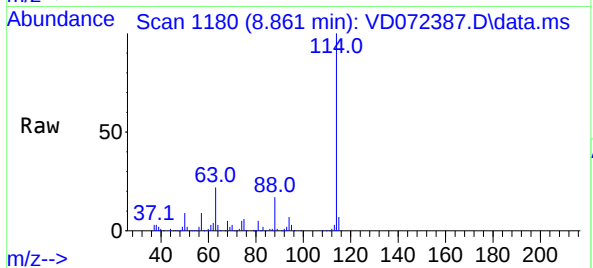
Tgt Ion:114 Resp: 596746

Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.6

88 16.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.333 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072387.D

Acq: 23 Mar 2022 16:44

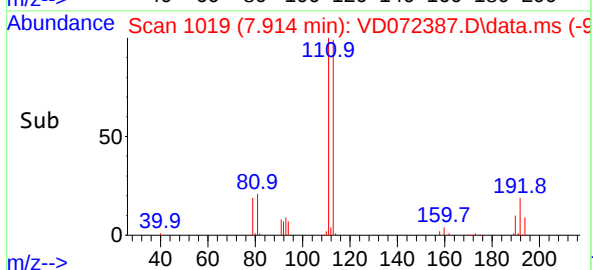
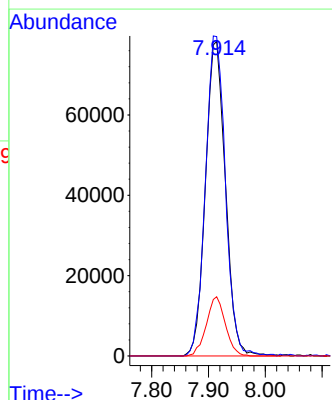
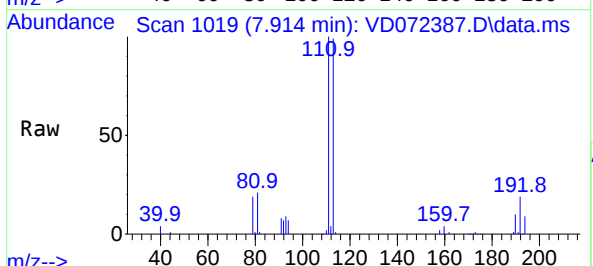
Tgt Ion:113 Resp: 190369

Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 17.9 14.6 21.8

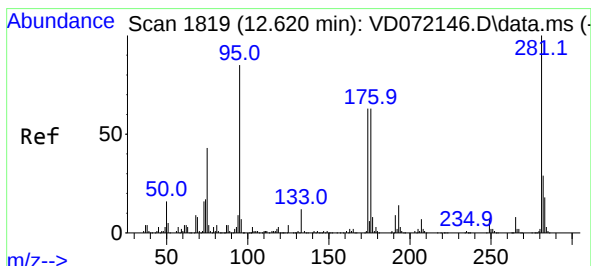
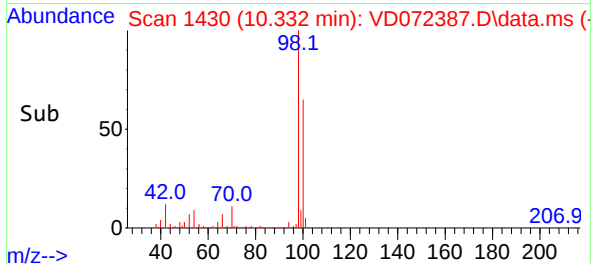
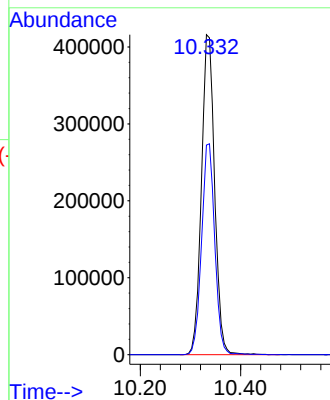
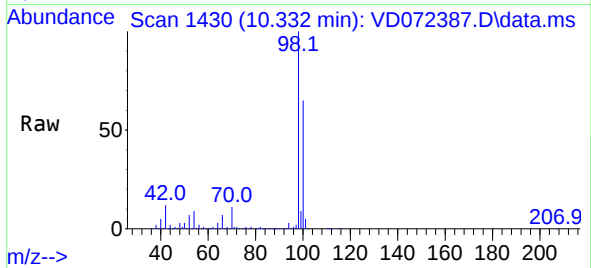




#50
Toluene-d8
Concen: 49.343 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

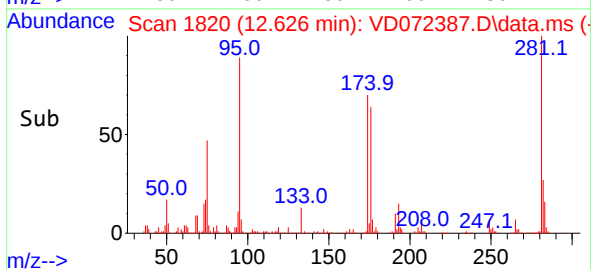
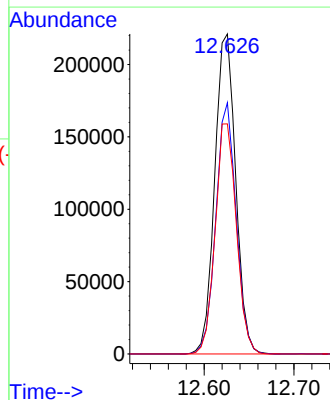
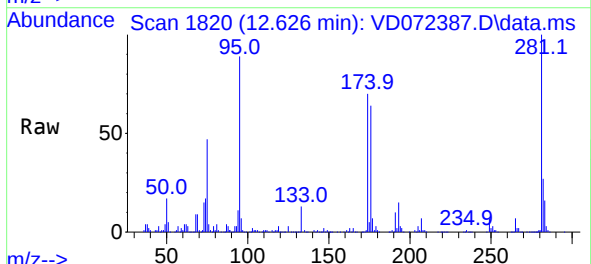
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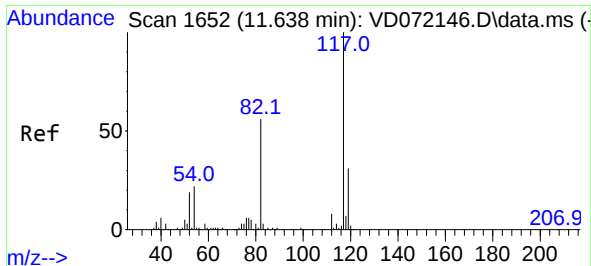
Tgt Ion: 98 Resp: 757654
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 59.980 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

Tgt Ion: 95 Resp: 357853
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 73.0 0.0 145.4

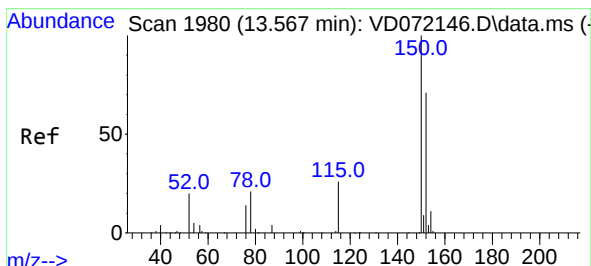
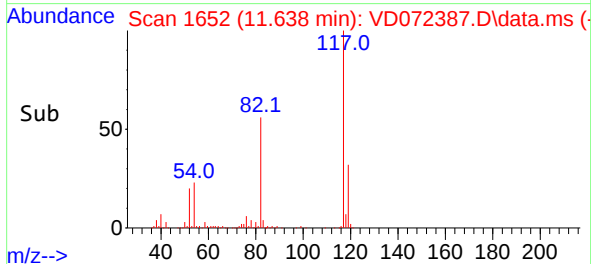
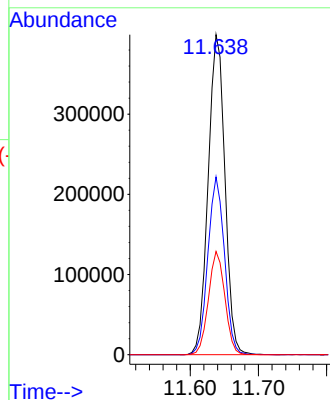
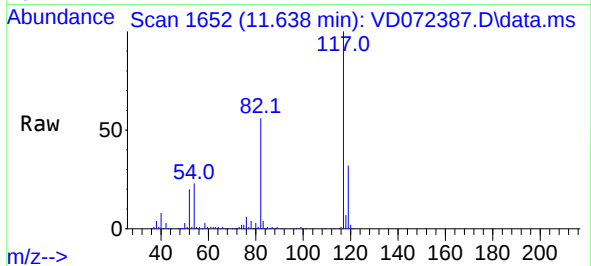




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

Instrument :
MSVOA_D
ClientSampleId :
WC-7-1-(10-10.5)

Tgt Ion:117 Resp: 683255
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 32.3 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: VD072387.D
Acq: 23 Mar 2022 16:44

Tgt Ion:152 Resp: 345822
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 158.0 0.0 348.6

