

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102620\
 Data File : VD067398.D
 Acq On : 26 Oct 2020 17:53
 Operator : VA/SY
 Sample : L4510-11
 Misc : 5.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-11

Quant Time: Oct 27 01:36:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	288845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	486128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	482572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235669	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	158040	54.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.22%	
35) Dibromofluoromethane	7.92	113	160462	49.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.20%	
50) Toluene-d8	10.34	98	588141	50.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.64	95	207157	50.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.78%	

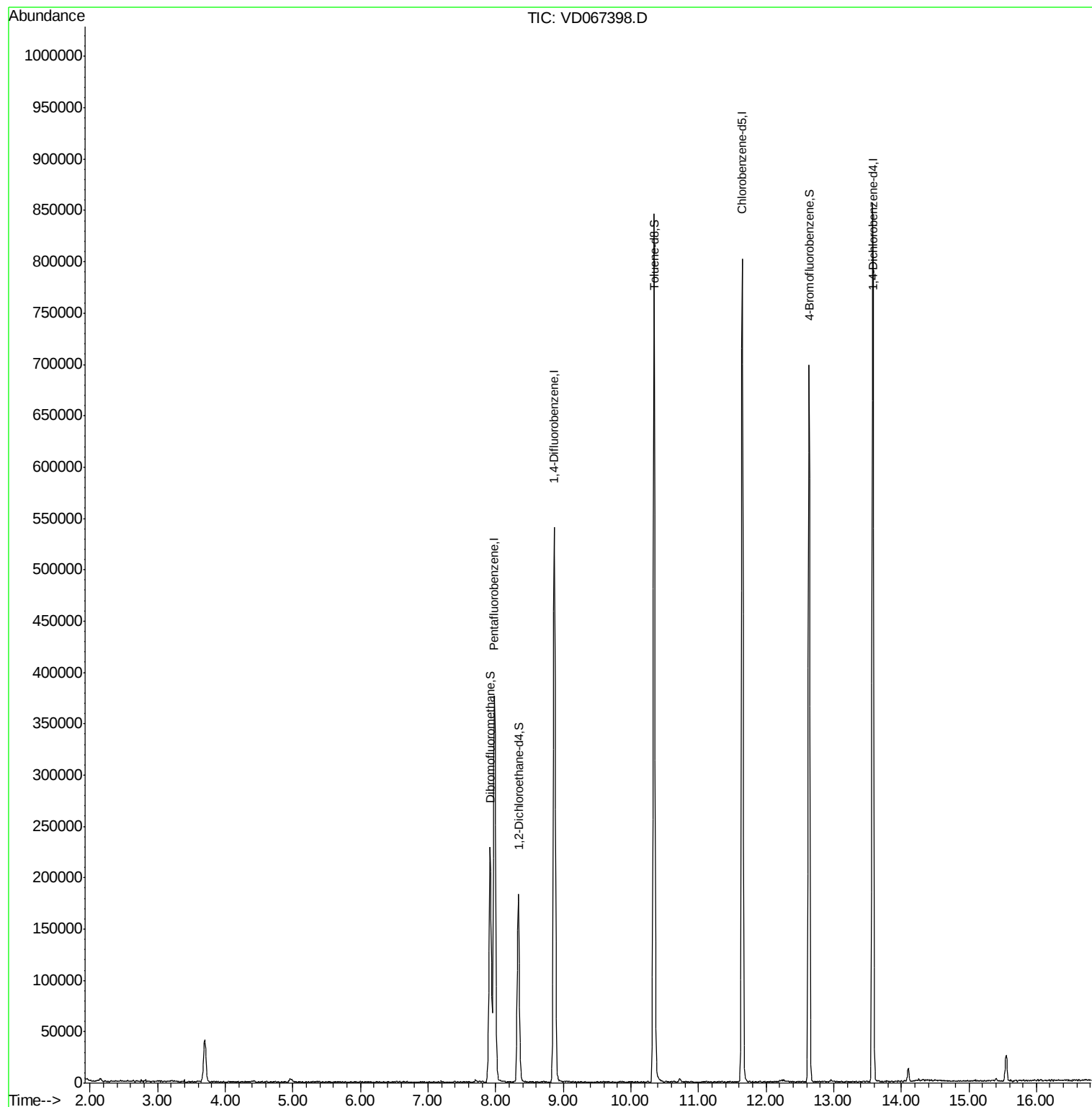
Target Compounds	Qvalue
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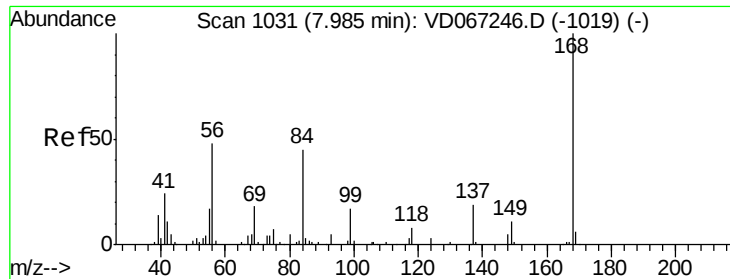
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 19 19:13:29 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067398.D

Acq: 26 Oct 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

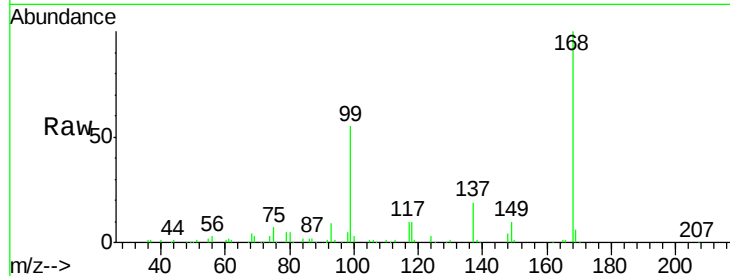
VOC-11

Tot Ion:168 Resp: 288845

Ion Ratio Lower Upper

168 100

99 55.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

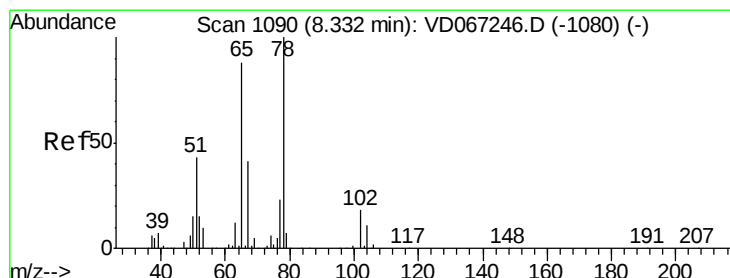
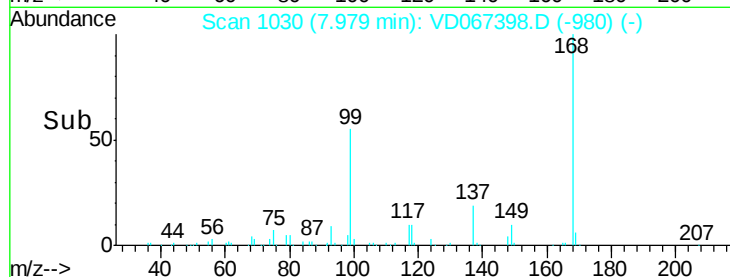
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 54.613 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067398.D

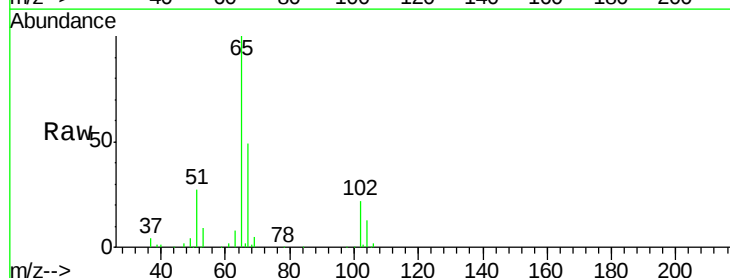
Acq: 26 Oct 2020 17:53

Tgt Ion: 65 Resp: 158040

Ion Ratio Lower Upper

65 100

67 48.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

60000

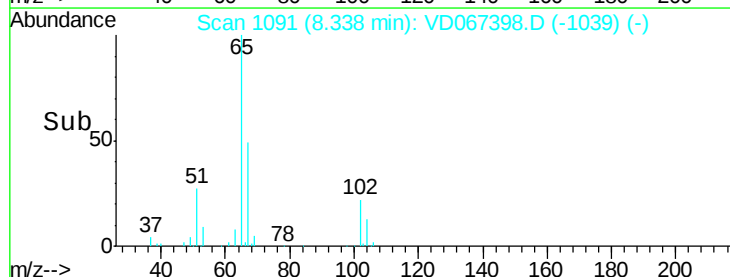
40000

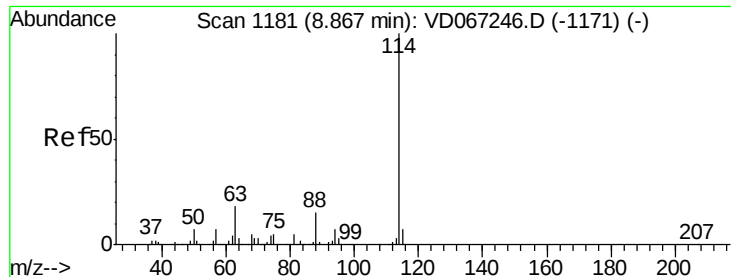
20000

0

Time-->

8.20 8.25 8.30 8.35 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067398.D

Acq: 26 Oct 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VOC-11

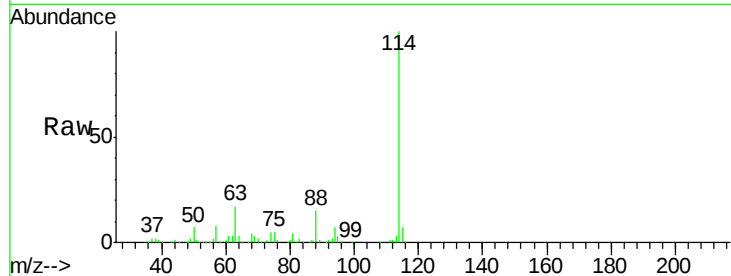
Tot Ion:114 Resp: 486128

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

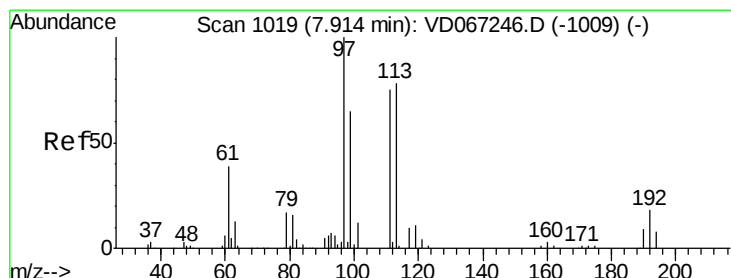
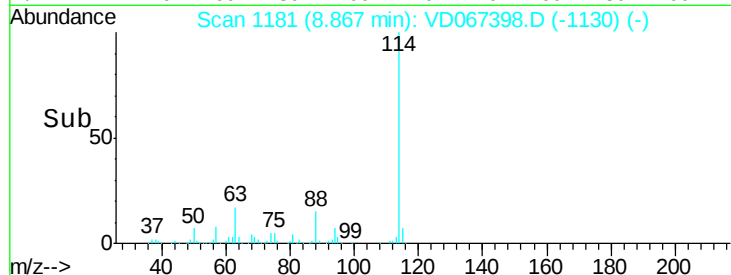
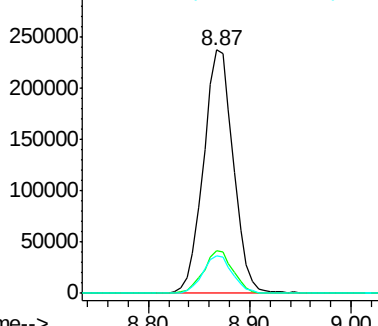
88 15.4 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.599 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067398.D

Acq: 26 Oct 2020 17:53

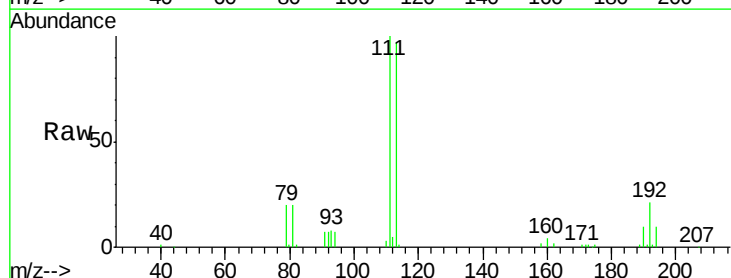
Tgt Ion:113 Resp: 160462

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

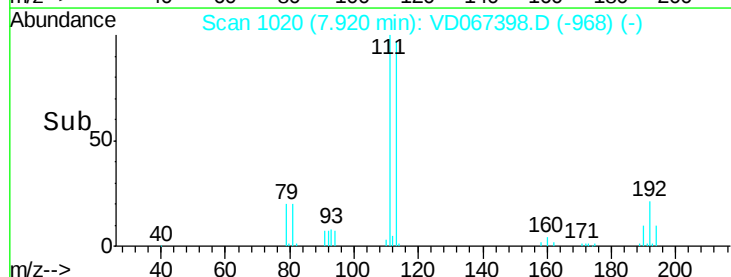
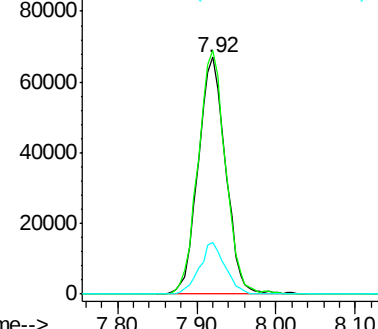
192 20.4 17.0 25.4

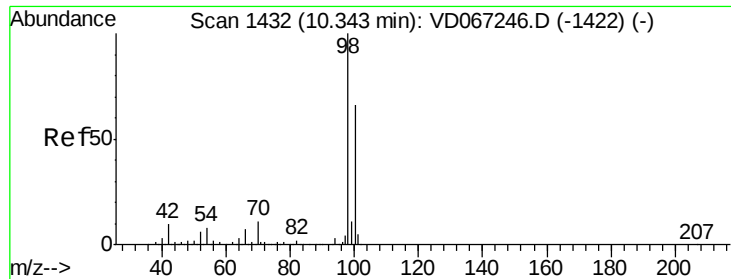


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.235 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067398.D

Acq: 26 Oct 2020 17:53

Instrument :

MSVOA_D

ClientSampled :

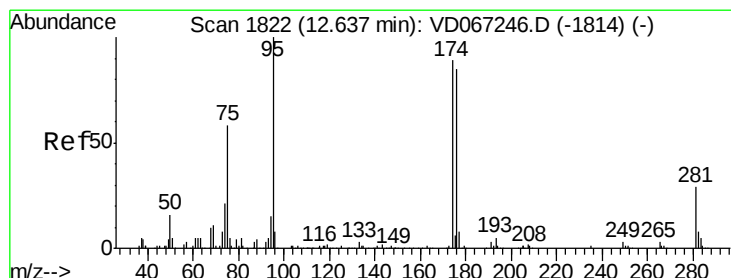
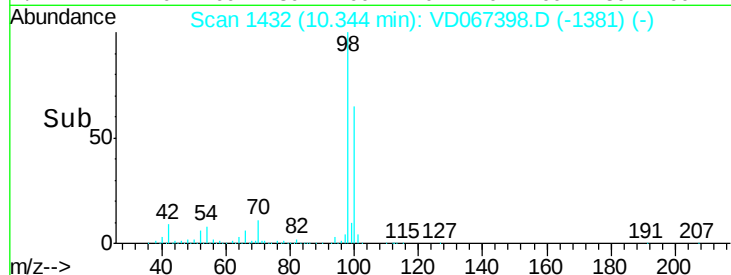
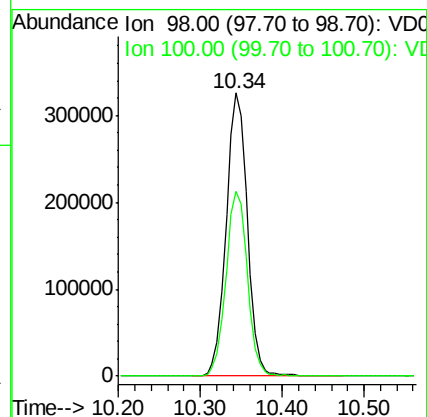
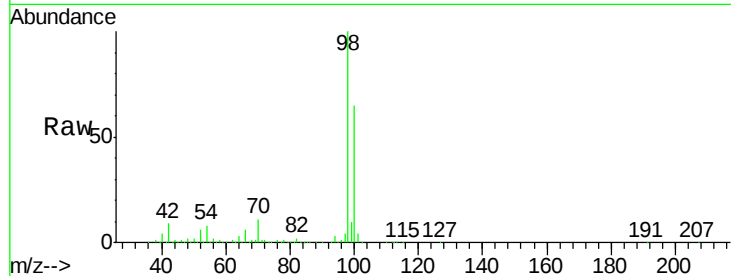
VOC-11

Tot Ion: 98 Resp: 588141

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 50.885 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067398.D

Acq: 26 Oct 2020 17:53

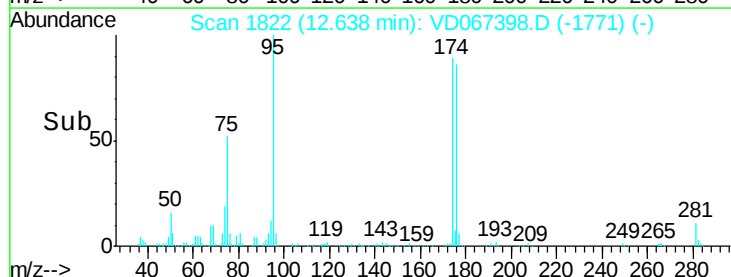
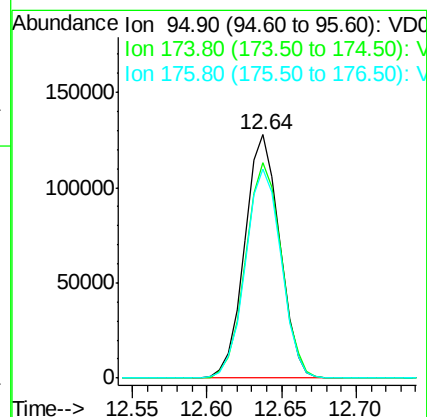
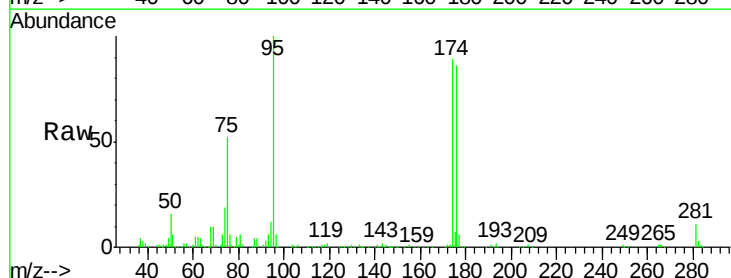
Tgt Ion: 95 Resp: 207157

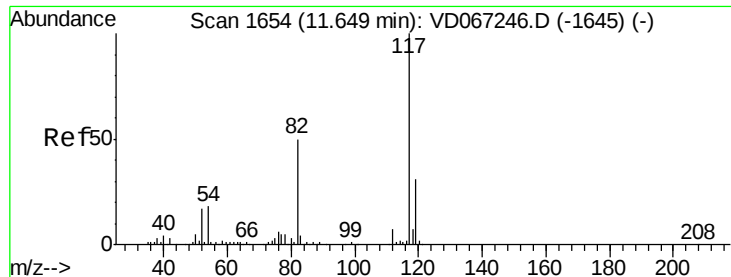
Ion Ratio Lower Upper

95 100

174 90.4 0.0 175.2

176 87.9 0.0 168.6

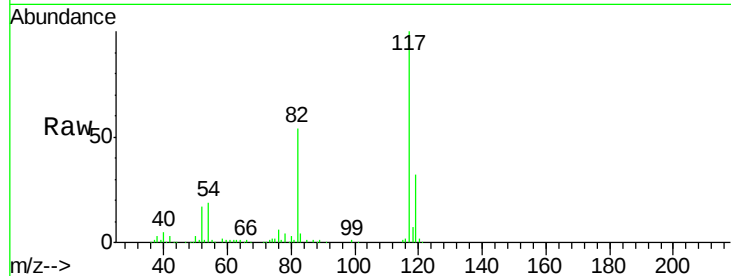




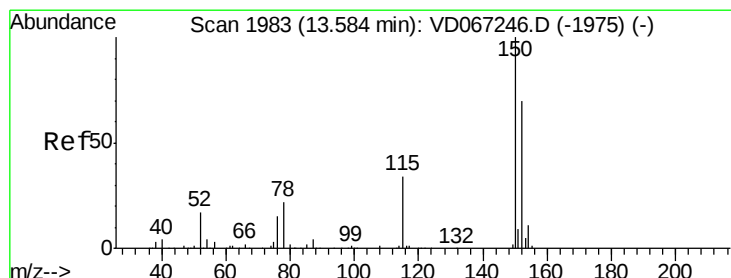
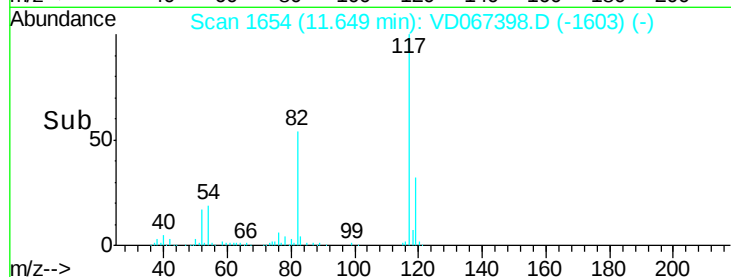
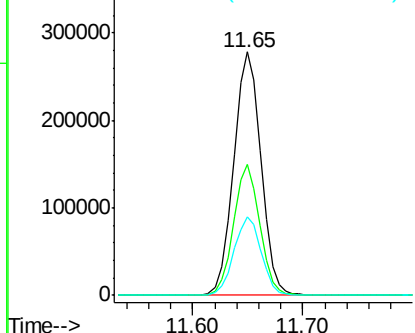
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067398.D
Acq: 26 Oct 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VOC-11

Tot Ion:117 Resp: 482572
Ion Ratio Lower Upper
117 100
82 53.6 39.9 59.9
119 32.2 24.9 37.3

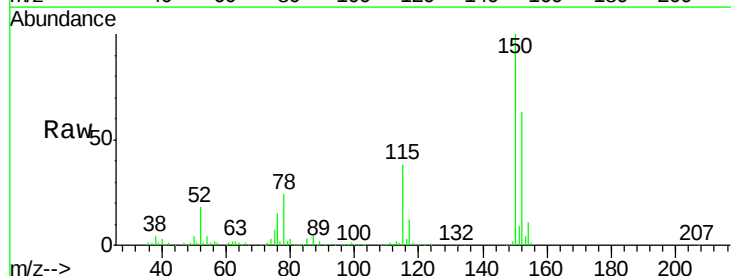


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067398.D
Acq: 26 Oct 2020 17:53

Tgt Ion:152 Resp: 235669
Ion Ratio Lower Upper
152 100
115 60.0 29.3 87.9
150 157.6 0.0 339.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

