

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100318\
 Data File : VD060115.D
 Acq On : 3 Oct 2018 13:29
 Operator : VA/AP
 Sample : VD1003SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1003SBL01

Quant Time: Oct 04 04:43:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

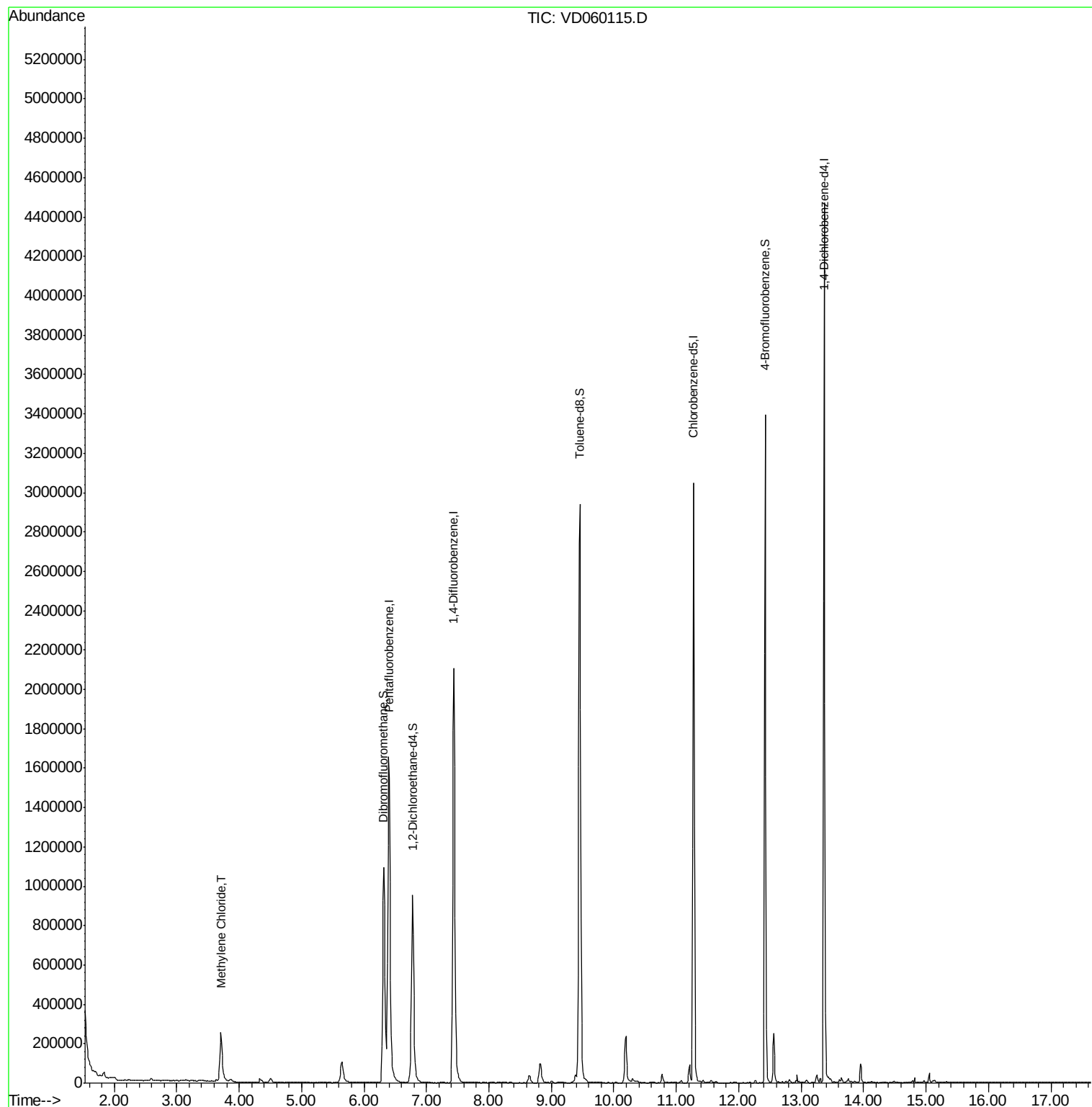
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1645294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	2238857	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1822112	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	1004344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	680779	54.59	ug/l	0.02
Spiked Amount 50.000			Recovery	=	109.18%	
35) Dibromofluoromethane	6.32	113	862498	50.73	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	9.45	98	2452242	50.58	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.43	95	944296	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
Target Compounds						
20) Methylene Chloride	3.71	84	145795	4.250	ug/l	98

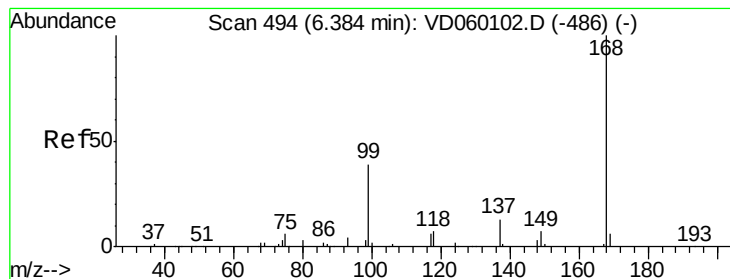
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060115.D

Acq: 3 Oct 2018 13:29

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MSVOA_D

ClientSampleId :

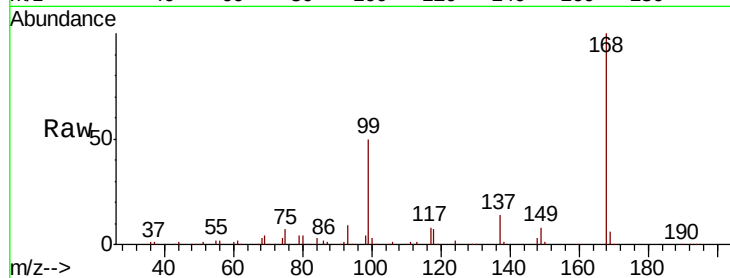
VD1003SBL01

Tot Ion:168 Resp: 1645294

Ion Ratio Lower Upper

168 100

99 49.6 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

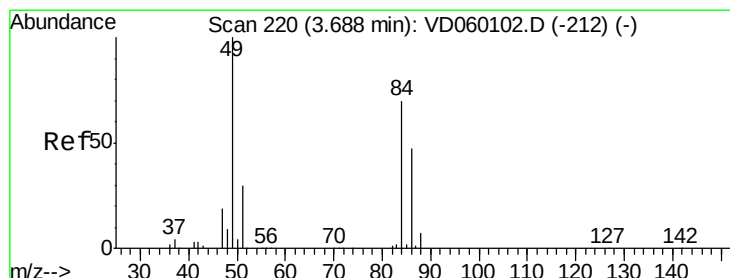
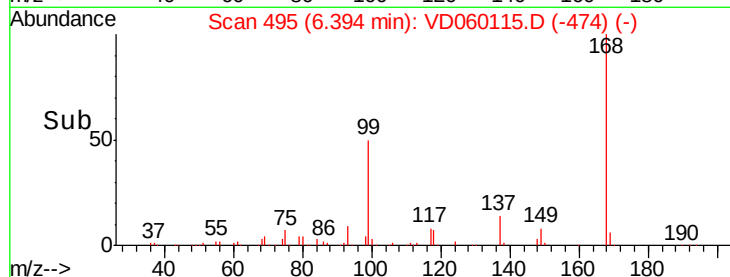
600000

400000

200000

0

Time-->



#20

Methylene Chloride

Concen: 4.250 ug/l

RT: 3.71 min Scan# 222

Delta R.T. 0.02 min

Lab File: VD060115.D

Acq: 3 Oct 2018 13:29

Tgt Ion: 84 Resp: 145795

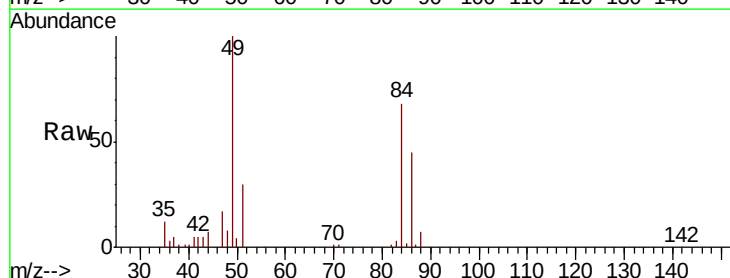
Ion Ratio Lower Upper

84 100

49 146.2 114.6 172.0

51 44.1 33.8 50.8

86 65.1 53.3 79.9



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

120000

100000

80000

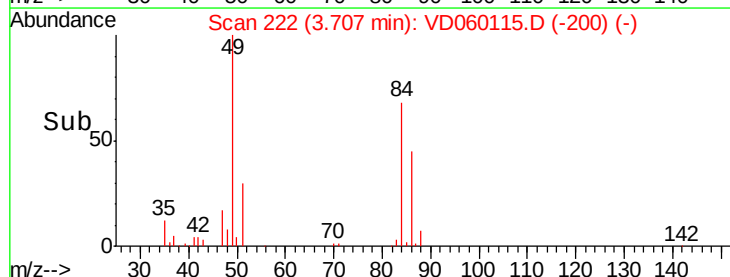
60000

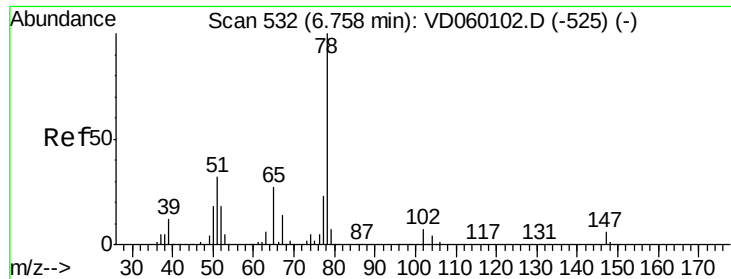
40000

20000

0

Time-->

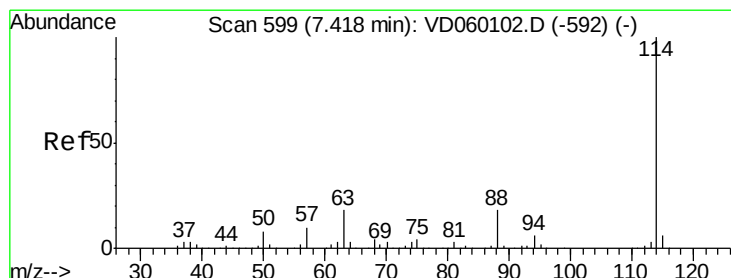
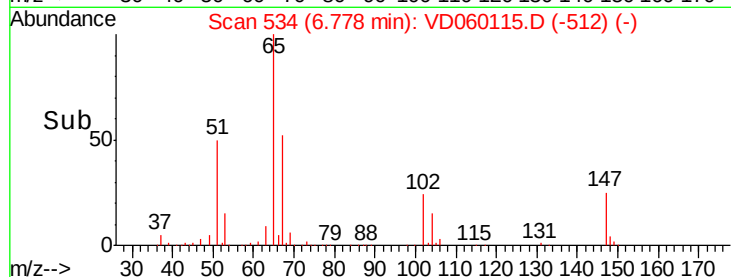
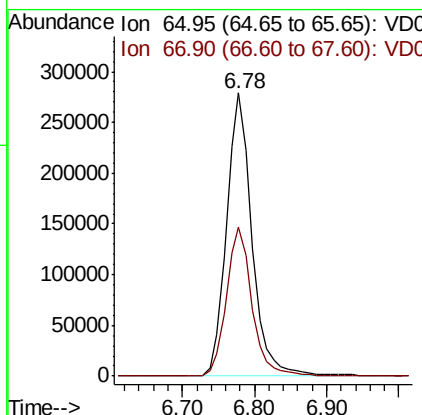
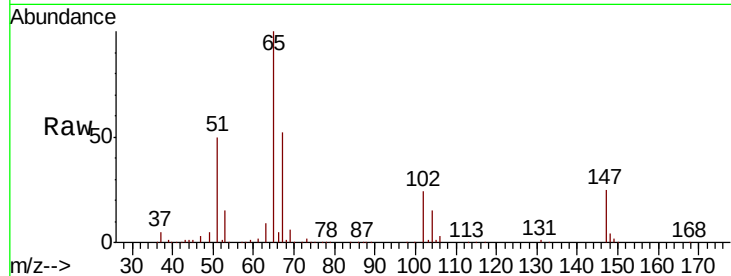




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VD060115.D
 Acq: 3 Oct 2018 13:29

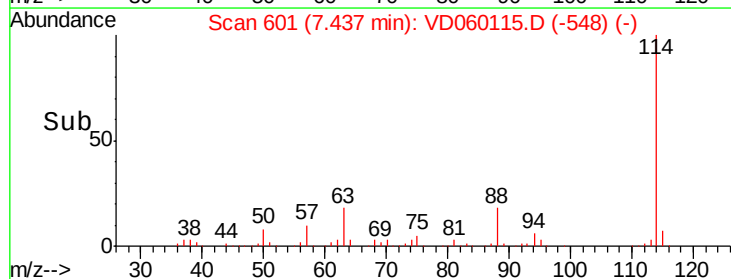
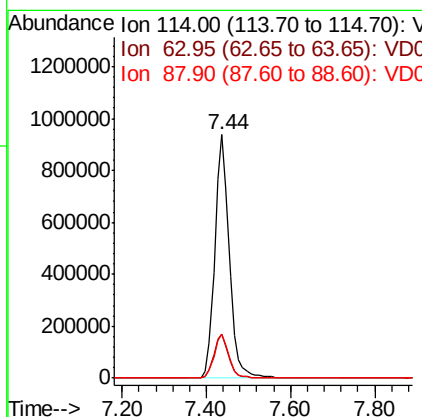
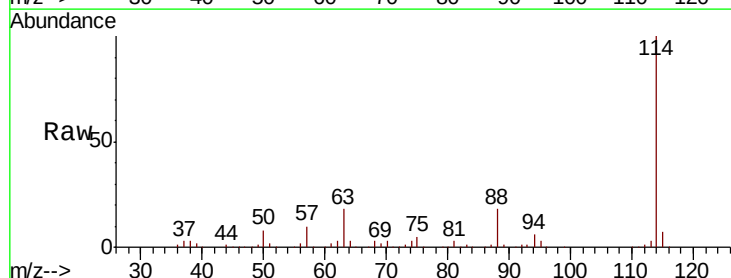
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1003SBL01

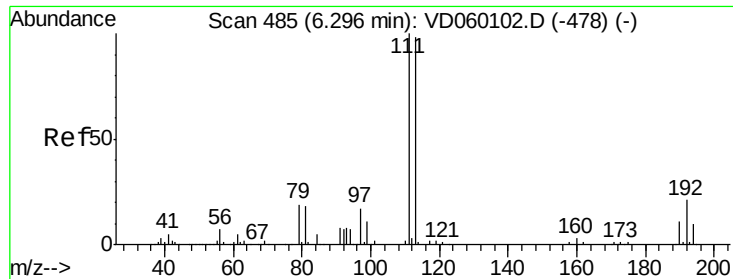
Tot Ion: 65 Resp: 680779
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060115.D
 Acq: 3 Oct 2018 13:29

Tgt Ion: 114 Resp: 2238857
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.0
 88 18.1 0.0 36.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.32 min Scan# 487

Delta R.T. 0.02 min

Lab File: VD060115.D

Acq: 3 Oct 2018 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD1003SBL01

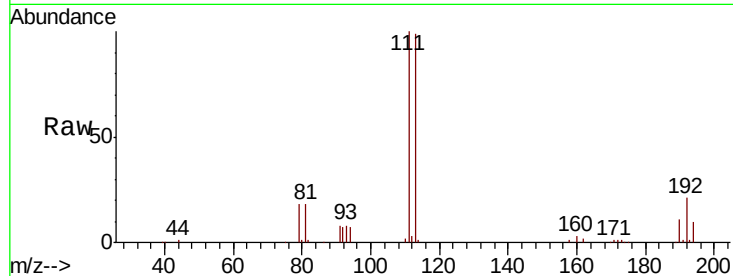
Tot Ion:113 Resp: 862498

Ion Ratio Lower Upper

113 100

111 101.1 81.5 122.3

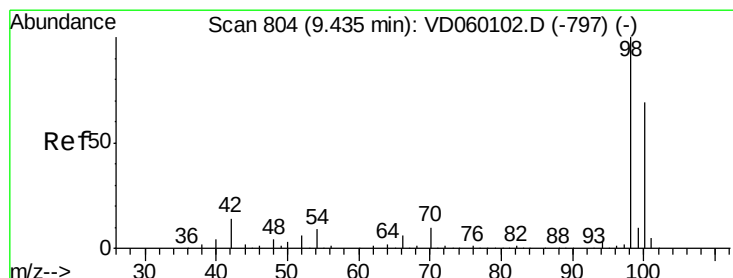
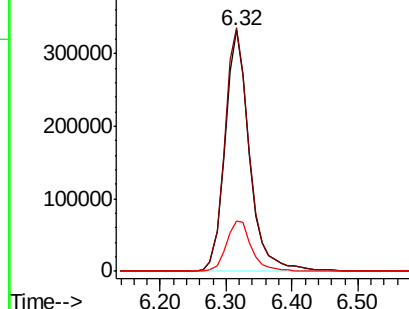
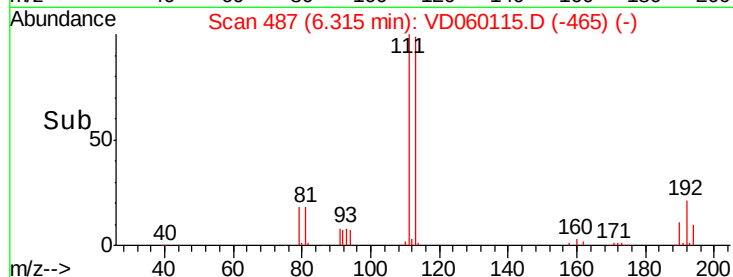
192 21.2 17.4 26.0



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 806

Delta R.T. 0.02 min

Lab File: VD060115.D

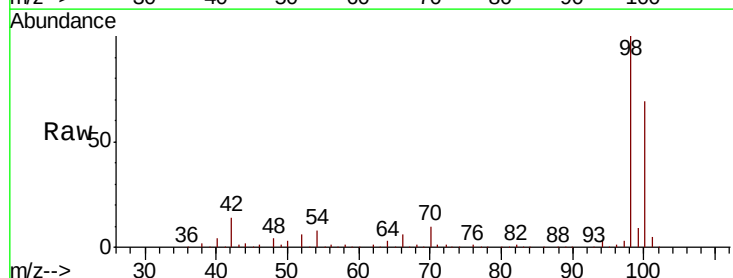
Acq: 3 Oct 2018 13:29

Tgt Ion: 98 Resp: 2452242

Ion Ratio Lower Upper

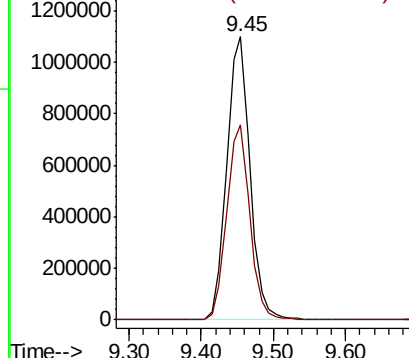
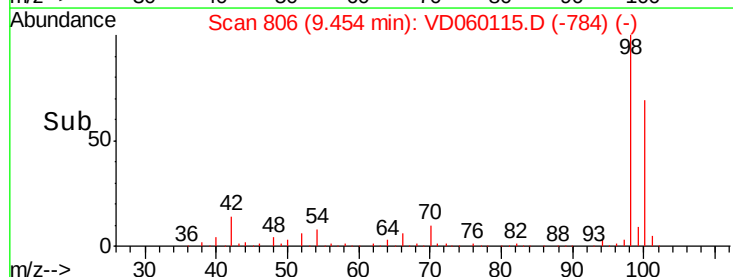
98 100

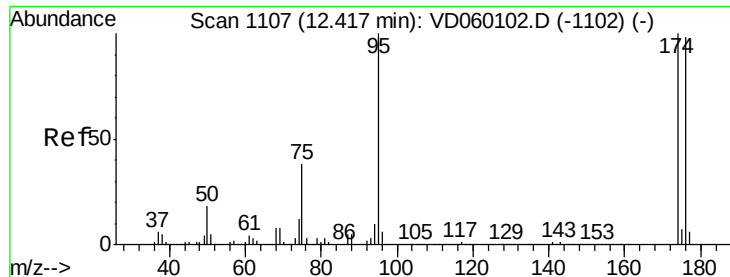
100 68.9 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060115.D

Acq: 3 Oct 2018 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD1003SBL01

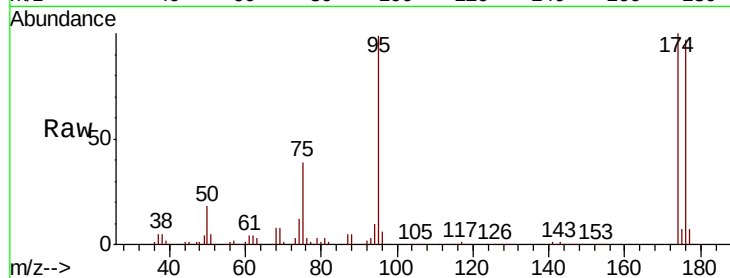
Tot Ion: 95 Resp: 944296

Ion Ratio Lower Upper

95 100

174 100.8 0.0 200.2

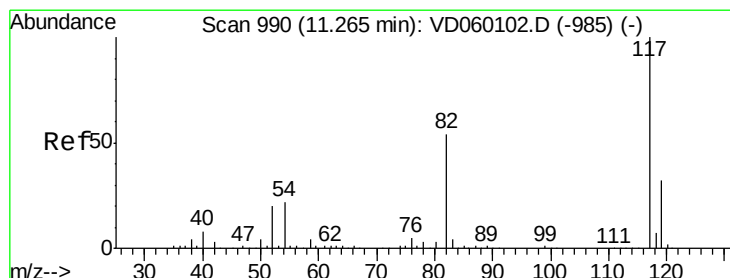
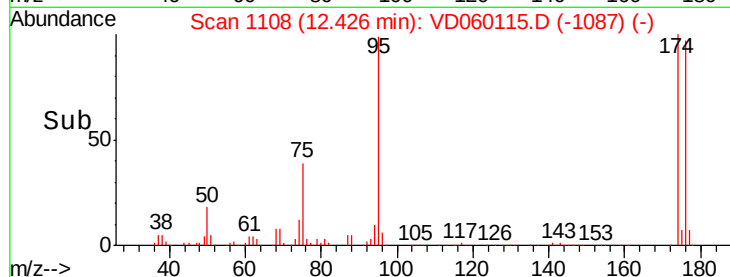
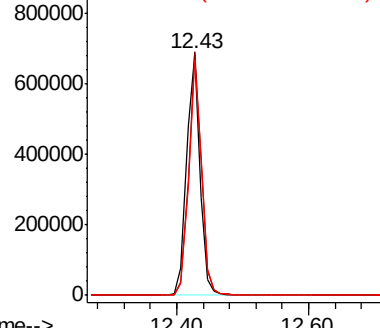
176 97.7 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060115.D

Acq: 3 Oct 2018 13:29

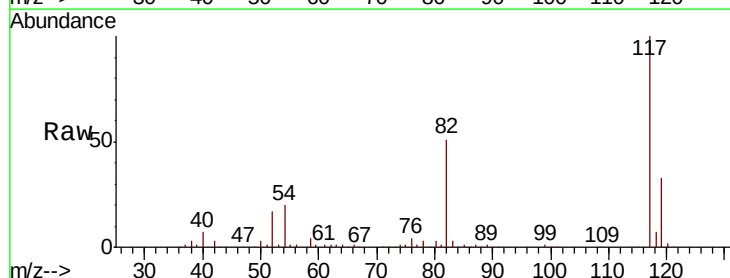
Tgt Ion: 117 Resp: 1822112

Ion Ratio Lower Upper

117 100

82 50.8 43.4 65.2

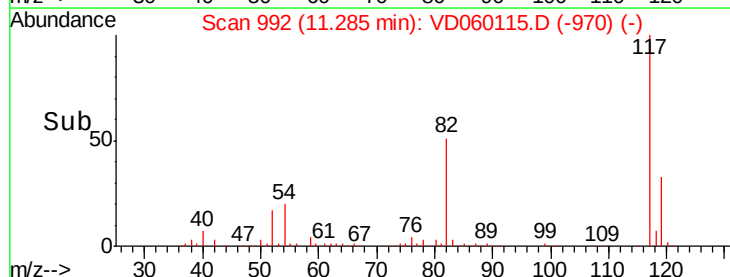
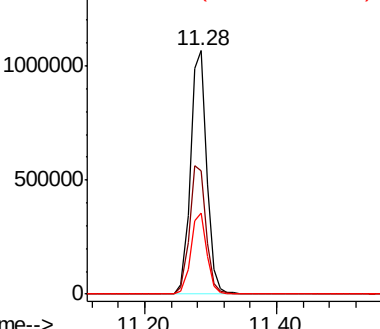
119 33.1 26.0 39.0

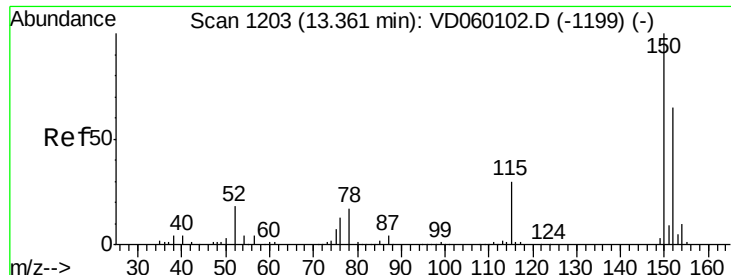


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060115.D

Acq: 3 Oct 2018 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD1003SBL01

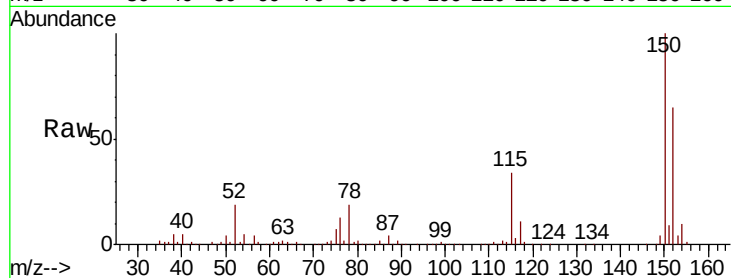
Tot Ion:152 Resp: 1004344

Ion Ratio Lower Upper

152 100

115 51.9 27.1 81.2

150 153.4 0.0 311.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

