

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110118\
 Data File : VD060271.D
 Acq On : 1 Nov 2018 19:26
 Operator : VA/AP
 Sample : J5192-05
 Misc : 5.64g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-103118-A

Quant Time: Nov 02 02:09:20 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

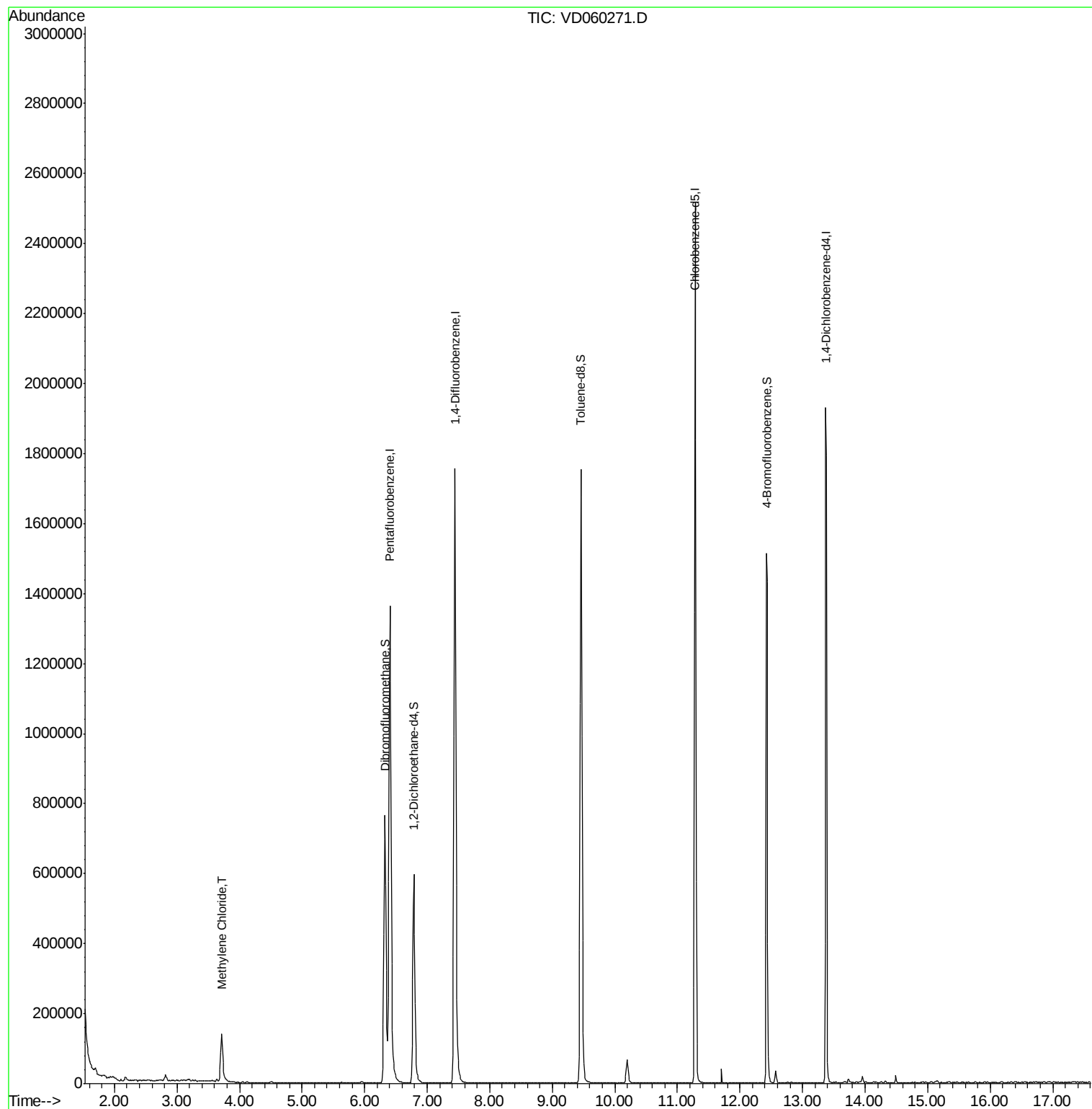
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1316215	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	1875546	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	1344055	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	484300	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	472189	47.33	ug/l	0.03
Spiked Amount 50.000			Recovery	=	94.66%	
35) Dibromofluoromethane	6.32	113	593316	41.66	ug/l	0.03
Spiked Amount 50.000			Recovery	=	83.32%	
50) Toluene-d8	9.45	98	1454986	35.83	ug/l	0.02
Spiked Amount 50.000			Recovery	=	71.66%	
62) 4-Bromofluorobenzene	12.43	95	464928	30.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.14%	
Target Compounds						
20) Methylene Chloride	3.72	84	82059	1.595	ug/l	Qvalue 95

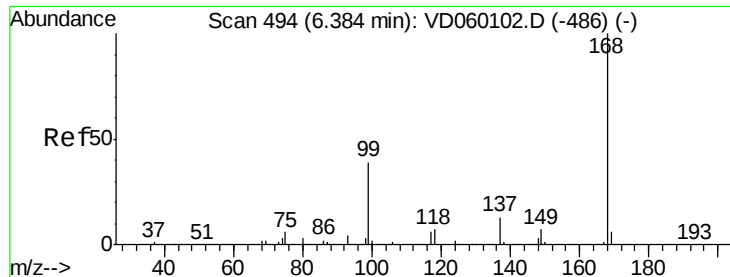
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060271.D

Acq: 1 Nov 2018 19:26

Instrument :

MSVOA_D

ClientSampleId :

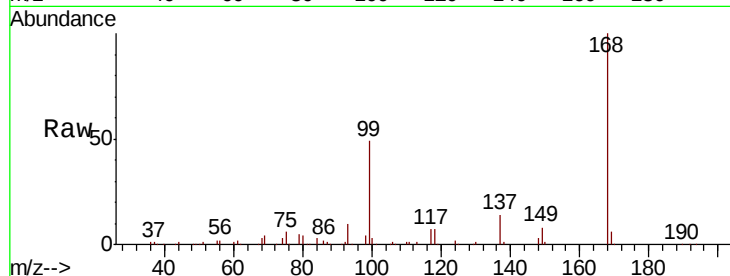
AU-05-103118-A

Tot Ion:168 Resp: 1316215

Ion Ratio Lower Upper

168 100

99 48.7 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

500000

400000

300000

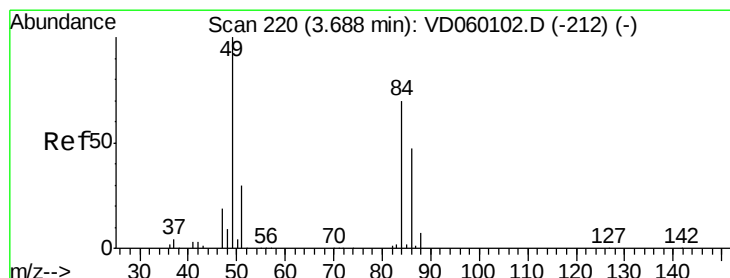
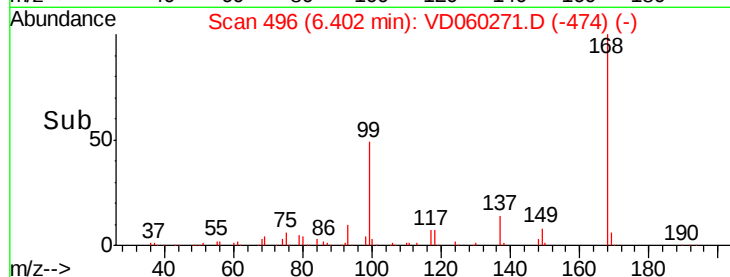
200000

100000

0

Time-->

6.30 6.40 6.50 6.60



#20

Methylene Chloride

Concen: 1.595 ug/l

RT: 3.72 min Scan# 223

Delta R.T. 0.03 min

Lab File: VD060271.D

Acq: 1 Nov 2018 19:26

Tgt Ion: 84 Resp: 82059

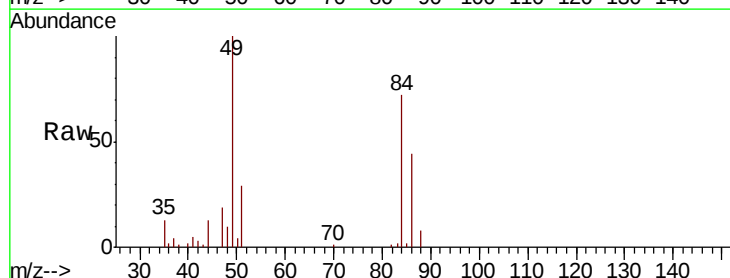
Ion Ratio Lower Upper

84 100

49 138.0 114.6 172.0

51 40.1 33.8 50.8

86 61.2 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

3.72

60000

50000

40000

30000

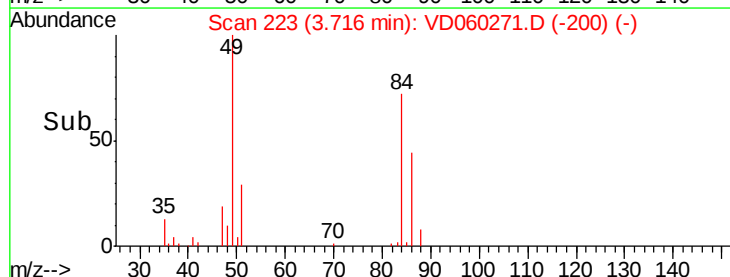
20000

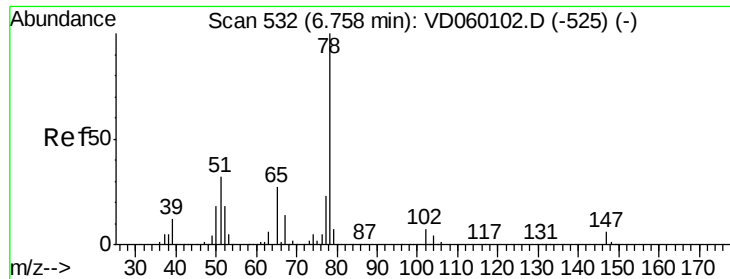
10000

0

Time-->

3.60 3.70 3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. 0.03 min

Lab File: VD060271.D

Acq: 1 Nov 2018 19:26

Instrument :

MSVOA_D

ClientSampleId :

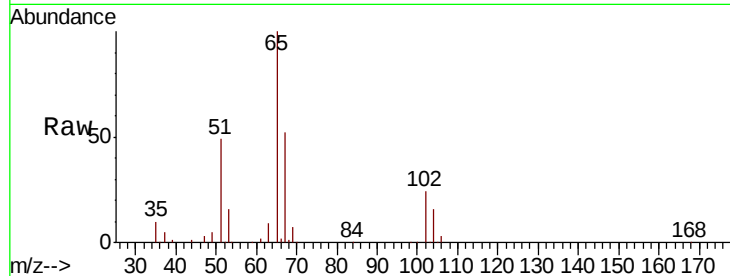
AU-05-103118-A

Tot Ion: 65 Resp: 472189

Ion Ratio Lower Upper

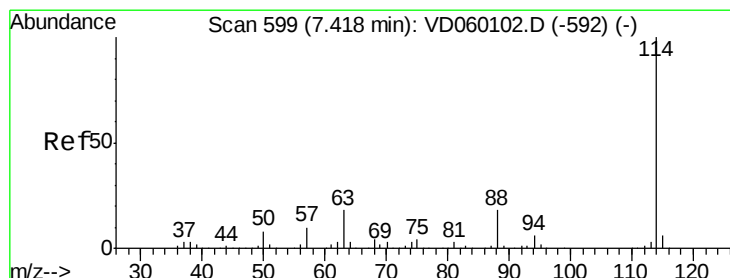
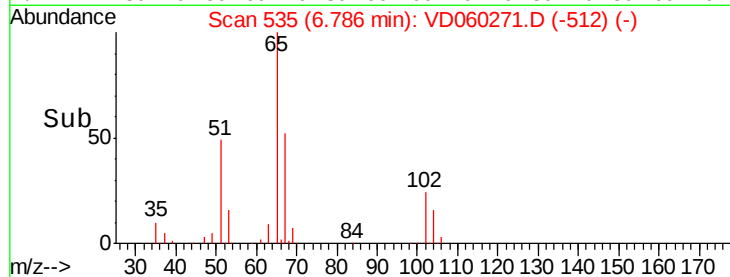
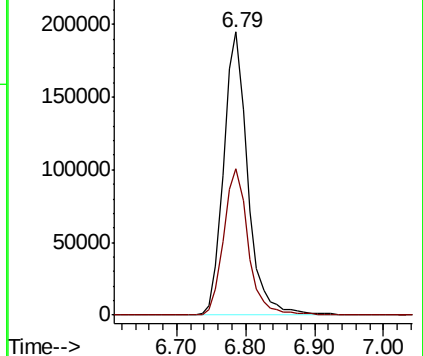
65 100

67 51.9 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.45 min Scan# 602

Delta R.T. 0.03 min

Lab File: VD060271.D

Acq: 1 Nov 2018 19:26

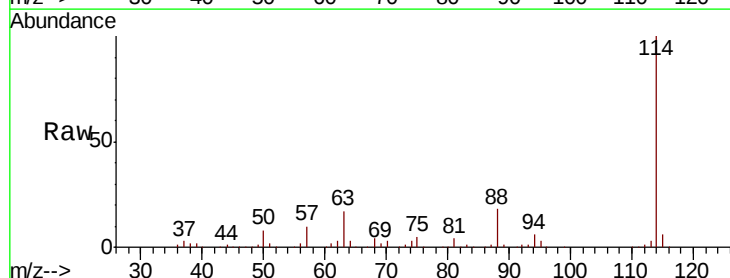
Tgt Ion: 114 Resp: 1875546

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.0

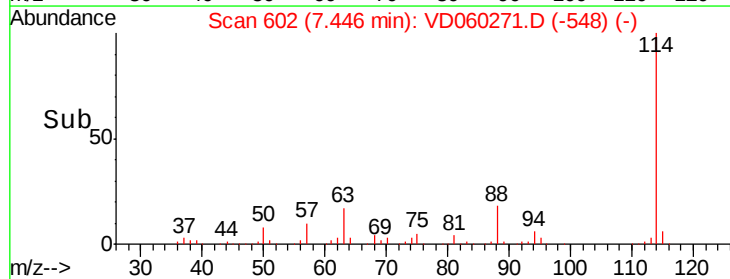
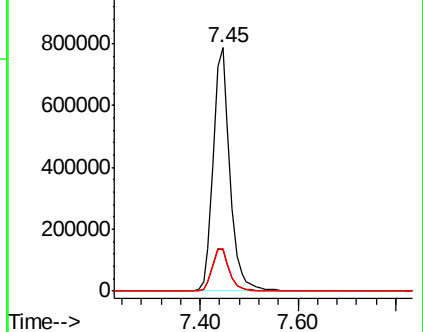
88 17.8 0.0 36.2

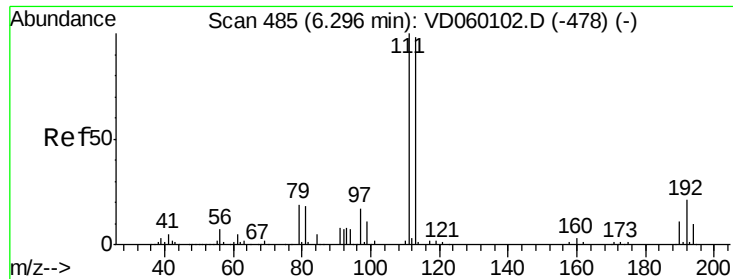


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

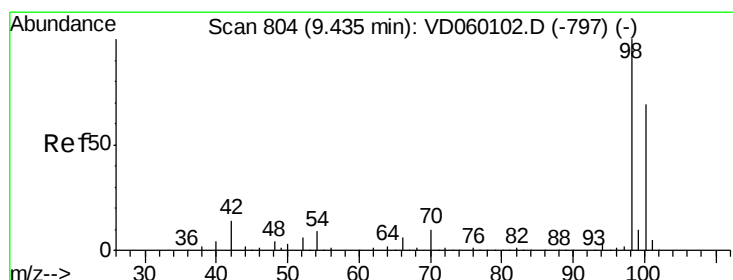
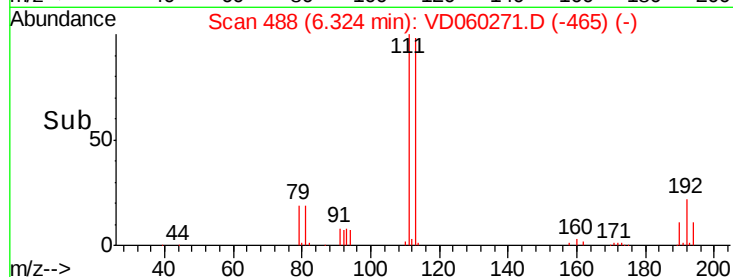
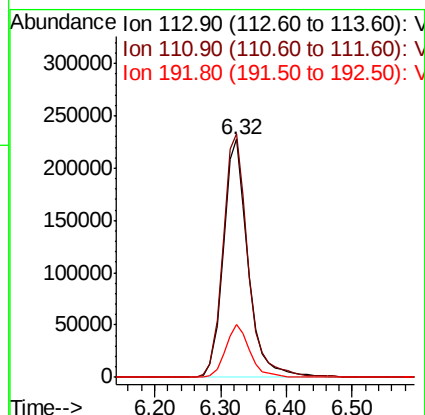
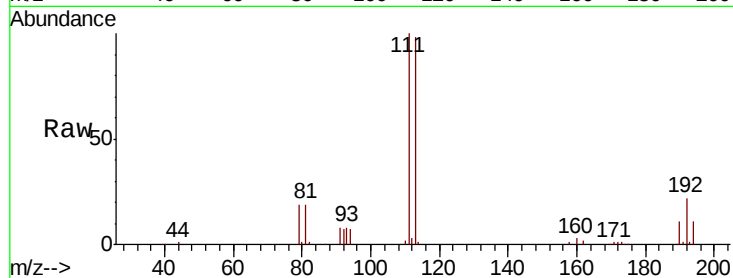




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060271.D
 Acq: 1 Nov 2018 19:26

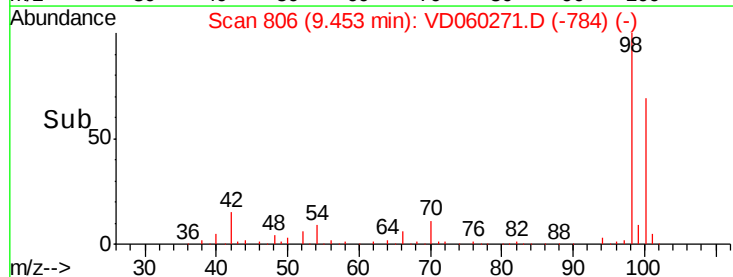
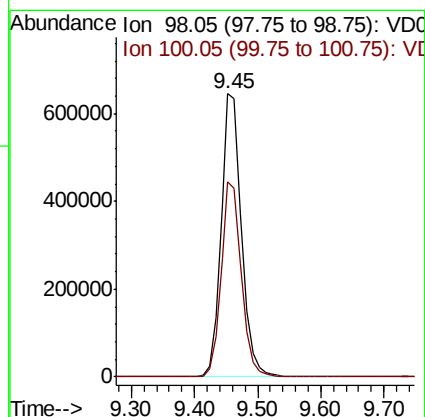
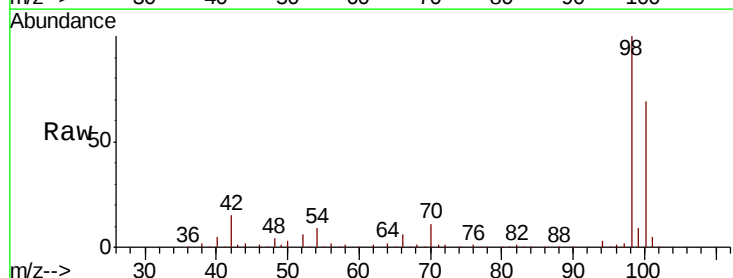
Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-103118-A

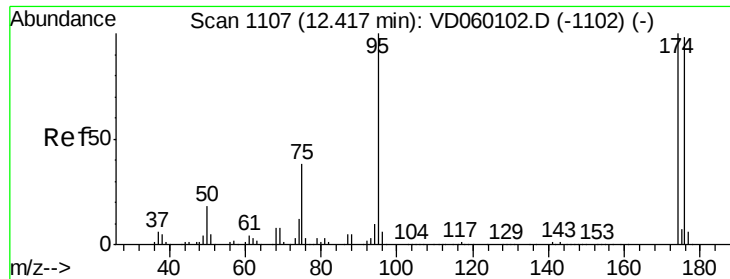
Tot Ion:113 Resp: 593316
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.5 122.3
 192 22.3 17.4 26.0



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.45 min Scan# 806
 Delta R.T. 0.02 min
 Lab File: VD060271.D
 Acq: 1 Nov 2018 19:26

Tgt Ion: 98 Resp: 1454986
 Ion Ratio Lower Upper
 98 100
 100 68.9 55.4 83.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060271.D

Acq: 1 Nov 2018 19:26

Instrument :

MSVOA_D

ClientSampleId :

AU-05-103118-A

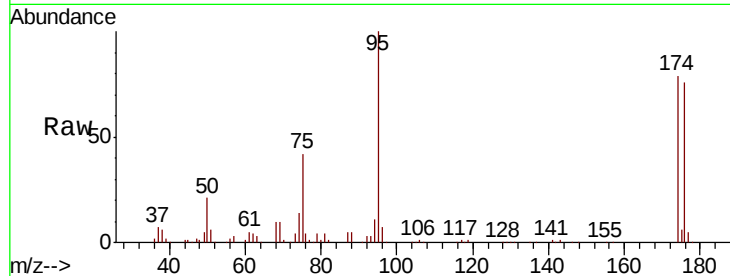
Tot Ion: 95 Resp: 464928

Ion Ratio Lower Upper

95 100

174 78.9 0.0 200.2

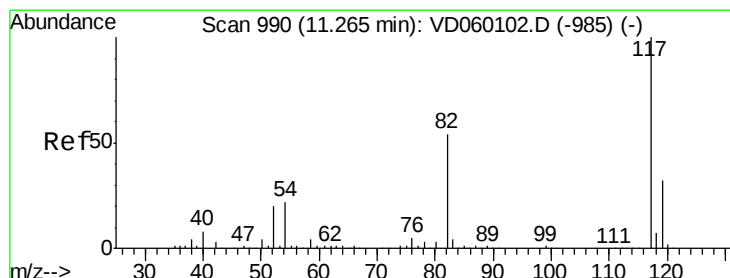
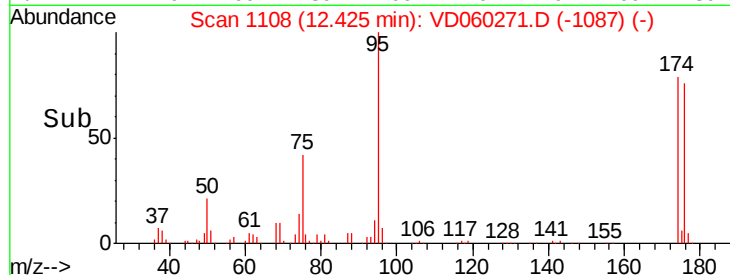
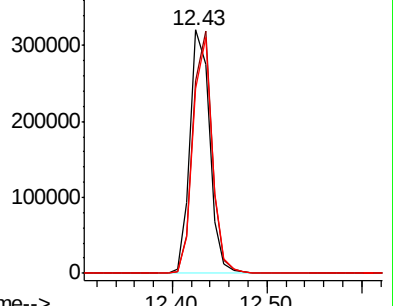
176 76.1 0.0 195.6



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: VD060271.D

Acq: 1 Nov 2018 19:26

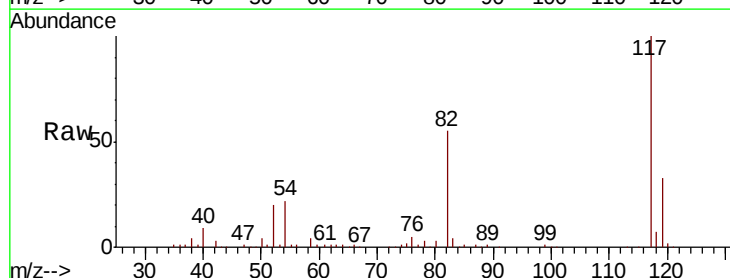
Tgt Ion: 117 Resp: 1344055

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.2

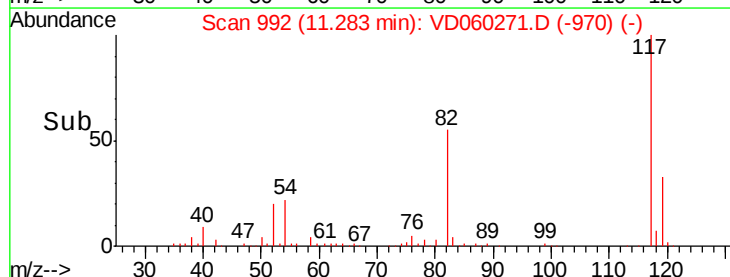
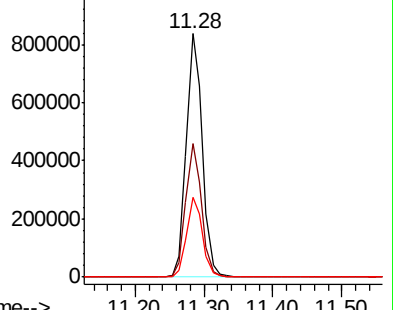
119 32.6 26.0 39.0

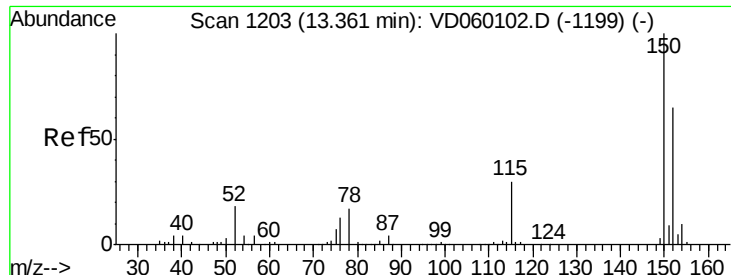


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.38 min Scan# 1205

Delta R.T. 0.02 min

Lab File: VD060271.D

Acq: 1 Nov 2018 19:26

Instrument :

MSVOA_D

ClientSampleId :

AU-05-103118-A

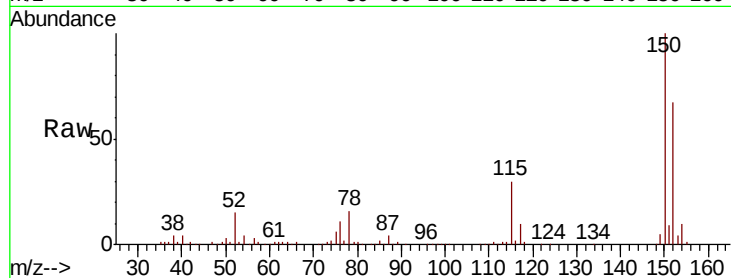
Tot Ion:152 Resp: 484300

Ion Ratio Lower Upper

152 100

115 45.6 27.1 81.2

150 149.9 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

