

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102918\
 Data File : VD060231.D
 Acq On : 29 Oct 2018 16:13
 Operator : VA/AP
 Sample : J5703-01
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-01-BASE

Quant Time: Oct 29 17:08:25 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	6.42	168	1199453	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	7.46	114	1902812	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.29	117	1215754	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.39	152	256659	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	668129	73.49	ug/l	0.05
Spiked Amount 50.000			Recovery	=	146.98%	
35) Dibromofluoromethane	6.34	113	844717	58.46	ug/l	0.05
Spiked Amount 50.000			Recovery	=	116.92%	
50) Toluene-d8	9.47	98	1861688	45.18	ug/l	0.04
Spiked Amount 50.000			Recovery	=	90.36%	
62) 4-Bromofluorobenzene	12.43	95	650788m	42.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.36%	

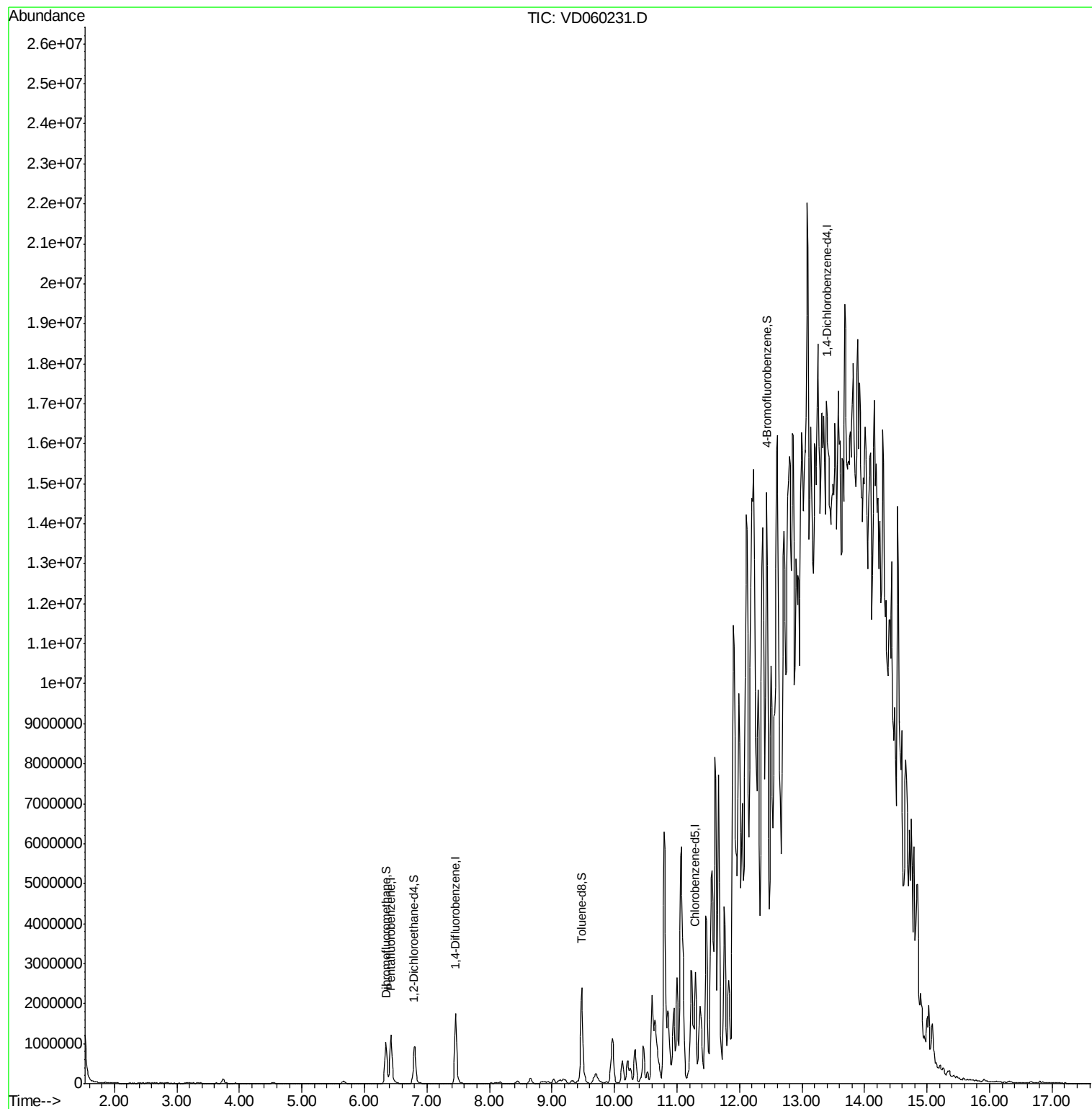
Target Compounds Qvalue

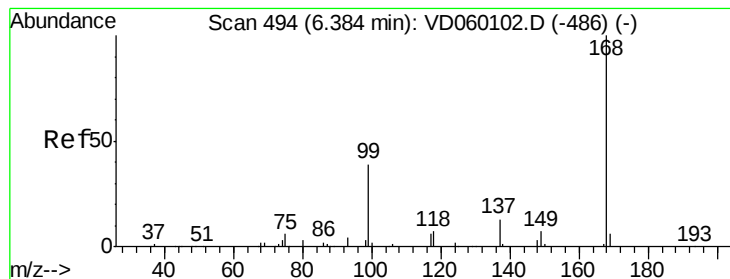
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102918\
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 498

Delta R.T. 0.04 min

Lab File: VD060231.D

Acq: 29 Oct 2018 16:13

Instrument :

MSVOA_D

ClientSampleId :

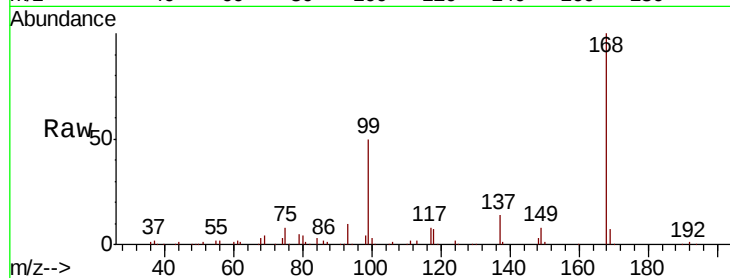
TRENCH-01-BASE

Tot Ion:168 Resp: 1199453

Ion Ratio Lower Upper

168 100

99 49.9 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

400000

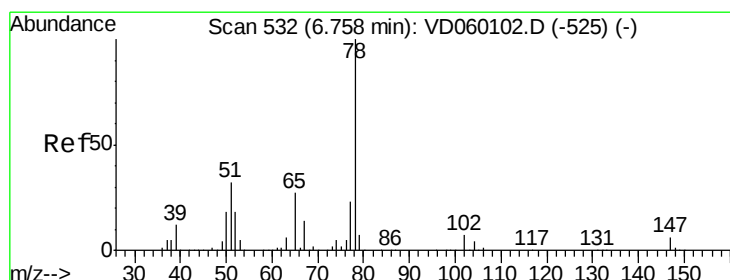
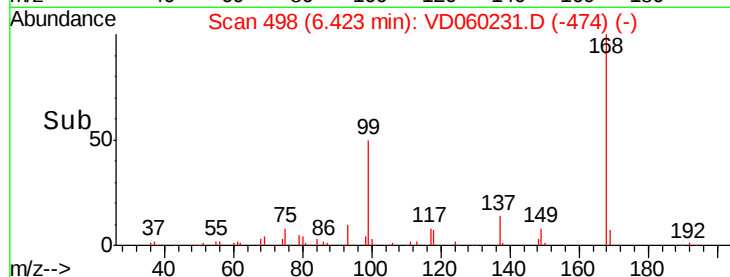
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.81 min Scan# 537

Delta R.T. 0.05 min

Lab File: VD060231.D

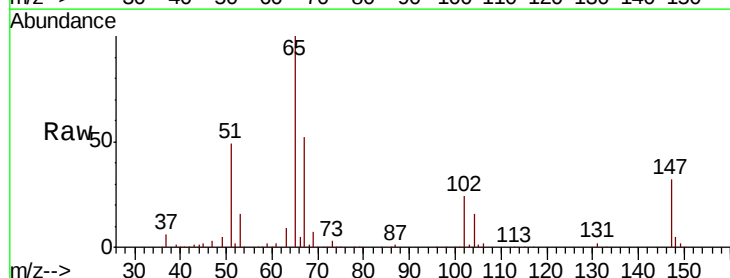
Acq: 29 Oct 2018 16:13

Tgt Ion: 65 Resp: 668129

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.81

300000

250000

200000

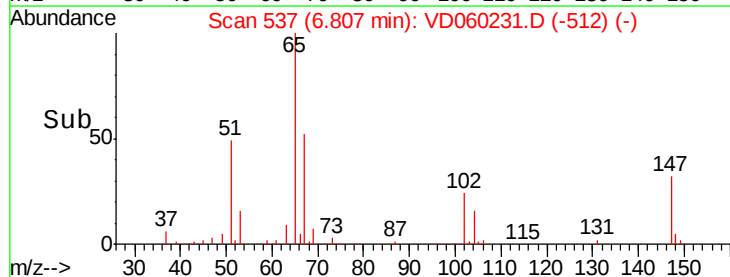
150000

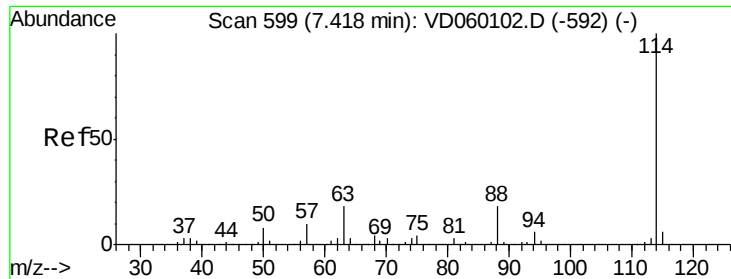
100000

50000

0

Time-->

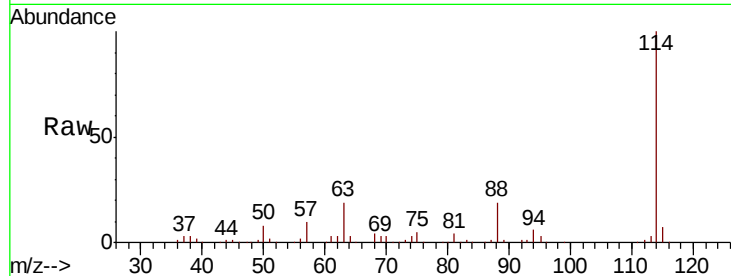




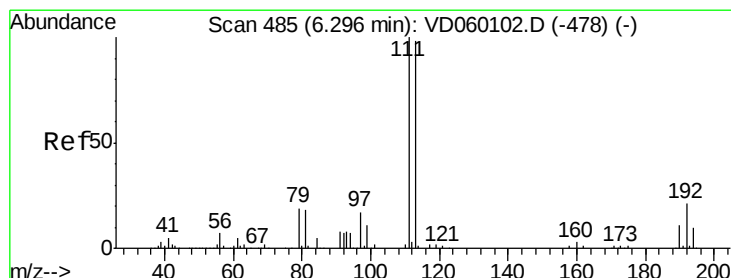
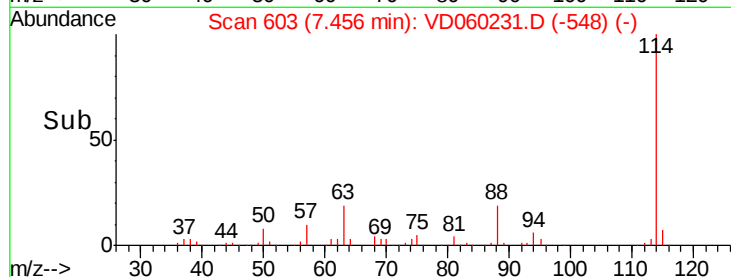
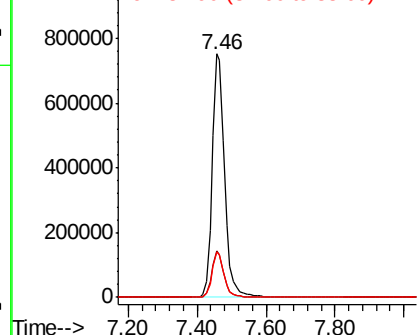
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.04 min
 Lab File: VD060231.D
 Acq: 29 Oct 2018 16:13

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-01-BASE

Tot Ion:114 Resp: 1902812
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 36.0
 88 18.7 0.0 36.2

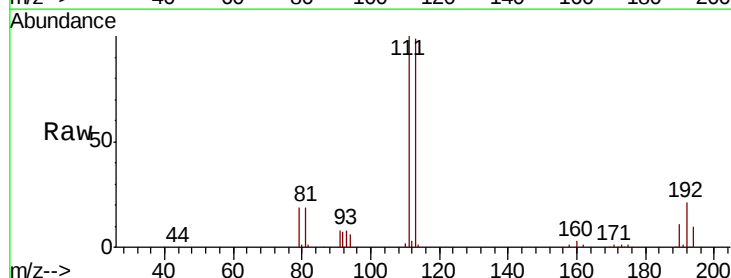


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

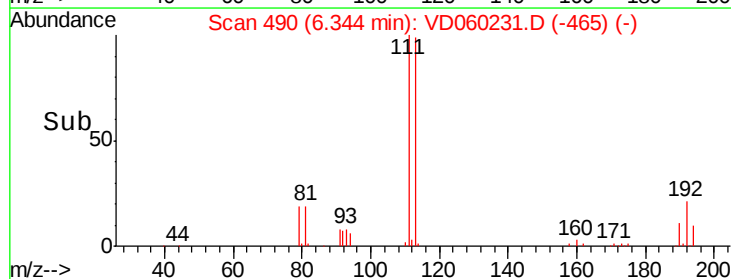
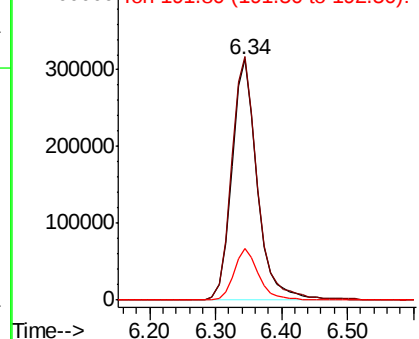


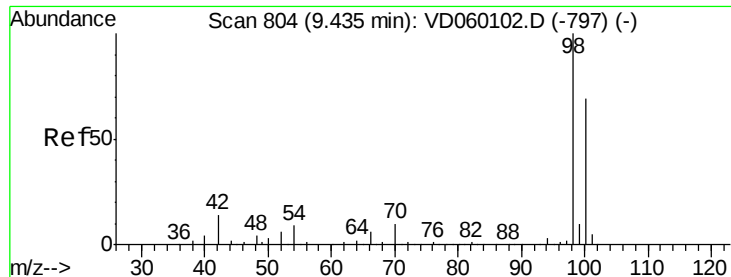
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 490
 Delta R.T. 0.05 min
 Lab File: VD060231.D
 Acq: 29 Oct 2018 16:13

Tgt Ion:113 Resp: 844717
 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: 9.47 min Scan# 808

Delta R.T. 0.04 min

Lab File: VD060231.D

Acq: 29 Oct 2018 16:13

Instrument :

MSVOA_D

ClientSampleId :

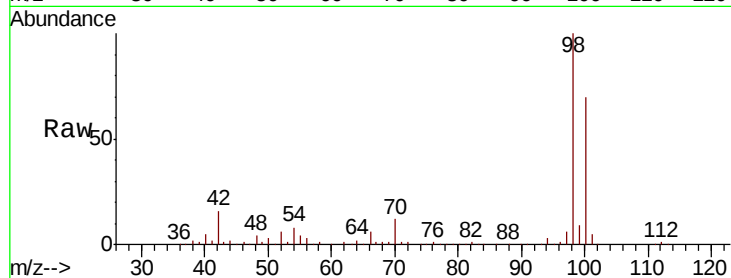
TRENCH-01-BASE

Tot Ion: 98 Resp: 1861688

Ion Ratio Lower Upper

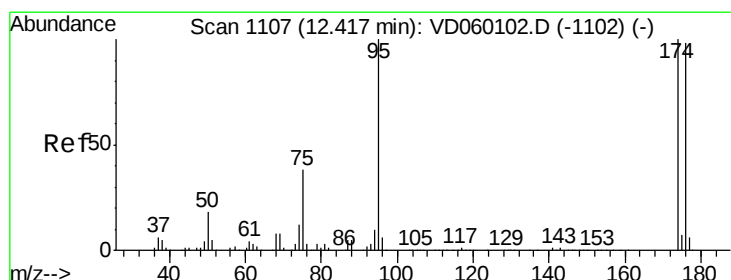
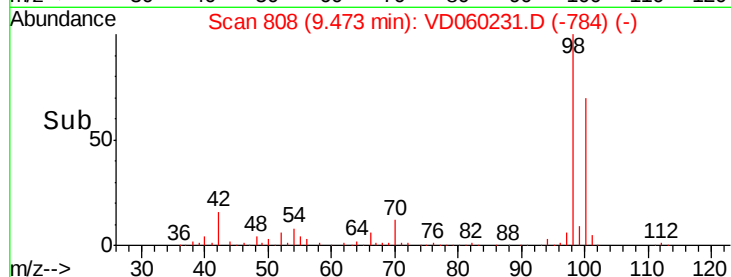
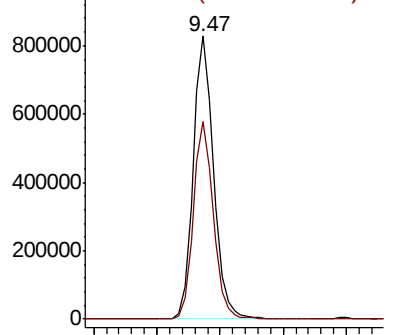
98 100

100 69.6 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: Below ug/l m

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060231.D

Acq: 29 Oct 2018 16:13

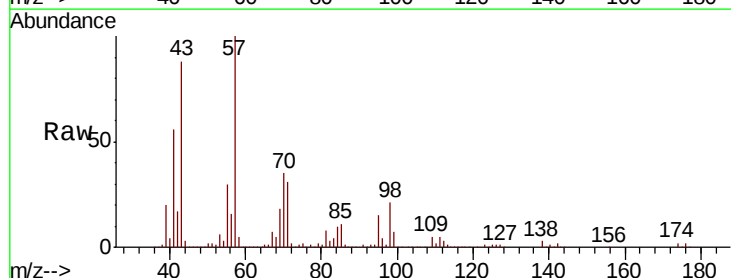
Tgt Ion: 95 Resp: 650788

Ion Ratio Lower Upper

95 100

174 13.4 0.0 200.2

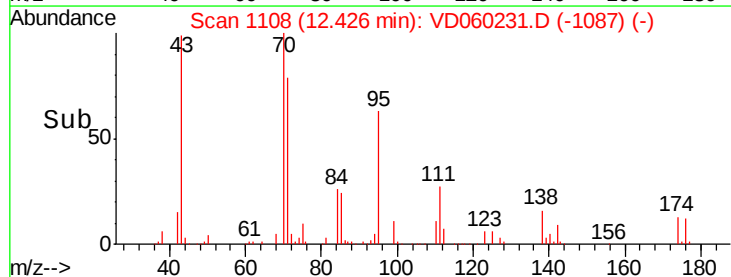
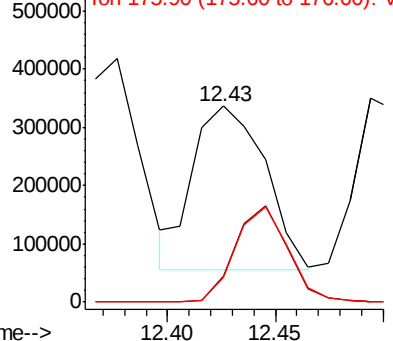
176 12.4 0.0 195.6

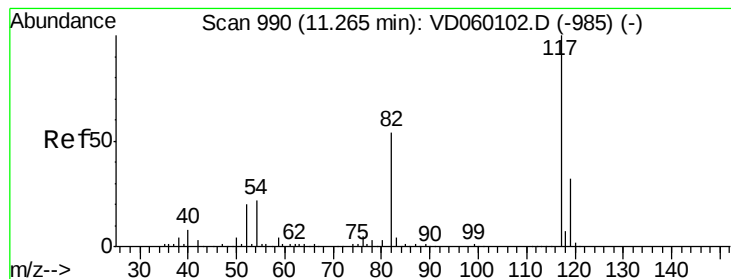


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.29 min Scan# 993

Delta R.T. 0.03 min

Lab File: VD060231.D

Acq: 29 Oct 2018 16:13

Instrument :

MSVOA_D

ClientSampleId :

TRENCH-01-BASE

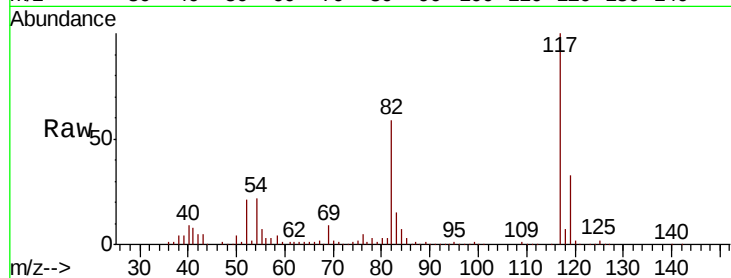
Tot Ion:117 Resp: 1215754

Ion Ratio Lower Upper

117 100

82 58.6 43.4 65.2

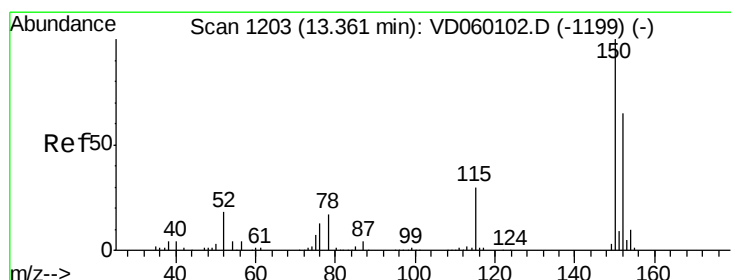
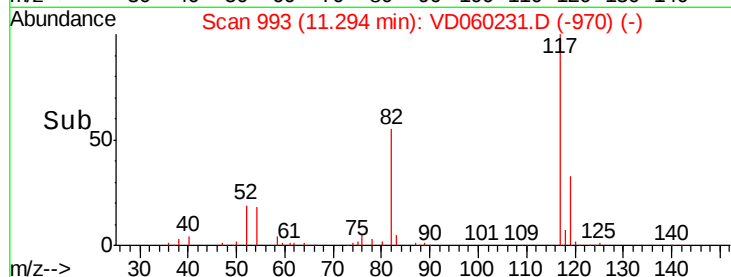
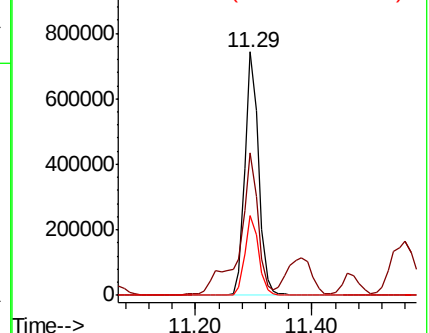
119 32.7 26.0 39.0



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: 13.39 min Scan# 1206

Delta R.T. 0.03 min

Lab File: VD060231.D

Acq: 29 Oct 2018 16:13

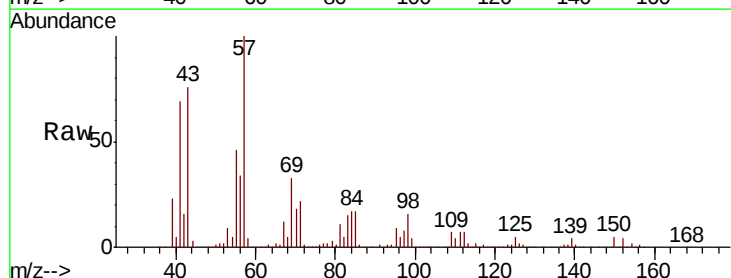
Tgt Ion:152 Resp: 256659

Ion Ratio Lower Upper

152 100

115 62.2 27.1 81.2

150 132.8 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

