

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102918\
 Data File : VD060234.D
 Acq On : 29 Oct 2018 17:37
 Operator : VA/AP
 Sample : J5703-01RE
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-01-BASERE

Quant Time: Oct 29 18:37:16 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	1119797	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	7.46	114	1762061	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.29	117	1226122	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.38	152	330102	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	637782	75.14	ug/l	0.04
Spiked Amount	50.000		Recovery	=	150.28%	
35) Dibromofluoromethane	6.34	113	779533	58.26	ug/l	0.04
Spiked Amount	50.000		Recovery	=	116.52%	
50) Toluene-d8	9.47	98	1887515	49.47	ug/l	0.04
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.44	95	634744m	44.43	ug/l	0.02
Spiked Amount	50.000		Recovery	=	88.86%	

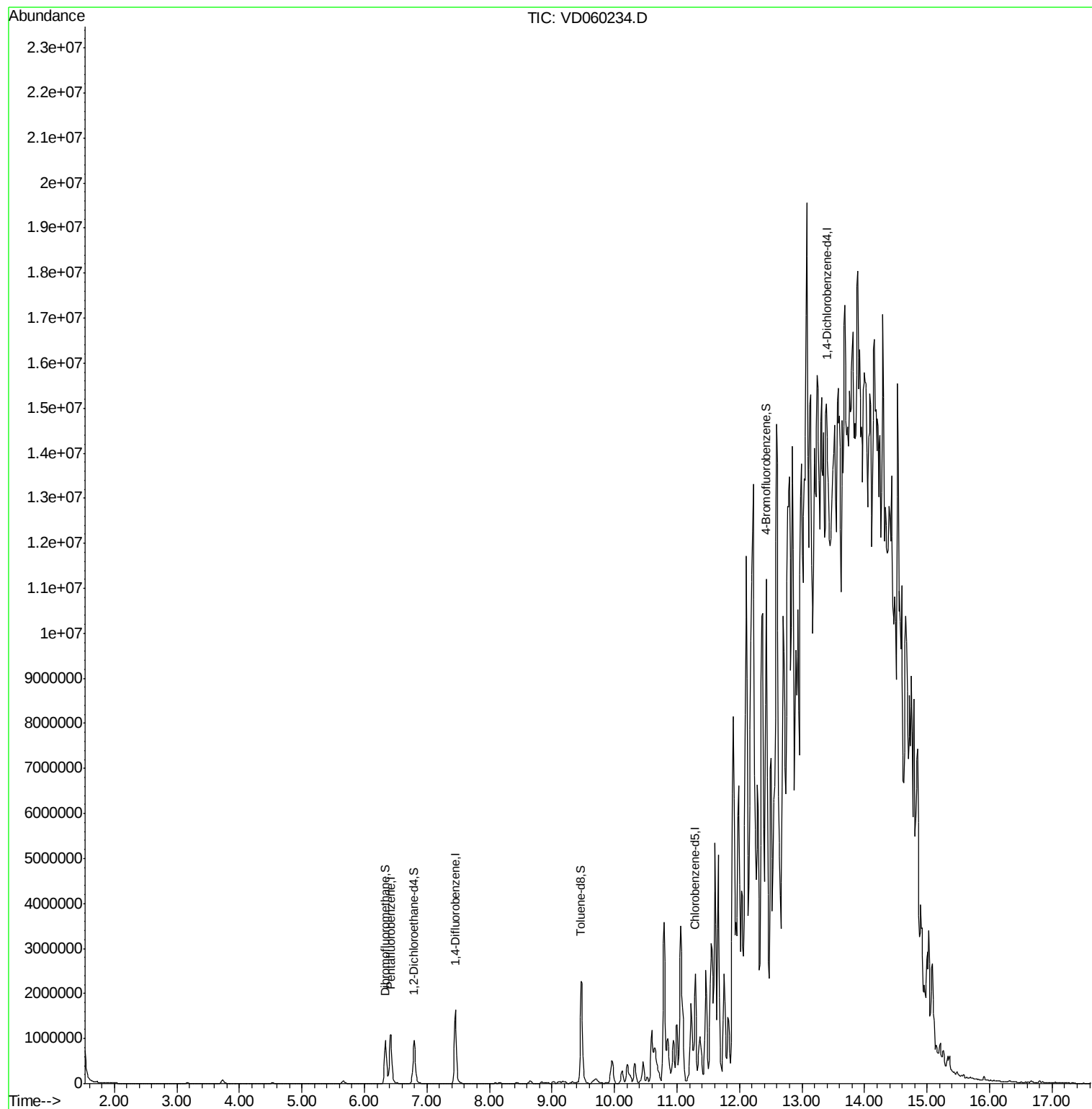
Target Compounds	Qvalue
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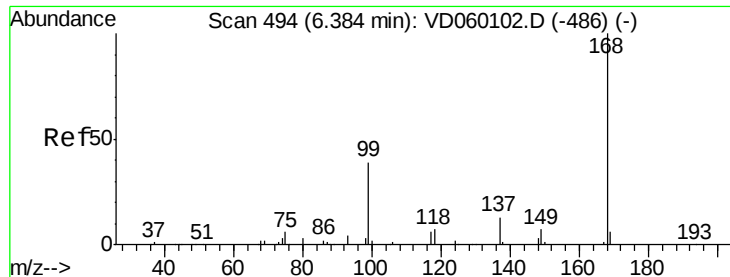
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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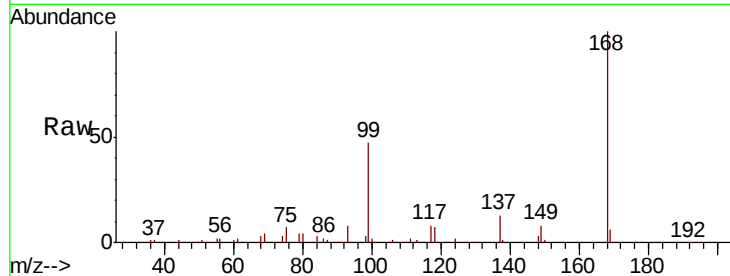


#1

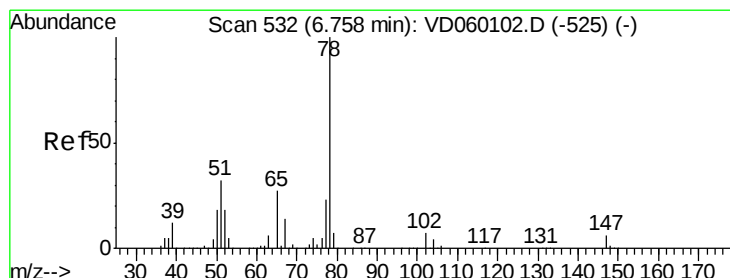
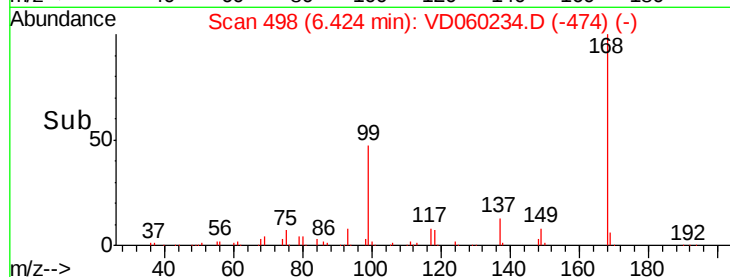
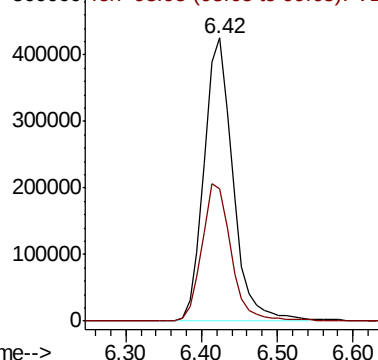
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 6.42 min Scan# 498
 Delta R.T. 0.04 min
 Lab File: VD060234.D
 Acq: 29 Oct 2018 17:37

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-01-BASERE

Tot Ion:168 Resp: 1119797
 Ion Ratio Lower Upper
 168 100
 99 46.8 35.4 53.0



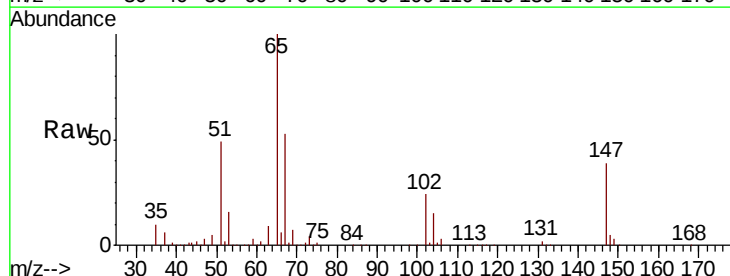
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



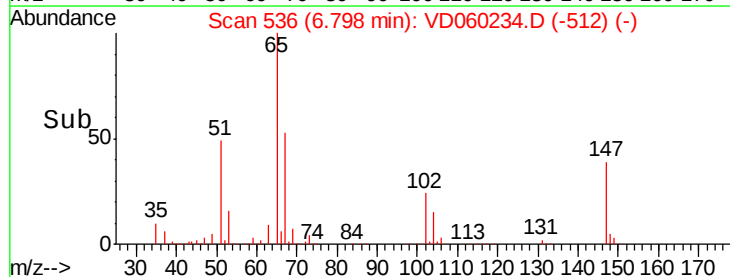
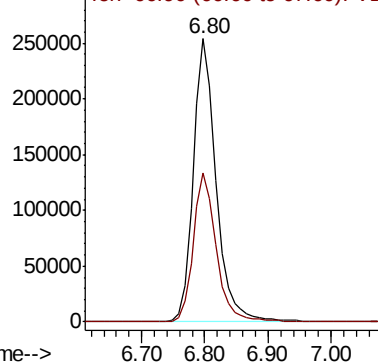
#33

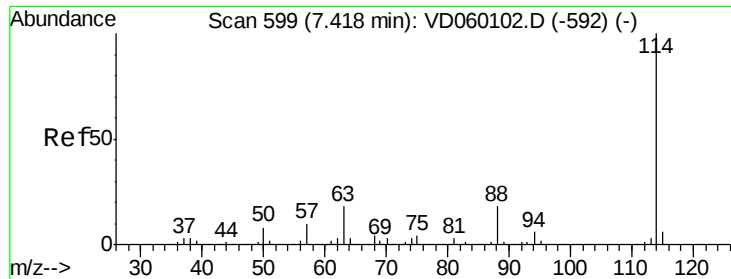
1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.80 min Scan# 536
 Delta R.T. 0.04 min
 Lab File: VD060234.D
 Acq: 29 Oct 2018 17:37

Tgt Ion: 65 Resp: 637782
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

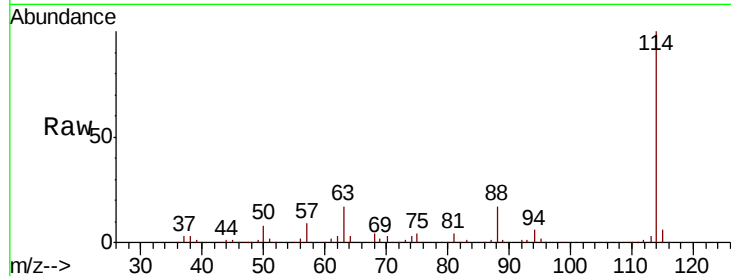




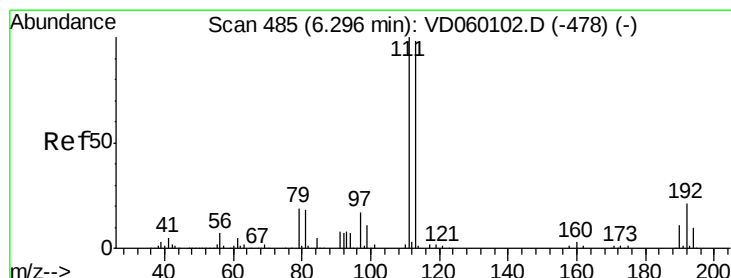
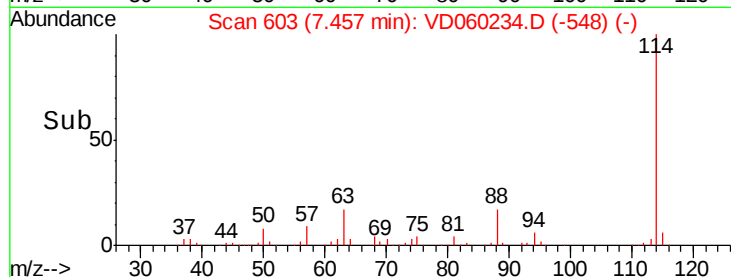
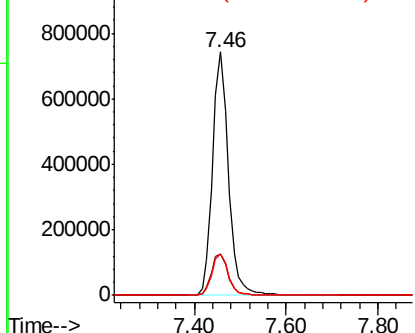
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.04 min
 Lab File: VD060234.D
 Acq: 29 Oct 2018 17:37

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-01-BASERE

Tot Ion:114 Resp: 1762061
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 36.0
 88 17.1 0.0 36.2

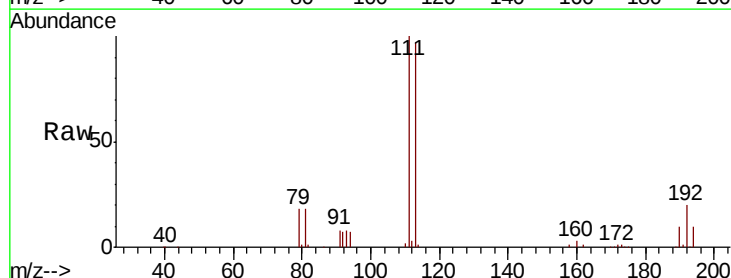


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

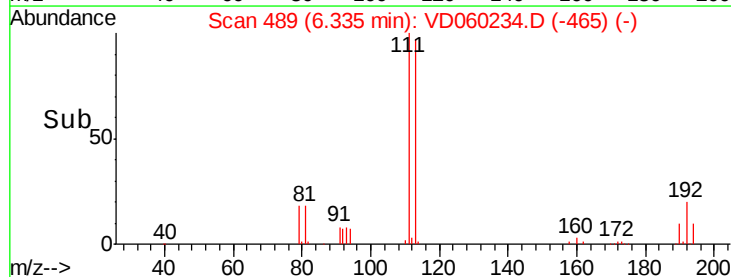
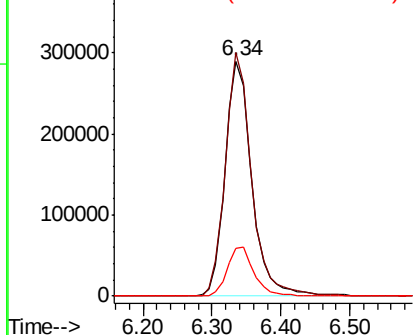


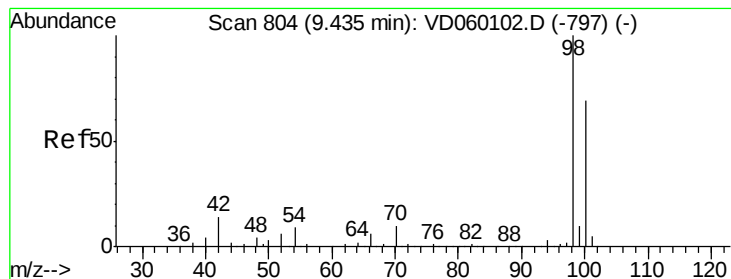
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 489
 Delta R.T. 0.04 min
 Lab File: VD060234.D
 Acq: 29 Oct 2018 17:37

Tgt Ion:113 Resp: 779533
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.5 122.3
 192 20.2 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: VD060234.D

Acq: 29 Oct 2018 17:37

Instrument :

MSVOA_D

ClientSampleId :

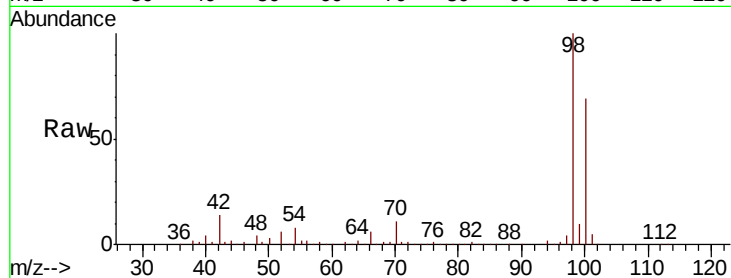
TRENCH-01-BASERE

Tot Ion: 98 Resp: 1887515

Ion Ratio Lower Upper

98 100

100 68.9 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)

Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

800000

600000

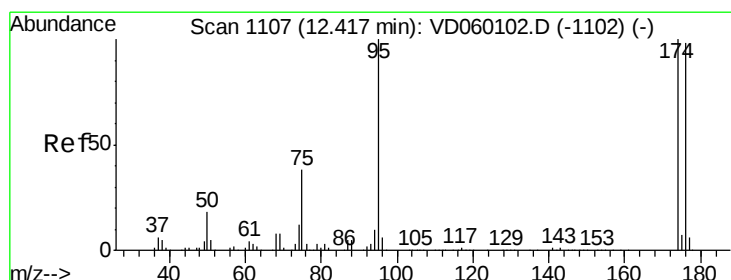
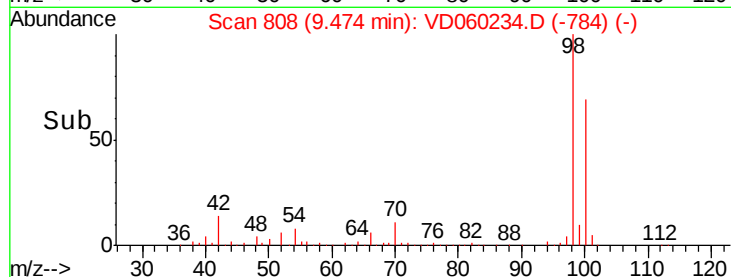
400000

200000

0

9.30 9.40 9.50 9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l m

RT: 12.44 min Scan# 1109

Delta R.T. 0.02 min

Lab File: VD060234.D

Acq: 29 Oct 2018 17:37

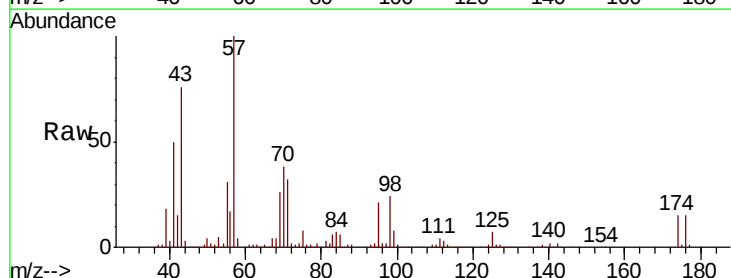
Tgt Ion: 95 Resp: 634744

Ion Ratio Lower Upper

95 100

174 70.1 0.0 200.2

176 69.5 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD060102.D (-1102) (-)

Ion 173.90 (173.60 to 174.60): VD060102.D (-1102) (-)

Ion 175.90 (175.60 to 176.60): VD060102.D (-1102) (-)

500000

400000

300000

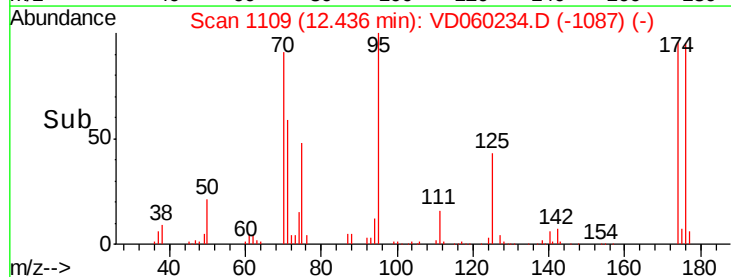
200000

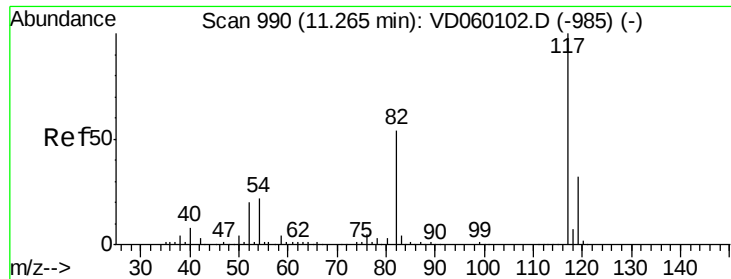
100000

0

12.40 12.45

Time-->

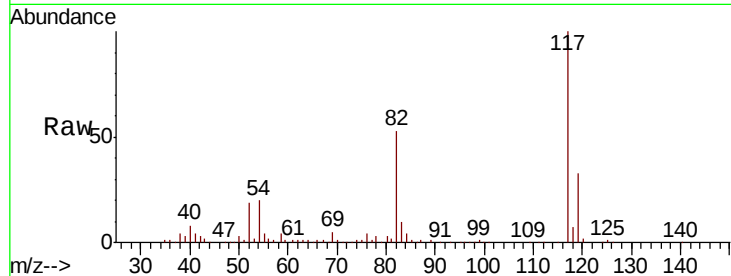




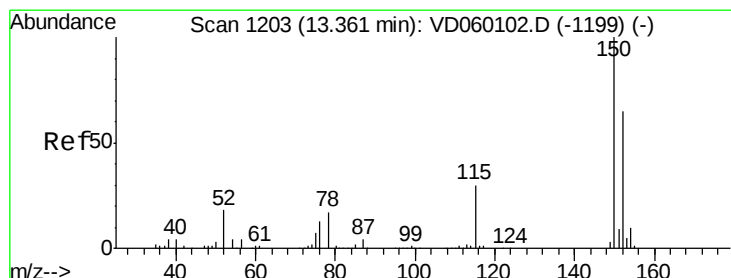
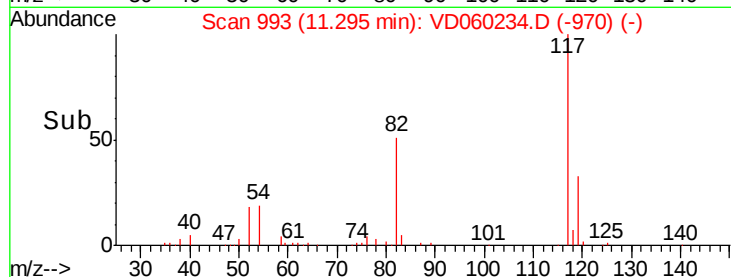
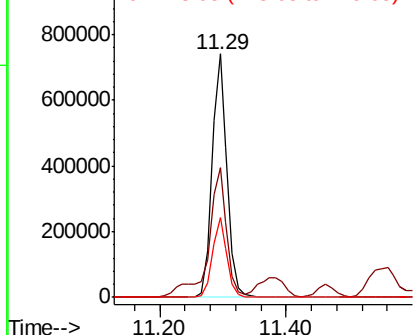
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.03 min
Lab File: VD060234.D
Acq: 29 Oct 2018 17:37

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-01-BASERE

Tot Ion:117 Resp: 1226122
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.2
119 33.0 26.0 39.0

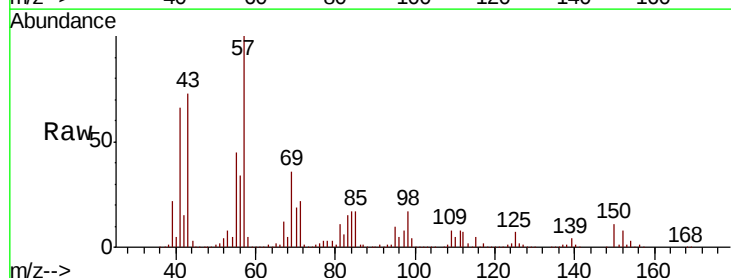


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.02 min
Lab File: VD060234.D
Acq: 29 Oct 2018 17:37

Tgt Ion:152 Resp: 330102
Ion Ratio Lower Upper
152 100
115 66.3 27.1 81.2
150 142.7 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

