

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102918\
 Data File : VD060235.D
 Acq On : 29 Oct 2018 18:06
 Operator : VA/AP
 Sample : J5703-02RE
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-02-BASERE

Quant Time: Oct 29 18:39:09 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	6.43	168	1452602	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	7.46	114	2157027	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.30	117	1615480	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.38	152	535613	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	656941	59.66	ug/l	0.04
Spiked Amount	50.000		Recovery	=	119.32%	
35) Dibromofluoromethane	6.34	113	844806	51.58	ug/l	0.04
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	9.47	98	2115013	45.28	ug/l	0.03
Spiked Amount	50.000		Recovery	=	90.56%	
62) 4-Bromofluorobenzene	12.49	95	81081	4.64	ug/l	0.07
Spiked Amount	50.000		Recovery	=	9.28%	

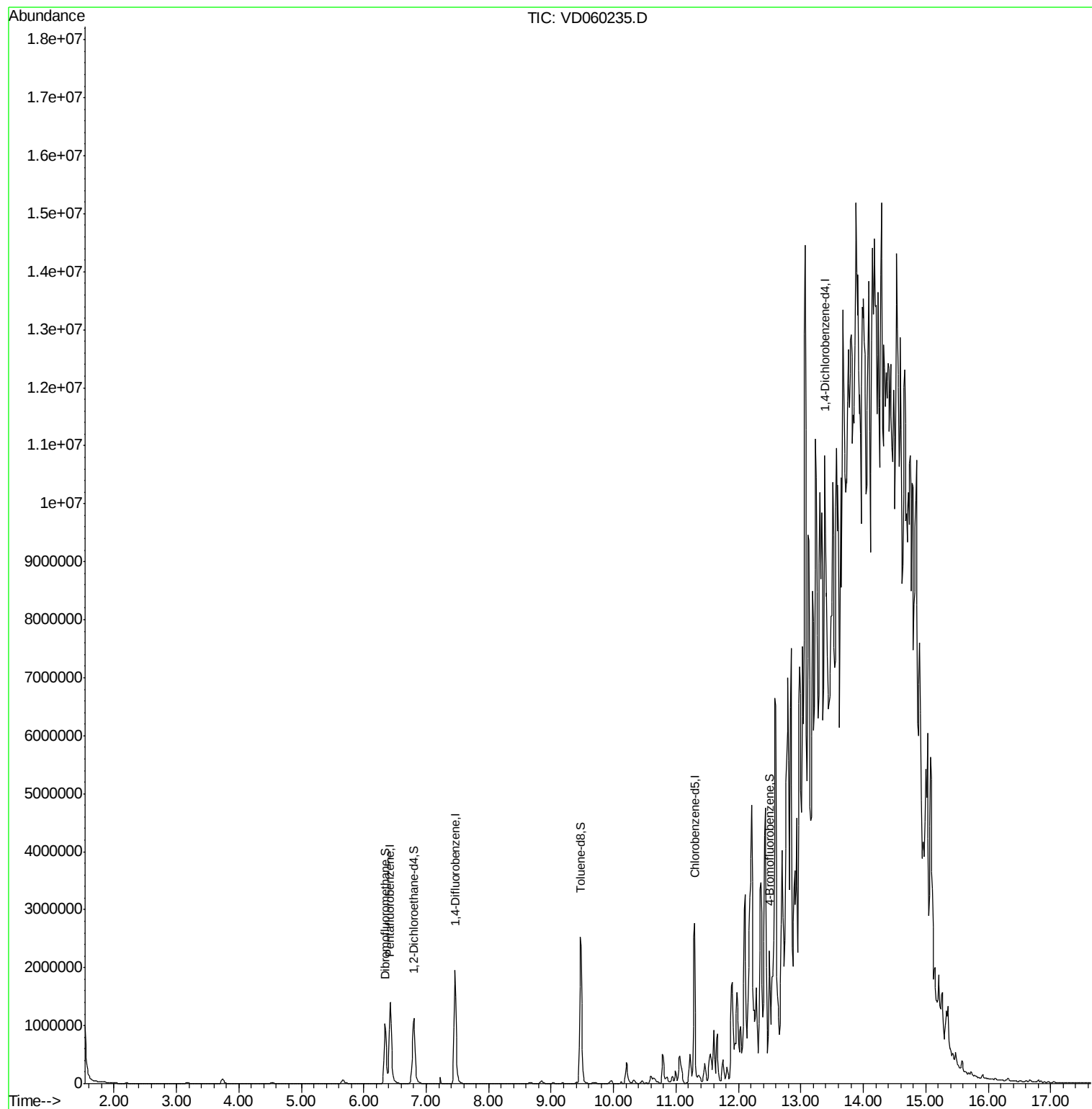
Target Compounds	Qvalue
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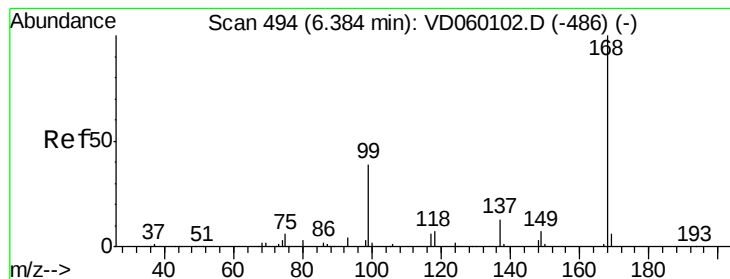
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.43 min Scan# 498

Delta R.T. 0.04 min

Lab File: VD060235.D

Acq: 29 Oct 2018 18:06

Instrument :

MSVOA_D

ClientSampleId :

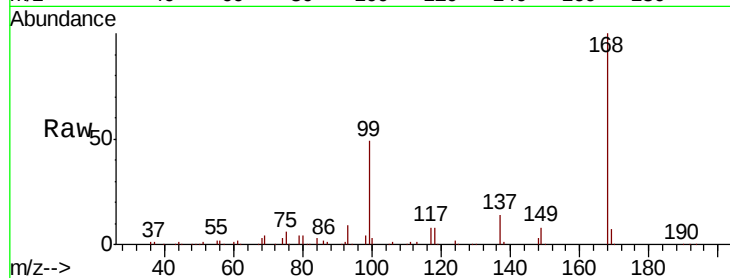
TRENCH-02-BASERE

Tot Ion:168 Resp: 1452602

Ion Ratio Lower Upper

168 100

99 49.5 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.43

500000

400000

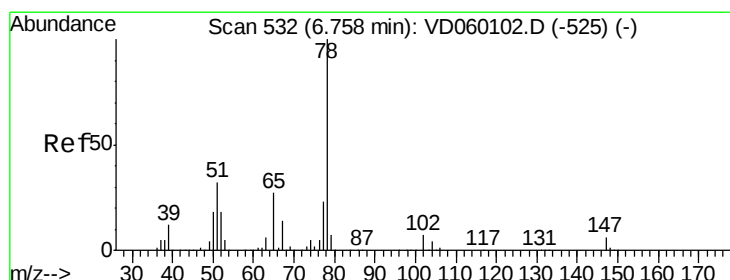
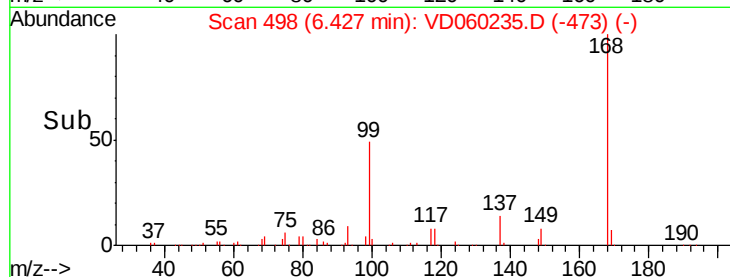
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. 0.04 min

Lab File: VD060235.D

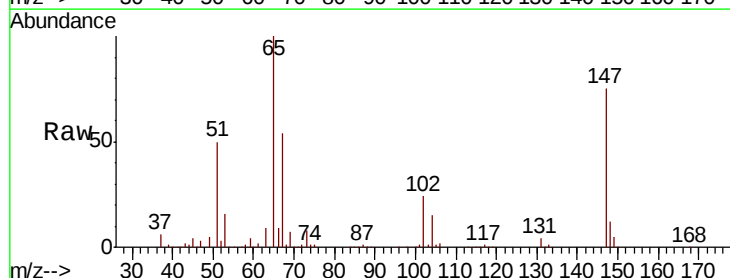
Acq: 29 Oct 2018 18:06

Tgt Ion: 65 Resp: 656941

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.80

300000

250000

200000

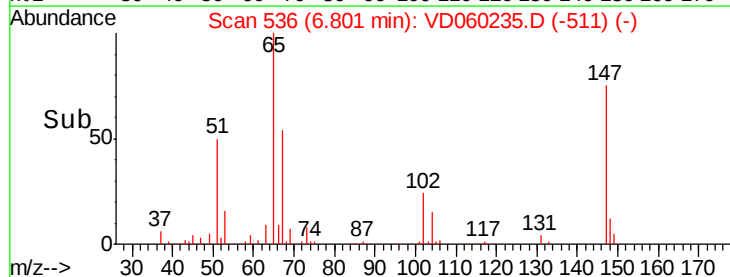
150000

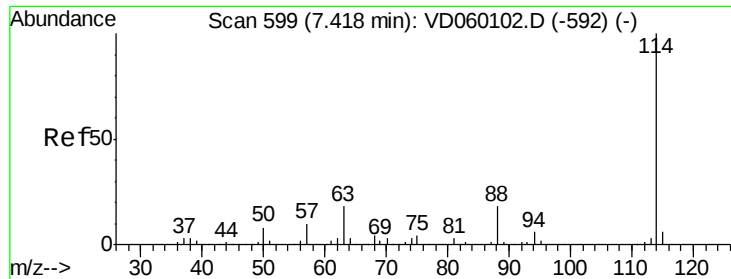
100000

50000

0

Time-->

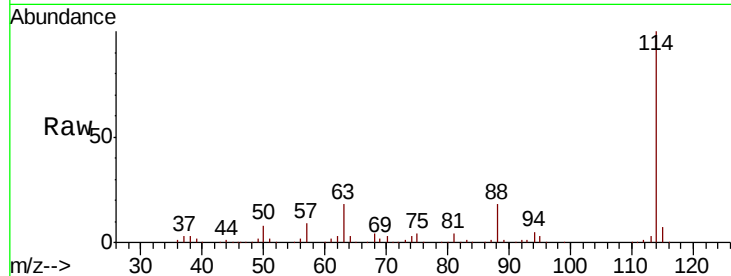




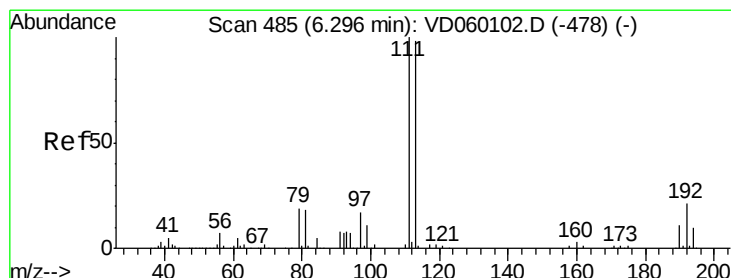
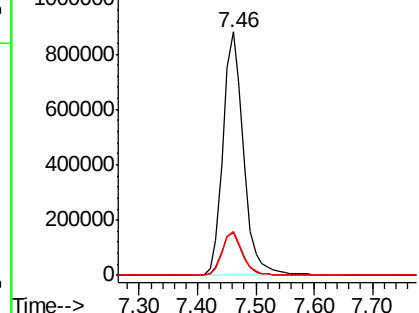
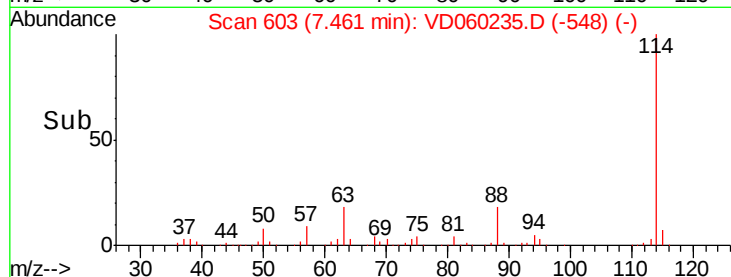
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.04 min
 Lab File: VD060235.D
 Acq: 29 Oct 2018 18:06

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-02-BASERE

Tot Ion:114 Resp: 2157027
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.0
 88 18.0 0.0 36.2

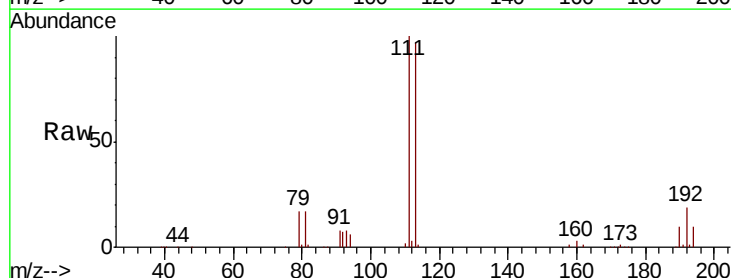


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

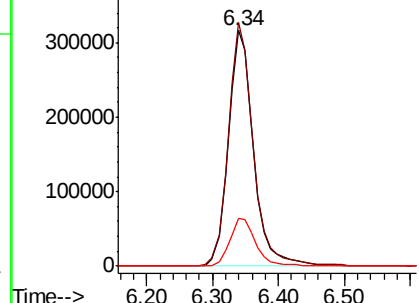
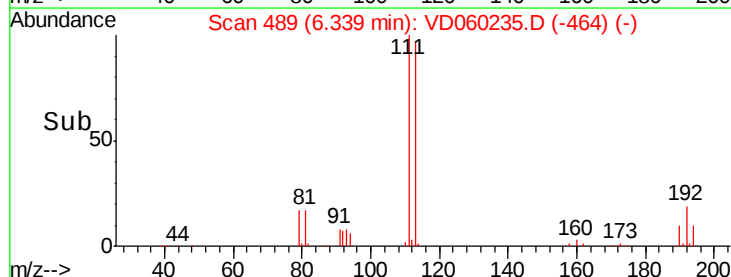


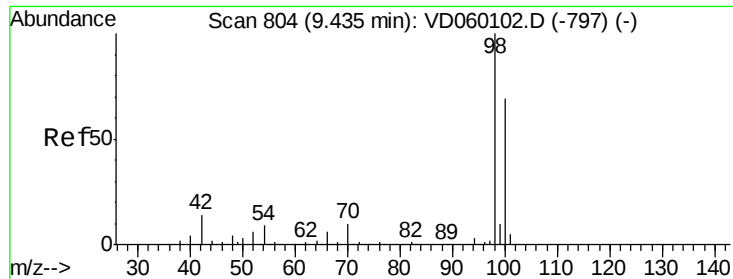
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 489
 Delta R.T. 0.04 min
 Lab File: VD060235.D
 Acq: 29 Oct 2018 18:06

Tgt Ion:113 Resp: 844806
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.5 122.3
 192 20.1 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# 807

Delta R.T. 0.03 min

Lab File: VD060235.D

Acq: 29 Oct 2018 18:06

Instrument :

MSVOA_D

ClientSampleId :

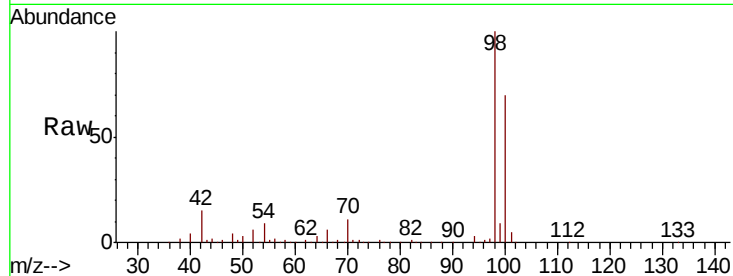
TRENCH-02-BASERE

Tot Ion: 98 Resp: 2115013

Ion Ratio Lower Upper

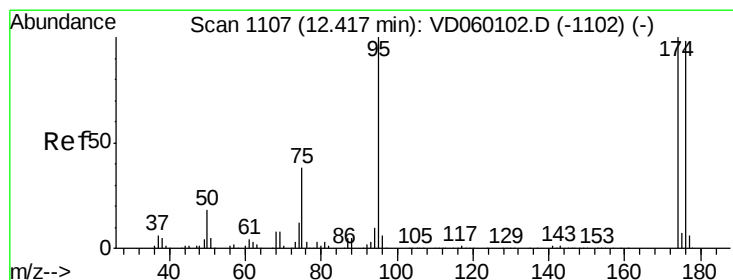
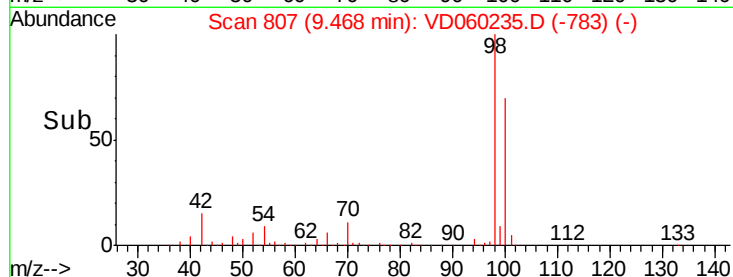
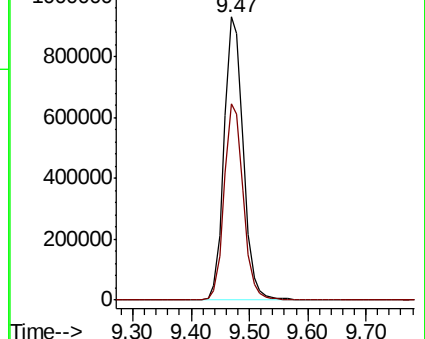
98 100

100 69.5 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: N.D. ug/l

RT: 12.49 min Scan# 1114

Delta R.T. 0.07 min

Lab File: VD060235.D

Acq: 29 Oct 2018 18:06

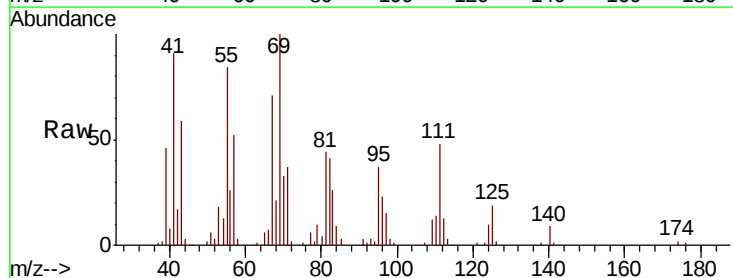
Tgt Ion: 95 Resp: 81081

Ion Ratio Lower Upper

95 100

174 5.4 0.0 200.2

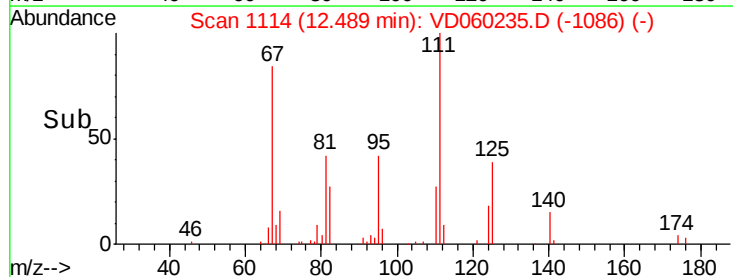
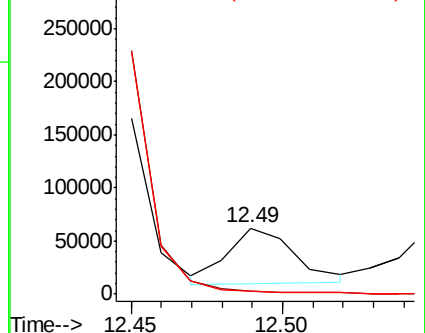
176 3.9 0.0 195.6

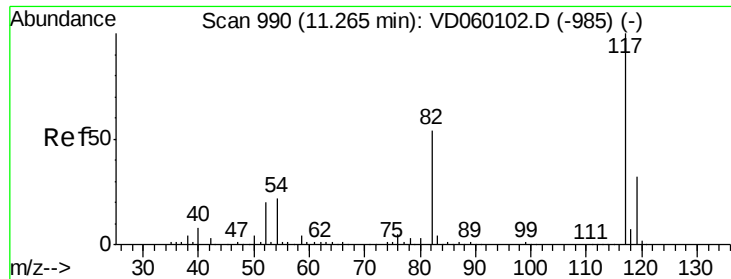


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

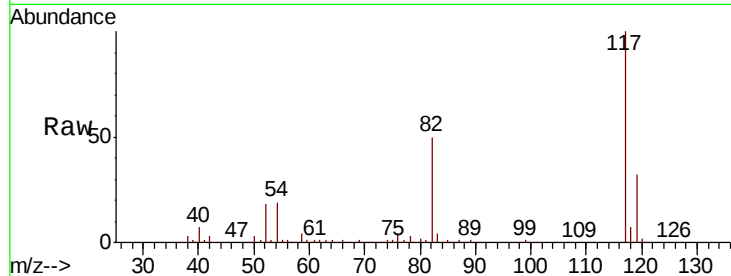




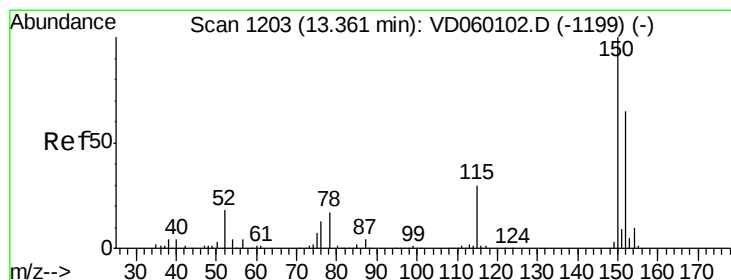
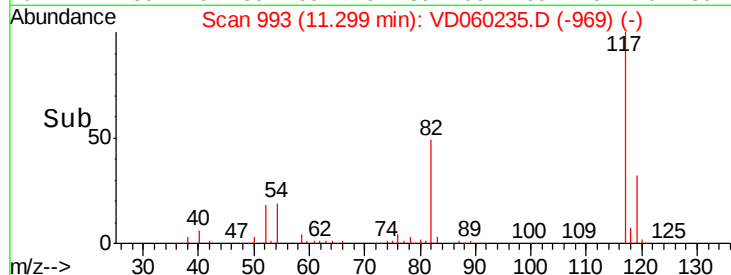
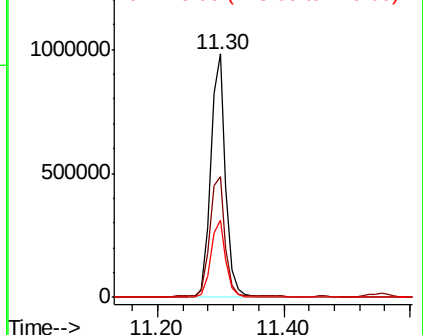
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 993
Delta R.T. 0.03 min
Lab File: VD060235.D
Acq: 29 Oct 2018 18:06

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASERE

Tot Ion:117 Resp: 1615480
Ion Ratio Lower Upper
117 100
82 49.6 43.4 65.2
119 32.0 26.0 39.0

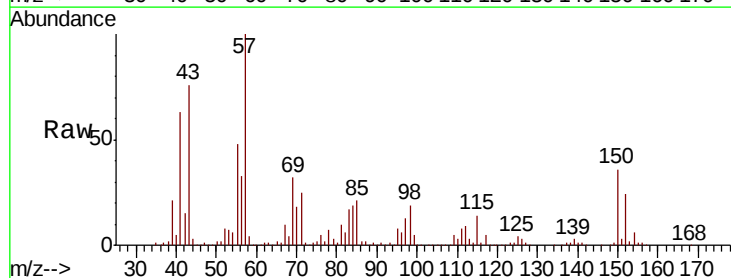


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.02 min
Lab File: VD060235.D
Acq: 29 Oct 2018 18:06

Tgt Ion:152 Resp: 535613
Ion Ratio Lower Upper
152 100
115 57.4 27.1 81.2
150 151.1 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

