

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046809.D
 Acq On : 21 Sep 2015 16:10
 Operator : FY/SY
 Sample : G3747-07
 Misc : 4.98gm/5mL/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-2-3

Quant Time: Sep 22 02:09:14 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:47:18 2015
 Response via : Initial Calibration

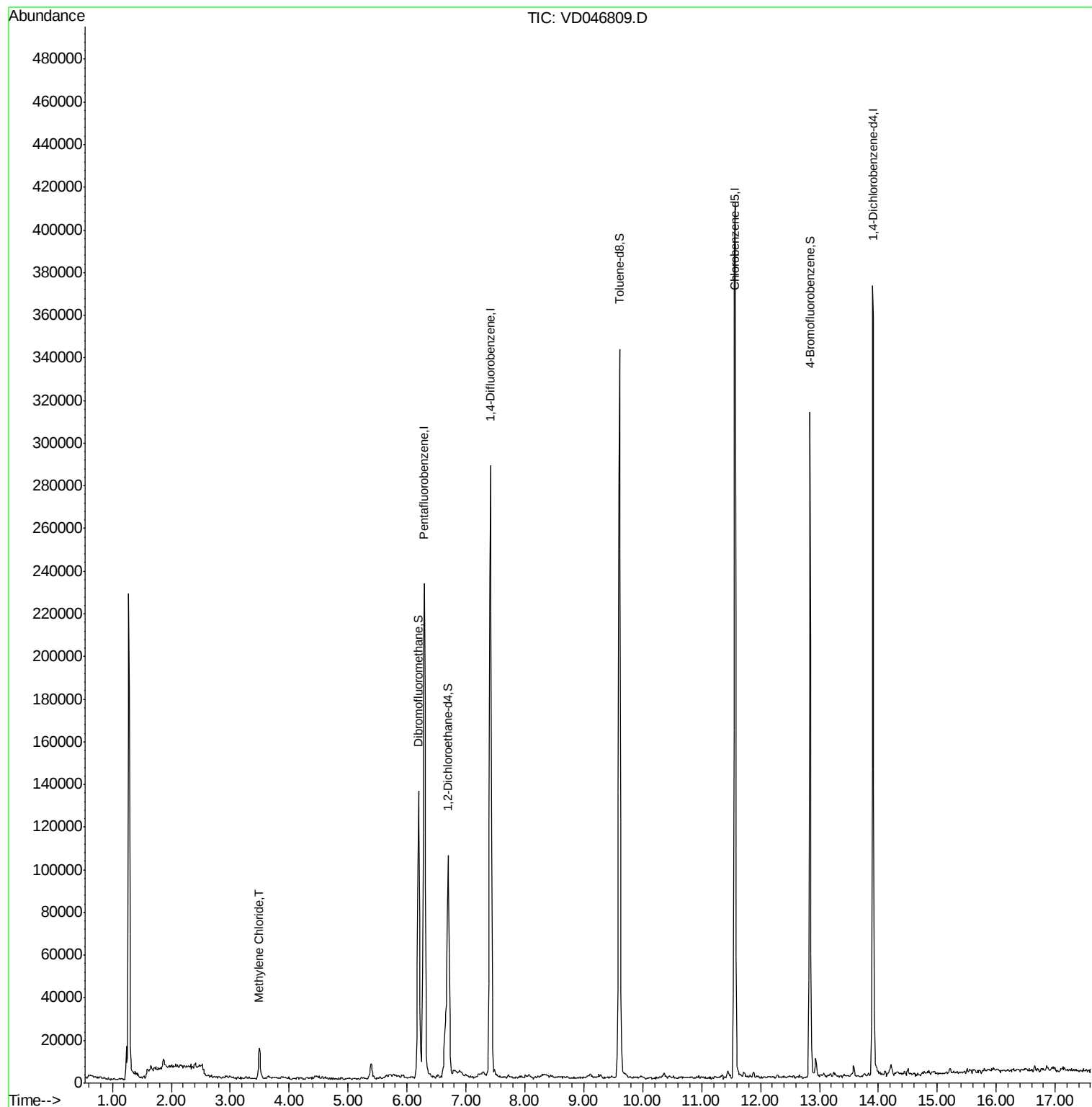
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.29	168	168768	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	234226	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.57	117	210249	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.91	152	98257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.70	65	88439	50.40	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	6.19	113	89982	49.10	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	9.60	98	256662	44.39	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	88.78%	
62) 4-Bromofluorobenzene	12.84	95	97239	41.77	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	83.54%	
Target Compounds						
21) Methylene Chloride	3.49	84	5939	3.69	ug/l	Qvalue 91

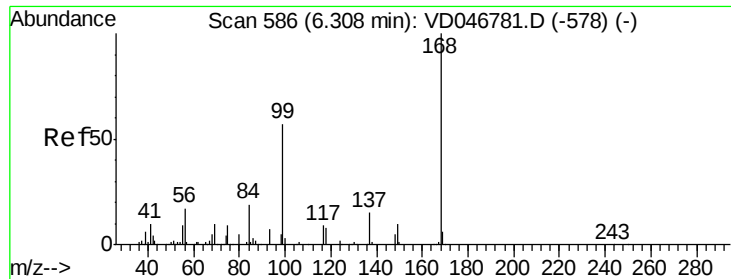
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.29 min Scan# 585

Delta R.T. -0.02 min

Lab File: VD046809.D

Acq: 21 Sep 2015 16:10

Instrument :

MSVOA_D

ClientSampleId :

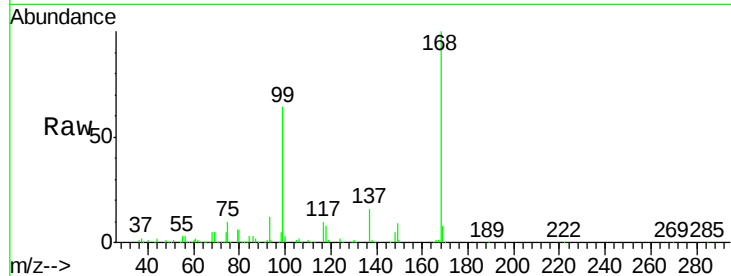
TRENCH-2-3

Tot Ion:168 Resp: 168768

Ion Ratio Lower Upper

168 100

99 64.4 42.4 63.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.29

80000

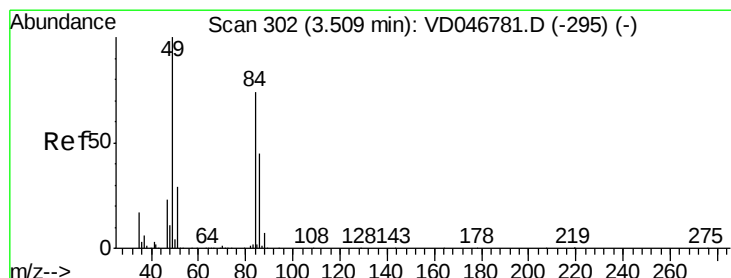
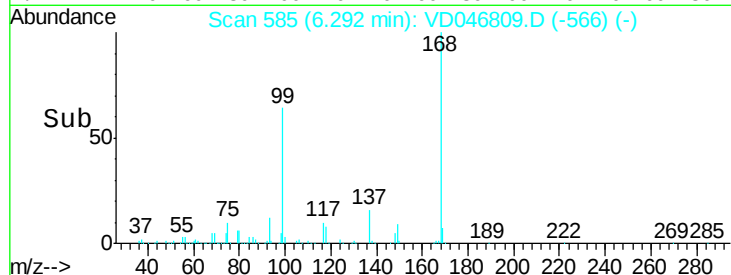
60000

40000

20000

0

Time--> 6.10 6.20 6.30 6.40



#21

Methylene Chloride

Concen: 3.69 ug/l

RT: 3.49 min Scan# 301

Delta R.T. -0.02 min

Lab File: VD046809.D

Acq: 21 Sep 2015 16:10

Tgt Ion: 84 Resp: 5939

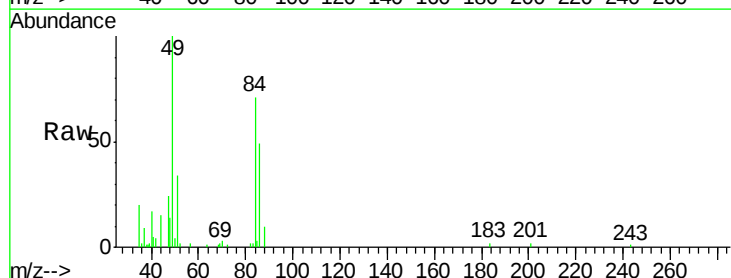
Ion Ratio Lower Upper

84 100

49 141.1 122.1 183.1

51 47.5 33.6 50.4

86 68.9 48.3 72.5



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

6000

5000

4000

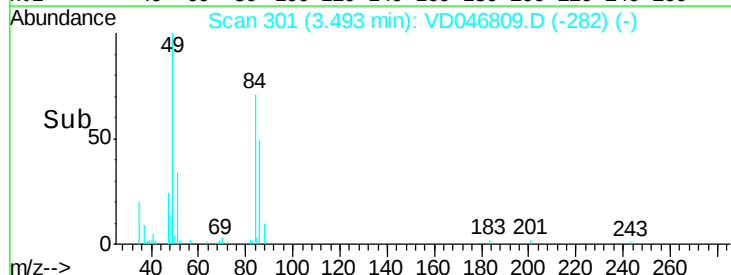
3000

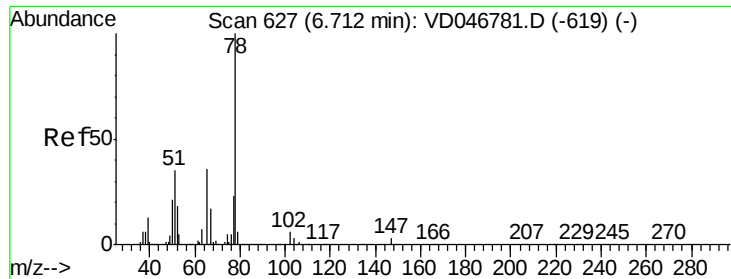
2000

1000

0

Time--> 3.40 3.45 3.50 3.55





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.70 min Scan# 626

Delta R.T. -0.02 min

Lab File: VD046809.D

Acq: 21 Sep 2015 16:10

Instrument :

MSVOA_D

ClientSampleId :

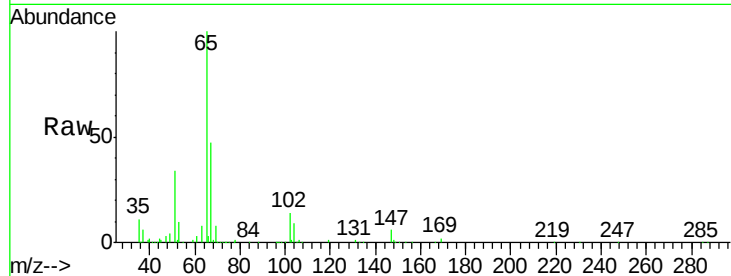
TRENCH-2-3

Tot Ion: 65 Resp: 88439

Ion Ratio Lower Upper

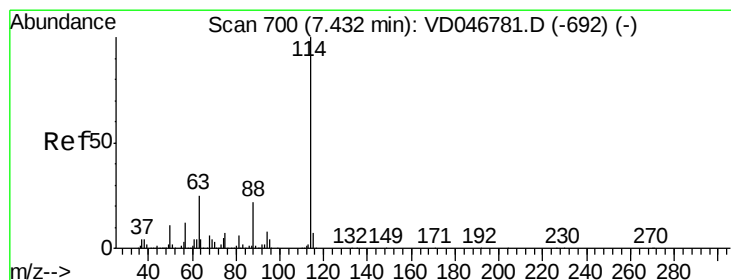
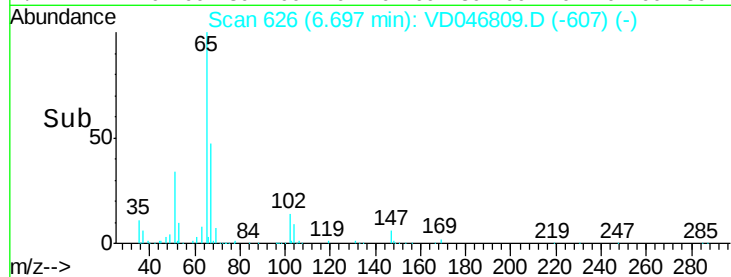
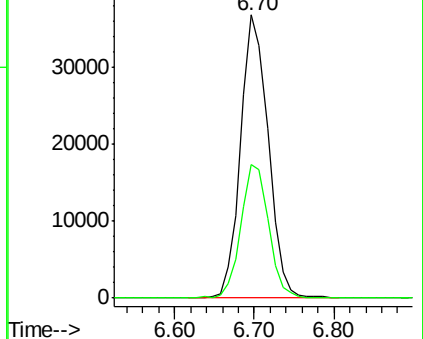
65 100

67 47.3 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 699

Delta R.T. -0.02 min

Lab File: VD046809.D

Acq: 21 Sep 2015 16:10

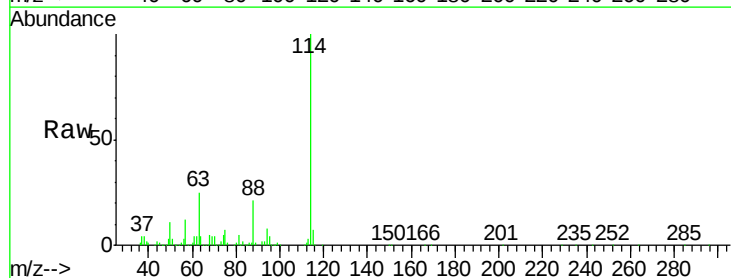
Tgt Ion: 114 Resp: 234226

Ion Ratio Lower Upper

114 100

63 25.0 0.0 49.8

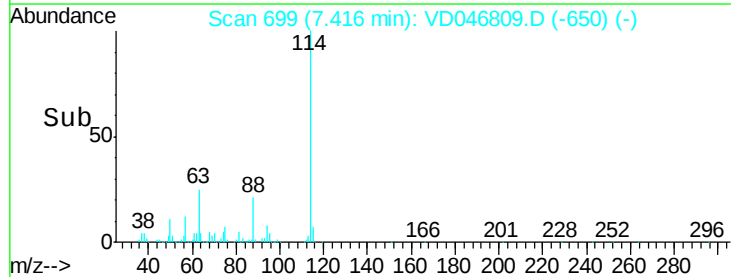
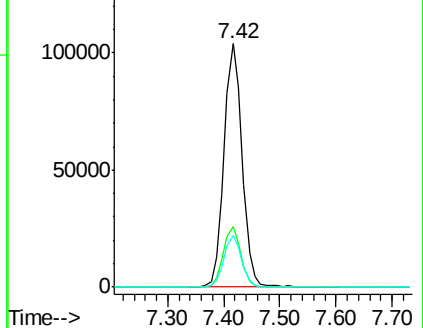
88 20.9 0.0 43.6

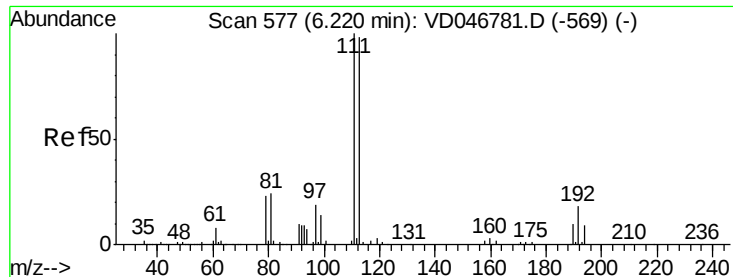


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.19 min Scan# 575

Delta R.T. -0.03 min

Lab File: VD046809.D

Acq: 21 Sep 2015 16:10

Instrument :

MSVOA_D

ClientSampleId :

TRENCH-2-3

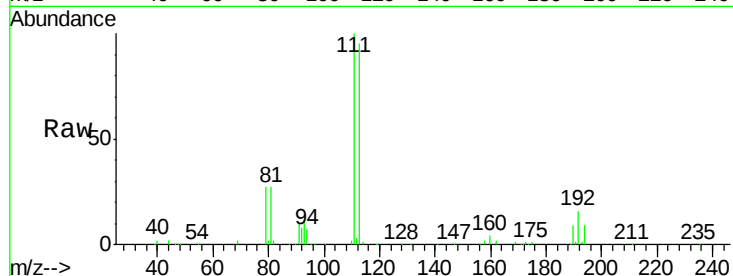
Tot Ion:113 Resp: 89982

Ion Ratio Lower Upper

113 100

111 105.1 79.4 119.0

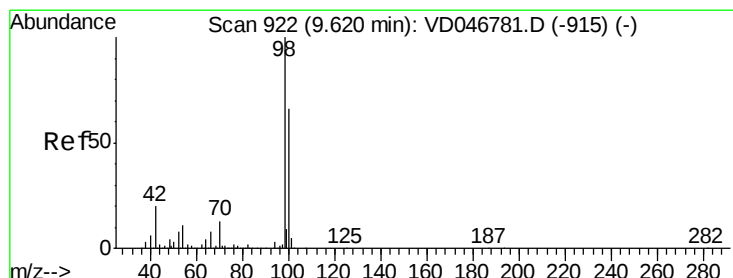
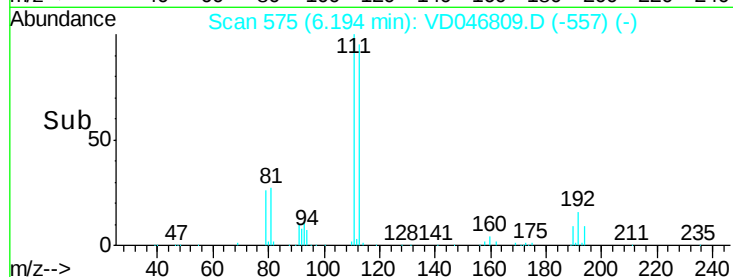
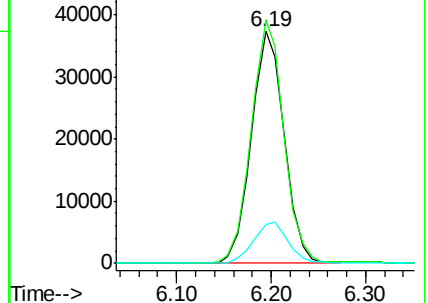
192 16.8 14.6 22.0



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: 9.60 min Scan# 921

Delta R.T. -0.02 min

Lab File: VD046809.D

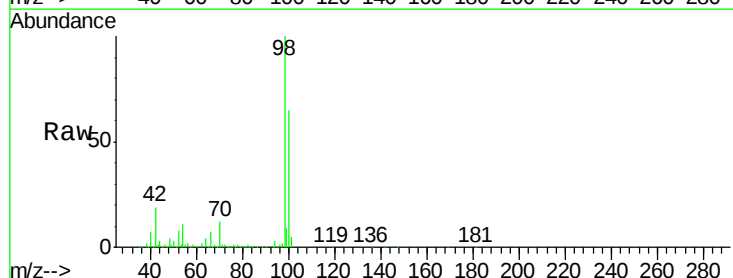
Acq: 21 Sep 2015 16:10

Tgt Ion: 98 Resp: 256662

Ion Ratio Lower Upper

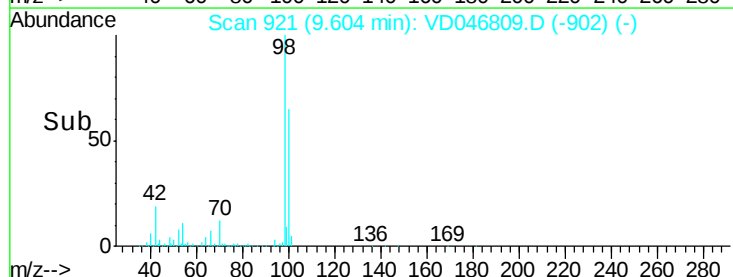
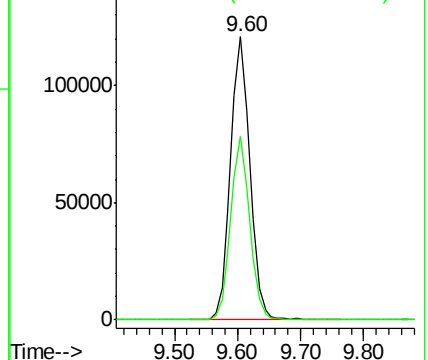
98 100

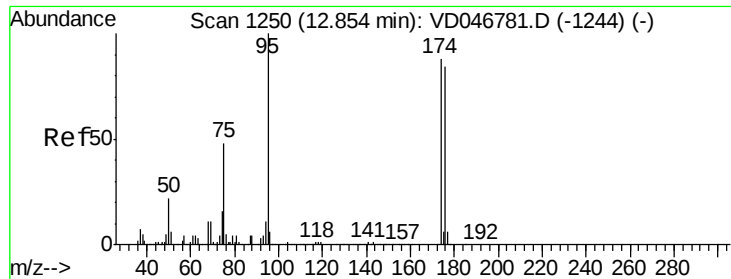
100 64.8 49.9 74.9



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

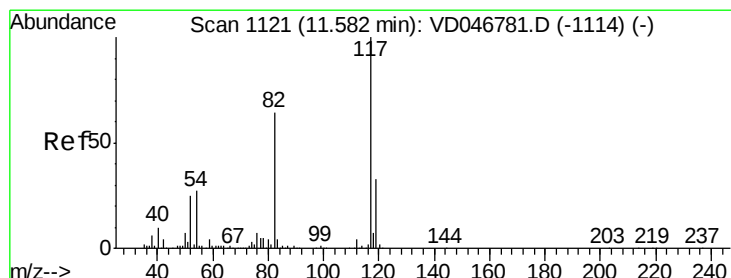
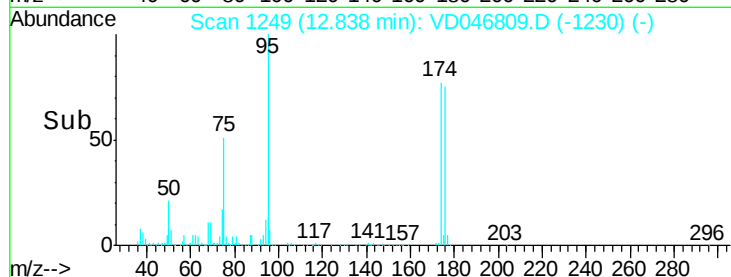
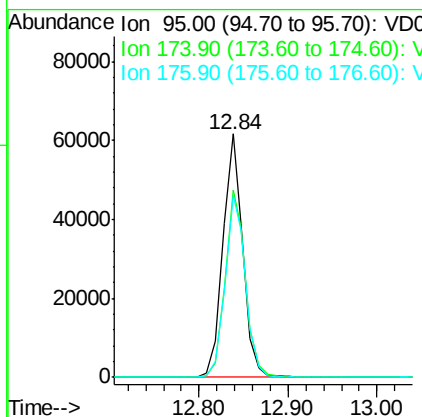
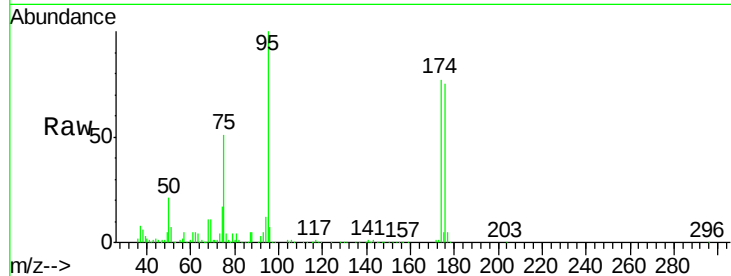




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.84 min Scan# 1249
Delta R.T. -0.02 min
Lab File: VD046809.D
Acq: 21 Sep 2015 16:10

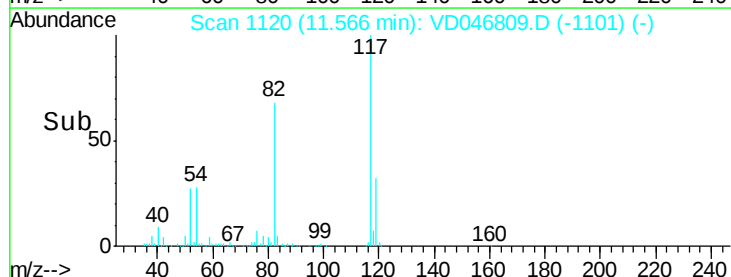
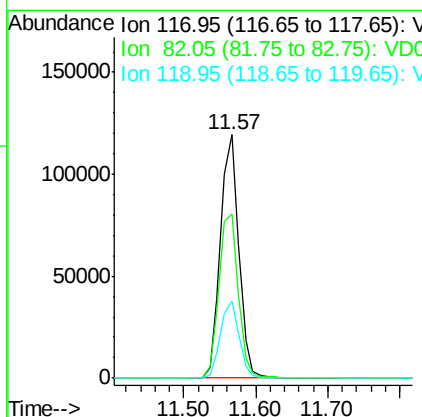
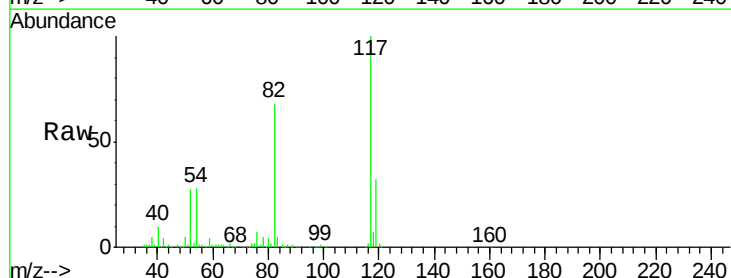
Instrument :
MSVOA_D
ClientSampleId :
TRENCH-2-3

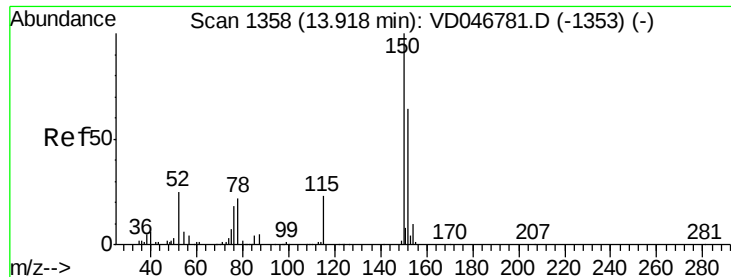
Tot Ion: 95 Resp: 97239
Ion Ratio Lower Upper
95 100
174 77.2 0.0 149.8
176 74.8 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.57 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VD046809.D
Acq: 21 Sep 2015 16:10

Tgt Ion: 117 Resp: 210249
Ion Ratio Lower Upper
117 100
82 67.6 50.6 75.8
119 31.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.91 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VD046809.D

Acq: 21 Sep 2015 16:10

Instrument :

MSVOA_D

ClientSampleId :

TRENCH-2-3

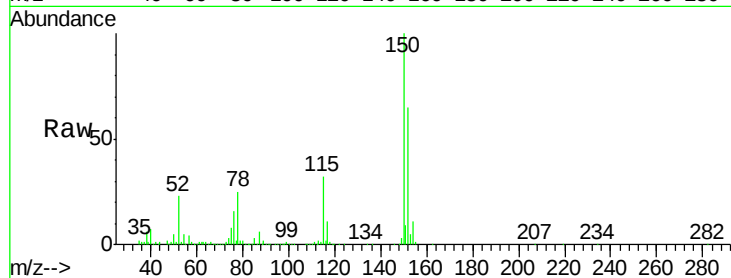
Tot Ion:152 Resp: 98257

Ion Ratio Lower Upper

152 100

115 50.1 26.2 78.6

150 154.8 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

