

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046804.D
 Acq On : 21 Sep 2015 13:56
 Operator : FY/SY
 Sample : G3747-01
 Misc : 6.21gm/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-1-1

Quant Time: Sep 22 01:46:00 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

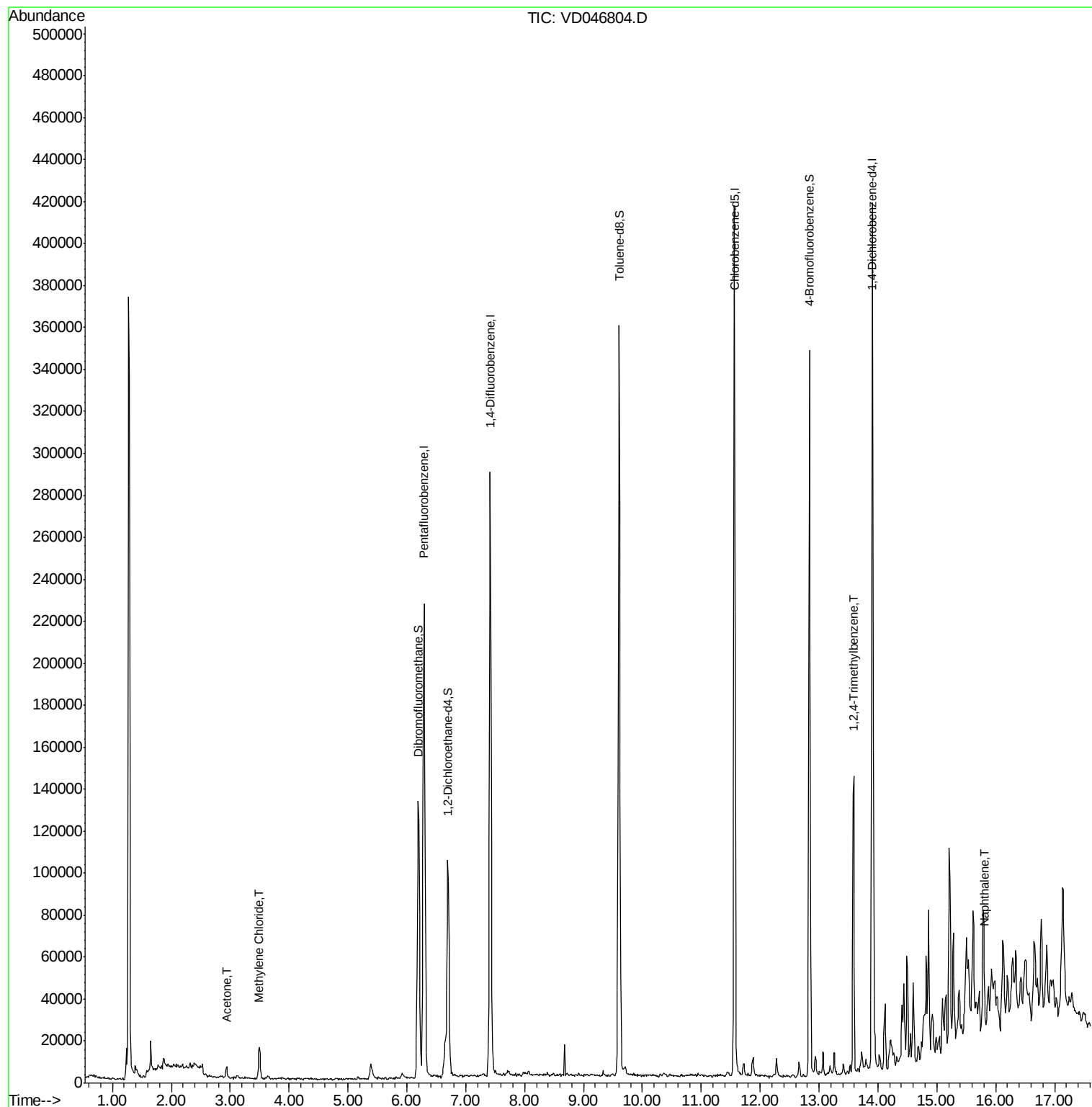
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.29	168	168860	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	232148	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.57	117	210110	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.91	152	111210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.70	65	89730	51.11	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.22%	
35) Dibromofluoromethane	6.19	113	92742	51.06	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	9.60	98	270489	47.21	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	94.42%	
62) 4-Bromofluorobenzene	12.84	95	106338	46.09	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	92.18%	
Target Compounds						
17) Acetone	2.94	43	6566	22.13	ug/l	Qvalue 94
21) Methylene Chloride	3.49	84	6468	4.02	ug/l	# 77
84) 1,2,4-Trimethylbenzene	13.59	105	75337	11.98	ug/l	99
95) Naphthalene	15.81	128	7632	5.46	ug/l	97

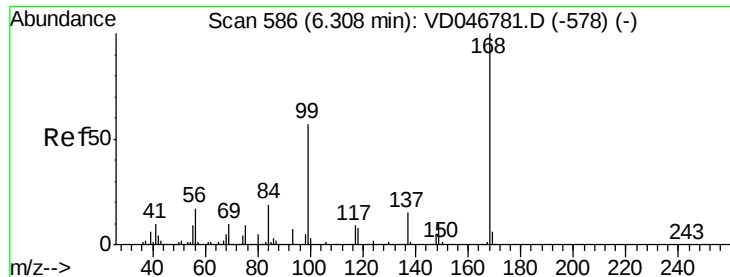
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.29 min Scan# 585

Delta R.T. -0.02 min

Lab File: VD046804.D

Acq: 21 Sep 2015 13:56

Instrument :

MSVOA_D

ClientSampleId :

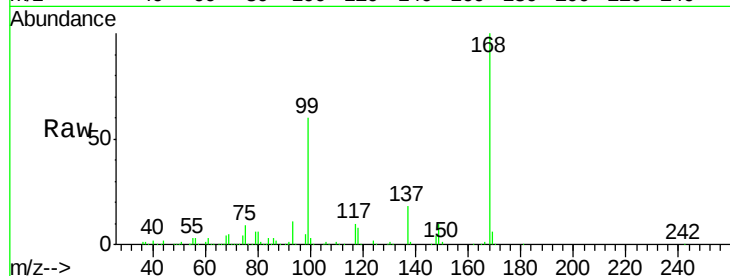
TRENCH-1-1

Tot Ion:168 Resp: 168860

Ion Ratio Lower Upper

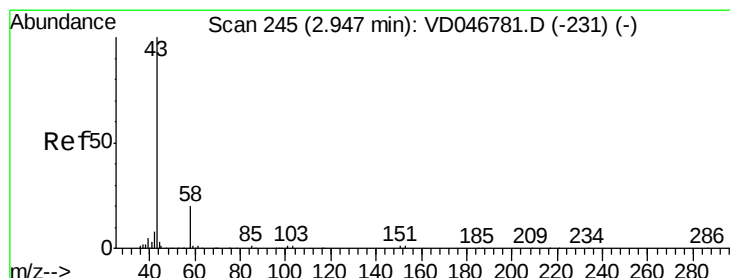
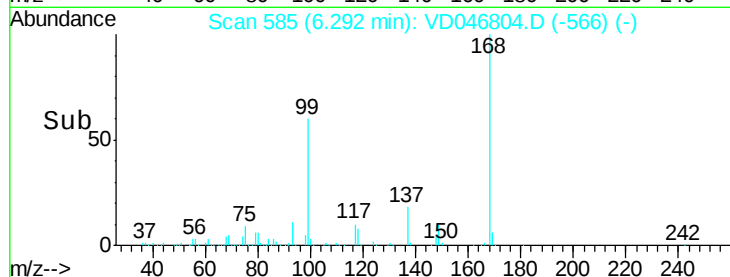
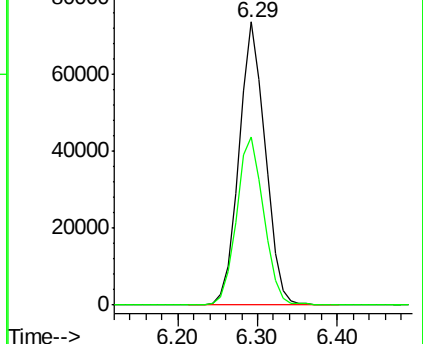
168 100

99 59.6 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#17

Acetone

Concen: 22.13 ug/l

RT: 2.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: VD046804.D

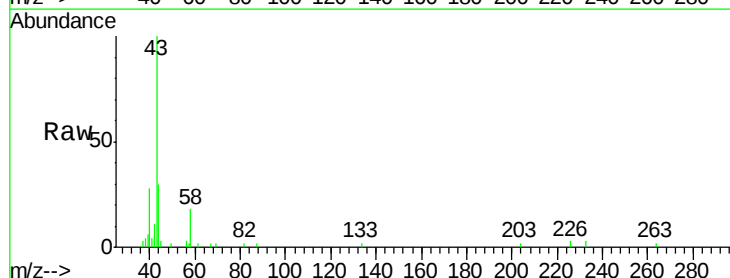
Acq: 21 Sep 2015 13:56

Tgt Ion: 43 Resp: 6566

Ion Ratio Lower Upper

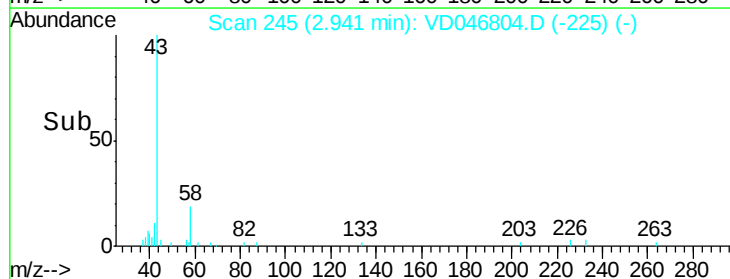
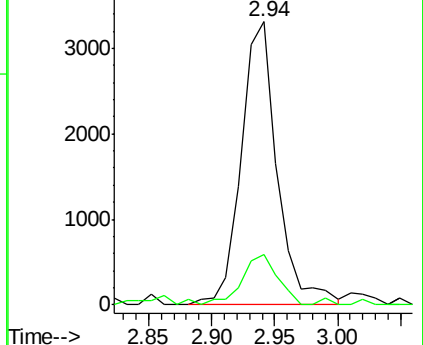
43 100

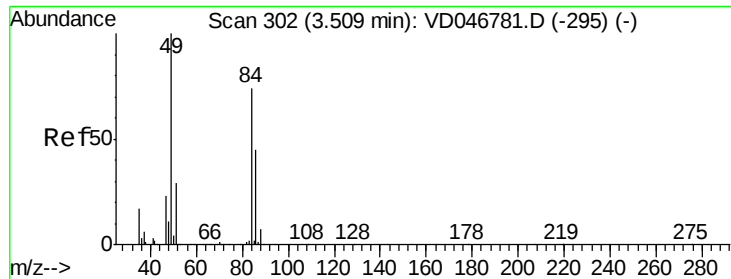
58 18.0 16.6 24.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#21

Methylene Chloride

Concen: 4.02 ug/l

RT: 3.49 min Scan# 301

Delta R.T. -0.02 min

Lab File: VD046804.D

Acq: 21 Sep 2015 13:56

Instrument :

MSVOA_D

ClientSampleId :

TRENCH-1-1

Tot Ion: 84 Resp: 6468

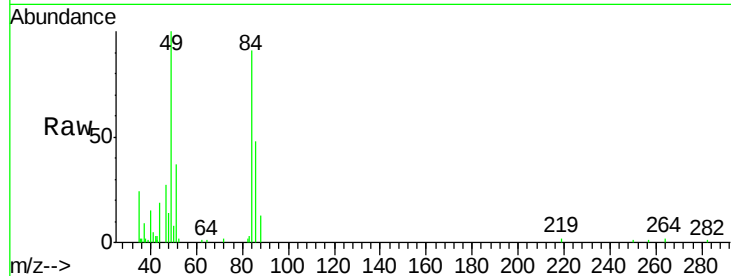
Ion Ratio Lower Upper

84 100

49 109.8 122.1 183.1#

51 41.1 33.6 50.4

86 52.2 48.3 72.5

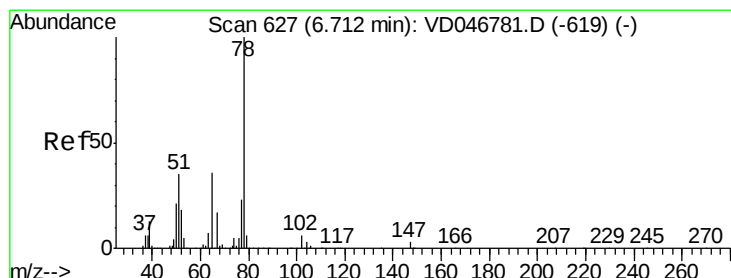
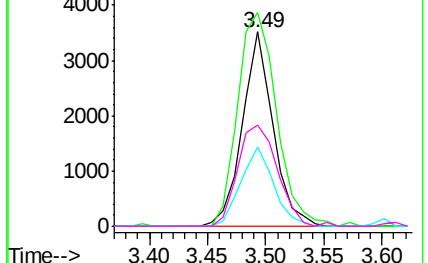
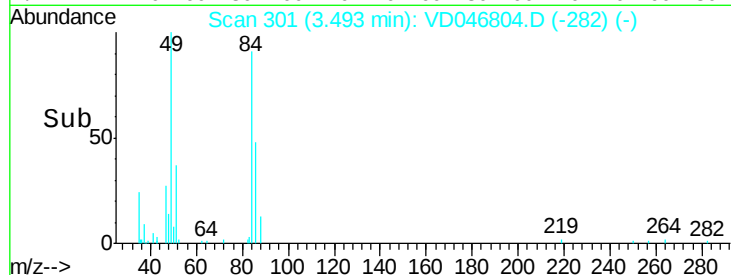


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.70 min Scan# 626

Delta R.T. -0.02 min

Lab File: VD046804.D

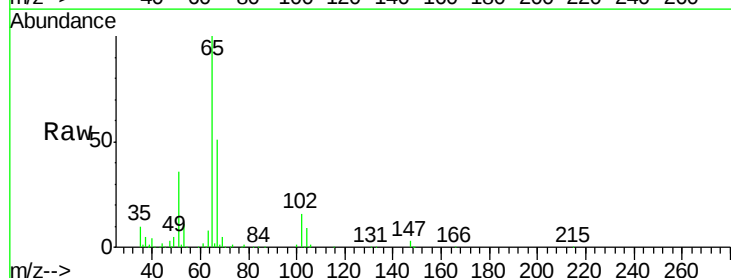
Acq: 21 Sep 2015 13:56

Tgt Ion: 65 Resp: 89730

Ion Ratio Lower Upper

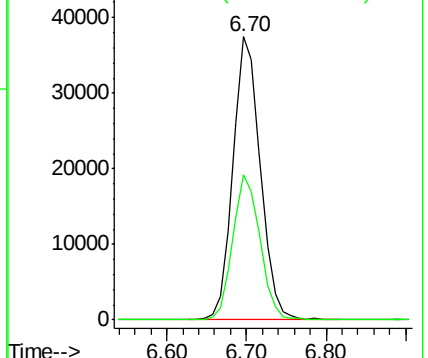
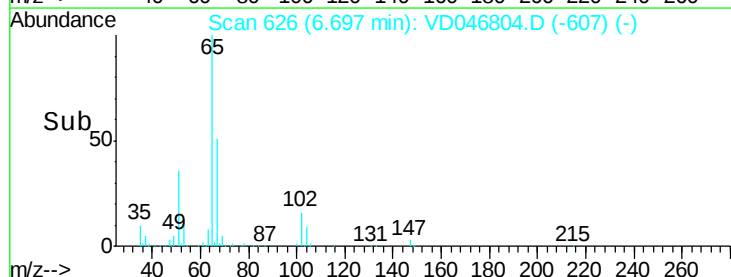
65 100

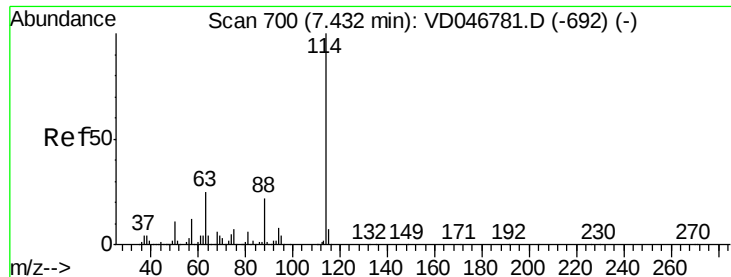
67 51.4 0.0 105.4



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: VD046804.D

Acq: 21 Sep 2015 13:56

Instrument :

MSVOA_D

ClientSampleId :

TRENCH-1-1

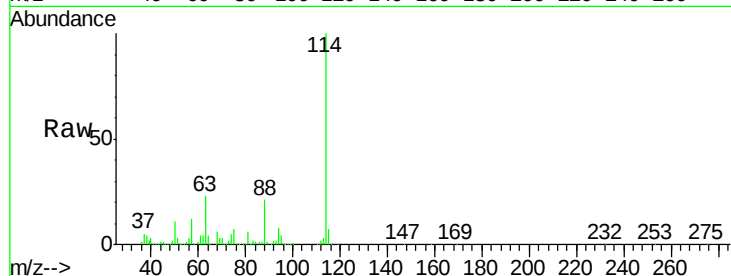
Tot Ion:114 Resp: 232148

Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.8

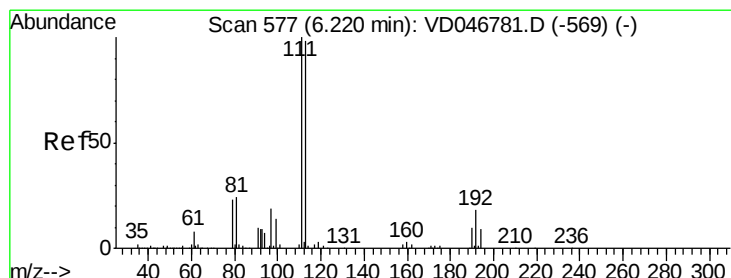
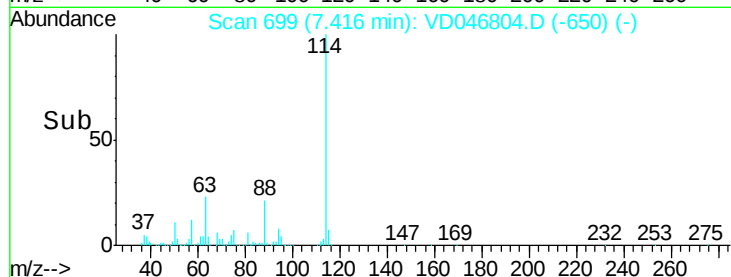
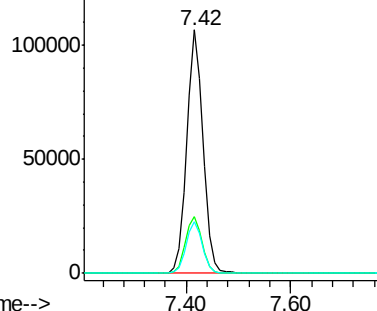
88 21.0 0.0 43.6



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: 50.00 ug/l

RT: 6.19 min Scan# 575

Delta R.T. -0.03 min

Lab File: VD046804.D

Acq: 21 Sep 2015 13:56

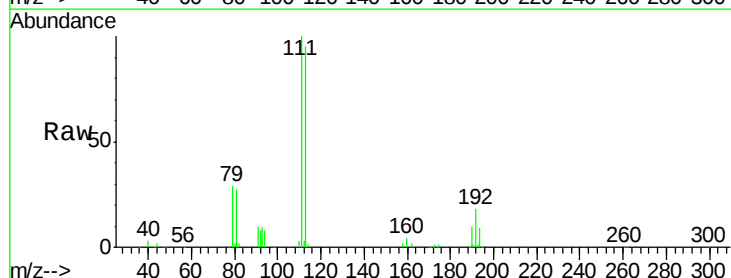
Tgt Ion:113 Resp: 92742

Ion Ratio Lower Upper

113 100

111 105.8 79.4 119.0

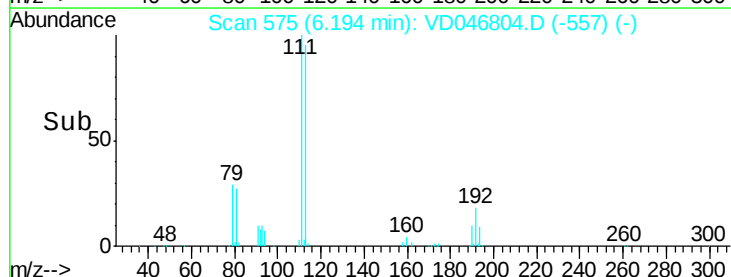
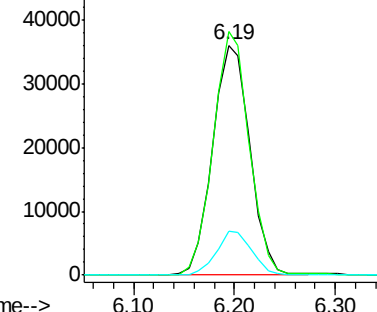
192 18.9 14.6 22.0

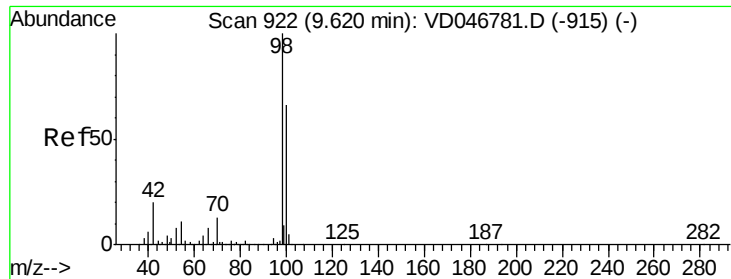


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

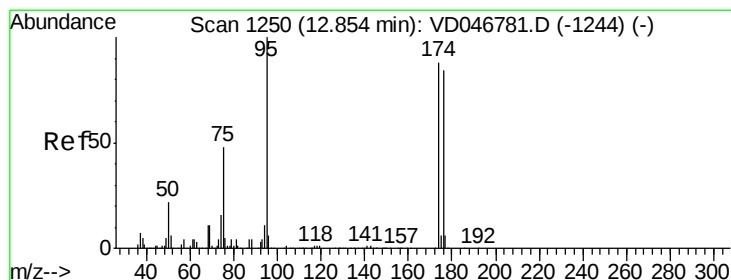
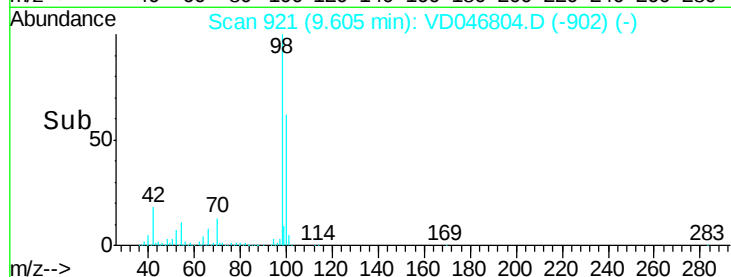
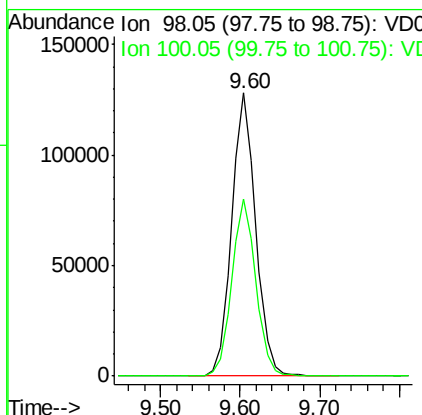
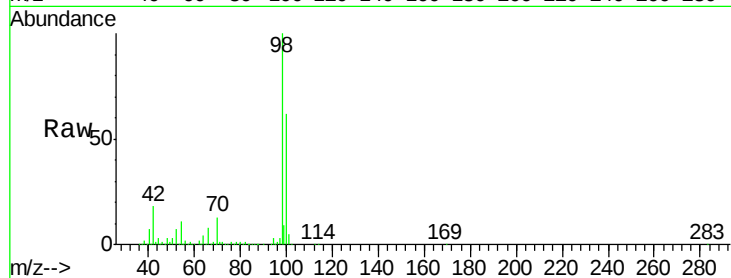




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.60 min Scan# 921
Delta R.T. -0.02 min
Lab File: VD046804.D
Acq: 21 Sep 2015 13:56

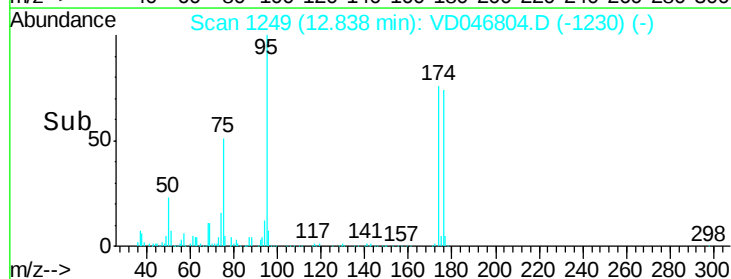
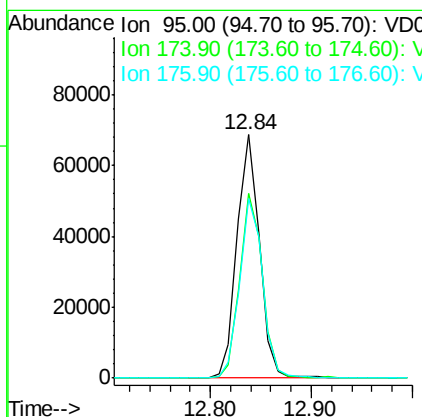
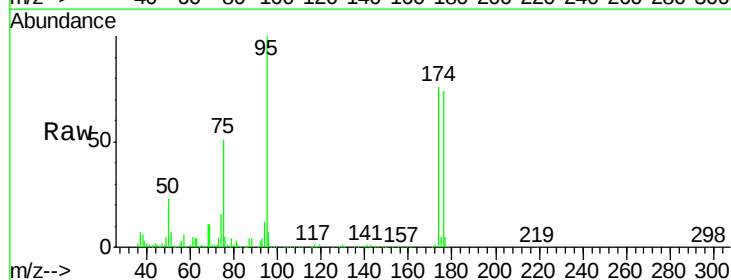
Instrument :
MSVOA_D
ClientSampleId :
TRENCH-1-1

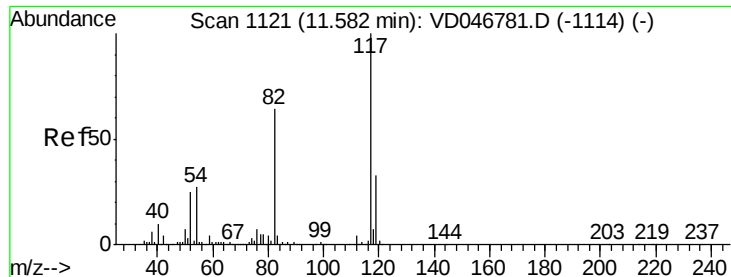
Tot Ion: 98 Resp: 270489
Ion Ratio Lower Upper
98 100
100 62.5 49.9 74.9



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.84 min Scan# 1249
Delta R.T. -0.02 min
Lab File: VD046804.D
Acq: 21 Sep 2015 13:56

Tgt Ion: 95 Resp: 106338
Ion Ratio Lower Upper
95 100
174 76.1 0.0 149.8
176 74.0 0.0 143.4

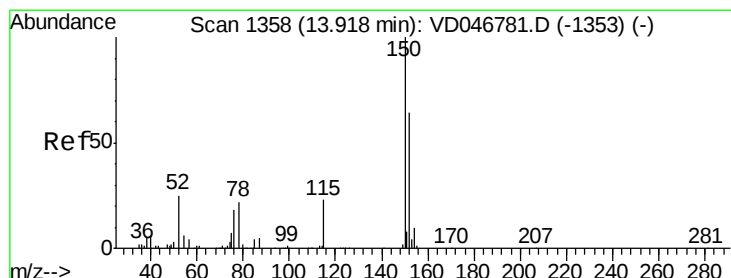
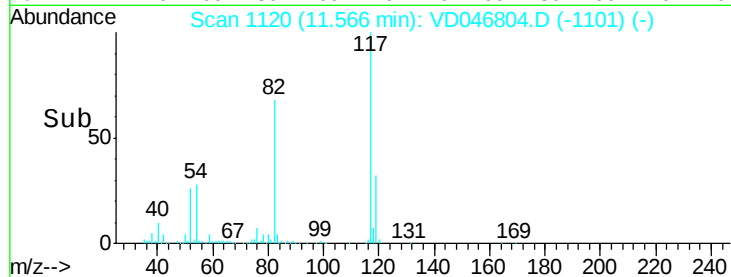
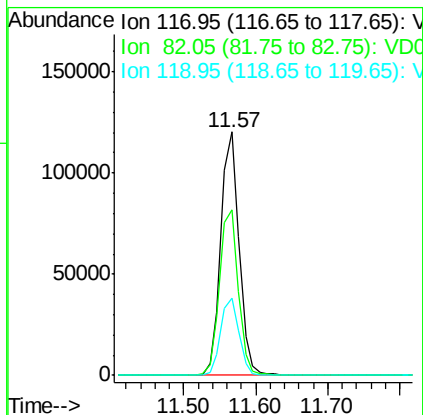
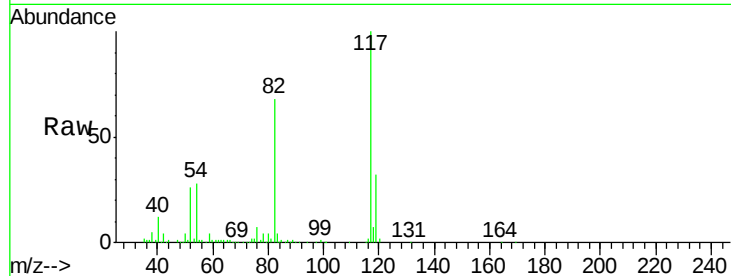




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.57 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VD046804.D
Acq: 21 Sep 2015 13:56

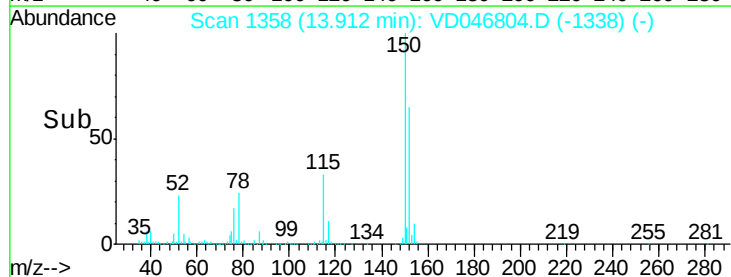
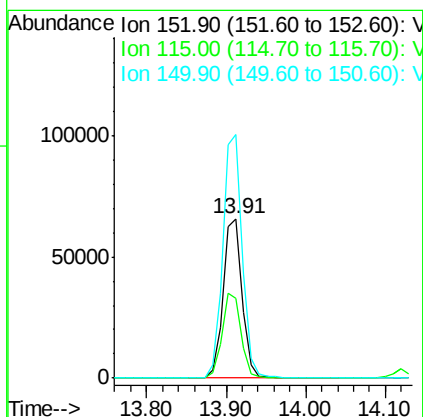
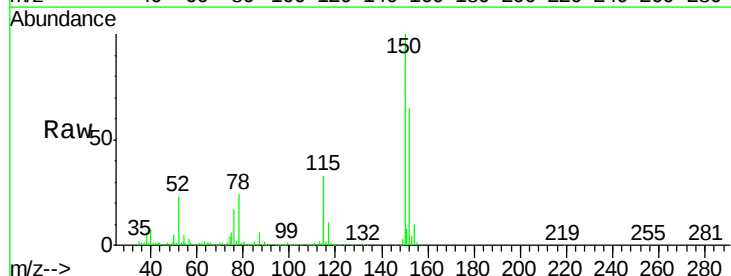
Instrument :
MSVOA_D
ClientSampleId :
TRENCH-1-1

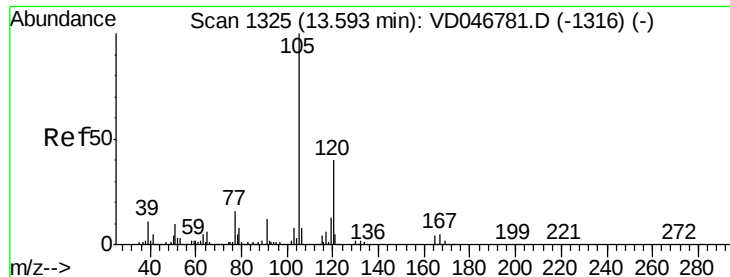
Tot Ion	Ratio	Lower	Upper
117	100		
82	68.1	50.6	75.8
119	31.8	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.91 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VD046804.D
Acq: 21 Sep 2015 13:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.9	26.2	78.6
150	153.0	0.0	311.8

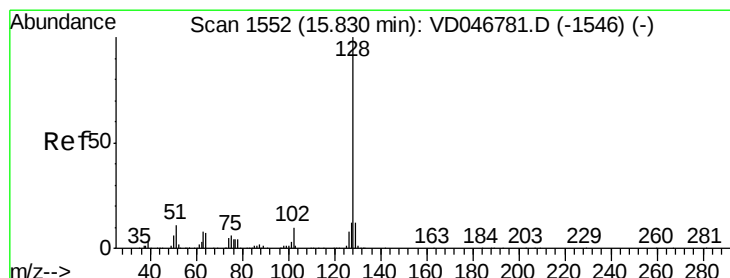
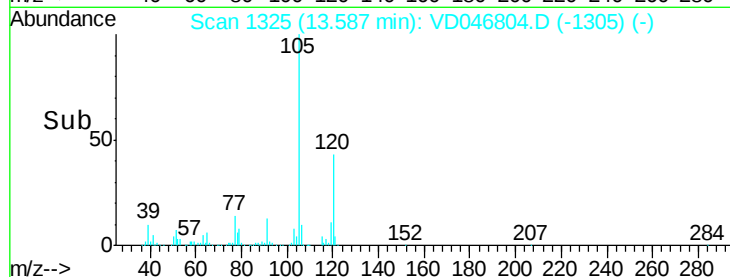
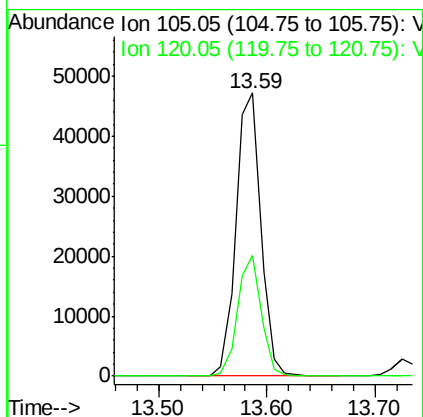
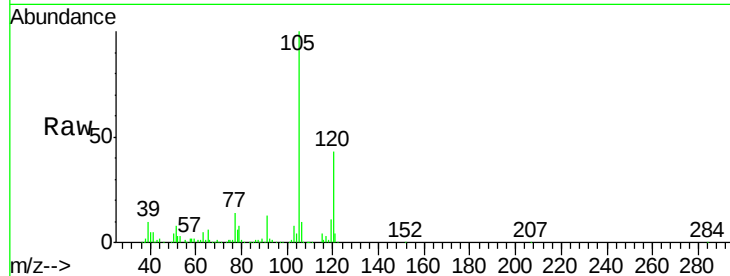




#84
 1,2,4-Trimethylbenzene
 Concen: 11.98 ug/l
 RT: 13.59 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: VD046804.D
 Acq: 21 Sep 2015 13:56

Instrument :
 MSVOA_D
 ClientSampleID :
 TRENCH-1-1

Tot Ion:105 Resp: 75337
 Ion Ratio Lower Upper
 105 100
 120 42.7 21.1 63.1



#95
 Naphthalene
 Concen: 5.46 ug/l
 RT: 15.81 min Scan# 1551
 Delta R.T. -0.02 min
 Lab File: VD046804.D
 Acq: 21 Sep 2015 13:56

Tgt Ion:128 Resp: 7632
 Ion Ratio Lower Upper
 128 100
 127 13.9 9.8 14.6
 129 10.2 8.6 12.8

