

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046807.D
 Acq On : 21 Sep 2015 15:16
 Operator : FY/SY
 Sample : G3747-05
 Misc : 5.56µm/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-2-1

Quant Time: Sep 22 02:02:26 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

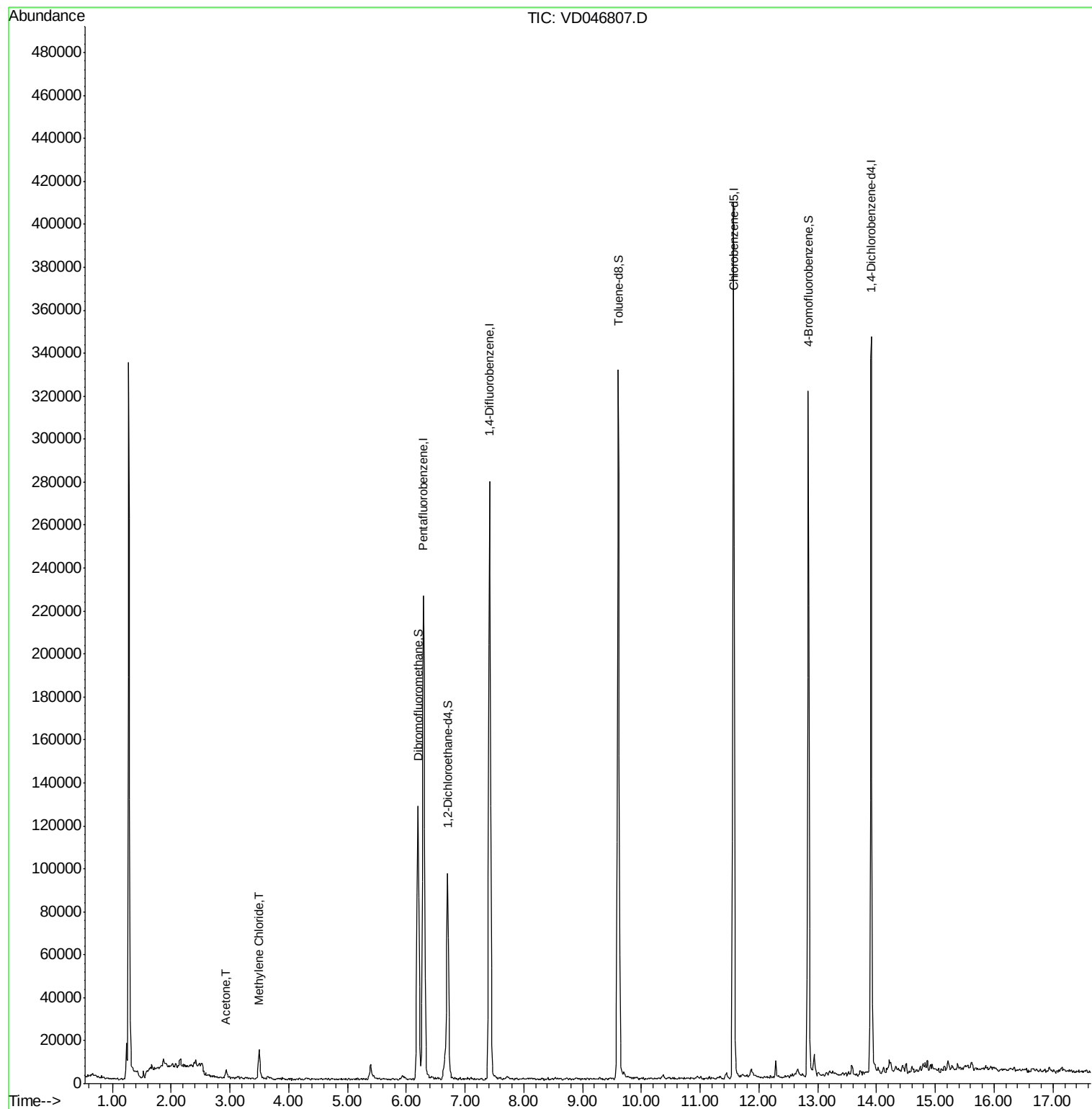
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.29	168	173141	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	229364	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.57	117	203673	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.91	152	92549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.70	65	86940	48.30	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	6.19	113	91689	51.09	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	9.60	98	256512	45.31	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	90.62%	
62) 4-Bromofluorobenzene	12.84	95	99728	43.75	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.50%	
Target Compounds						
17) Acetone	2.94	43	6296	20.70	ug/l	# 91
21) Methylene Chloride	3.49	84	6159	3.73	ug/l	92

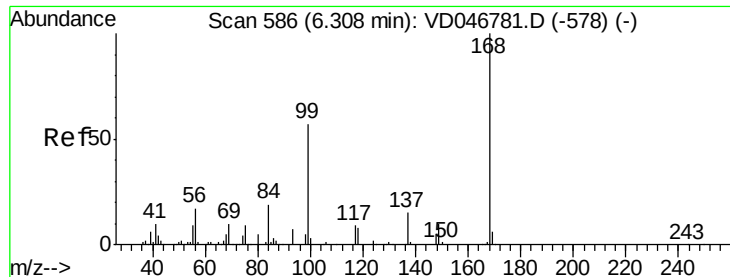
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD046807.D

Acq: 21 Sep 2015 15:16

Instrument :

MSVOA_D

ClientSampleId :

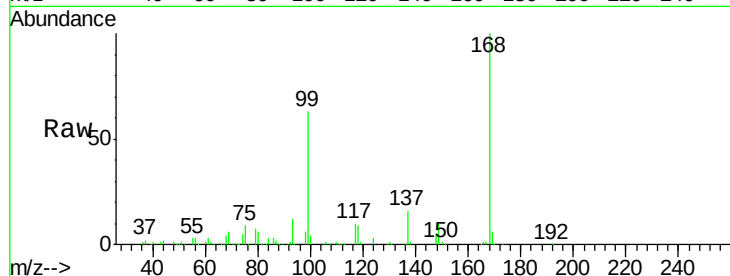
TRENCH-2-1

Tot Ion:168 Resp: 173141

Ion Ratio Lower Upper

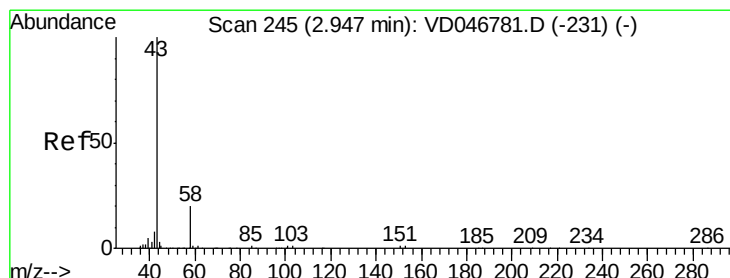
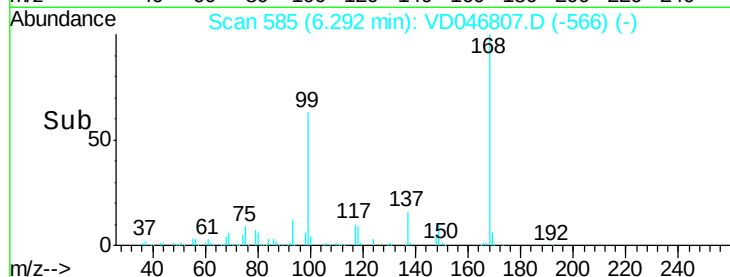
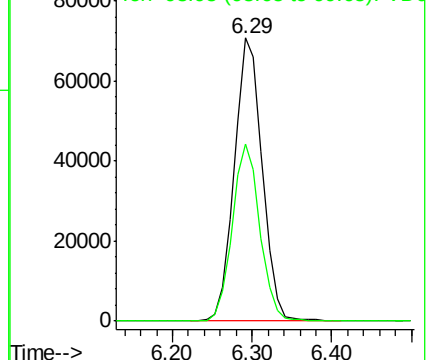
168 100

99 62.5 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: 20.70 ug/l

RT: 2.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: VD046807.D

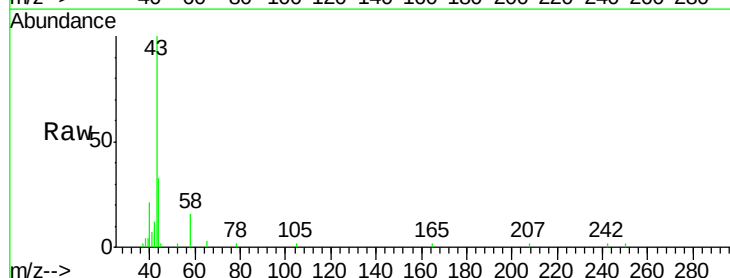
Acq: 21 Sep 2015 15:16

Tgt Ion: 43 Resp: 6296

Ion Ratio Lower Upper

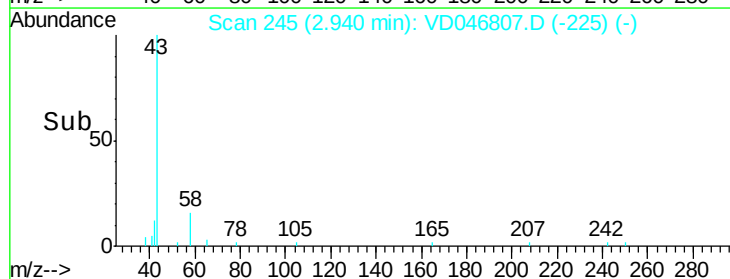
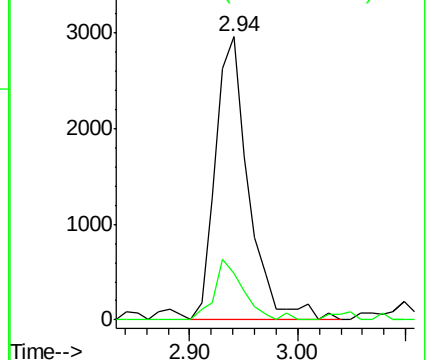
43 100

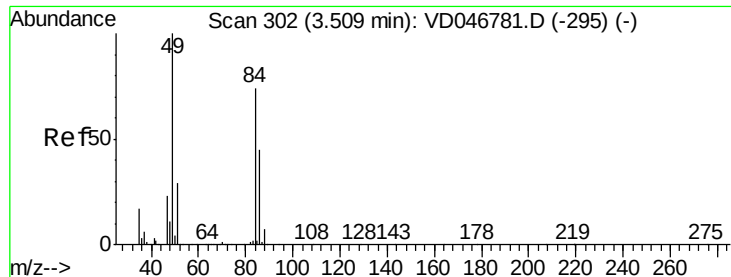
58 16.3 16.6 24.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#21

Methylene Chloride

Concen: 3.73 ug/l

RT: 3.49 min Scan# 301

Delta R.T. -0.02 min

Lab File: VD046807.D

Acq: 21 Sep 2015 15:16

Instrument :

MSVOA_D

ClientSampleId :

TRENCH-2-1

Tot Ion: 84 Resp: 6159

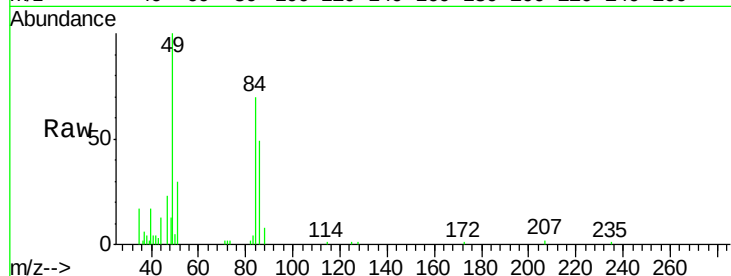
Ion Ratio Lower Upper

84 100

49 142.0 122.1 183.1

51 42.5 33.6 50.4

86 69.8 48.3 72.5

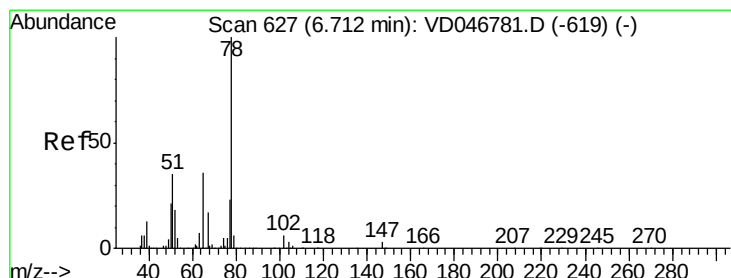
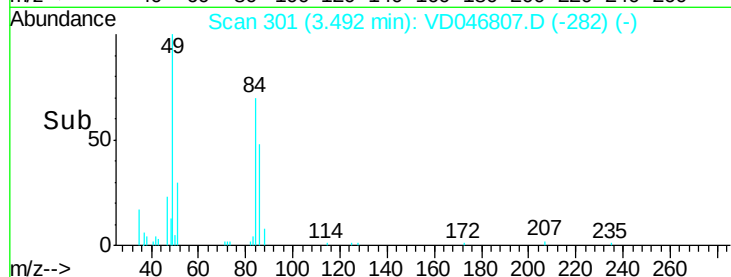
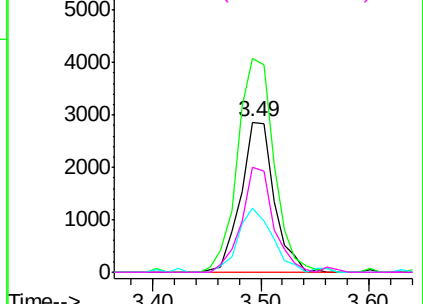


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: VD046807.D

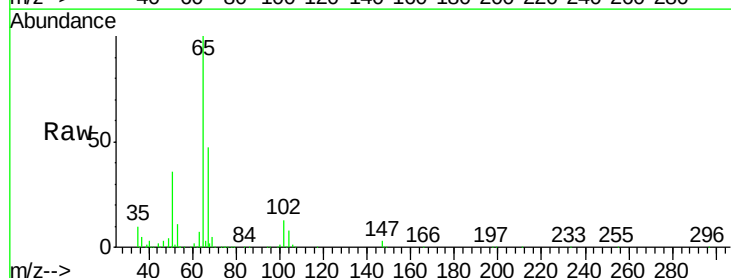
Acq: 21 Sep 2015 15:16

Tgt Ion: 65 Resp: 86940

Ion Ratio Lower Upper

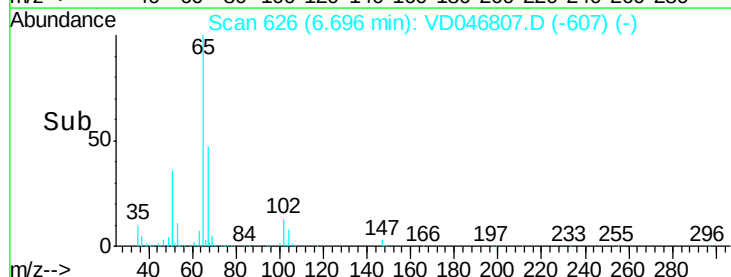
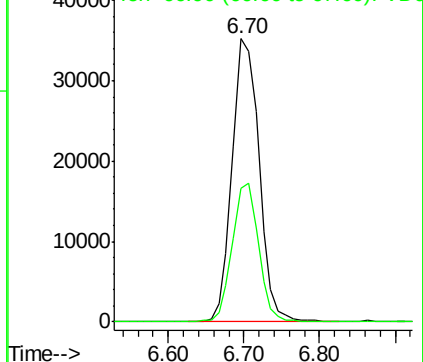
65 100

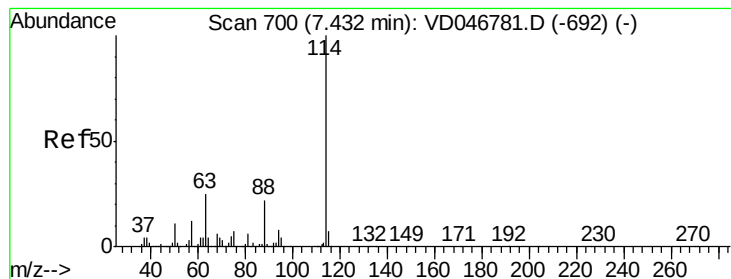
67 47.1 0.0 105.4



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: VD046807.D

Acq: 21 Sep 2015 15:16

Instrument :

MSVOA_D

ClientSampleId :

TRENCH-2-1

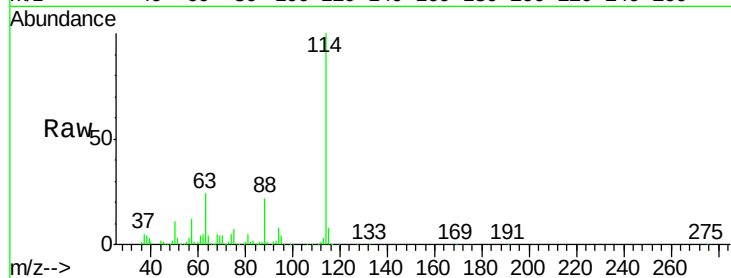
Tot Ion:114 Resp: 229364

Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.8

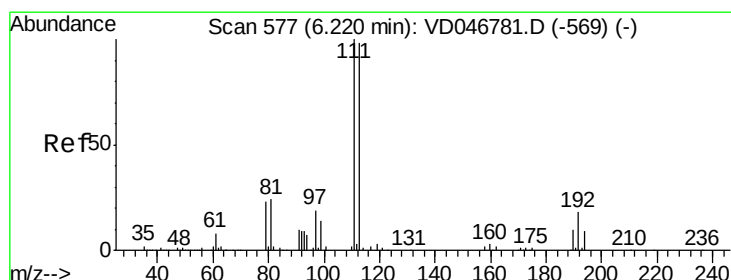
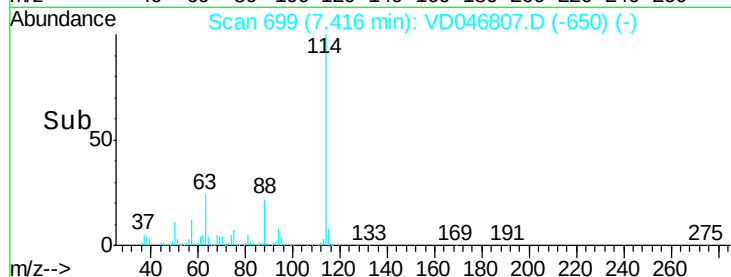
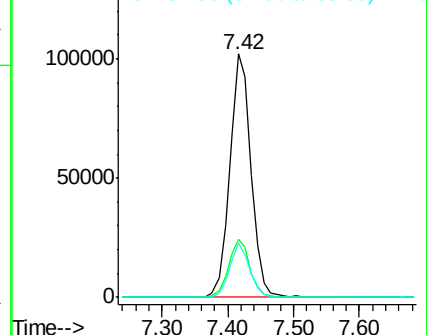
88 22.4 0.0 43.6



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: VD046807.D

Acq: 21 Sep 2015 15:16

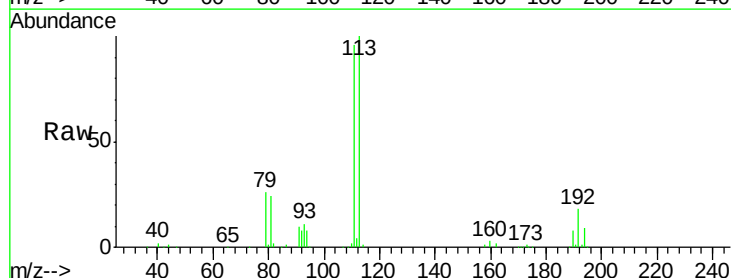
Tgt Ion:113 Resp: 91689

Ion Ratio Lower Upper

113 100

111 96.0 79.4 119.0

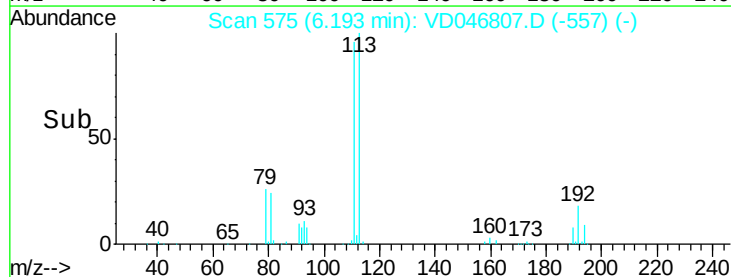
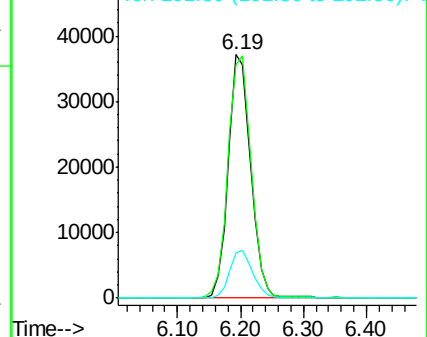
192 18.4 14.6 22.0

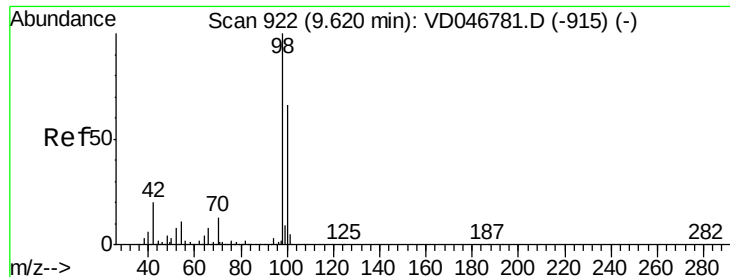


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

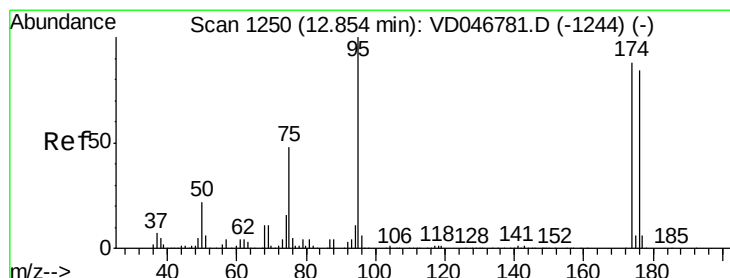
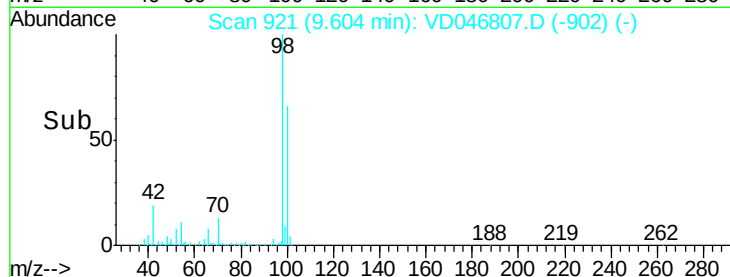
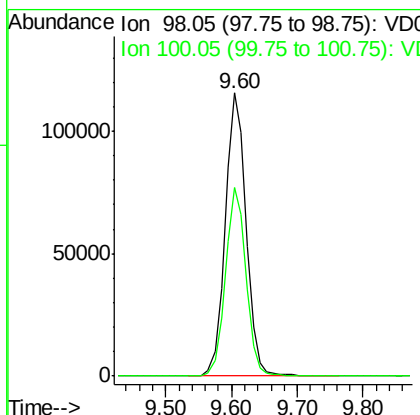
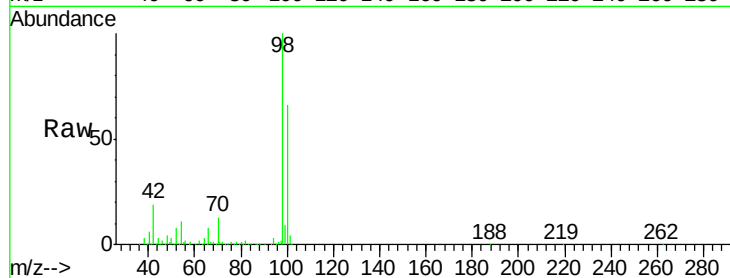




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.60 min Scan# 921
Delta R.T. -0.02 min
Lab File: VD046807.D
Acq: 21 Sep 2015 15:16

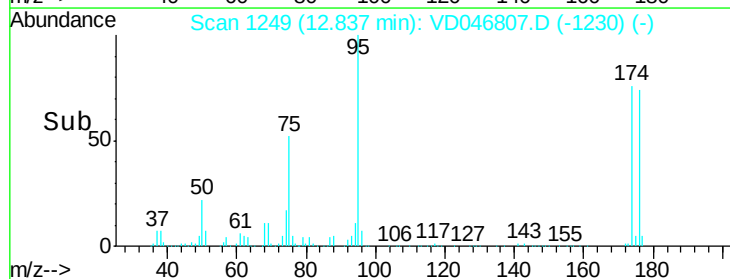
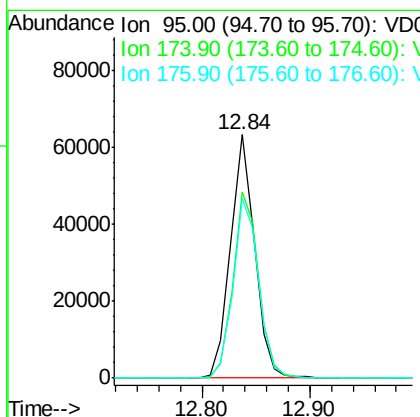
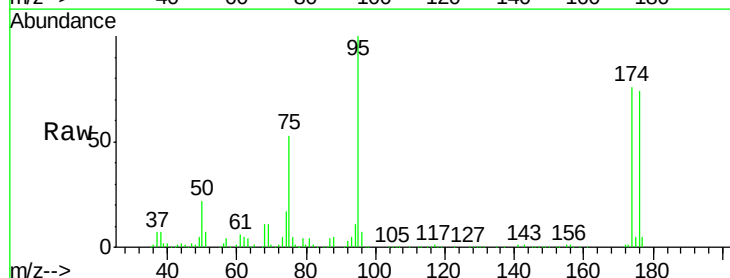
Instrument :
MSVOA_D
ClientSampleId :
TRENCH-2-1

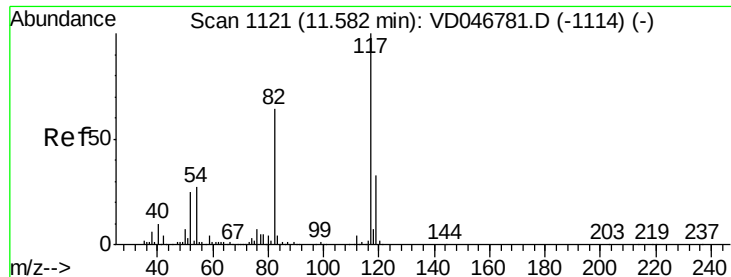
Tot Ion: 98 Resp: 256512
Ion Ratio Lower Upper
98 100
100 66.5 49.9 74.9



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.84 min Scan# 1249
Delta R.T. -0.02 min
Lab File: VD046807.D
Acq: 21 Sep 2015 15:16

Tgt Ion: 95 Resp: 99728
Ion Ratio Lower Upper
95 100
174 76.3 0.0 149.8
176 73.9 0.0 143.4

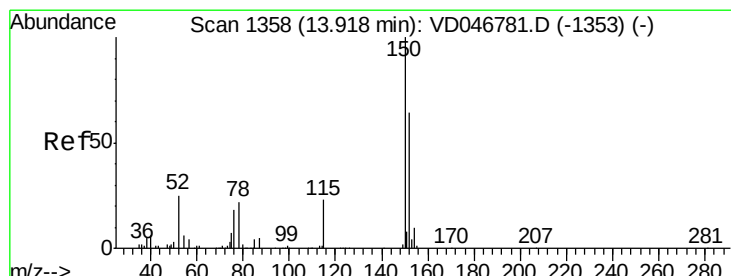
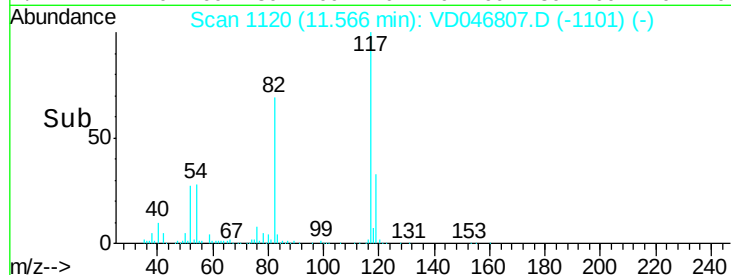
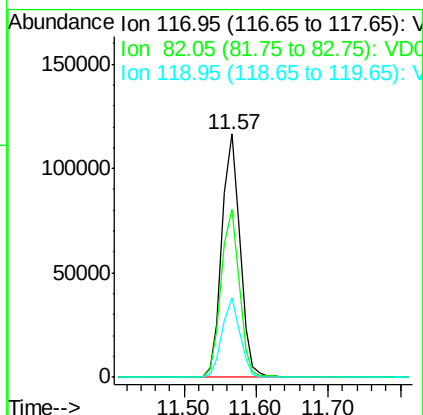
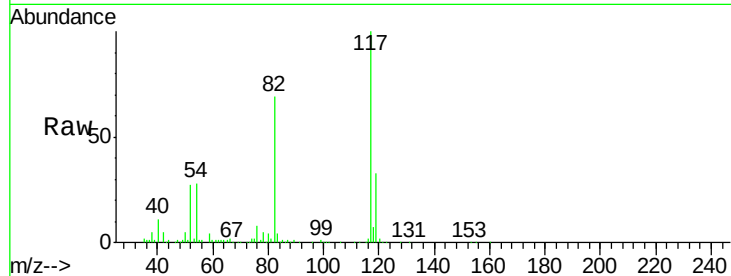




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.57 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VD046807.D
Acq: 21 Sep 2015 15:16

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-2-1

Tot Ion:117 Resp: 203673
Ion Ratio Lower Upper
117 100
82 68.9 50.6 75.8
119 32.6 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: VD046807.D
Acq: 21 Sep 2015 15:16

Tgt Ion:152 Resp: 92549
Ion Ratio Lower Upper
152 100
115 50.7 26.2 78.6
150 155.9 0.0 311.8

