

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046805.D
 Acq On : 21 Sep 2015 14:23
 Operator : FY/SY
 Sample : G3747-03
 Misc : 5.78gm/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-1-3

Quant Time: Sep 22 01:50:20 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

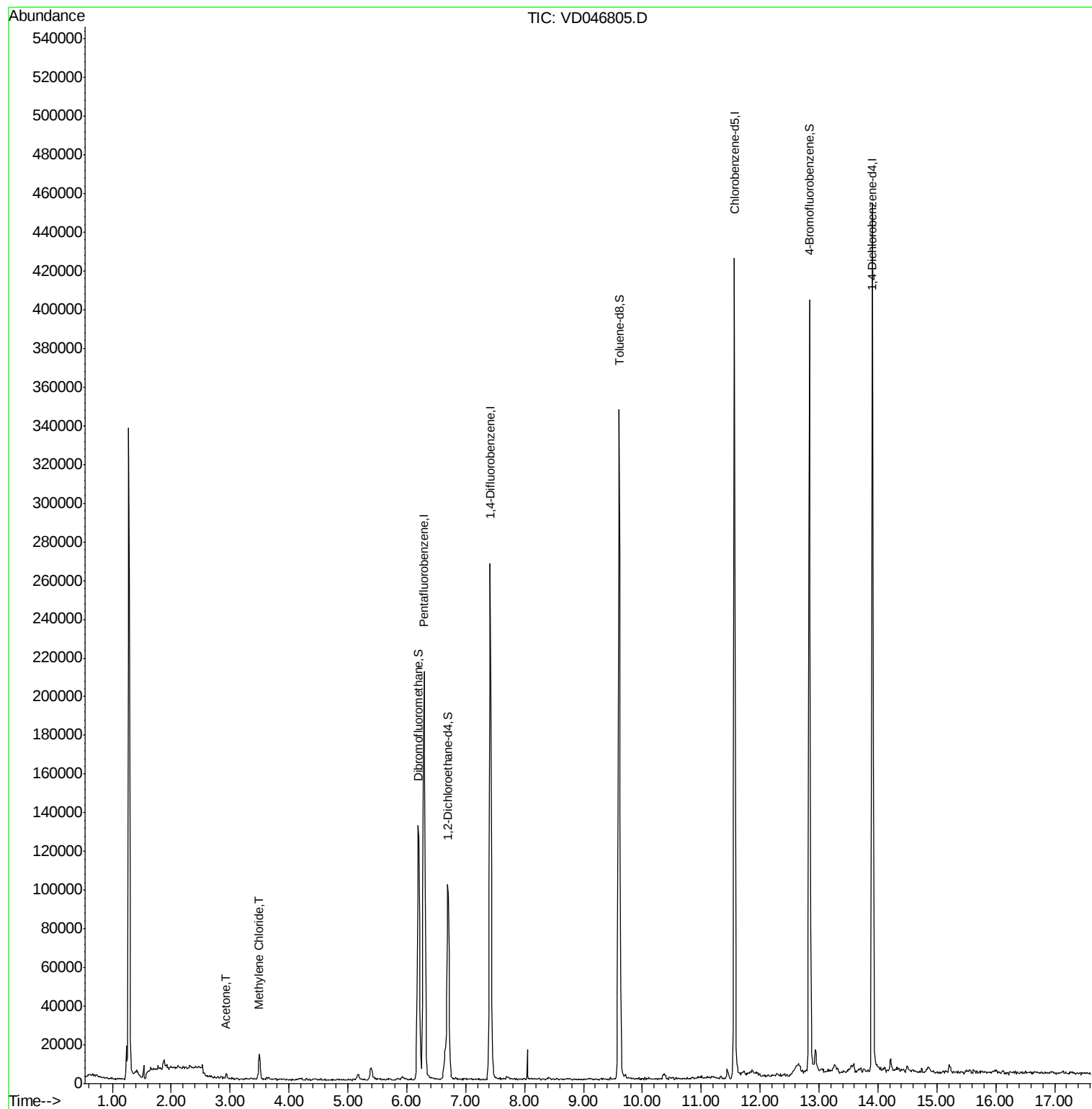
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.29	168	159559	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	213163	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.57	117	217566	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.91	152	118360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.70	65	92700	55.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.76%	
35) Dibromofluoromethane	6.19	113	90275	54.13	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	108.26%	
50) Toluene-d8	9.60	98	273913	52.06	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.84	95	128311	60.57	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	121.14%	
Target Compounds						
17) Acetone	2.94	43	3394	12.11	ug/l	98
21) Methylene Chloride	3.49	84	5442	3.58	ug/l #	88

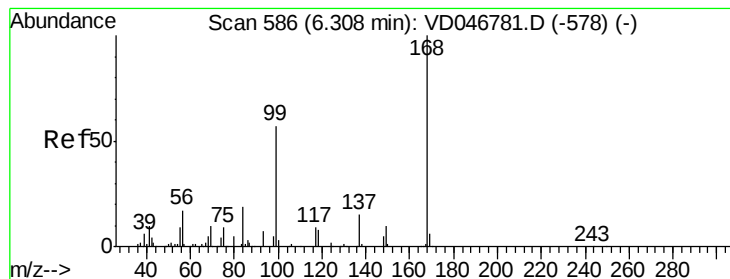
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD046805.D

Acq: 21 Sep 2015 14:23

Instrument :

MSVOA_D

ClientSampleId :

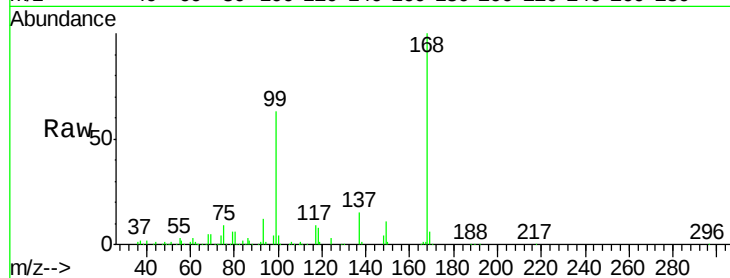
TRENCH-1-3

Tot Ion:168 Resp: 159559

Ion Ratio Lower Upper

168 100

99 62.6 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

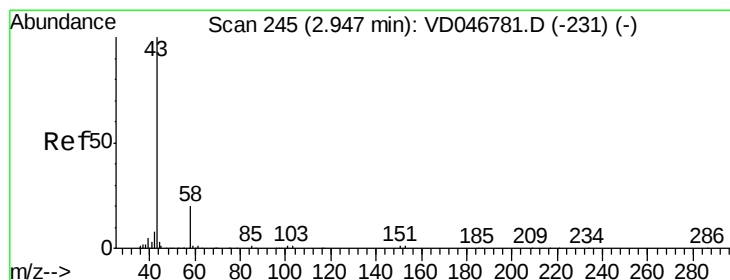
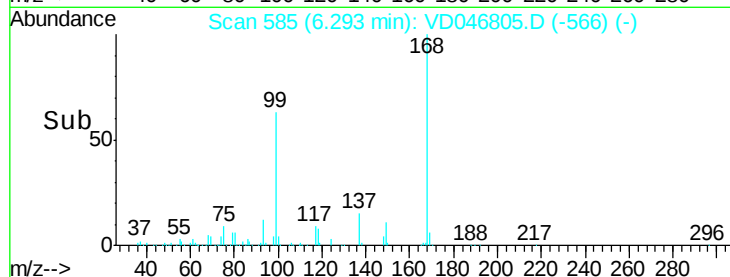
40000

20000

0

Time-->

6.20 6.30 6.40



#17

Acetone

Concen: 12.11 ug/l

RT: 2.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: VD046805.D

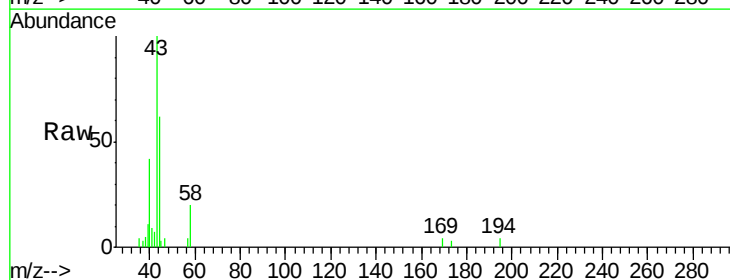
Acq: 21 Sep 2015 14:23

Tgt Ion: 43 Resp: 3394

Ion Ratio Lower Upper

43 100

58 19.7 16.6 24.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.94

1500

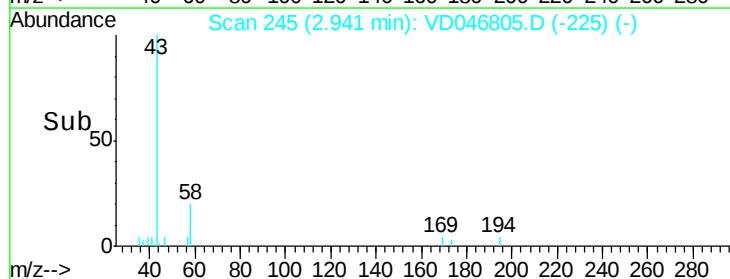
1000

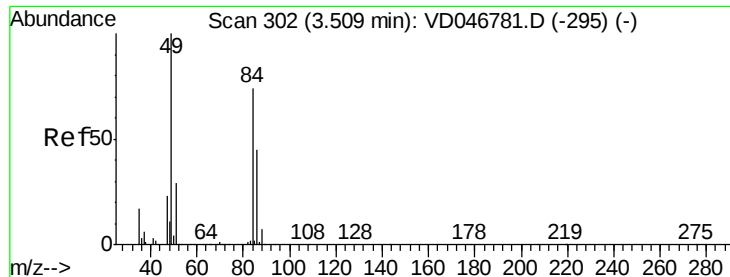
500

0

Time-->

2.85 2.90 2.95 3.00

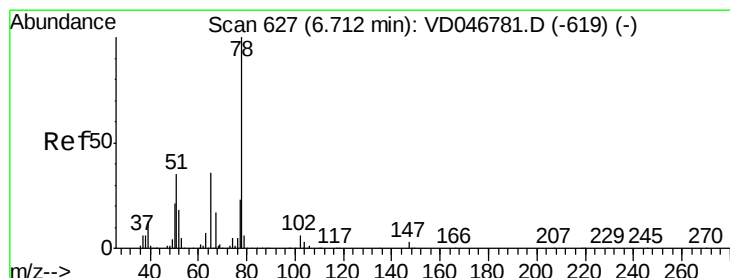
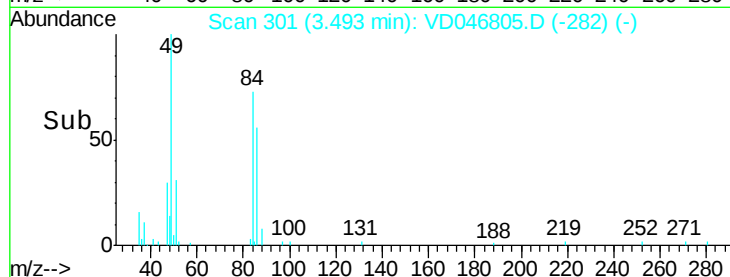
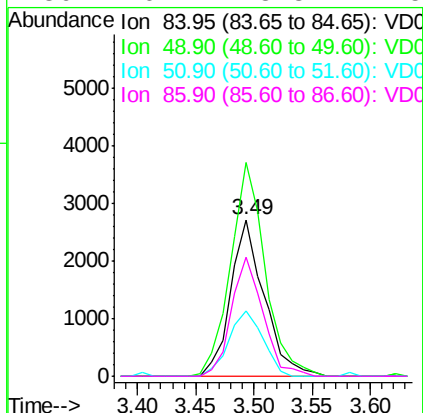
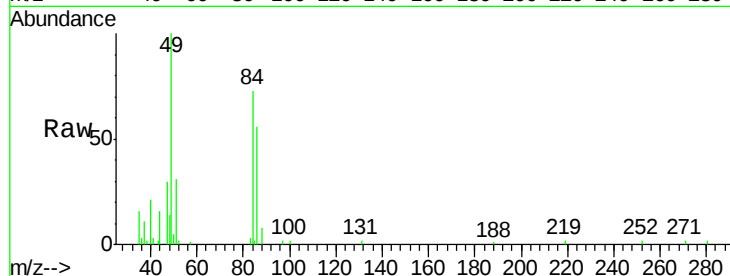




#21
Methvlene Chloride
Concen: 3.58 ug/l
RT: 3.49 min Scan# 301
Delta R.T. -0.02 min
Lab File: VD046805.D
Acq: 21 Sep 2015 14:23

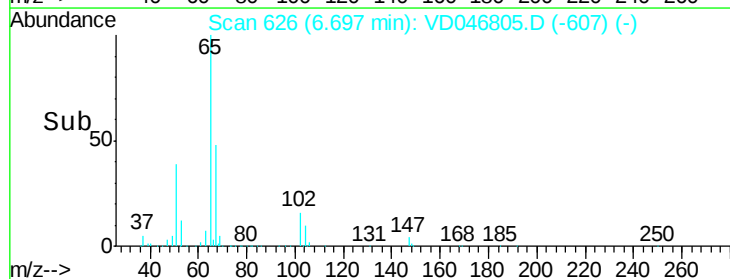
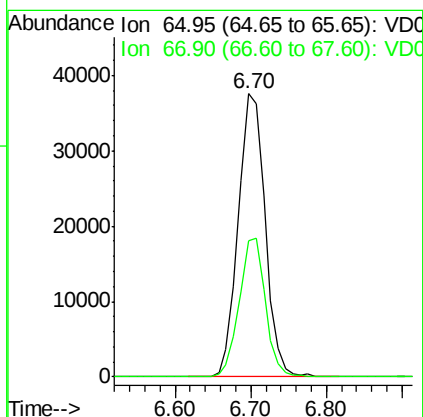
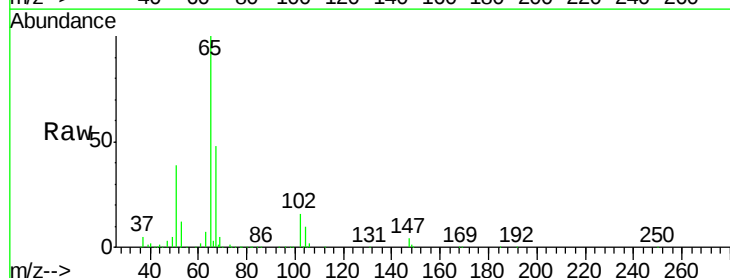
Instrument :
MSVOA_D
ClientSampleId :
TRENCH-1-3

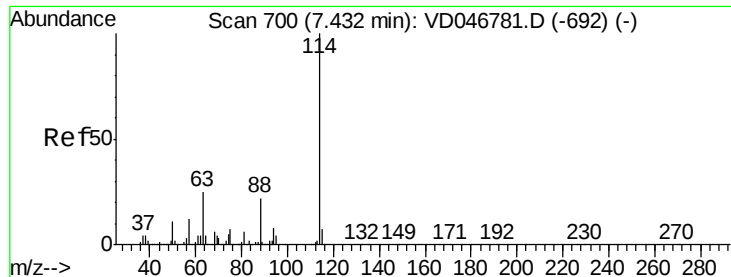
Tot Ion: 84 Resp: 5442
Ion Ratio Lower Upper
84 100
49 136.4 122.1 183.1
51 41.9 33.6 50.4
86 76.1 48.3 72.5#



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.70 min Scan# 626
Delta R.T. -0.02 min
Lab File: VD046805.D
Acq: 21 Sep 2015 14:23

Tgt Ion: 65 Resp: 92700
Ion Ratio Lower Upper
65 100
67 48.0 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 699

Delta R.T. -0.02 min

Lab File: VD046805.D

Acq: 21 Sep 2015 14:23

Instrument :

MSVOA_D

ClientSampleId :

TRENCH-1-3

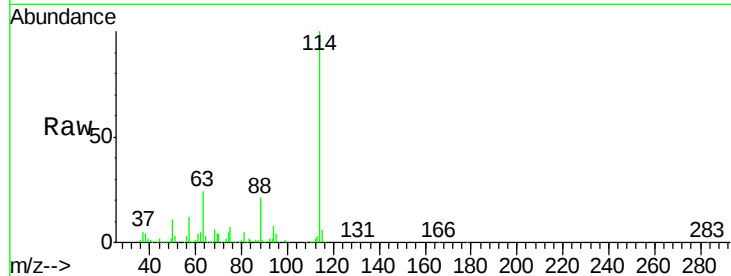
Tot Ion:114 Resp: 213163

Ion Ratio Lower Upper

114 100

63 24.1 0.0 49.8

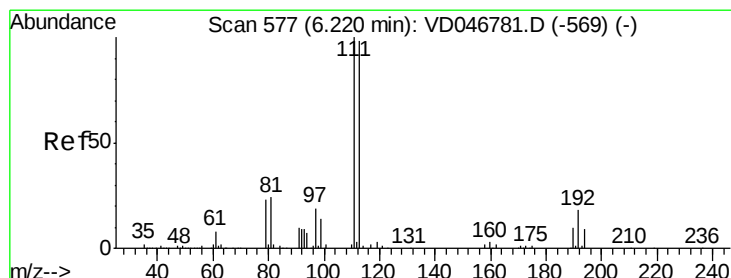
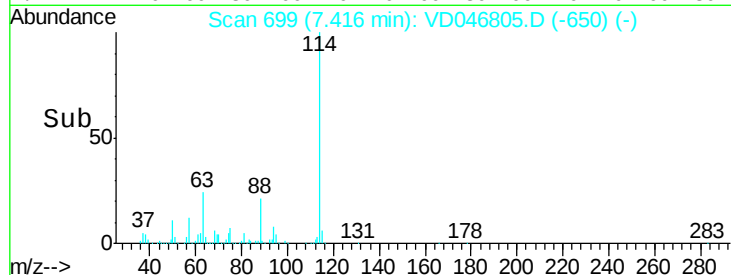
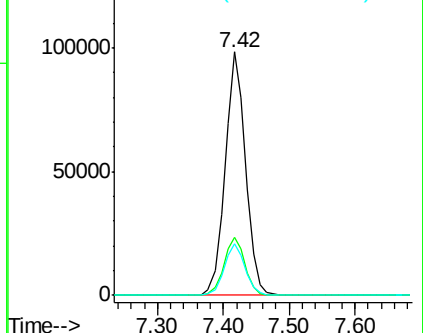
88 21.0 0.0 43.6



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: VD046805.D

Acq: 21 Sep 2015 14:23

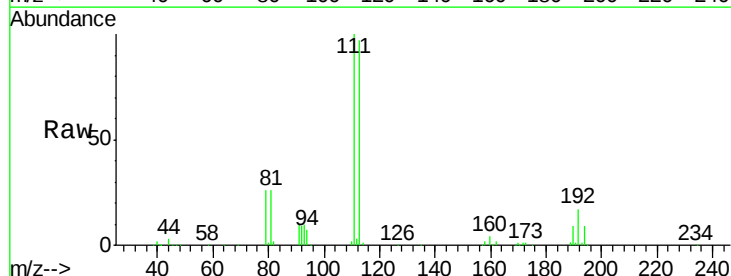
Tgt Ion:113 Resp: 90275

Ion Ratio Lower Upper

113 100

111 103.5 79.4 119.0

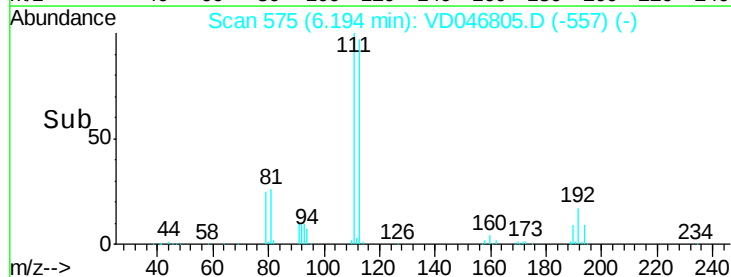
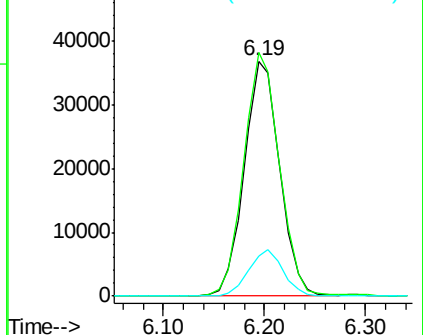
192 17.3 14.6 22.0

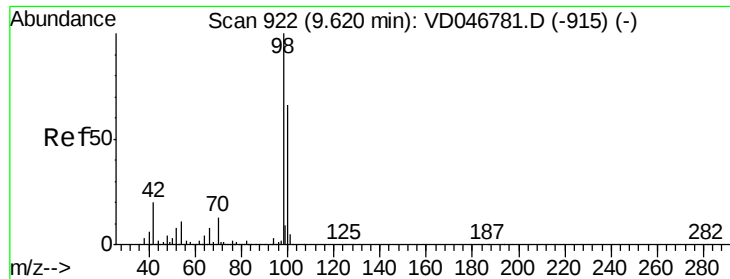


Abundance Ion 112.90 (112.60 to 113.60): V

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: VD046805.D

Acq: 21 Sep 2015 14:23

Instrument :

MSVOA_D

ClientSampleId :

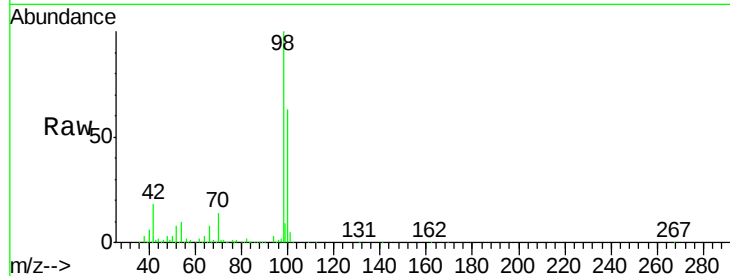
TRENCH-1-3

Tot Ion: 98 Resp: 273913

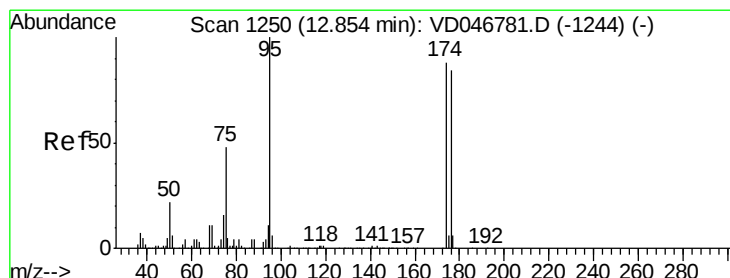
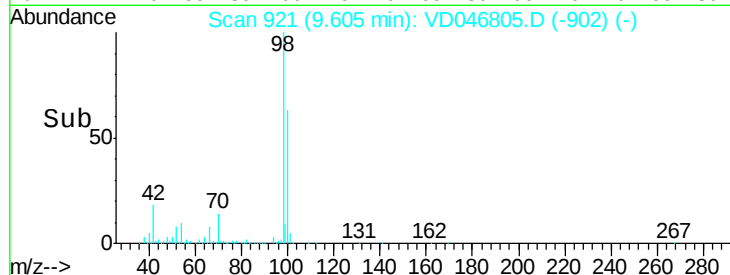
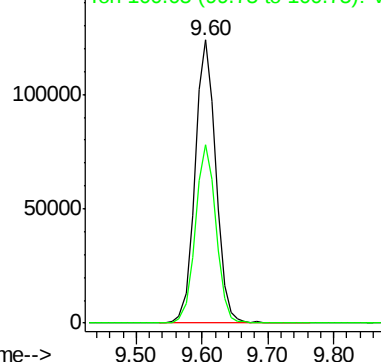
Ion Ratio Lower Upper

98 100

100 62.9 49.9 74.9



Abundance Ion 98.05 (97.75 to 98.75): VD046781.D (-915) (-)



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.84 min Scan# 1249

Delta R.T. -0.02 min

Lab File: VD046805.D

Acq: 21 Sep 2015 14:23

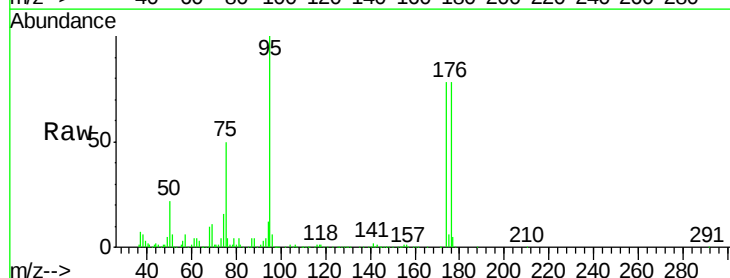
Tgt Ion: 95 Resp: 128311

Ion Ratio Lower Upper

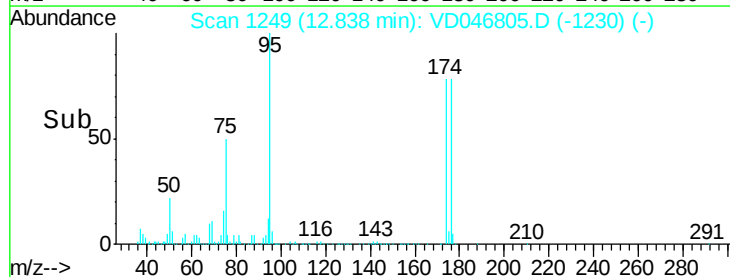
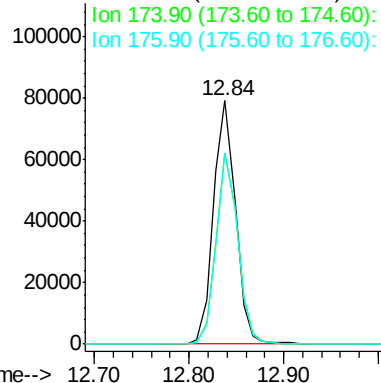
95 100

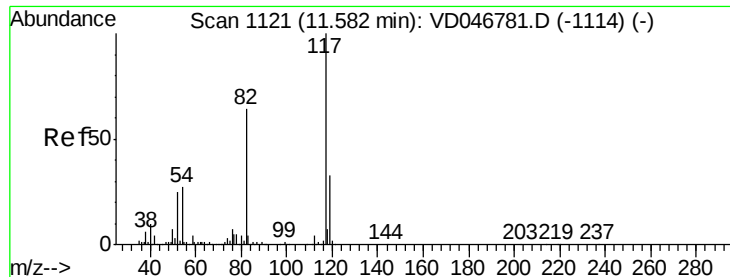
174 78.3 0.0 149.8

176 78.4 0.0 143.4



Abundance Ion 95.00 (94.70 to 95.70): VD046781.D (-1244) (-)

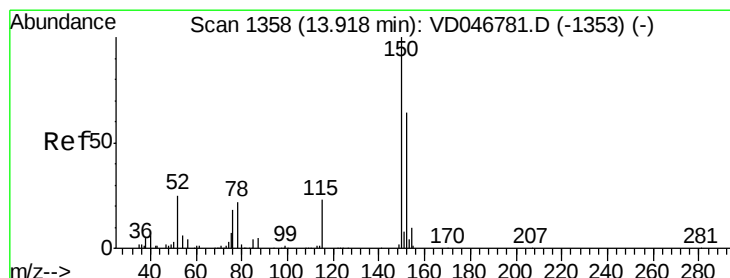
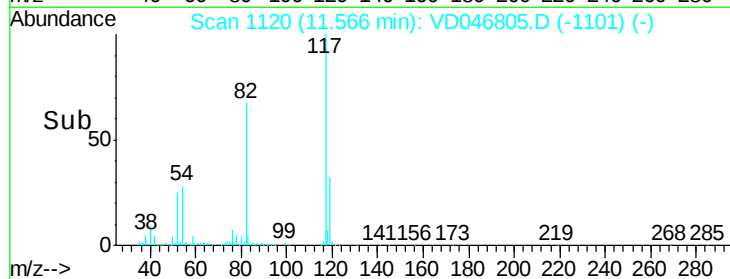
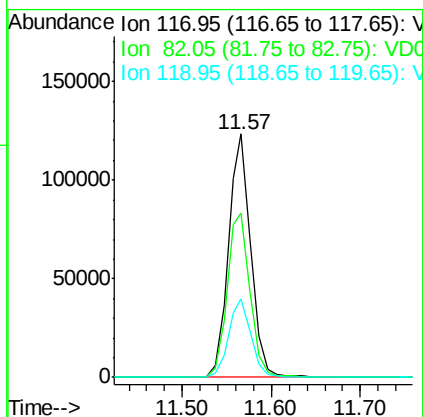
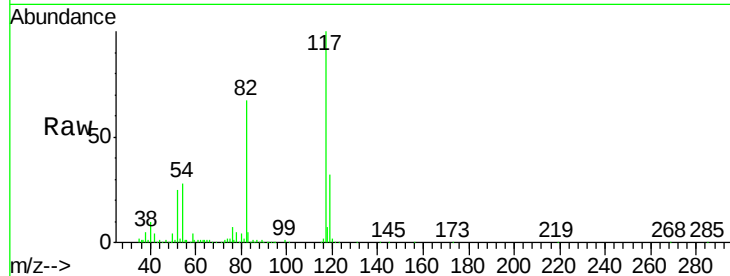




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.57 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VD046805.D
Acq: 21 Sep 2015 14:23

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-1-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.3	50.6	75.8
119	32.5	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: VD046805.D
Acq: 21 Sep 2015 14:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.5	26.2	78.6
150	154.1	0.0	311.8

