

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046808.D
 Acq On : 21 Sep 2015 15:43
 Operator : FY/SY
 Sample : G3747-06
 Misc : 5.92um/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCH-2-2

Quant Time: Sep 22 02:06:37 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

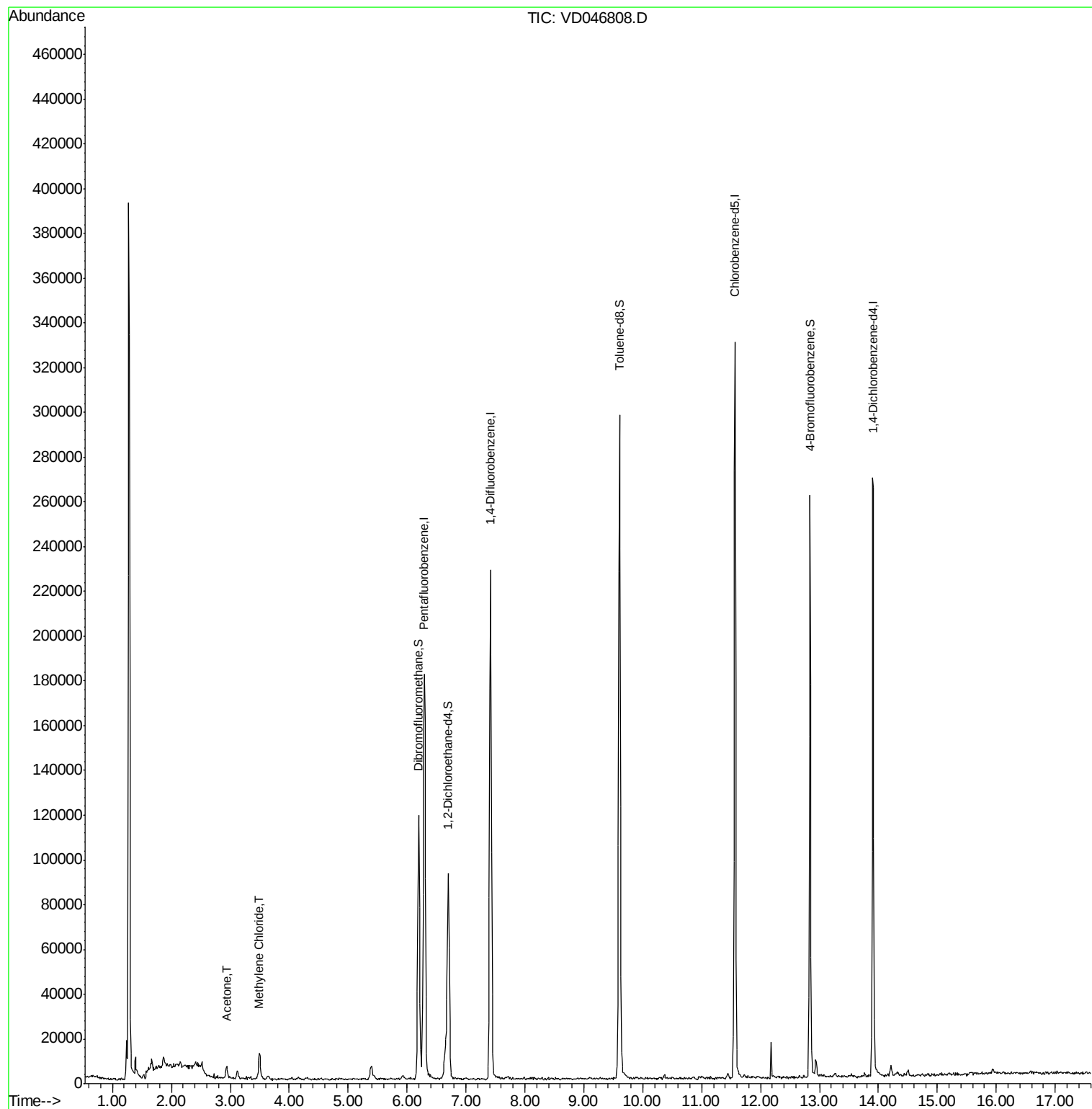
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.29	168	142687	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	186947	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.57	117	158028	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.91	152	74644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.71	65	81995	55.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.54%	
35) Dibromofluoromethane	6.19	113	83146	56.85	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	113.70%	
50) Toluene-d8	9.60	98	227639	49.33	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.84	95	80232	43.18	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	86.36%	
Target Compounds						
17) Acetone	2.94	43	8095	32.29	ug/l	# 85
21) Methylene Chloride	3.49	84	5270	3.87	ug/l	87

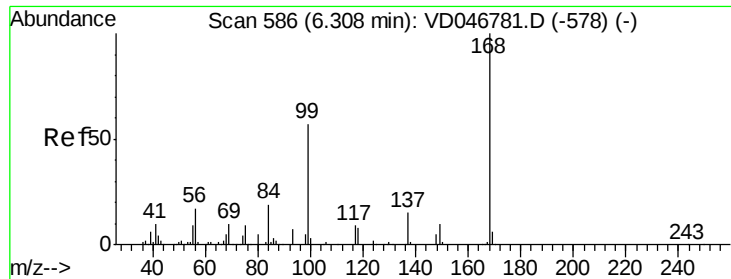
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD046808.D

Acq: 21 Sep 2015 15:43

Instrument :

MSVOA_D

ClientSampleId :

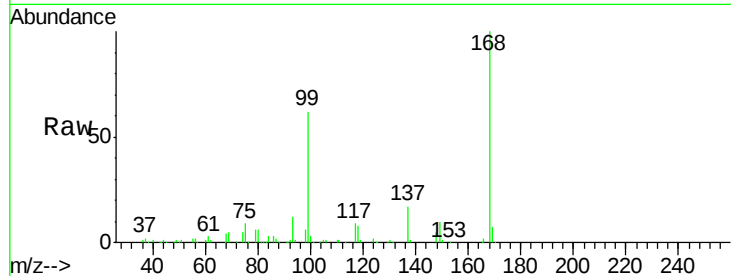
TRENCH-2-2

Tot Ion:168 Resp: 142687

Ion Ratio Lower Upper

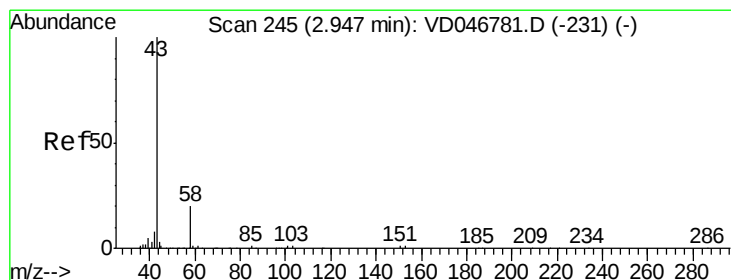
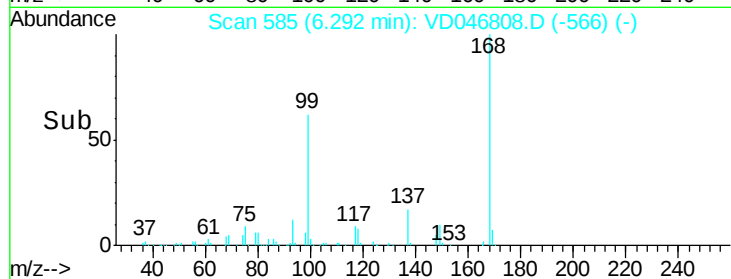
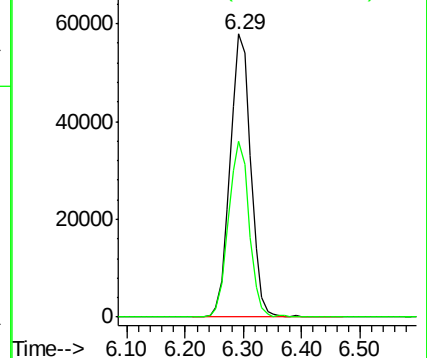
168 100

99 62.3 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: 32.29 ug/l

RT: 2.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: VD046808.D

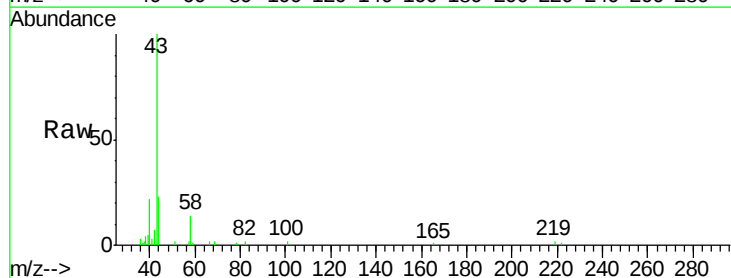
Acq: 21 Sep 2015 15:43

Tgt Ion: 43 Resp: 8095

Ion Ratio Lower Upper

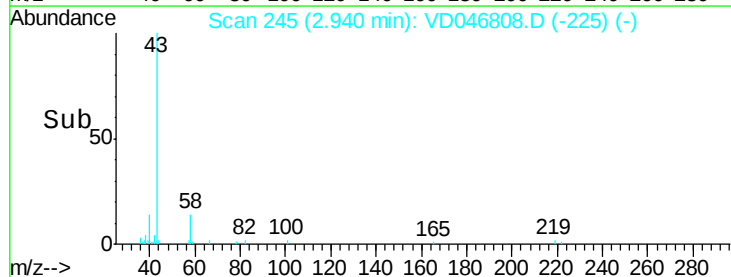
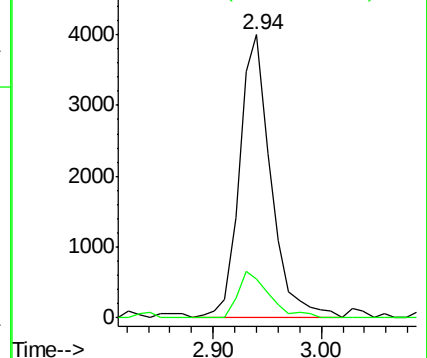
43 100

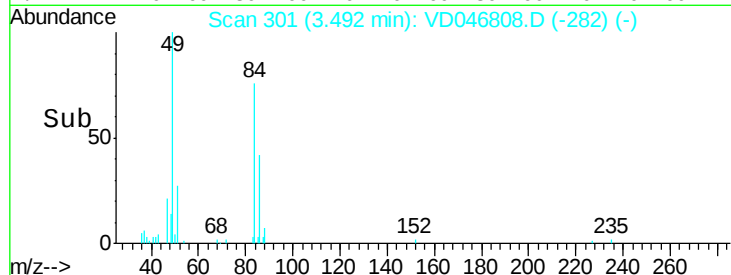
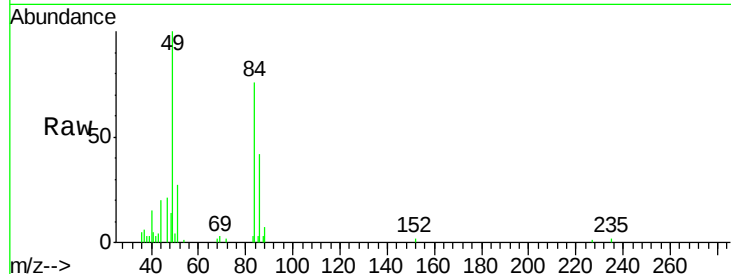
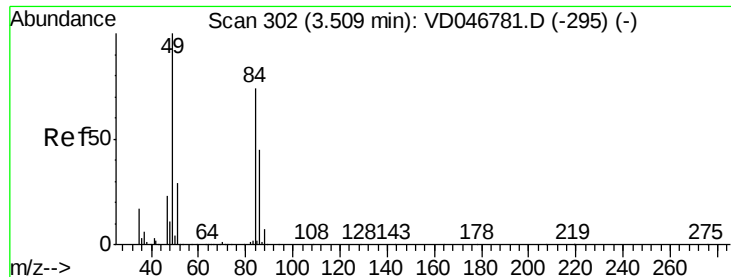
58 13.7 16.6 24.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

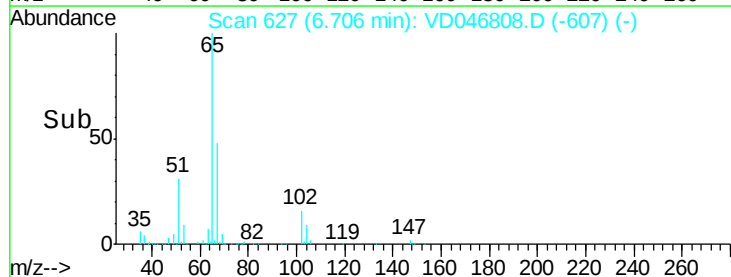
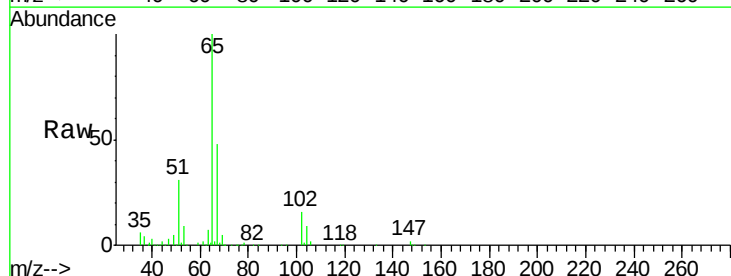
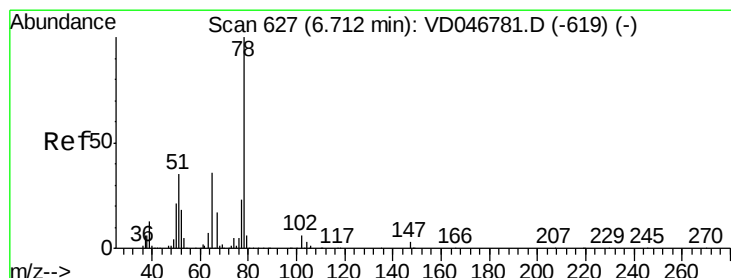
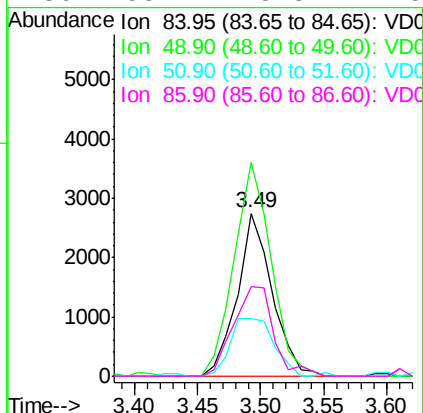




#21
Methvlene Chloride
Concen: 3.87 ug/l
RT: 3.49 min Scan# 301
Delta R.T. -0.02 min
Lab File: VD046808.D
Acq: 21 Sep 2015 15:43

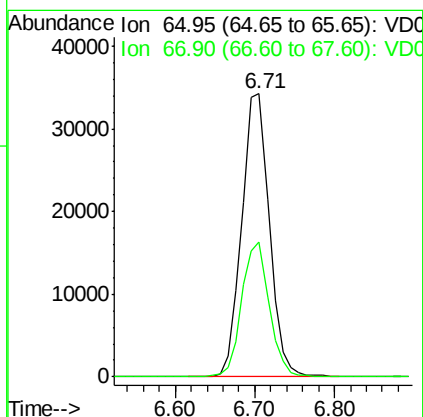
Instrument :
MSVOA_D
ClientSampleId :
TRENCH-2-2

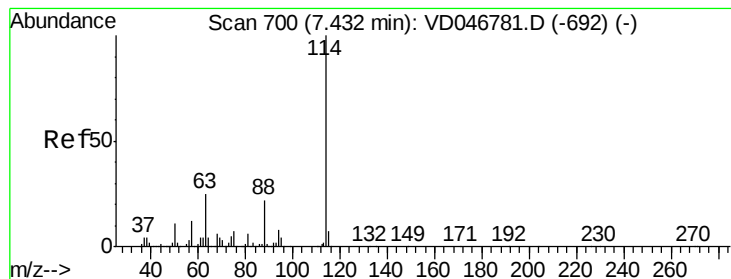
Tot Ion:	84	Resp:	5270
Ion	Ratio	Lower	Upper
84	100		
49	131.1	122.1	183.1
51	35.3	33.6	50.4
86	55.1	48.3	72.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.71 min Scan# 627
Delta R.T. -0.01 min
Lab File: VD046808.D
Acq: 21 Sep 2015 15:43

Tgt Ion:	65	Resp:	81995
Ion	Ratio	Lower	Upper
65	100		
67	47.5	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: VD046808.D

Acq: 21 Sep 2015 15:43

Instrument :

MSVOA_D

ClientSampleId :

TRENCH-2-2

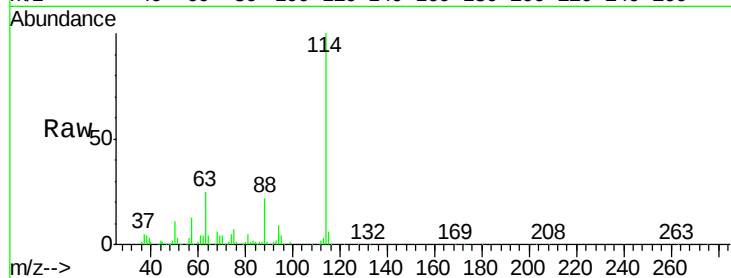
Tot Ion:114 Resp: 186947

Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.8

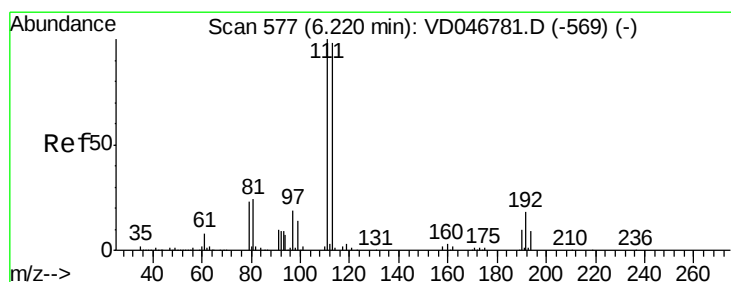
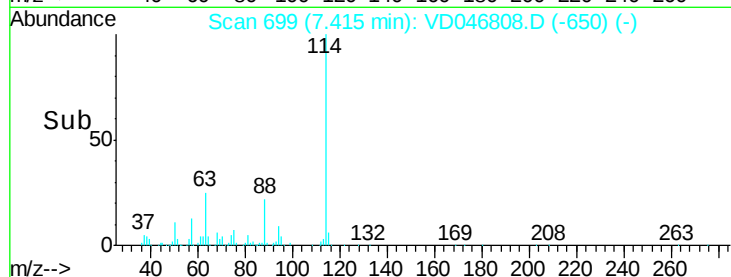
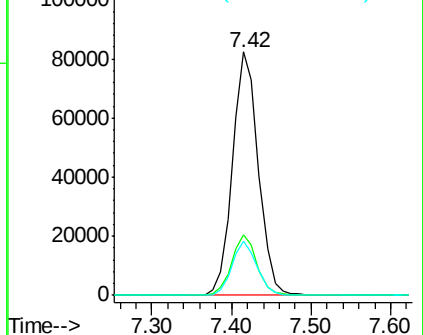
88 22.2 0.0 43.6



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: VD046808.D

Acq: 21 Sep 2015 15:43

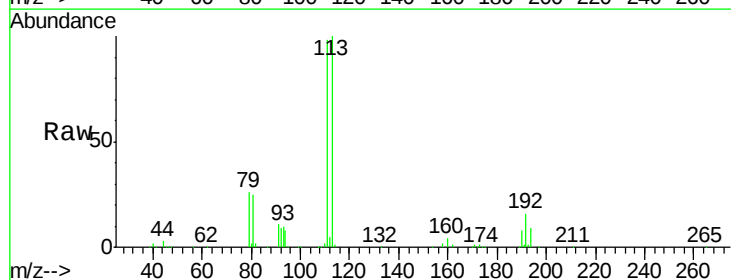
Tgt Ion:113 Resp: 83146

Ion Ratio Lower Upper

113 100

111 98.0 79.4 119.0

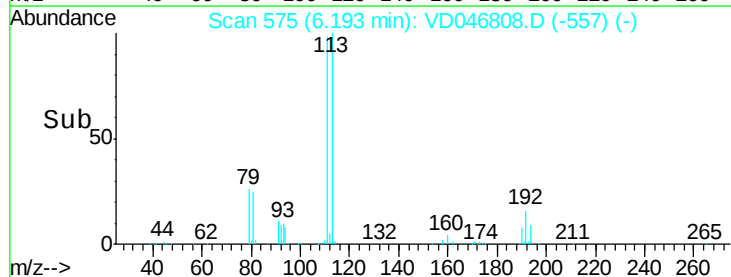
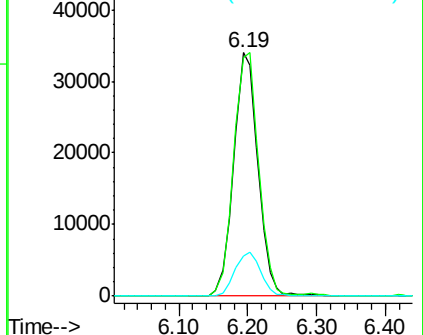
192 16.2 14.6 22.0

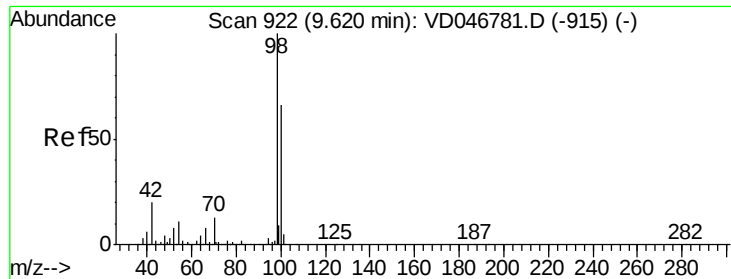


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

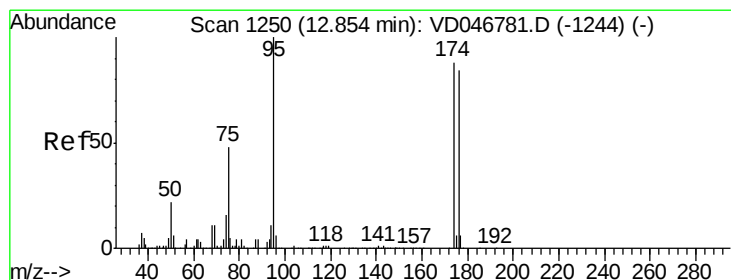
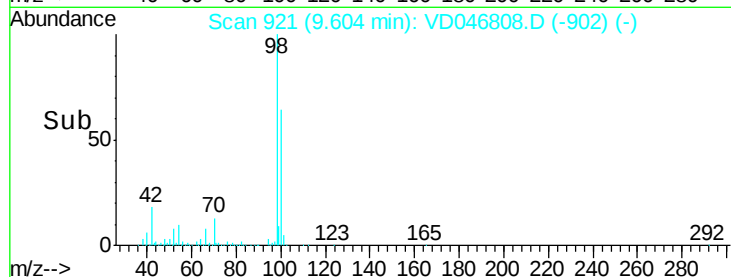
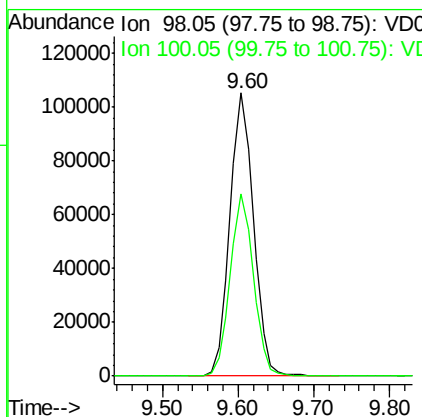
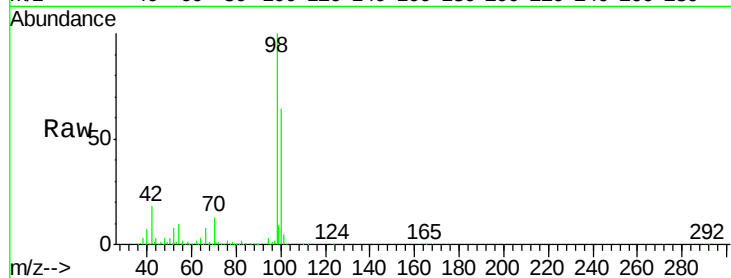




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.60 min Scan# 921
Delta R.T. -0.02 min
Lab File: VD046808.D
Acq: 21 Sep 2015 15:43

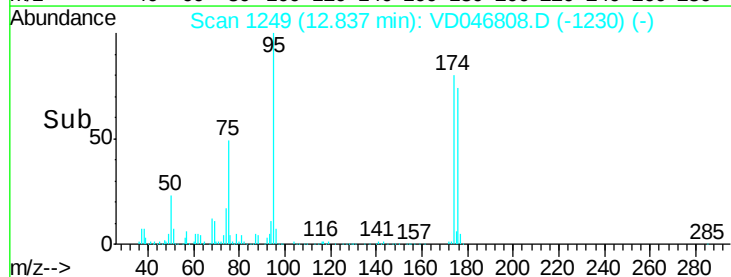
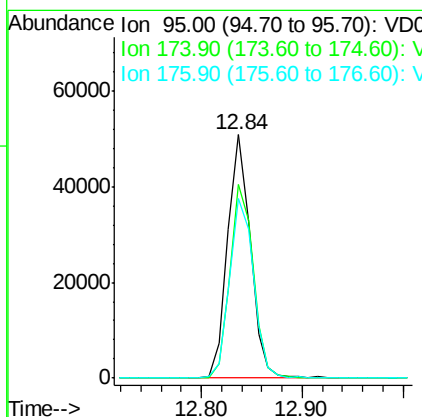
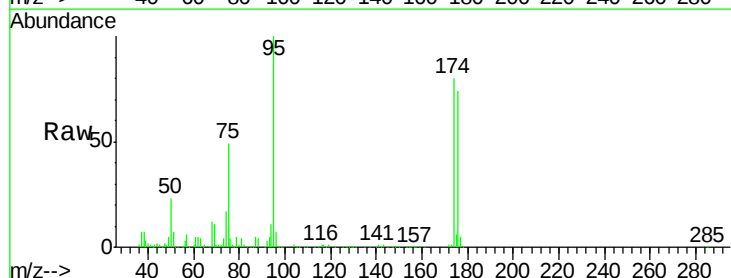
Instrument :
MSVOA_D
ClientSampleId :
TRENCH-2-2

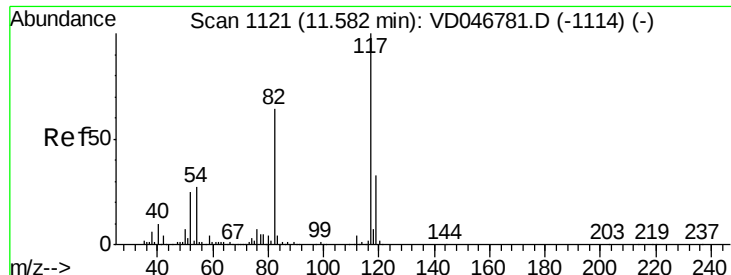
Tot Ion: 98 Resp: 227639
Ion Ratio Lower Upper
98 100
100 64.3 49.9 74.9



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.84 min Scan# 1249
Delta R.T. -0.02 min
Lab File: VD046808.D
Acq: 21 Sep 2015 15:43

Tgt Ion: 95 Resp: 80232
Ion Ratio Lower Upper
95 100
174 79.8 0.0 149.8
176 73.7 0.0 143.4

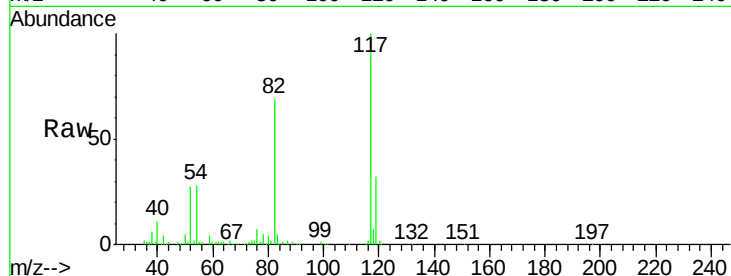




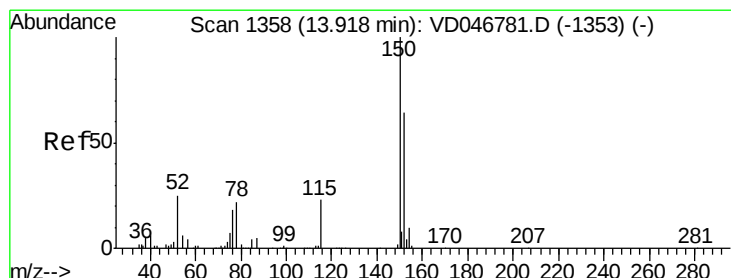
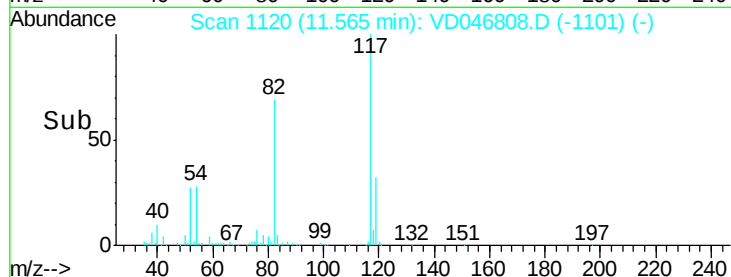
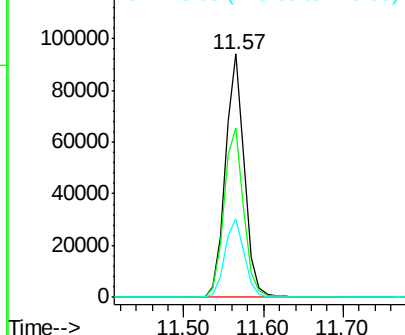
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.57 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VD046808.D
Acq: 21 Sep 2015 15:43

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-2-2

Tot Ion:117 Resp: 158028
Ion Ratio Lower Upper
117 100
82 69.4 50.6 75.8
119 32.3 25.8 38.8

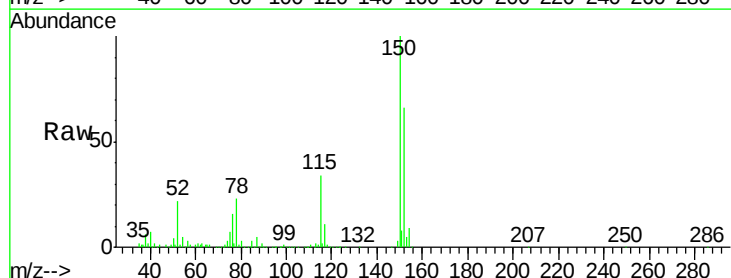


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.91 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VD046808.D
Acq: 21 Sep 2015 15:43

Tgt Ion:152 Resp: 74644
Ion Ratio Lower Upper
152 100
115 51.5 26.2 78.6
150 151.7 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

