

Data Path : W:\HPCHEM1\MSVOA H\DATA\VH092115\
 Data File : VH057096.D
 Acq On : 21 Sep 2015 17:36
 Operator : SY/FY
 Sample : G3747-02MEDL 10X
 Misc : 6.55/10mL/100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 TRENCH-1-2MEDL

Quant Time: Sep 22 06:53:35 2015
 Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:34:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.82	168	857528	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.55	114	1463271	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.71	117	1090991	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.49	152	291158	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.79	65	641680	41.90	ug/l	-0.02
Spiked Amount	50.000	Range	66 - 150	Recovery	=	83.80%
35) Dibromofluoromethane	4.07	113	591940	50.81	ug/l	-0.02
Spiked Amount	50.000	Range	76 - 130	Recovery	=	101.62%
48) Toluene-d8	7.50	98	1645189	49.11	ug/l	-0.02
Spiked Amount	50.000	Range	78 - 121	Recovery	=	98.22%
62) 4-Bromofluorobenzene	11.35	95	535067	47.36	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	94.72%

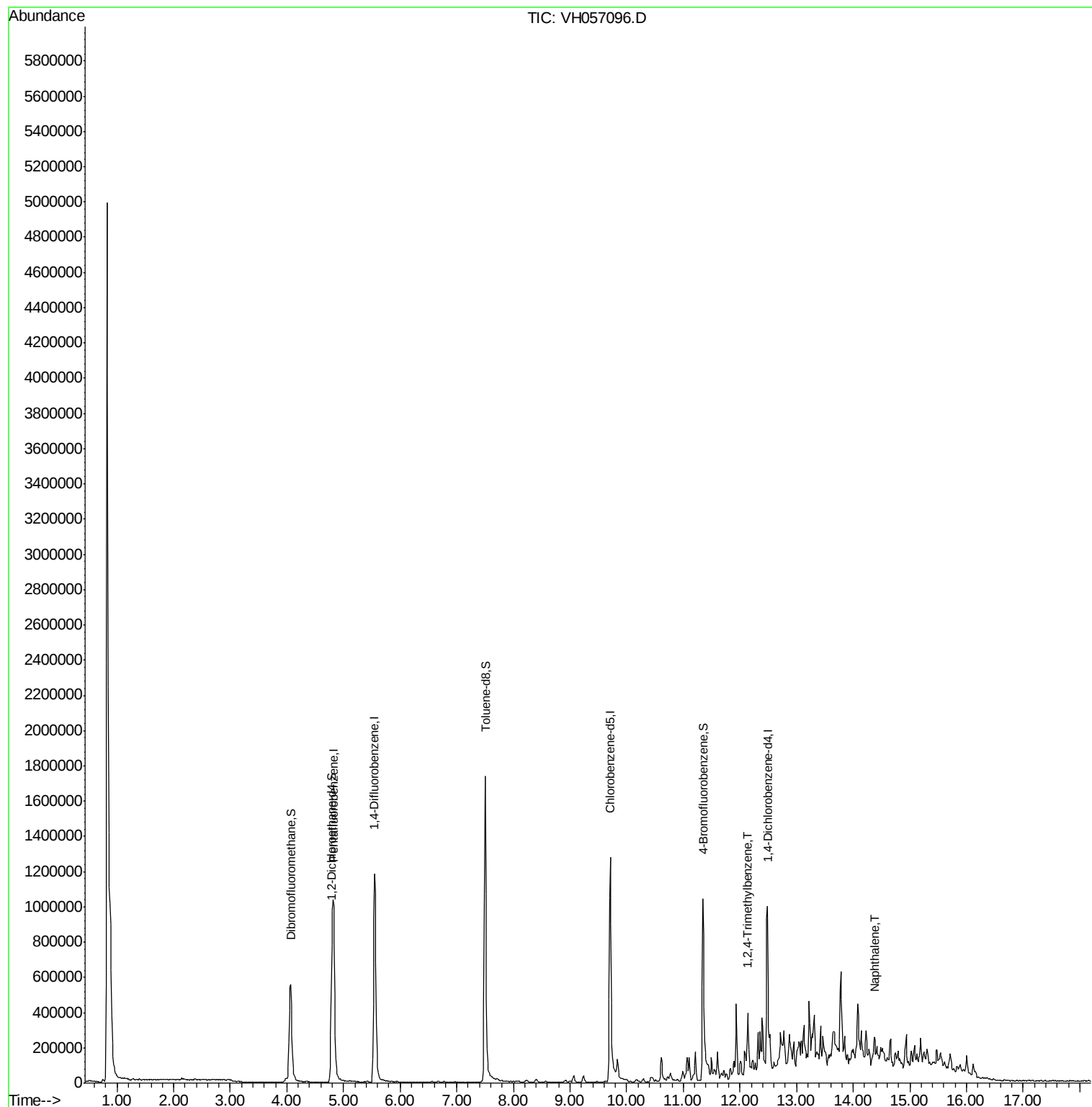
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
84) 1,2,4-Trimethylbenzene	12.14	105	56444	3.15	ug/l	98
95) Naphthalene	14.38	128	65256	12.82	ug/l	# 94

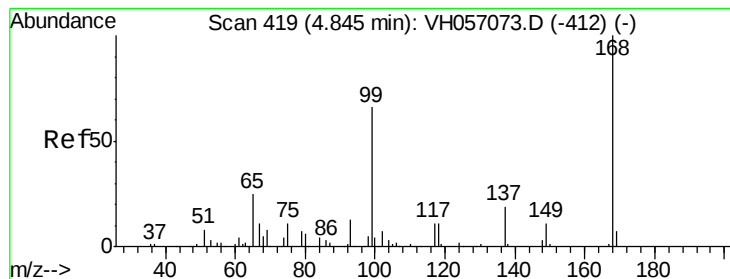
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:34:01 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.82 min Scan# 418

Delta R.T. -0.02 min

Lab File: VH057096.D

Acq: 21 Sep 2015 17:36

Instrument :

MSVOA_H

ClientSampleId :

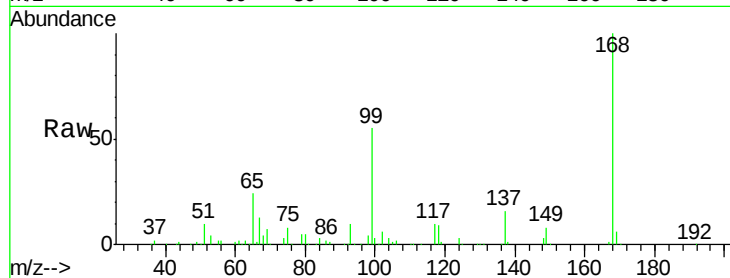
TRENCH-1-2MEDL

Tot Ion:168 Resp: 857528

Ion Ratio Lower Upper

168 100

99 55.1 55.8 83.6#



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VHC

4.82

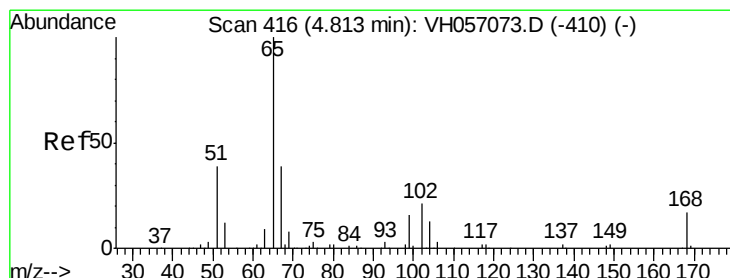
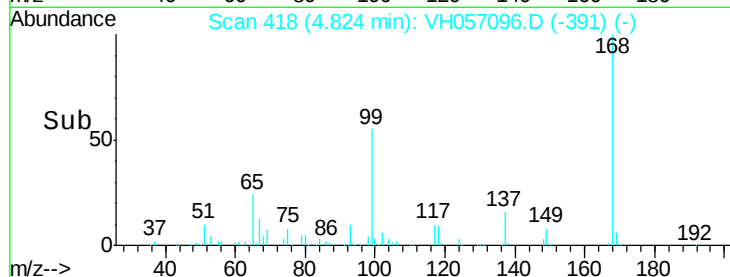
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.90 ug/l

RT: 4.79 min Scan# 415

Delta R.T. -0.02 min

Lab File: VH057096.D

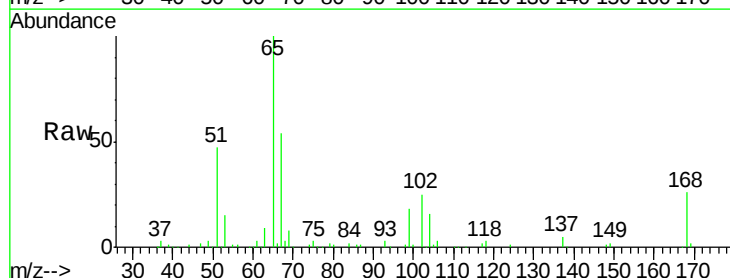
Acq: 21 Sep 2015 17:36

Tgt Ion: 65 Resp: 641680

Ion Ratio Lower Upper

65 100

67 53.6 43.2 64.8



Abundance Ion 65.00 (64.70 to 65.70): VHC

Ion 67.00 (66.70 to 67.70): VHC

4.79

200000

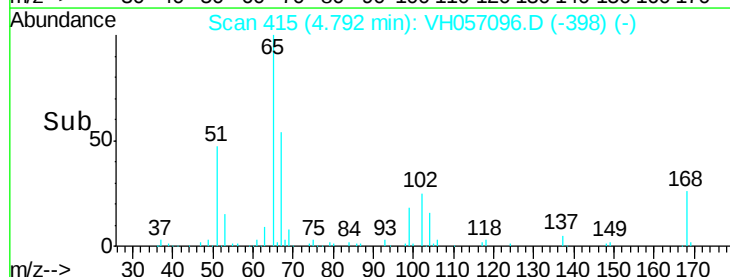
150000

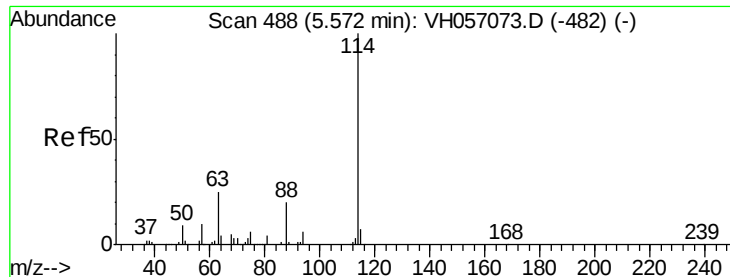
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.55 min Scan# 487

Delta R.T. -0.02 min

Lab File: VH057096.D

Acq: 21 Sep 2015 17:36

Instrument :

MSVOA_H

ClientSampleId :

TRENCH-1-2MEDL

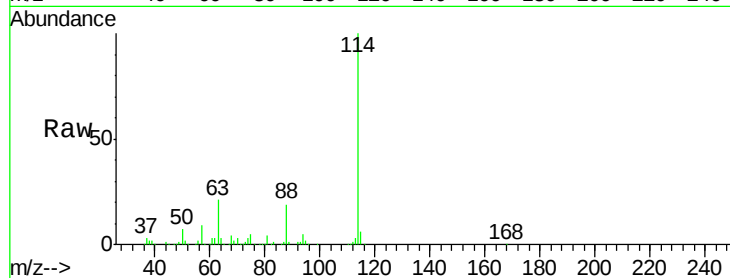
Tot Ion:114 Resp: 1463271

Ion Ratio Lower Upper

114 100

63 21.2 19.0 28.4

88 18.5 15.7 23.5



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): V

Ion 88.00 (87.70 to 88.70): V

600000

400000

200000

0

5.55

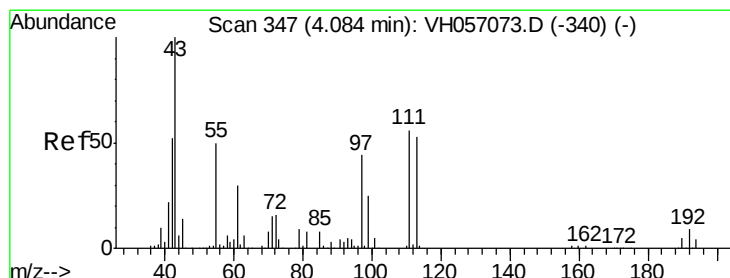
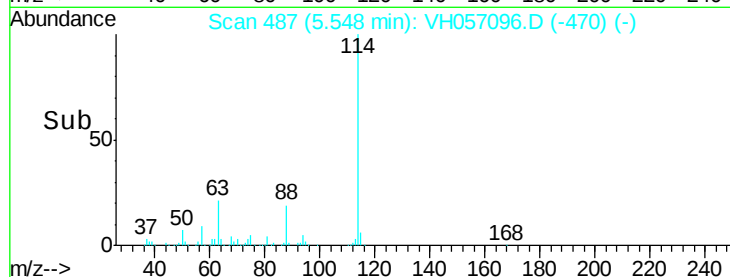
5.40

5.50

5.60

5.70

Time-->



#35

Dibromofluoromethane

Concen: 50.81 ug/l

RT: 4.07 min Scan# 346

Delta R.T. -0.02 min

Lab File: VH057096.D

Acq: 21 Sep 2015 17:36

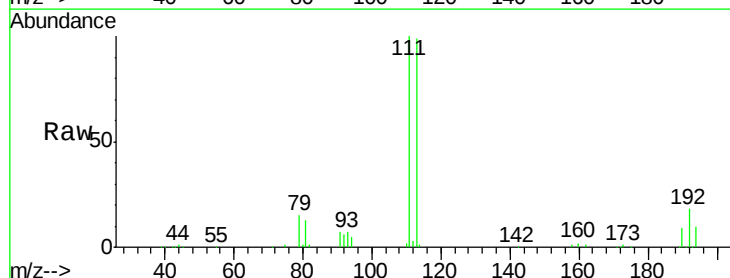
Tgt Ion:113 Resp: 591940

Ion Ratio Lower Upper

113 100

111 101.3 84.0 126.0

192 18.3 13.6 20.4



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

250000

200000

150000

100000

50000

0

4.07

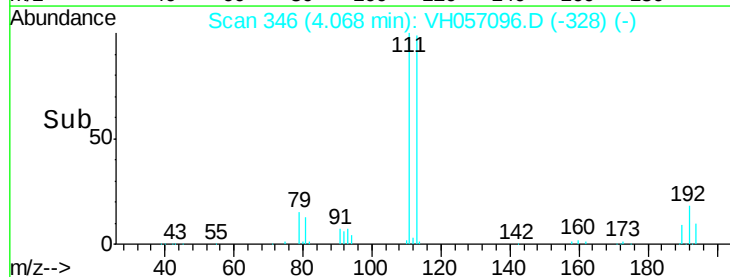
3.90

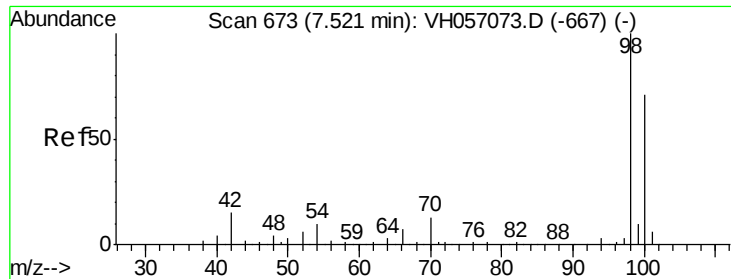
4.00

4.10

4.20

Time-->

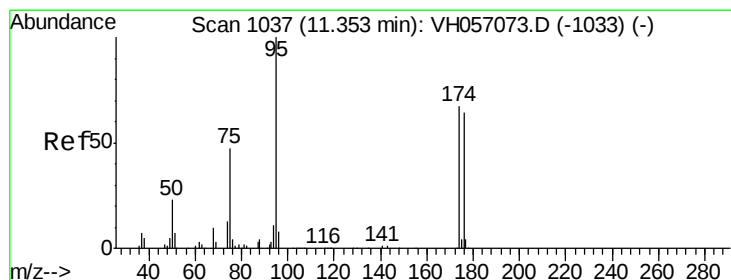
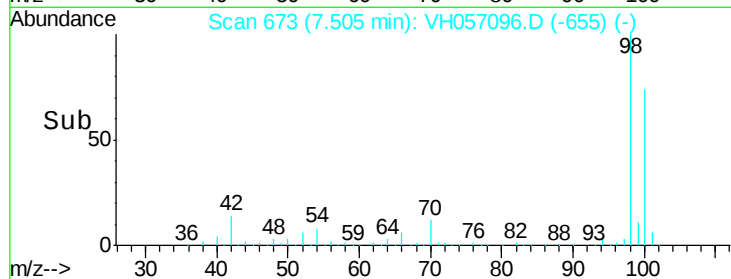
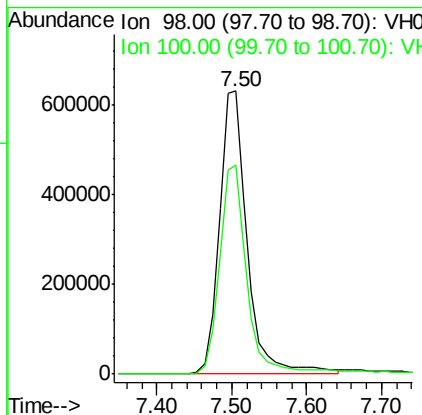
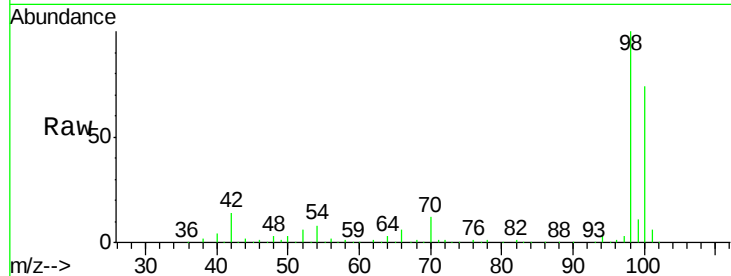




#48
Toluene-d8
Concen: 49.11 ug/l
RT: 7.50 min Scan# 673
Delta R.T. -0.02 min
Lab File: VH057096.D
Acq: 21 Sep 2015 17:36

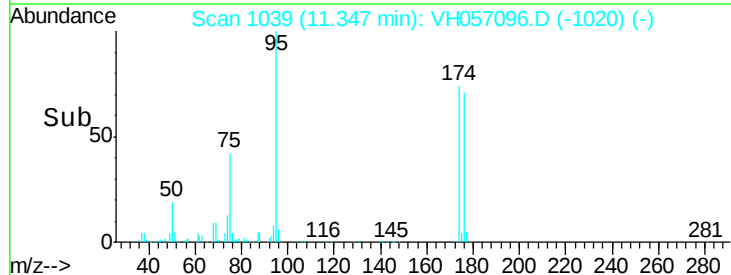
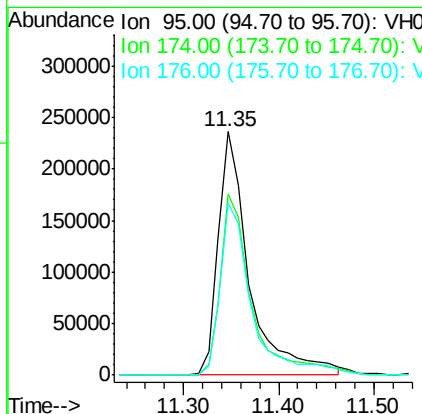
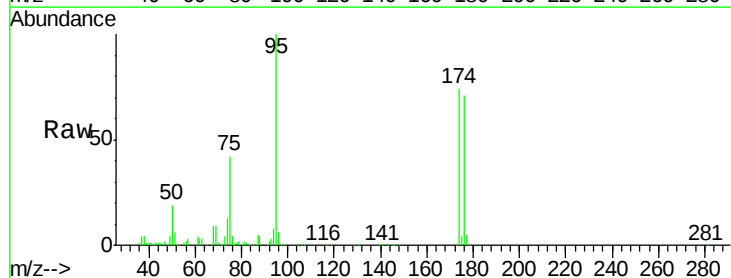
Instrument :
MSVOA_H
ClientSampleId :
TRENCH-1-2MEDL

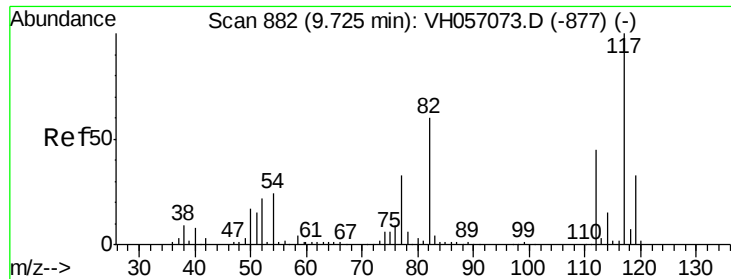
Tot Ion: 98 Resp: 1645189
Ion Ratio Lower Upper
98 100
100 73.8 56.7 85.1



#62
4-Bromofluorobenzene
Concen: 47.36 ug/l
RT: 11.35 min Scan# 1039
Delta R.T. -0.01 min
Lab File: VH057096.D
Acq: 21 Sep 2015 17:36

Tgt Ion: 95 Resp: 535067
Ion Ratio Lower Upper
95 100
174 74.2 58.4 87.6
176 70.9 54.3 81.5

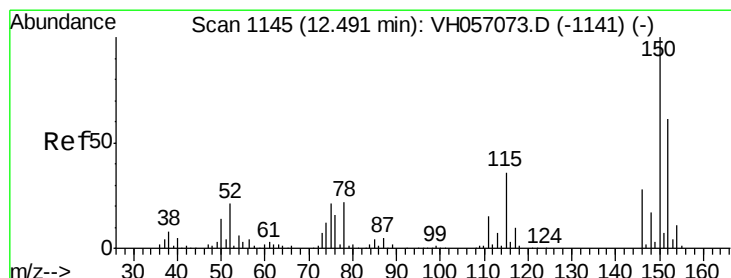
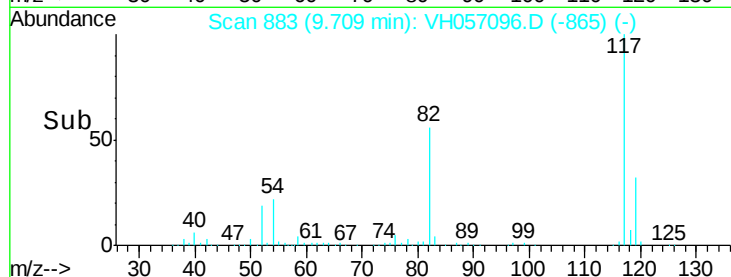
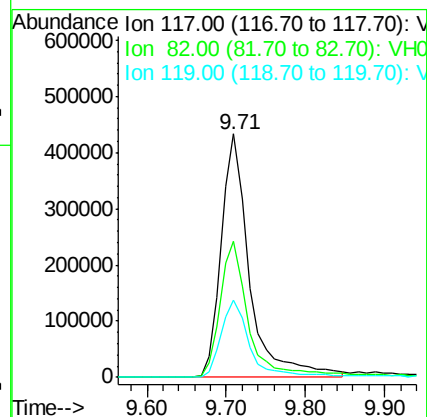
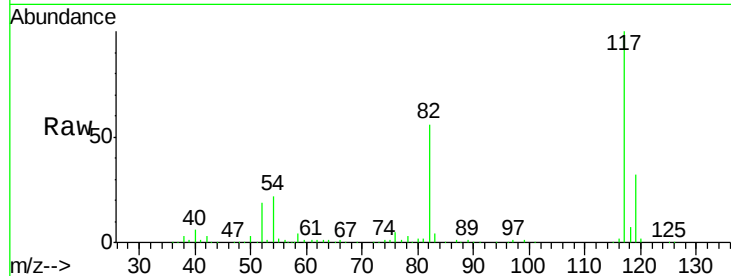




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.71 min Scan# 883
Delta R.T. -0.02 min
Lab File: VH057096.D
Acq: 21 Sep 2015 17:36

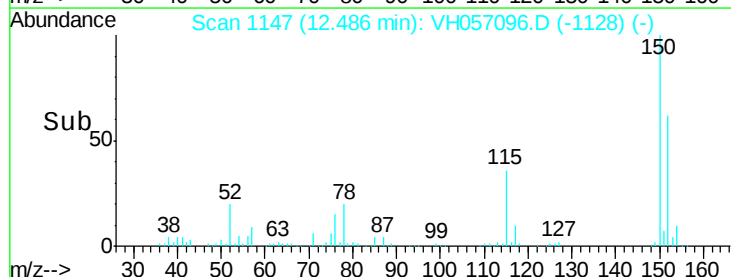
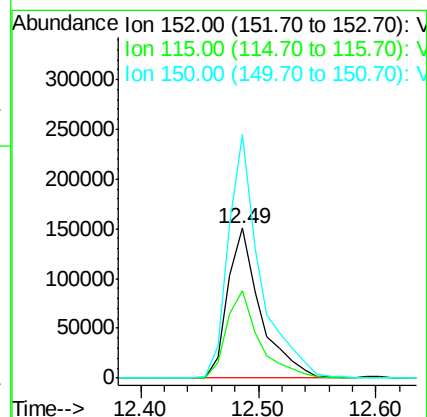
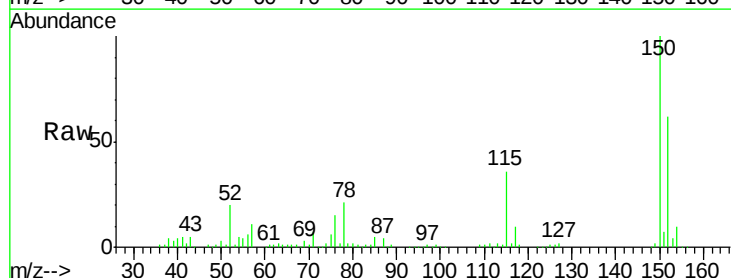
Instrument :
MSVOA_H
ClientSampleId :
TRENCH-1-2MEDL

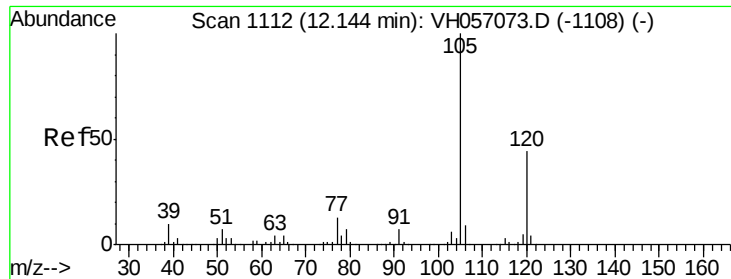
Tot Ion:117 Resp: 1090991
Ion Ratio Lower Upper
117 100
82 56.0 51.0 76.6
119 31.6 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.49 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VH057096.D
Acq: 21 Sep 2015 17:36

Tgt Ion:152 Resp: 291158
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.6
150 162.5 0.0 332.0

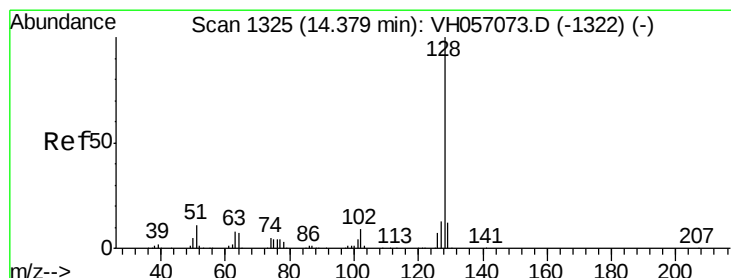
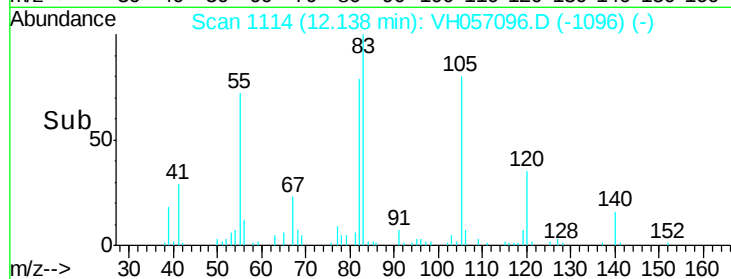
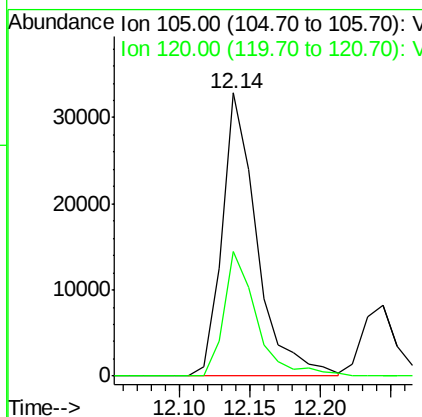
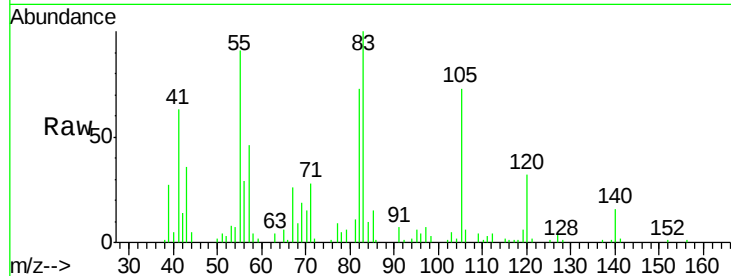




#84
 1,2,4-Trimethylbenzene
 Concen: 3.15 ug/l
 RT: 12.14 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: VH057096.D
 Acq: 21 Sep 2015 17:36

Instrument :
 MSVOA_H
 ClientSampleId :
 TRENCH-1-2MEDL

Tot Ion:105 Resp: 56444
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.6 67.7



#95
 Naphthalene
 Concen: 12.82 ug/l
 RT: 14.38 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: VH057096.D
 Acq: 21 Sep 2015 17:36

Tgt Ion:128 Resp: 65256
 Ion Ratio Lower Upper
 128 100
 127 10.6 9.6 14.4
 129 14.1 8.7 13.1#

