

Data Path : W:\HPCHEM1\MSVOA_H\DATA\XH092215\
 Data File : XH057104.D
 Acq On : 22 Sep 2015 14:29
 Operator : SY/FY
 Sample : G3747-02
 Misc : 6.55g/10mL//100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 TRENCH-1-2

Quant Time: Sep 23 04:58:29 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	938689	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.54	114	1679215	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.70	117	1337582	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.49	152	463591	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		4.78	65	769107	45.88	ug/l	-0.03
Spiked Amount	50.000	Range	66 - 150	Recovery	=	91.76%	
35) Dibromofluoromethane		4.06	113	685104	51.24	ug/l	-0.03
Spiked Amount	50.000	Range	76 - 130	Recovery	=	102.48%	
48) Toluene-d8		7.50	98	1870614	48.66	ug/l	-0.02
Spiked Amount	50.000	Range	78 - 121	Recovery	=	97.32%	
62) 4-Bromofluorobenzene		11.35	95	690417	53.25	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	106.50%	

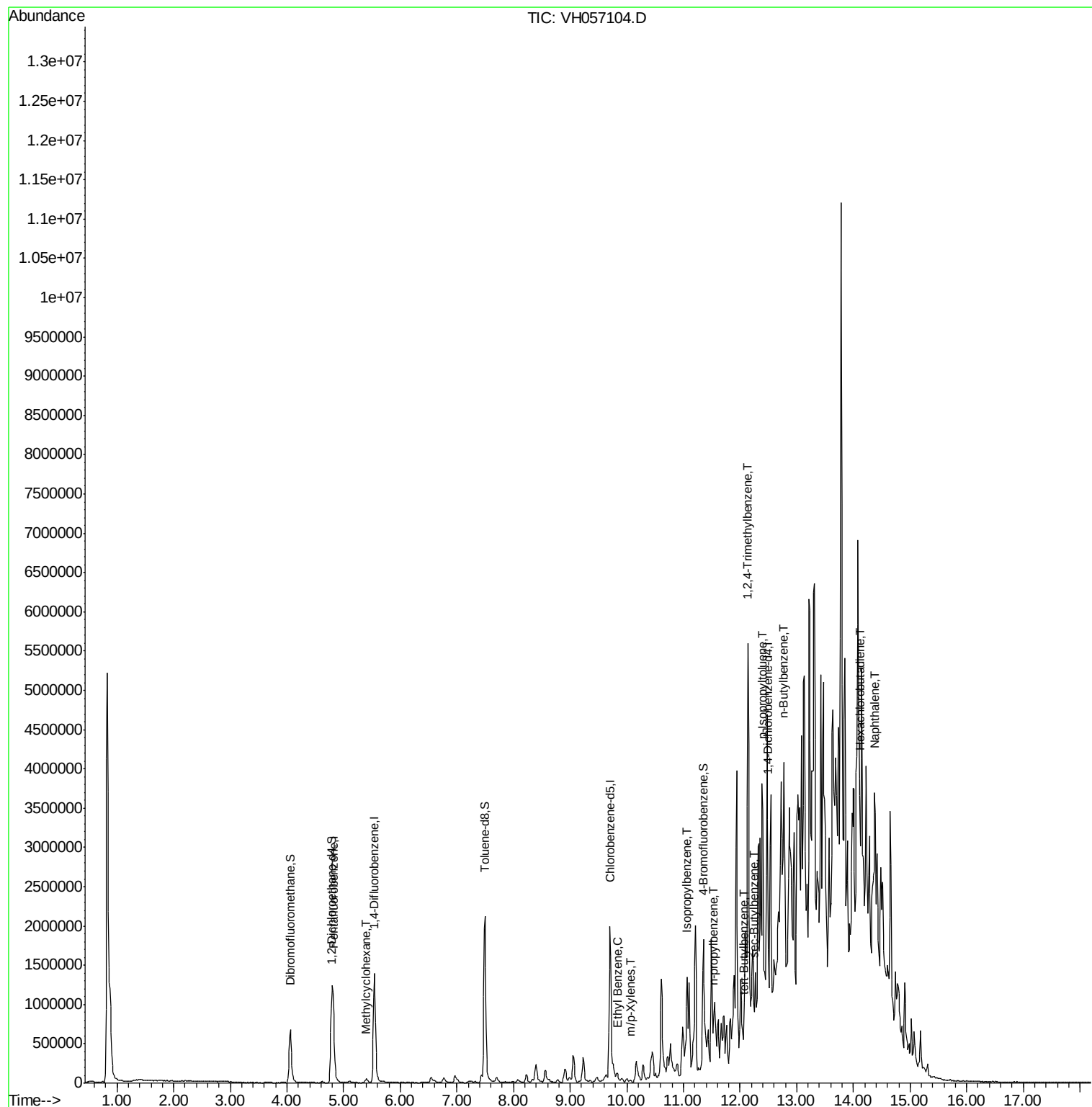
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Methylcyclohexane	5.39	83	28035	2.64	ug/l	98
67) Ethyl Benzene	9.83	106	8488	0.61	ug/l	90
68) m/p-Xylenes	10.06	106	10526	0.62	ug/l	89
73) Isopropylbenzene	11.06	105	38974	0.92	ug/l	99
78) n-propylbenzene	11.53	91	122483	2.71	ug/l	94
83) tert-Butylbenzene	12.06	119	10084	0.39	ug/l #	68
84) 1,2,4-Trimethylbenzene	12.14	105	840247	29.43	ug/l	98
85) sec-Butylbenzene	12.24	105	219354	7.85	ug/l	87
86) p-Isopropyltoluene	12.39	119	203441	9.59	ug/l	96
89) n-Butylbenzene	12.77	91	341941	20.17	ug/l	94
94) Hexachlorobutadiene	14.11	225	8703	6.49	ug/l	94
95) Naphthalene	14.38	128	639994	53.91	ug/l #	89

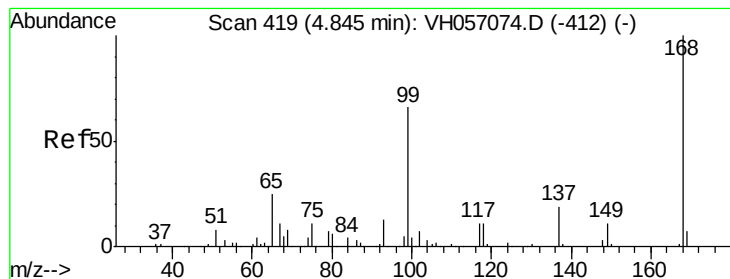
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TRENCH-1-2

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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# 417

Delta R.T. -0.03 min

Lab File: VH057104.D

Acq: 22 Sep 2015 14:29

Instrument :

MSVOA_H

ClientSampleId :

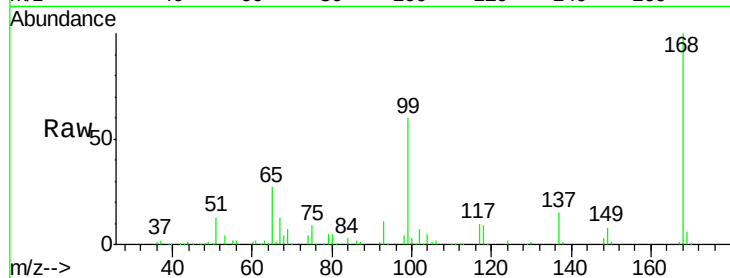
TRENCH-1-2

Tgt Ion:168 Resp: 938689

Ion Ratio Lower Upper

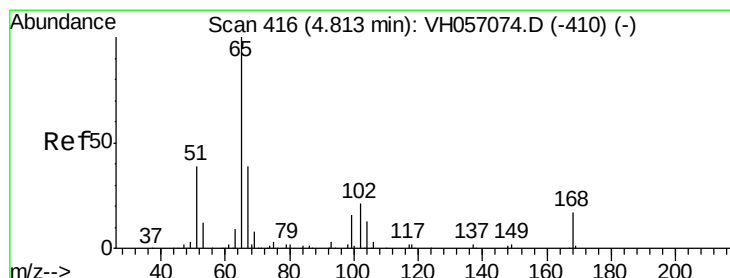
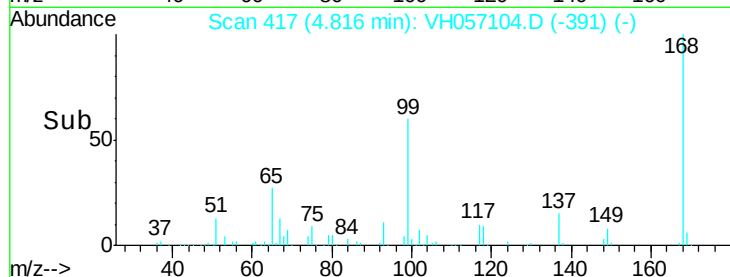
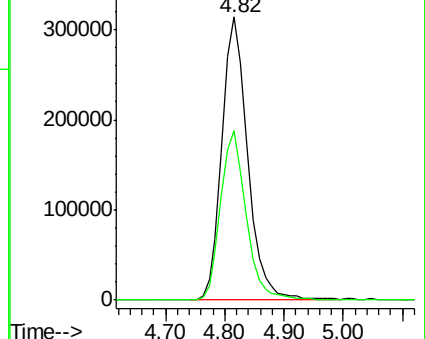
168 100

99 60.1 55.8 83.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VH0



#33

1,2-Dichloroethane-d4

Concen: 45.88 ug/l

RT: 4.78 min Scan# 414

Delta R.T. -0.03 min

Lab File: VH057104.D

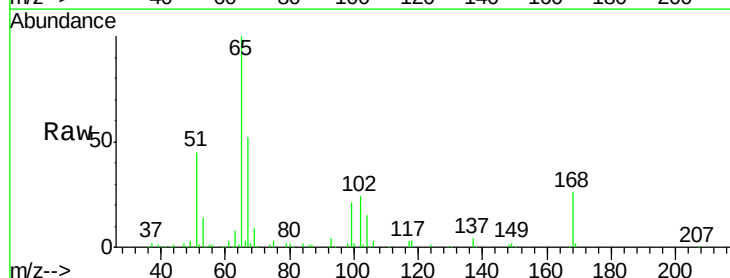
Acq: 22 Sep 2015 14:29

Tgt Ion: 65 Resp: 769107

Ion Ratio Lower Upper

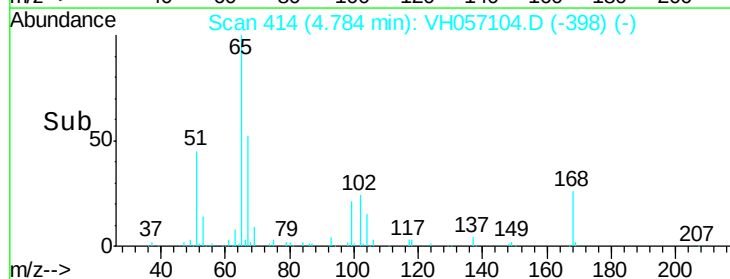
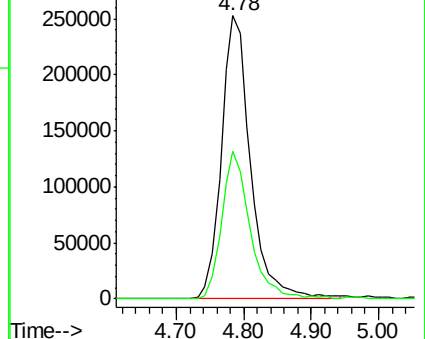
65 100

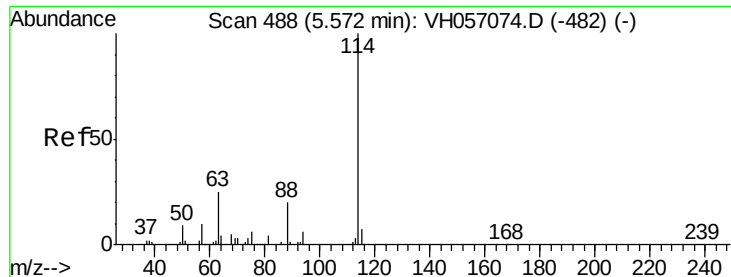
67 52.3 43.2 64.8



Abundance Ion 65.00 (64.70 to 65.70): VH0

Ion 67.00 (66.70 to 67.70): VH0

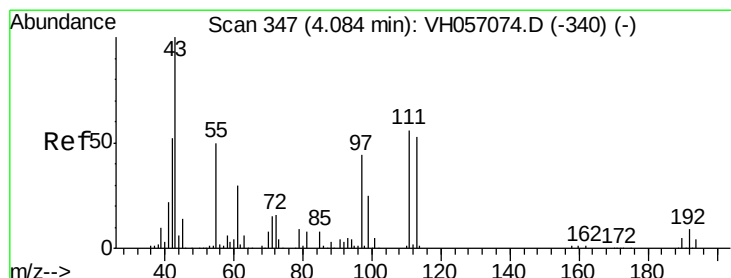
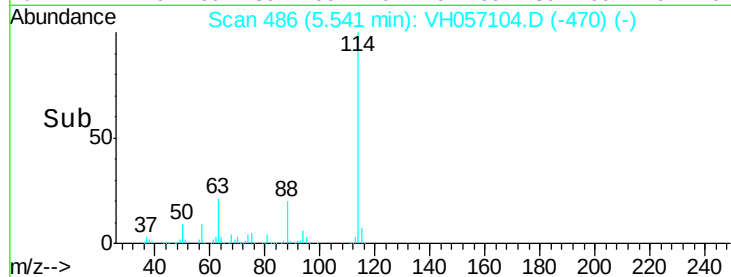
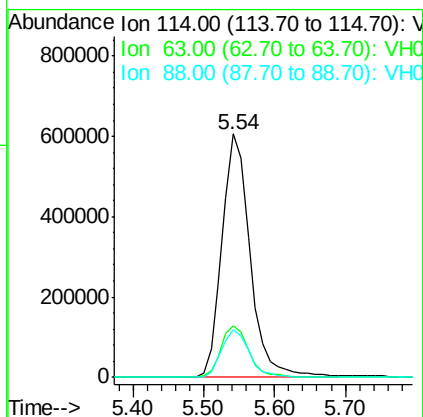
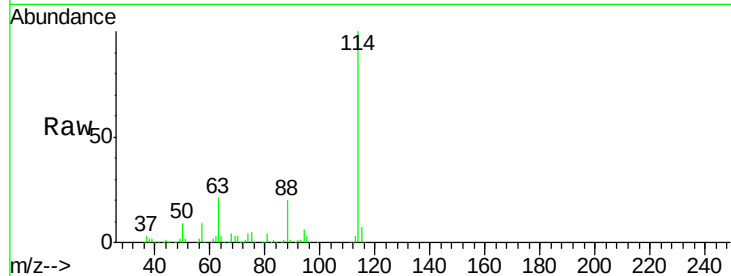




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: VH057104.D
 Acq: 22 Sep 2015 14:29

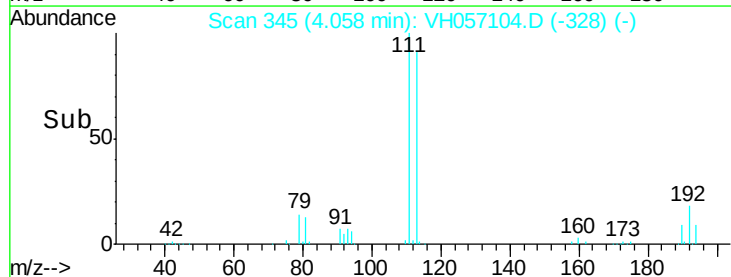
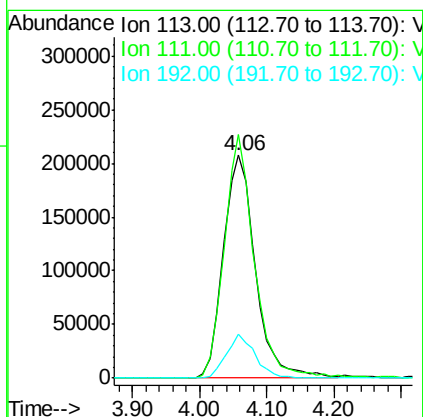
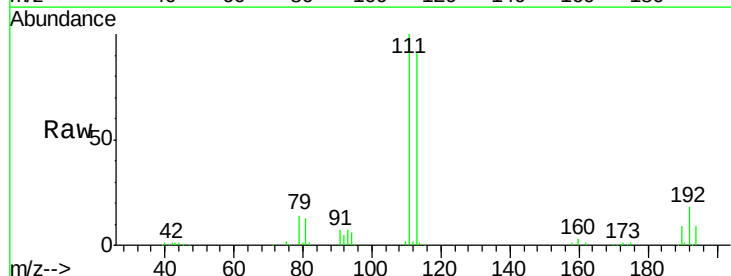
Instrument :
 MSVOA_H
 ClientSampleId :
 TRENCH-1-2

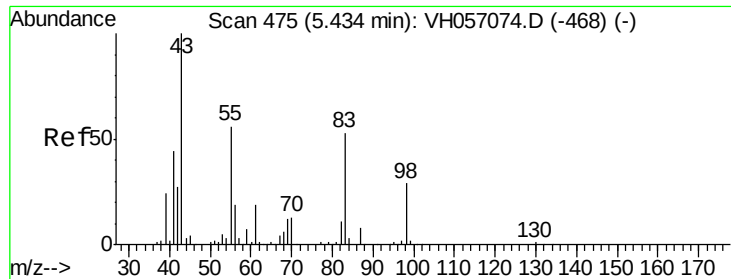
Tgt Ion:114 Resp: 1679215
 Ion Ratio Lower Upper
 114 100
 63 21.0 19.0 28.4
 88 19.6 15.7 23.5



#35
 Dibromofluoromethane
 Concen: 51.24 ug/l
 RT: 4.06 min Scan# 345
 Delta R.T. -0.03 min
 Lab File: VH057104.D
 Acq: 22 Sep 2015 14:29

Tgt Ion:113 Resp: 685104
 Ion Ratio Lower Upper
 113 100
 111 109.3 84.0 126.0
 192 19.9 13.6 20.4

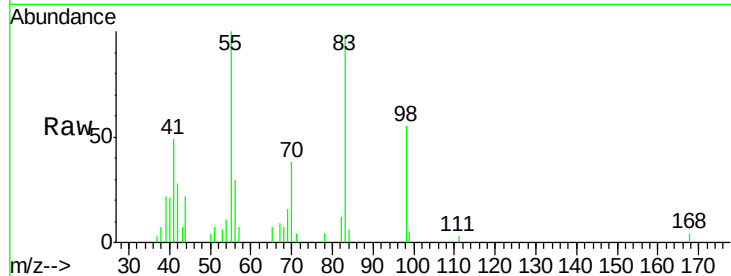




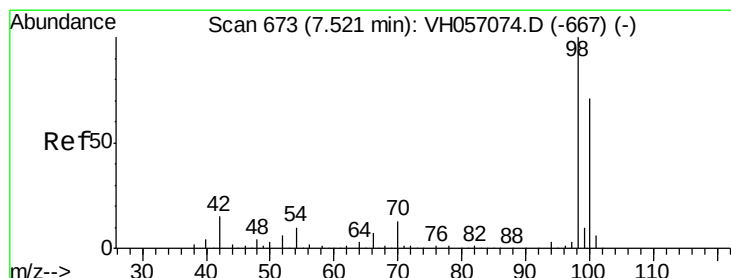
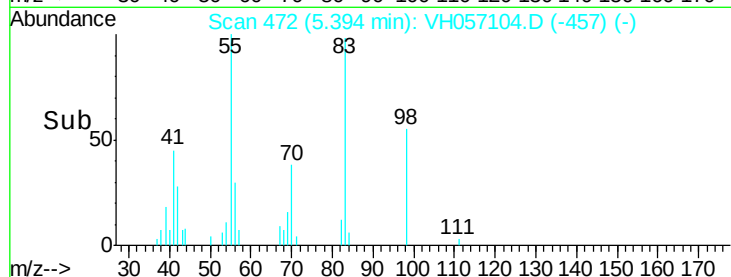
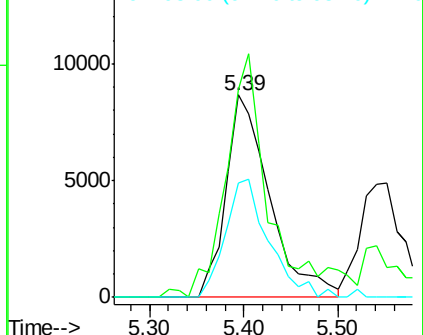
#44
Methylcyclohexane
Concen: 2.64 ug/l
RT: 5.39 min Scan# 472
Delta R.T. -0.04 min
Lab File: VH057104.D
Acq: 22 Sep 2015 14:29

Instrument :
MSVOA_H
ClientSampled :
TRENCH-1-2

Tgt Ion: 83 Resp: 28035
Ion Ratio Lower Upper
83 100
55 102.5 0.0 207.2
98 56.3 0.0 108.4

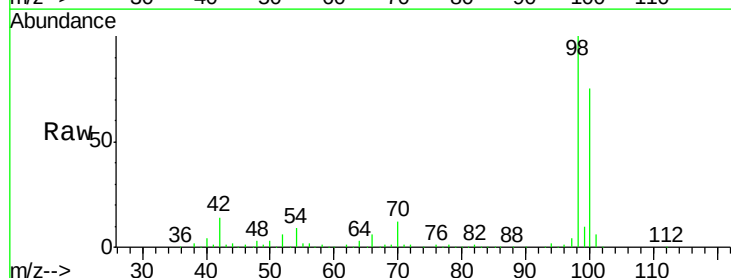


Abundance Ion 83.00 (82.70 to 83.70): VH0
Ion 55.00 (54.70 to 55.70): VH0
Ion 98.00 (97.70 to 98.70): VH0

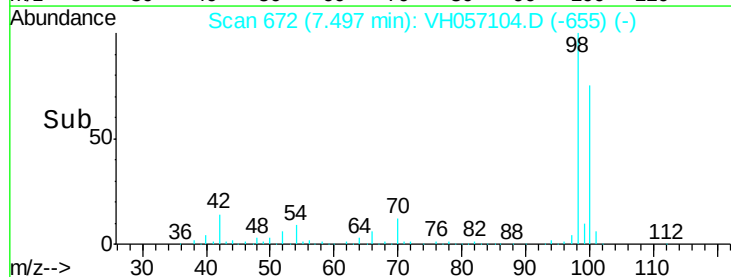
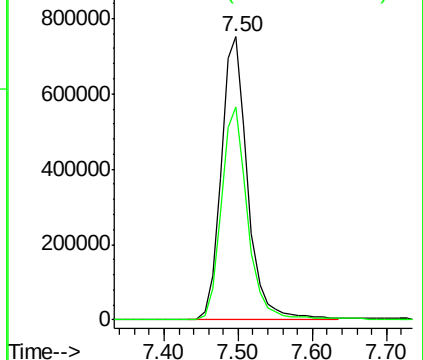


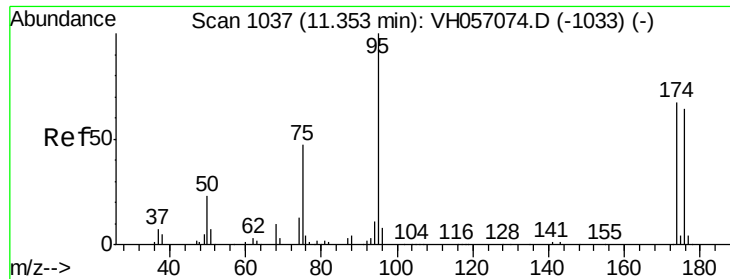
#48
Toluene-d8
Concen: 48.66 ug/l
RT: 7.50 min Scan# 672
Delta R.T. -0.02 min
Lab File: VH057104.D
Acq: 22 Sep 2015 14:29

Tgt Ion: 98 Resp: 1870614
Ion Ratio Lower Upper
98 100
100 75.0 56.7 85.1



Abundance Ion 98.00 (97.70 to 98.70): VH0
Ion 100.00 (99.70 to 100.70): VH0

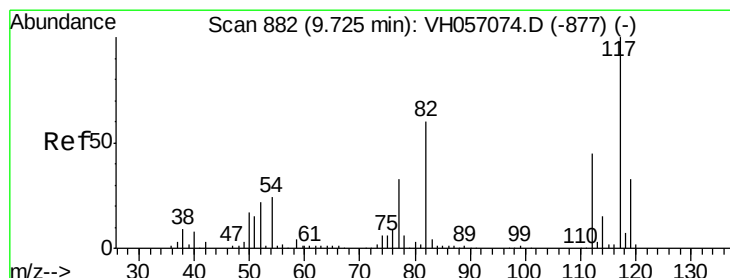
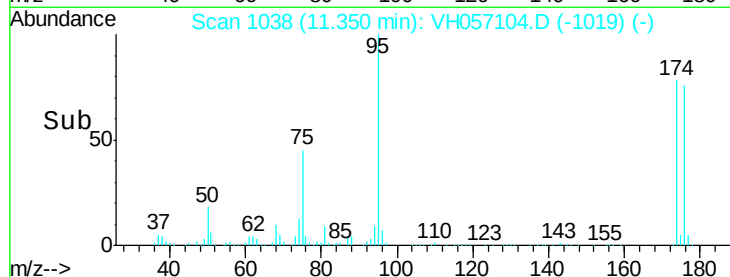
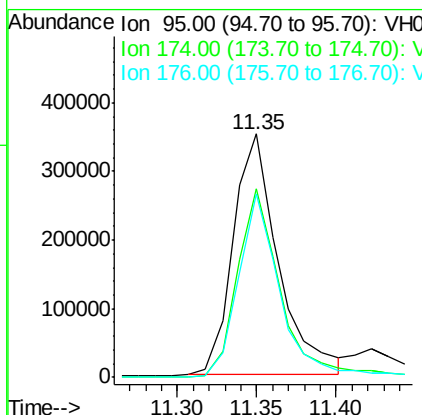
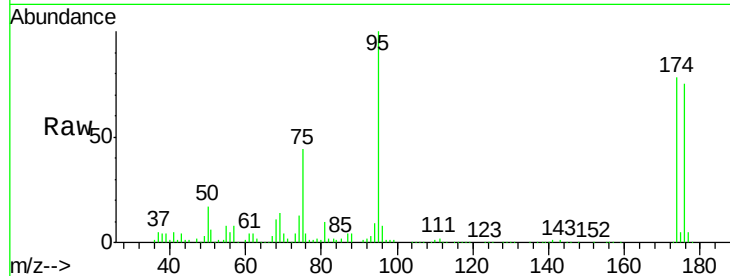




#62
 4-Bromofluorobenzene
 Concen: 53.25 ug/l
 RT: 11.35 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VH057104.D
 Acq: 22 Sep 2015 14:29

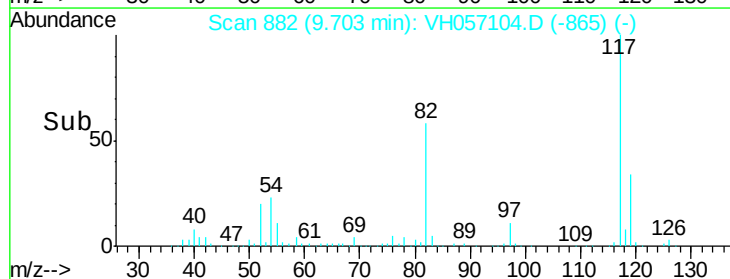
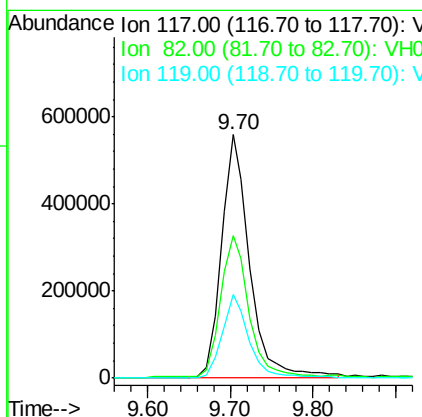
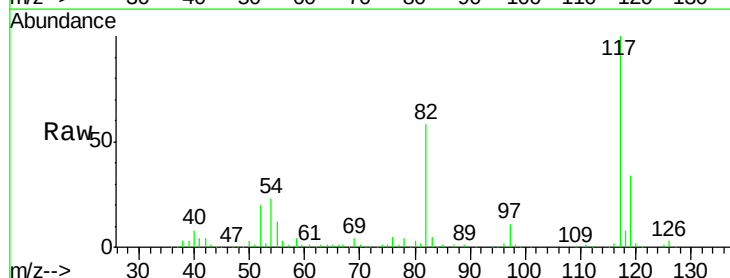
Instrument :
 MSVOA_H
 ClientSampleId :
 TRENCH-1-2

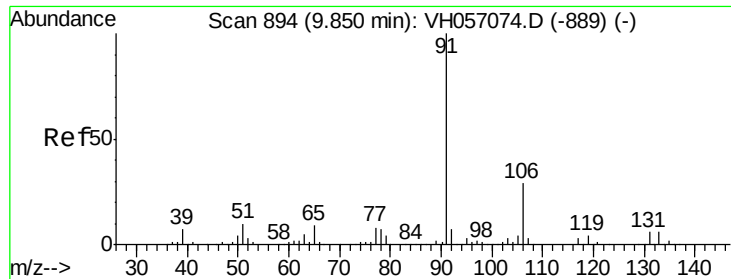
Tgt Ion: 95 Resp: 690417
 Ion Ratio Lower Upper
 95 100
 174 77.5 58.4 87.6
 176 75.5 54.3 81.5



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 9.70 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: VH057104.D
 Acq: 22 Sep 2015 14:29

Tgt Ion: 117 Resp: 1337582
 Ion Ratio Lower Upper
 117 100
 82 58.5 51.0 76.6
 119 34.4 26.7 40.1





#67

Ethyl Benzene

Concen: 0.61 ug/l

RT: 9.83 min Scan# 894

Delta R.T. -0.02 min

Lab File: VH057104.D

Acq: 22 Sep 2015 14:29

Instrument :

MSVOA_H

ClientSampled :

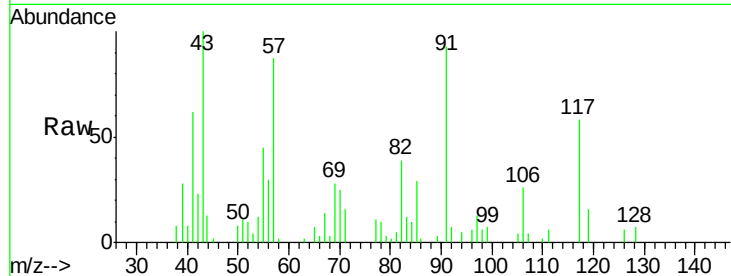
TRENCH-1-2

Tgt Ion:106 Resp: 8488

Ion Ratio Lower Upper

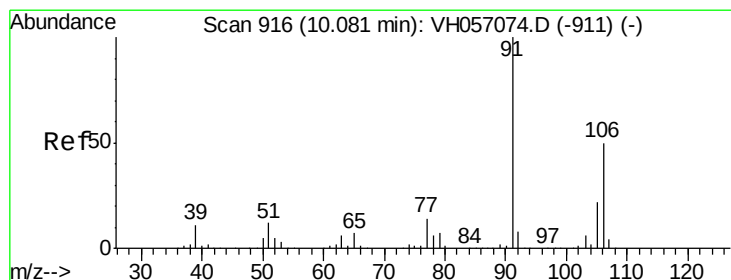
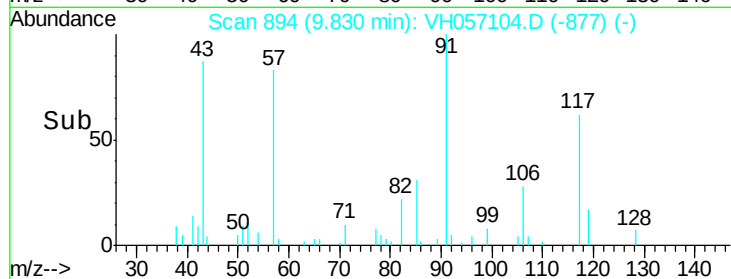
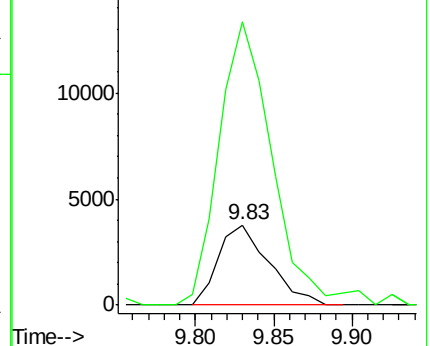
106 100

91 352.4 264.9 397.3



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VH0



#68

m/p-Xylenes

Concen: 0.62 ug/l

RT: 10.06 min Scan# 916

Delta R.T. -0.02 min

Lab File: VH057104.D

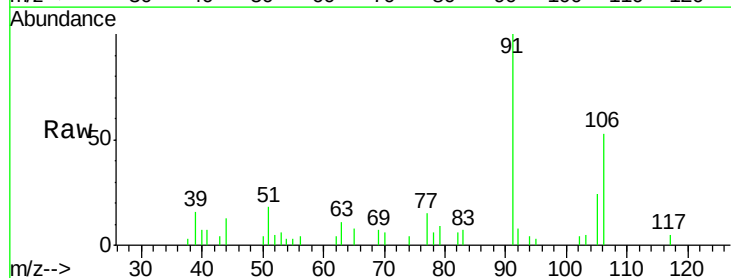
Acq: 22 Sep 2015 14:29

Tgt Ion:106 Resp: 10526

Ion Ratio Lower Upper

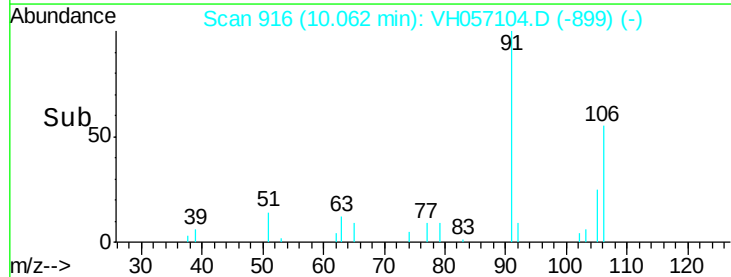
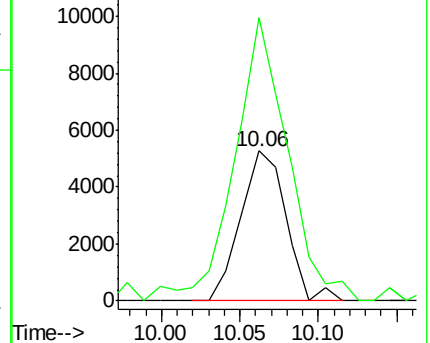
106 100

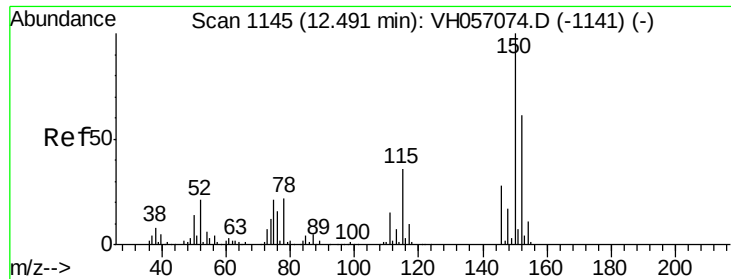
91 189.1 164.4 246.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VH0



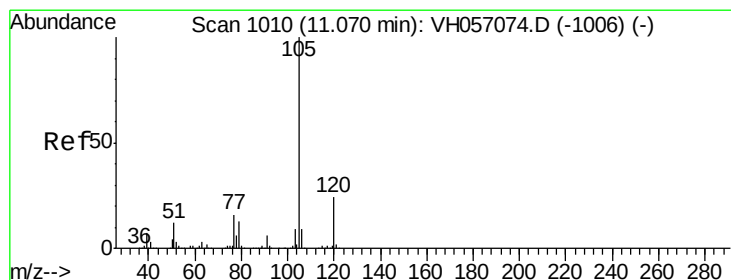
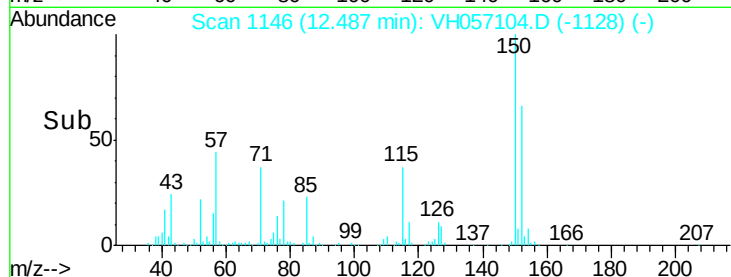
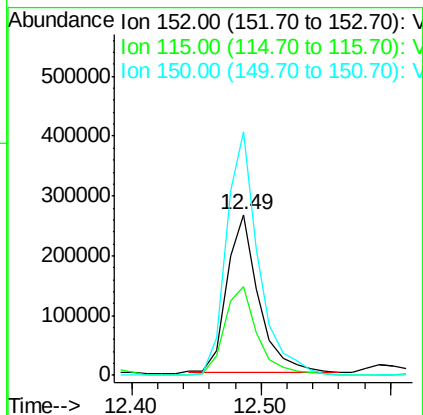
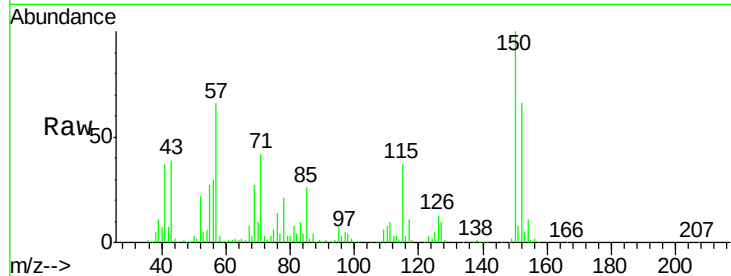


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.49 min Scan# 1146
Delta R.T. -0.00 min
Lab File: VH057104.D
Acq: 22 Sep 2015 14:29

Instrument :
MSVOA_H
ClientSampled :
TRENCH-1-2

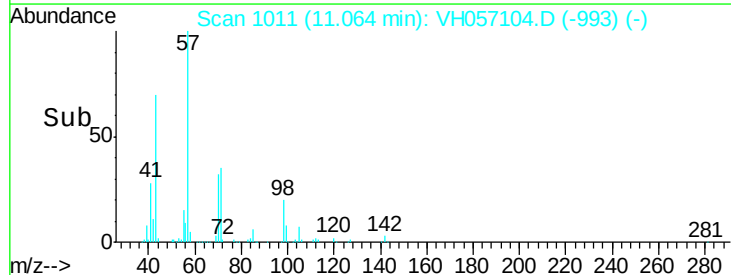
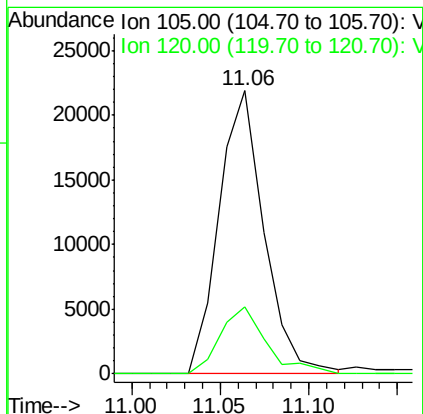
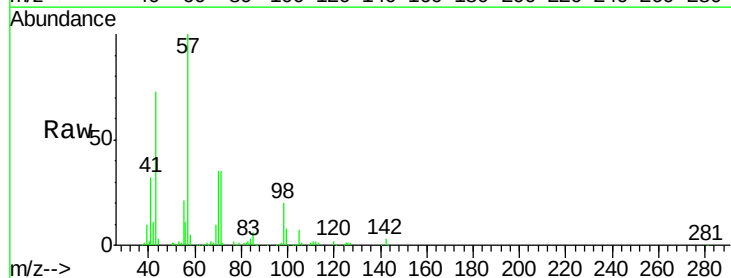
Tgt Ion:152 Resp: 463591
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.6
150 151.8 0.0 332.0

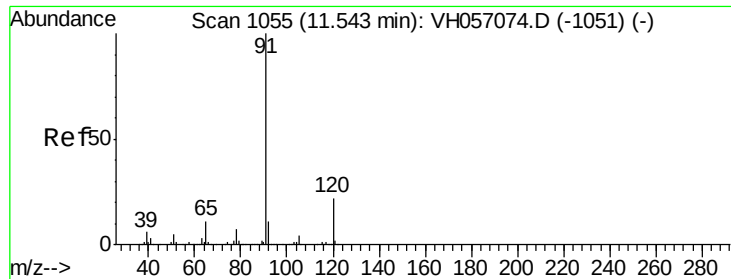


#73

Isopropylbenzene
Concen: 0.92 ug/l
RT: 11.06 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VH057104.D
Acq: 22 Sep 2015 14:29

Tgt Ion:105 Resp: 38974
Ion Ratio Lower Upper
105 100
120 23.6 12.2 36.4

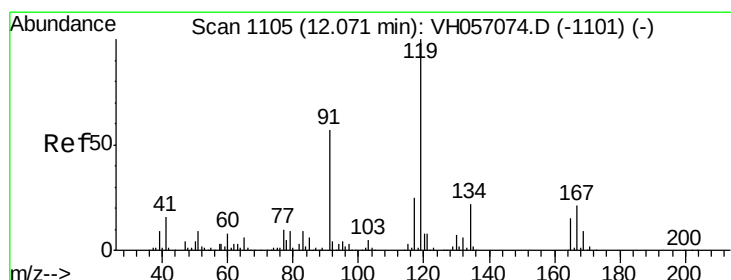
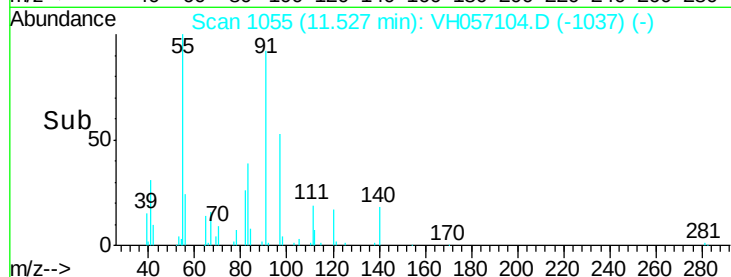
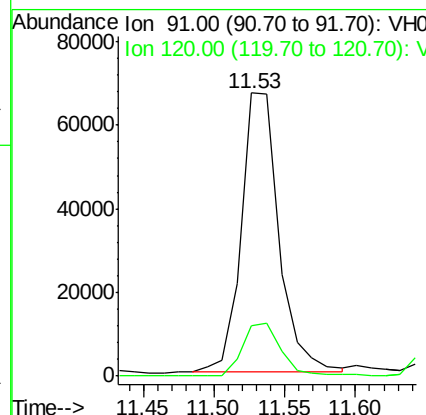
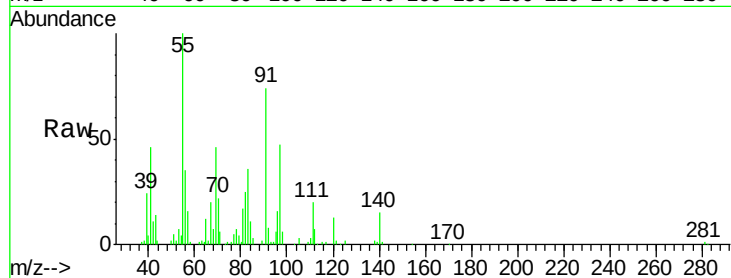




#78
n-propylbenzene
Concen: 2.71 ug/l
RT: 11.53 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VH057104.D
Acq: 22 Sep 2015 14:29

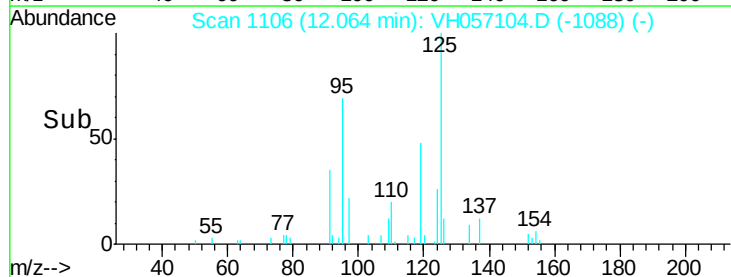
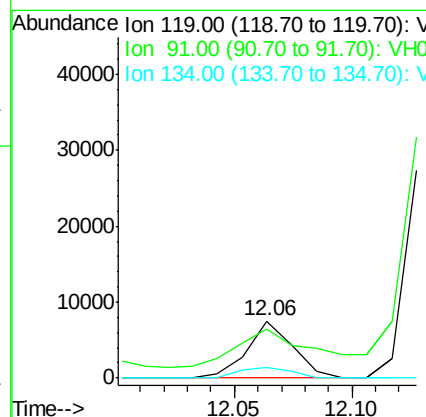
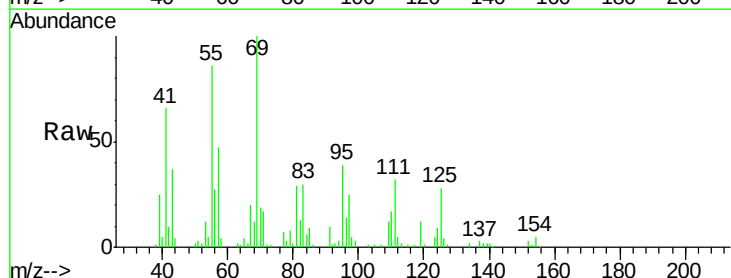
Instrument :
MSVOA_H
ClientSampleId :
TRENCH-1-2

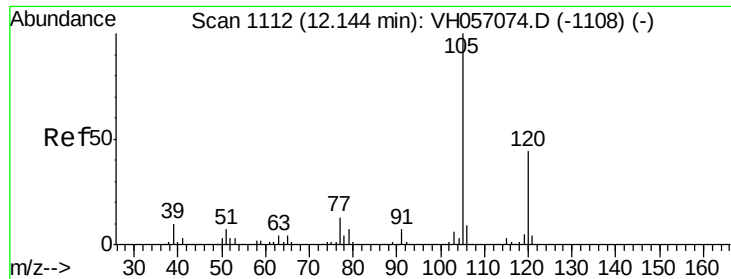
Tgt Ion: 91 Resp: 122483
Ion Ratio Lower Upper
91 100
120 17.7 10.2 30.6



#83
tert-Butylbenzene
Concen: 0.39 ug/l
RT: 12.06 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VH057104.D
Acq: 22 Sep 2015 14:29

Tgt Ion: 119 Resp: 10084
Ion Ratio Lower Upper
119 100
91 87.5 28.5 85.6#
134 19.3 11.5 34.5

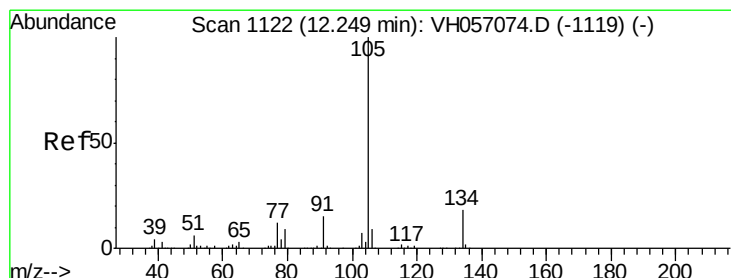
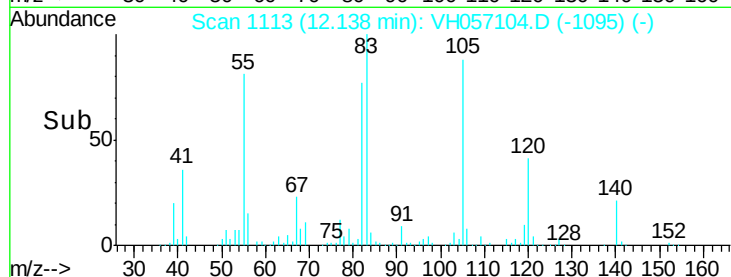
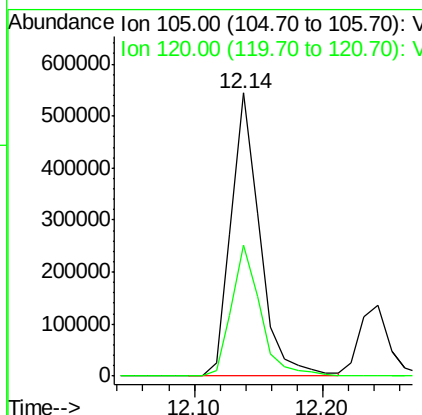
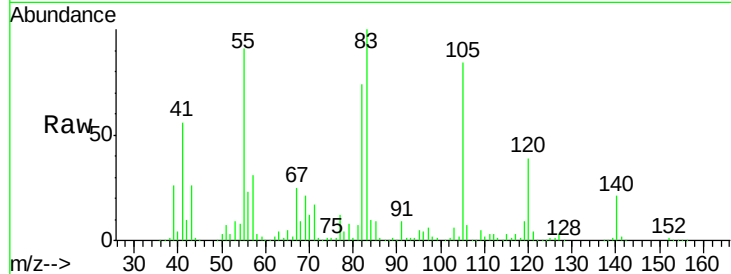




#84
 1,2,4-Trimethylbenzene
 Concen: 29.43 ug/l
 RT: 12.14 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VH057104.D
 Acq: 22 Sep 2015 14:29

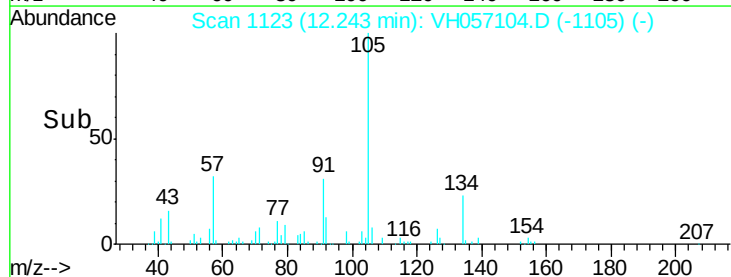
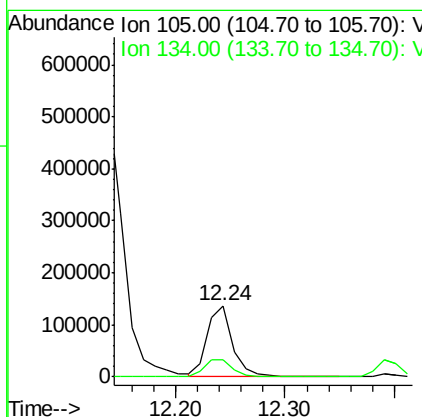
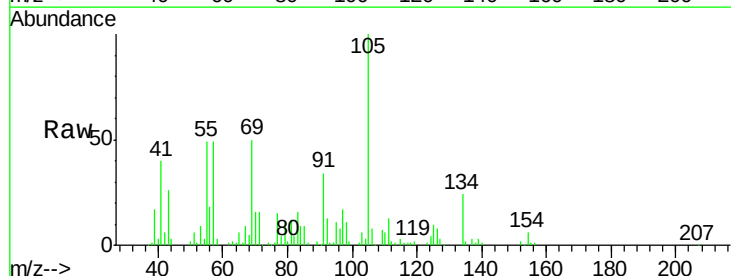
Instrument :
 MSVOA_H
 ClientSampleId :
 TRENCH-1-2

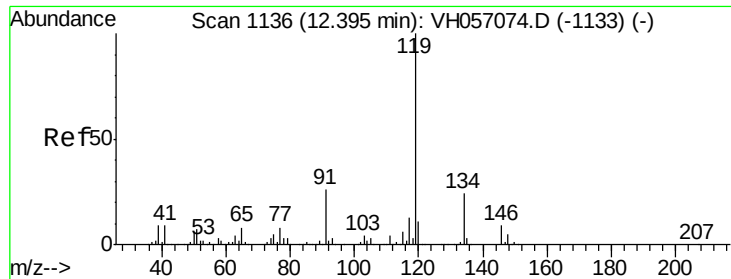
Tgt Ion:105 Resp: 840247
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 7.85 ug/l
 RT: 12.24 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: VH057104.D
 Acq: 22 Sep 2015 14:29

Tgt Ion:105 Resp: 219354
 Ion Ratio Lower Upper
 105 100
 134 24.0 9.1 27.3

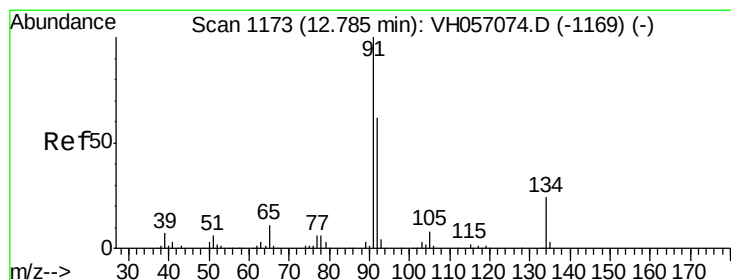
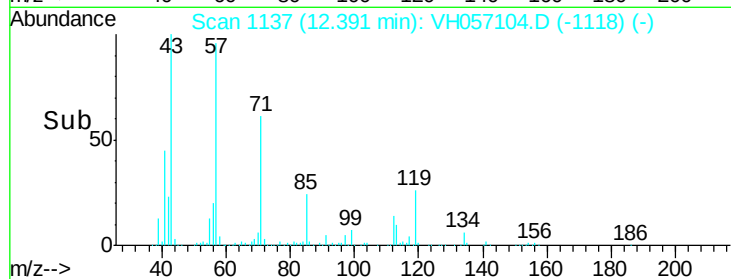
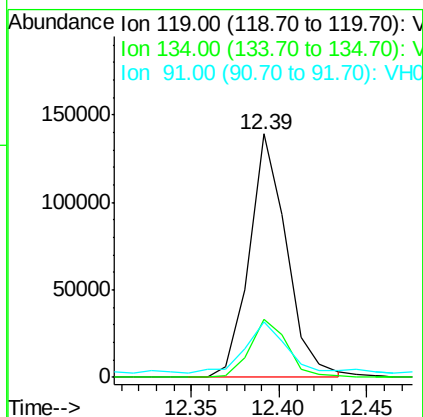
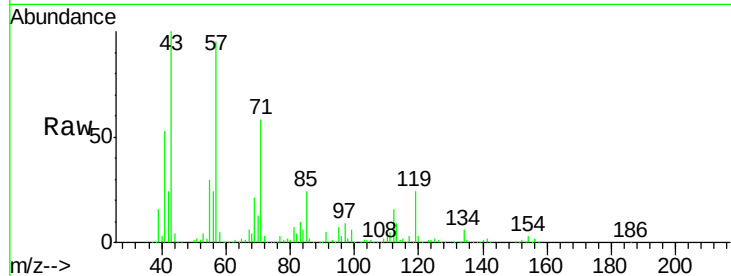




#86
 p-Isopropyltoluene
 Concen: 9.59 ug/l
 RT: 12.39 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VH057104.D
 Acq: 22 Sep 2015 14:29

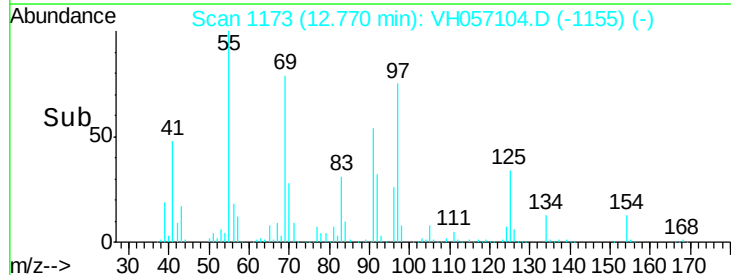
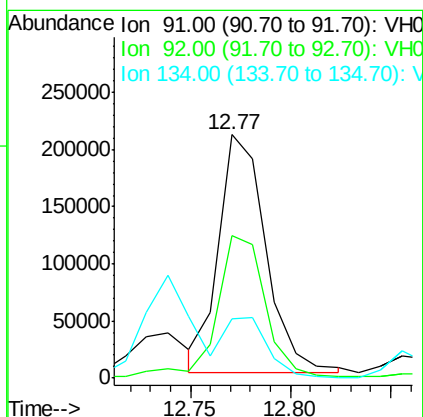
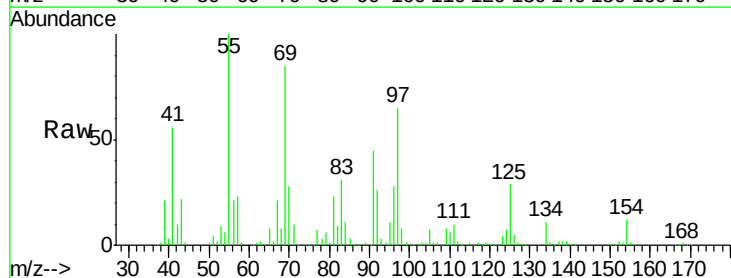
Instrument :
 MSVOA_H
 ClientSampleId :
 TRENCH-1-2

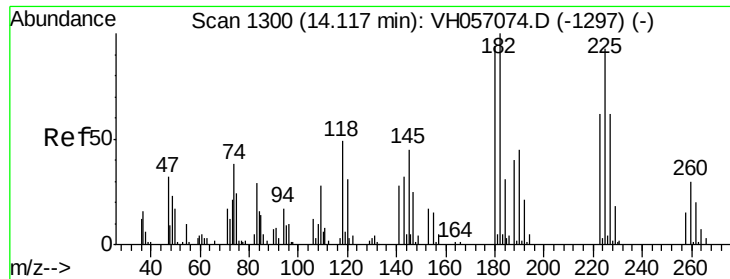
Tgt Ion	Ratio	Lower	Upper
119	100		
134	23.7	13.0	38.9
91	22.7	12.5	37.5



#89
 n-Butylbenzene
 Concen: 20.17 ug/l
 RT: 12.77 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VH057104.D
 Acq: 22 Sep 2015 14:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.5	31.3	93.9
134	24.3	10.5	31.6





#94

Hexachlorobutadiene

Concen: 6.49 ug/l

RT: 14.11 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VH057104.D

Acq: 22 Sep 2015 14:29

Instrument :

MSVOA_H

ClientSampled :

TRENCH-1-2

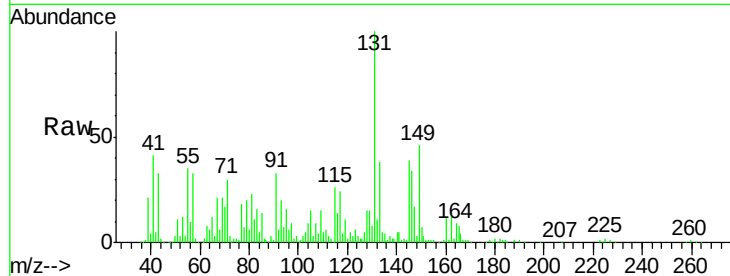
Tgt Ion:225 Resp: 8703

Ion Ratio Lower Upper

225 100

223 63.6 30.3 90.8

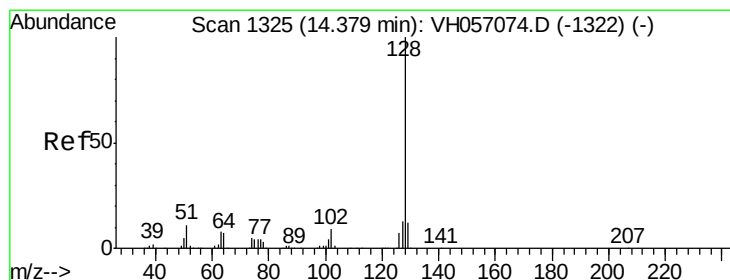
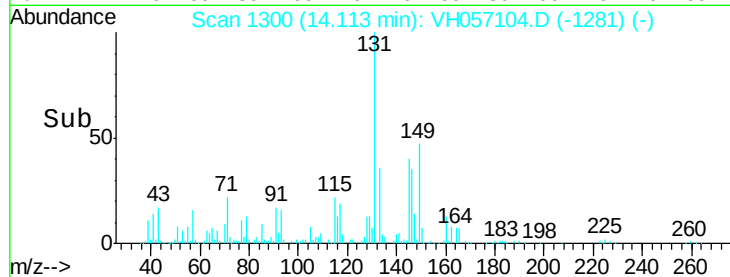
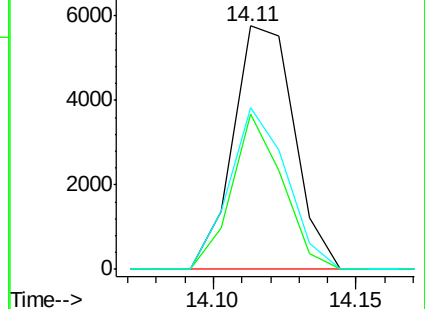
227 66.2 30.5 91.5



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#95

Naphthalene

Concen: 53.91 ug/l

RT: 14.38 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VH057104.D

Acq: 22 Sep 2015 14:29

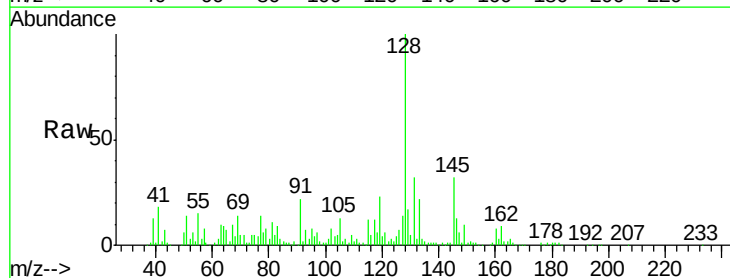
Tgt Ion:128 Resp: 639994

Ion Ratio Lower Upper

128 100

127 13.8 9.6 14.4

129 17.5 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

