

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\
 Data File : VX001592.D
 Acq On : 10 May 2018 08:13
 Operator : JC/MD
 Sample : J2807-11 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-FOOTING

Quant Time: May 10 12:21:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

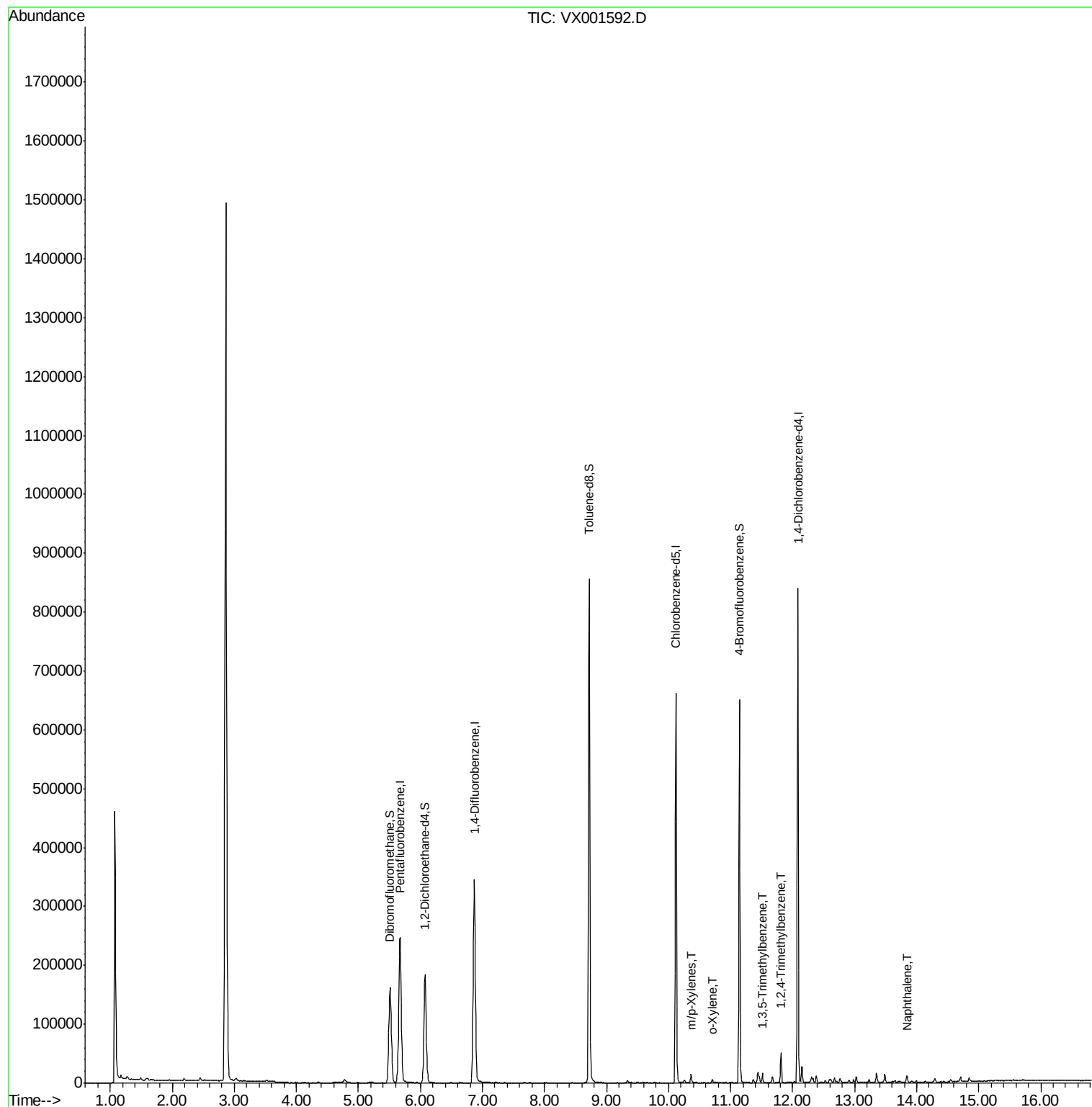
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357543	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	176210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174574	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
35) Dibromofluoromethane	5.51	113	132985	41.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.64%	
50) Toluene-d8	8.72	98	491626	42.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.70%	
62) 4-Bromofluorobenzene	11.14	95	160620	36.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.08%	
Target Compounds						
68) m/p-Xylenes	10.36	106	3538	0.59	ug/l	98
69) o-Xylene	10.70	106	1408	0.24	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	6428	0.63	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	21483	2.06	ug/l	96
95) Naphthalene	13.84	128	7390	0.57	ug/l	97

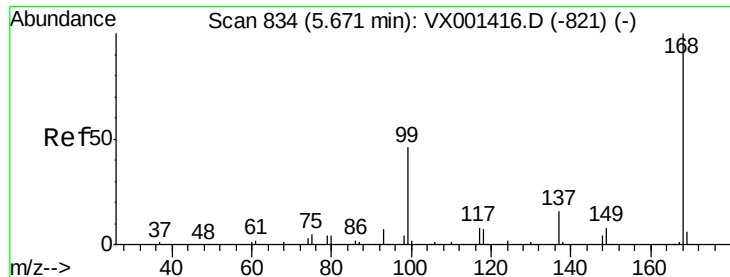
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001592.D

Acq: 10 May 2018 08:13

Instrument :

MSVOA_X

ClientSampleId :

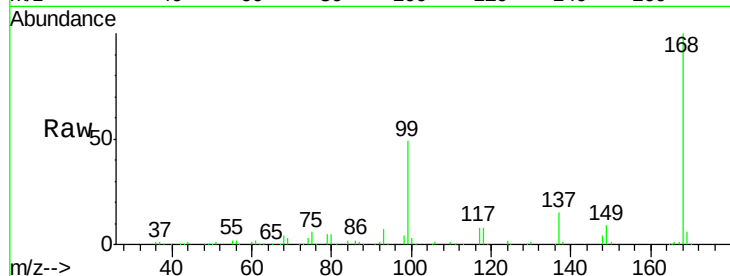
CONCRETE-FOOTING

Tot Ion:168 Resp: 260833

Ion Ratio Lower Upper

168 100

99 48.7 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

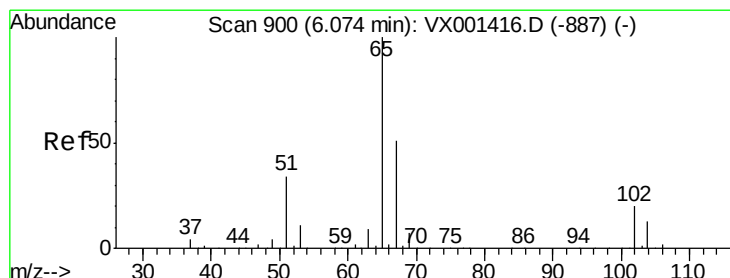
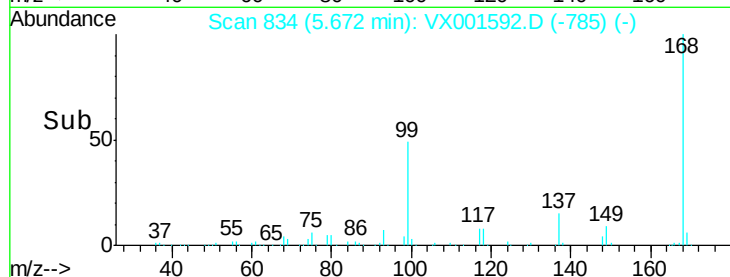
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.57 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001592.D

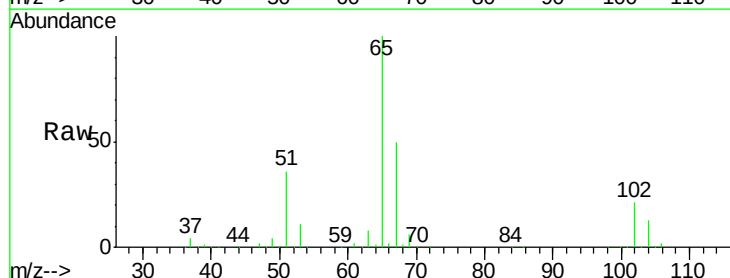
Acq: 10 May 2018 08:13

Tgt Ion: 65 Resp: 174574

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

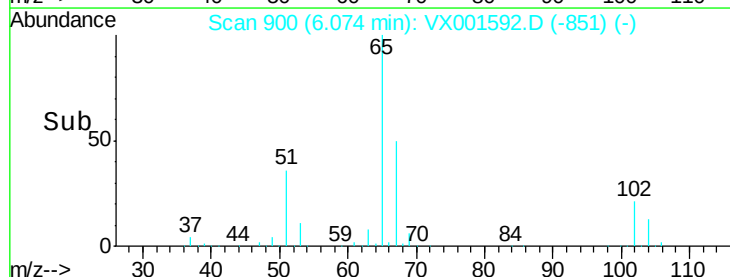
60000

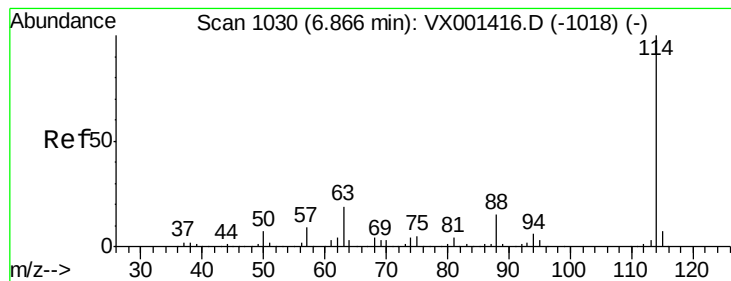
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001592.D

Acq: 10 May 2018 08:13

Instrument :

MSVOA_X

ClientSampleId :

CONCRETE-FOOTING

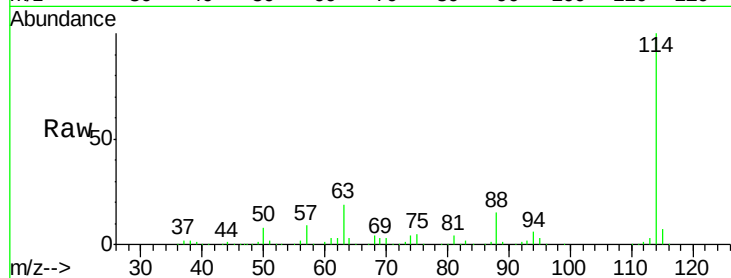
Tot Ion:114 Resp: 357543

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

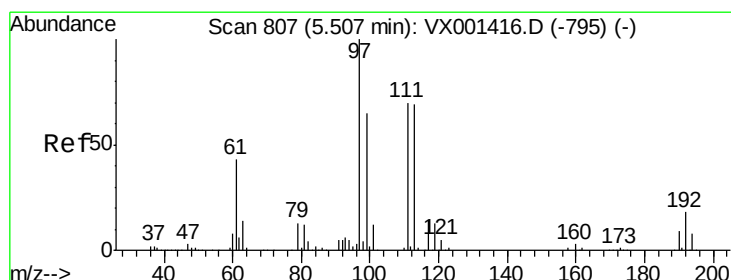
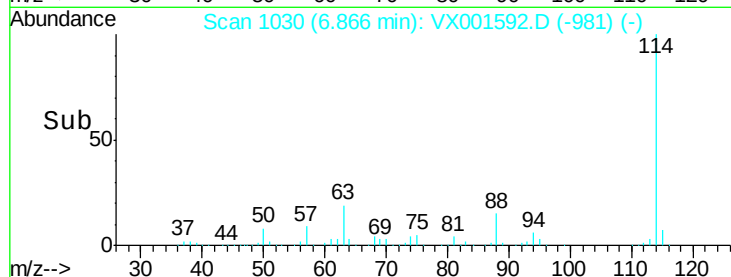
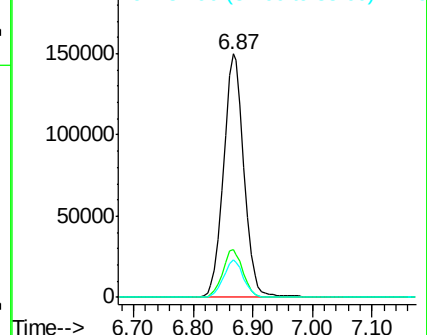
88 15.3 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 41.82 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001592.D

Acq: 10 May 2018 08:13

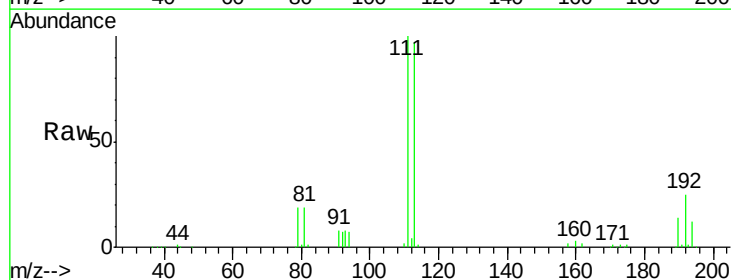
Tgt Ion:113 Resp: 132985

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

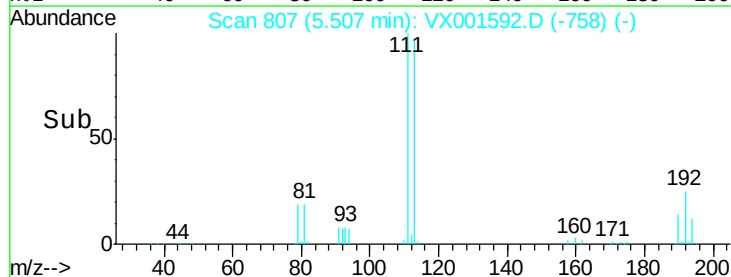
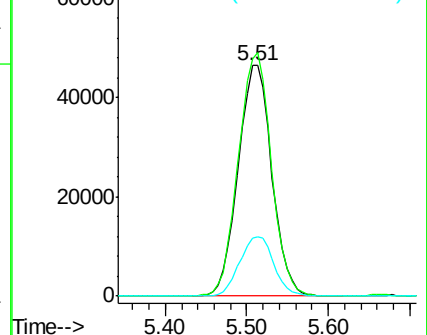
192 26.2 21.4 32.0

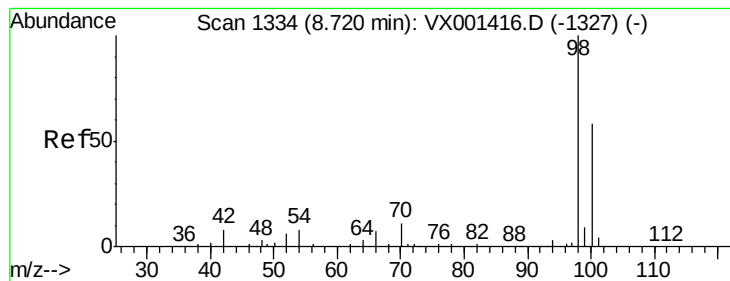


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 42.35 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001592.D

Acq: 10 May 2018 08:13

Instrument :

MSVOA_X

ClientSampleId :

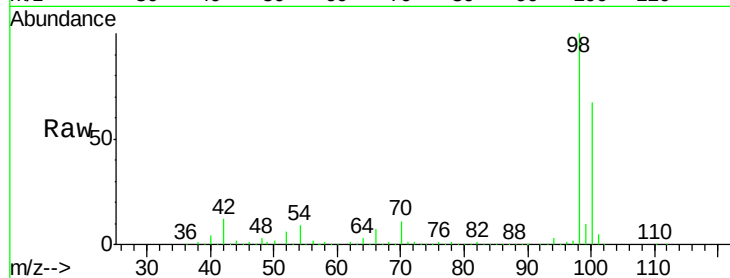
CONCRETE-FOOTING

Tot Ion: 98 Resp: 491626

Ion Ratio Lower Upper

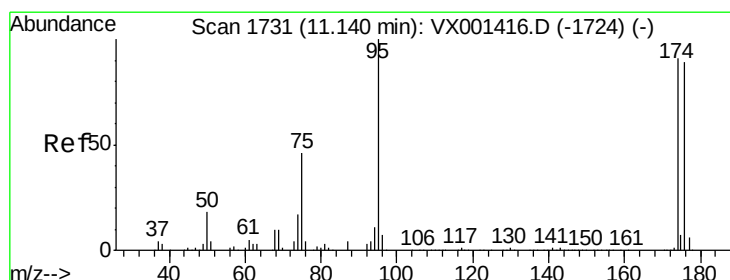
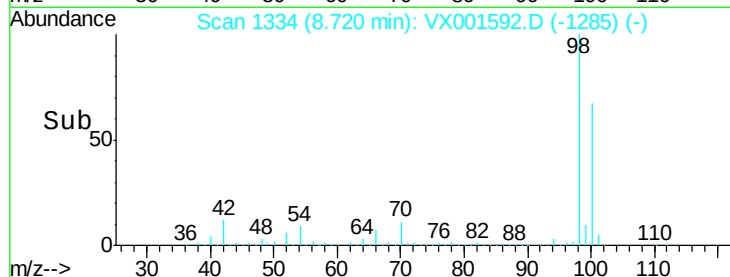
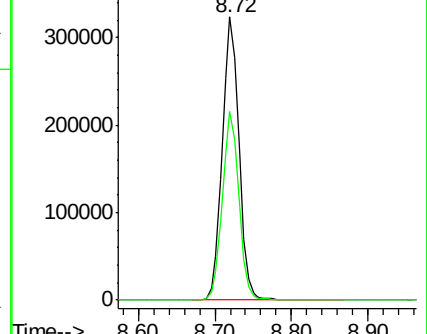
98 100

100 65.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 36.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001592.D

Acq: 10 May 2018 08:13

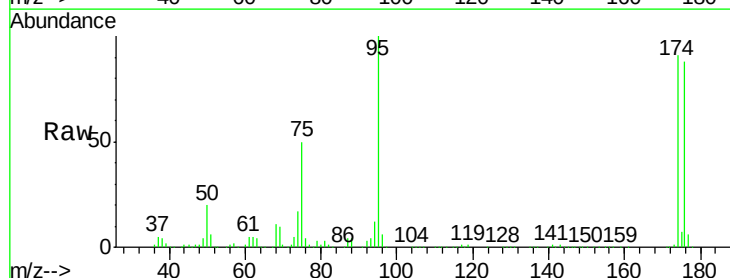
Tgt Ion: 95 Resp: 160620

Ion Ratio Lower Upper

95 100

174 102.2 0.0 202.0

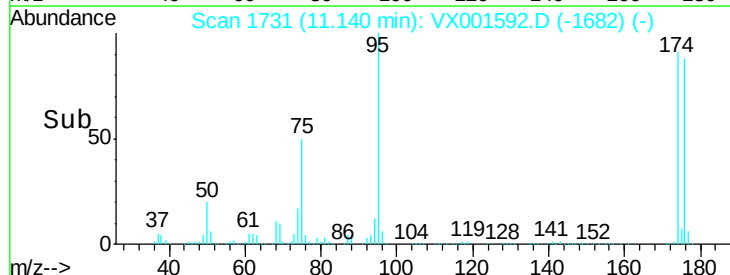
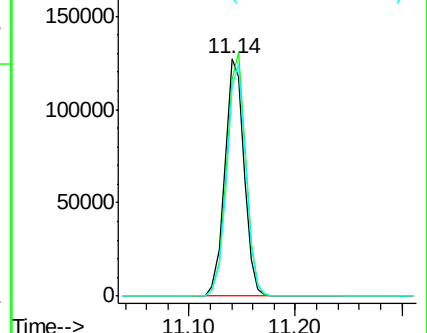
176 97.3 0.0 197.4

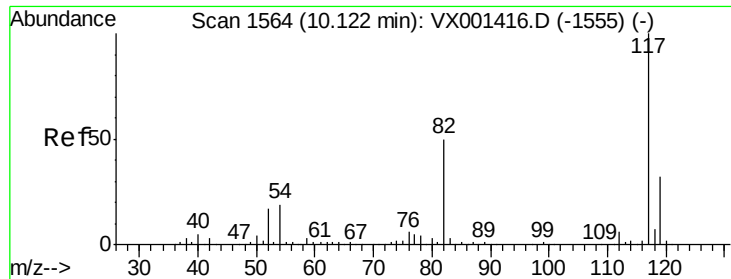


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

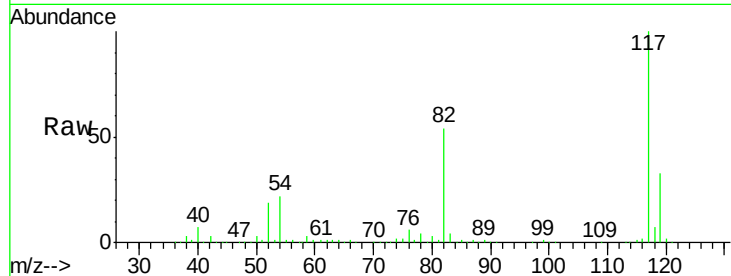




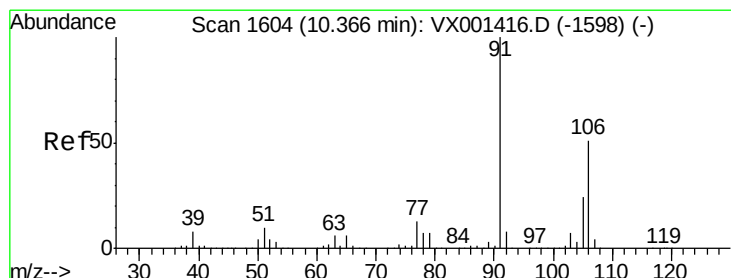
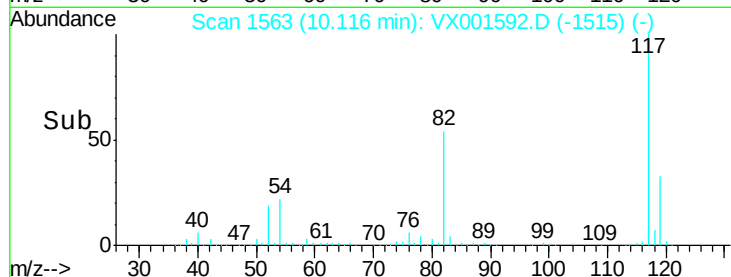
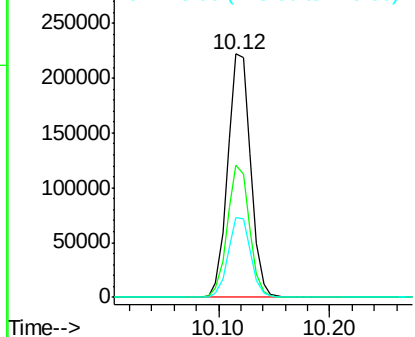
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001592.D
Acq: 10 May 2018 08:13

Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-FOOTING

Tot Ion:117 Resp: 314784
Ion Ratio Lower Upper
117 100
82 54.3 40.0 60.0
119 32.5 25.8 38.8

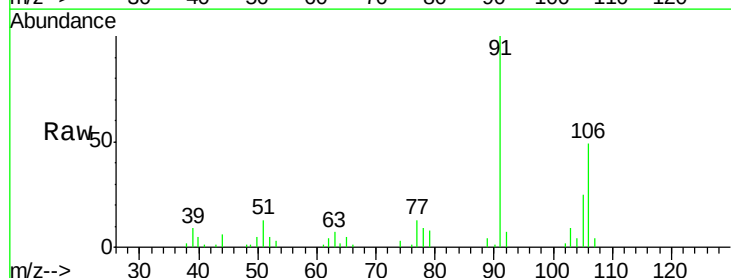


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

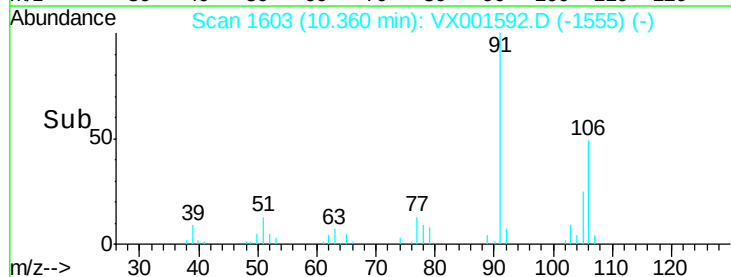
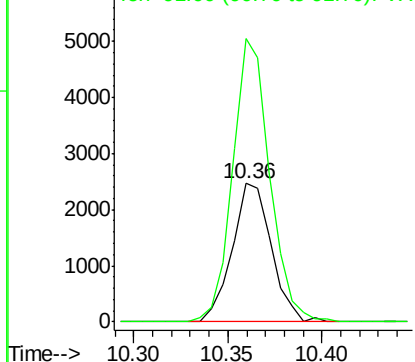


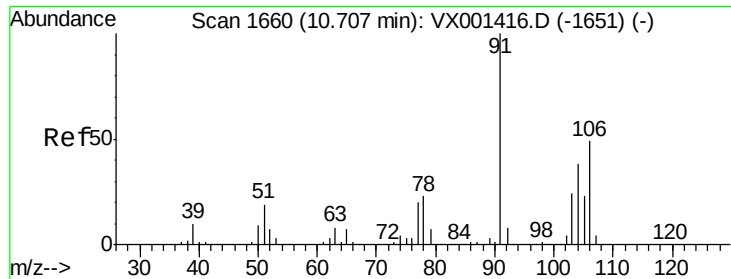
#68
m/p-Xylenes
Concen: 0.59 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001592.D
Acq: 10 May 2018 08:13

Tgt Ion:106 Resp: 3538
Ion Ratio Lower Upper
106 100
91 193.8 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

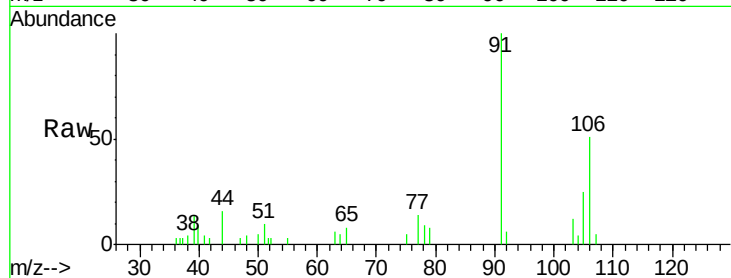




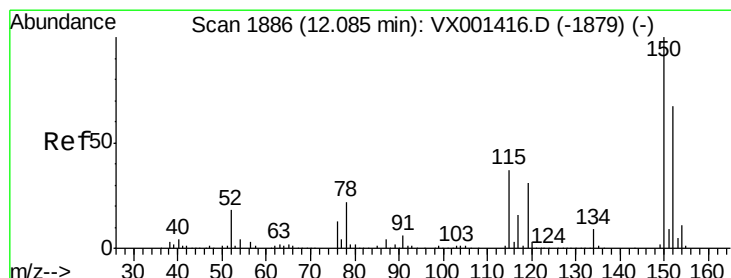
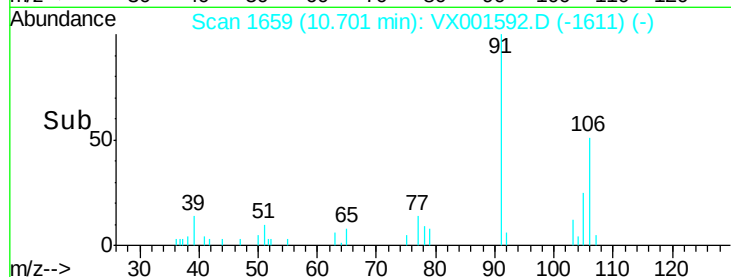
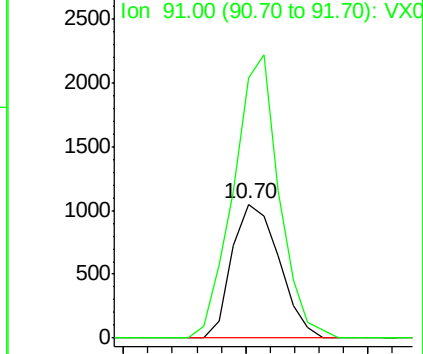
#69
o-Xylene
Concen: 0.24 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001592.D
Acq: 10 May 2018 08:13

Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-FOOTING

Tot Ion:106 Resp: 1408
Ion Ratio Lower Upper
106 100
91 204.3 103.1 309.1

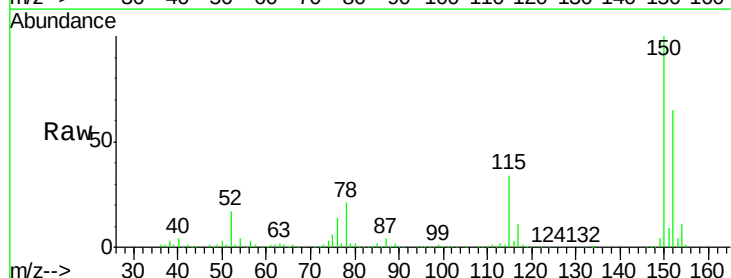


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

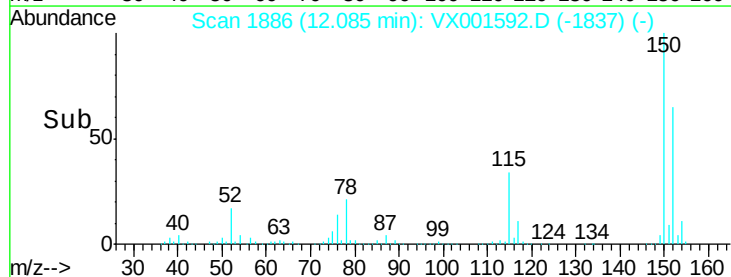
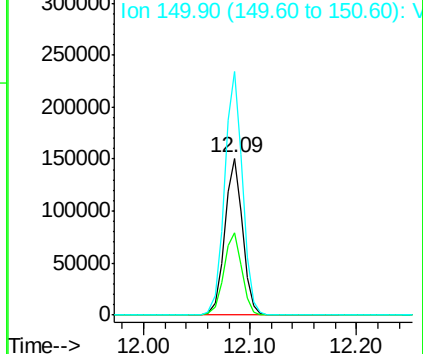


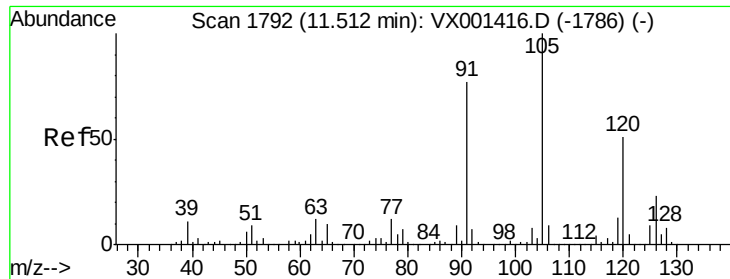
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001592.D
Acq: 10 May 2018 08:13

Tgt Ion:152 Resp: 176210
Ion Ratio Lower Upper
152 100
115 53.1 37.7 113.1
150 155.9 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

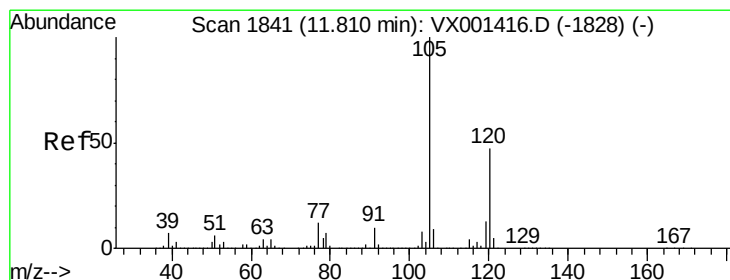
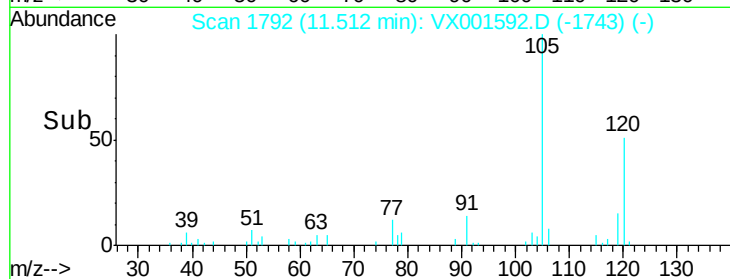
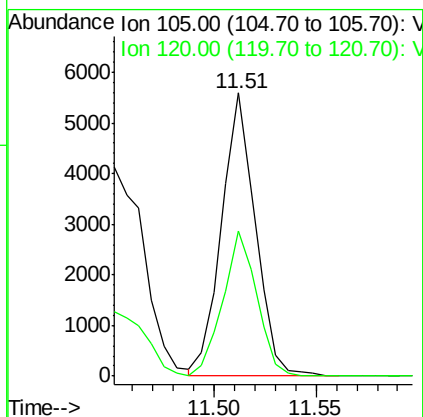
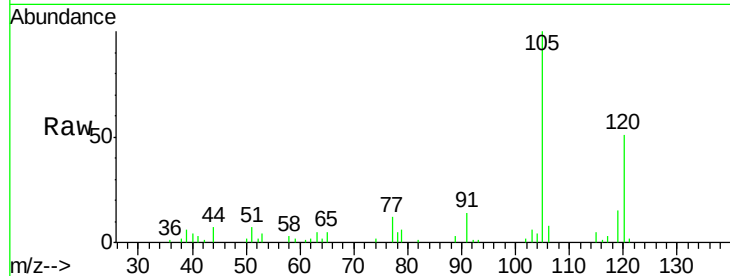




#80
 1,3,5-Trimethylbenzene
 Concen: 0.63 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001592.D
 Acq: 10 May 2018 08:13

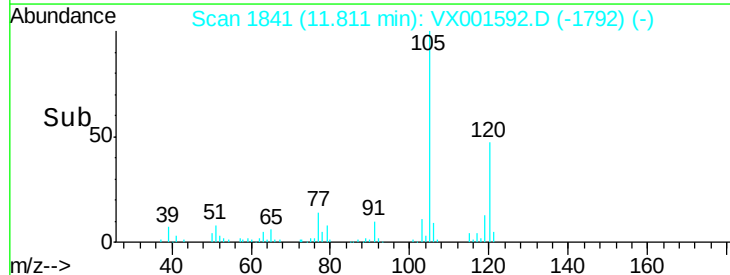
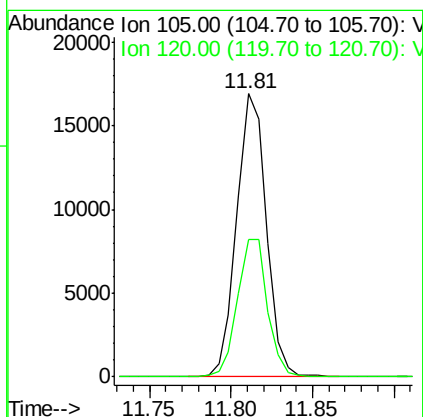
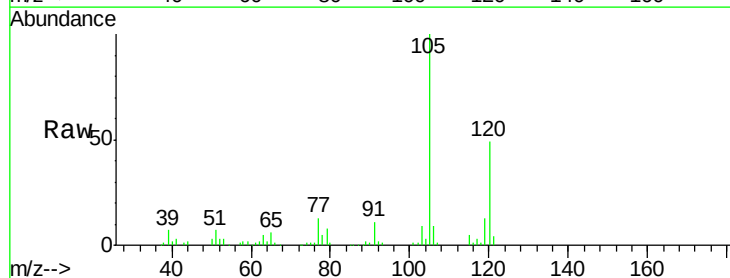
Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-FOOTING

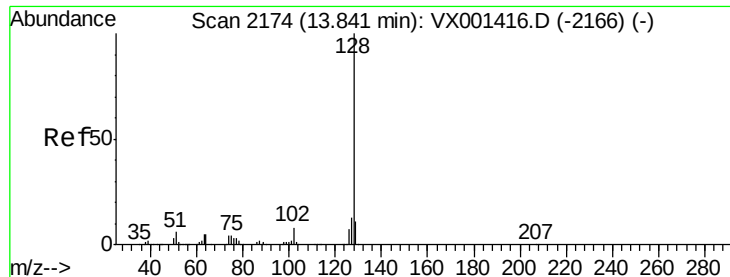
Tot Ion:105 Resp: 6428
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.7 77.1



#84
 1,2,4-Trimethylbenzene
 Concen: 2.06 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001592.D
 Acq: 10 May 2018 08:13

Tgt Ion:105 Resp: 21483
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.4 70.2

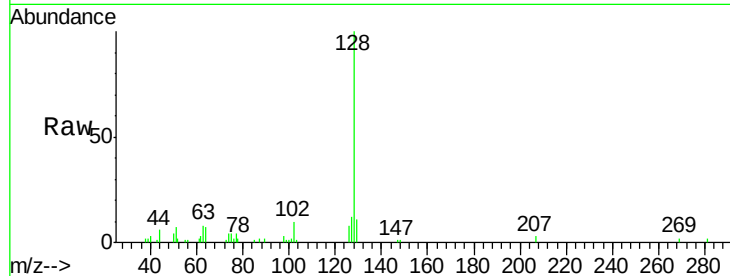




#95
 Naphthalene
 Concen: 0.57 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX001592.D
 Acq: 10 May 2018 08:13

Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-FOOTING

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.4	15.6
129	12.1	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

