

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002960.D
 Acq On : 28 Jun 2018 02:39
 Operator : JC/MD
 Sample : J3718-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GUN-HILL-FIELD-BLANK-2-6-22-18

Quant Time: Jun 28 15:31:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

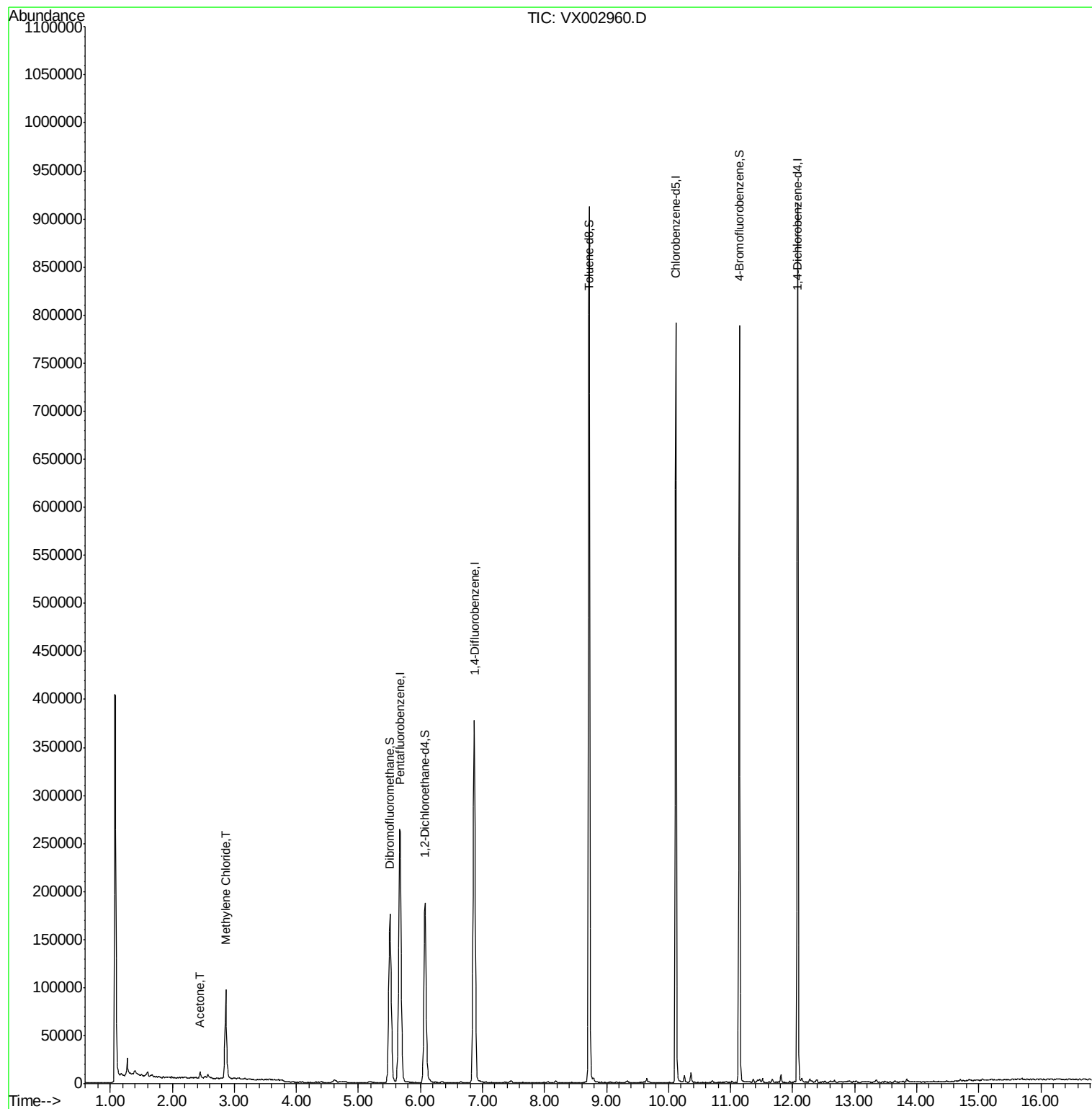
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	178748	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
35) Dibromofluoromethane	5.51	113	141193	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	8.72	98	525833	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.14	95	187562	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
Target Compounds						
16) Acetone	2.45	43	6917	4.49	ug/l	92
20) Methylene Chloride	2.86	84	42412	14.15	ug/l	93

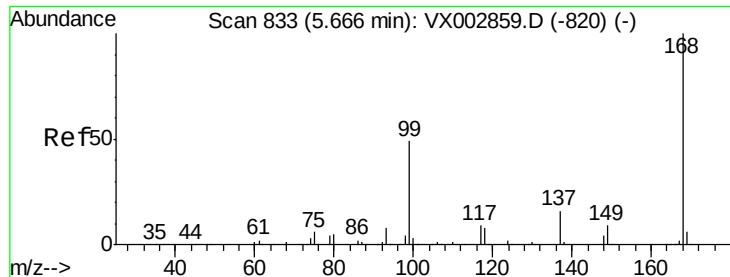
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX002960.D

Acq: 28 Jun 2018 02:39

Instrument :

MSVOA_X

ClientSampleId :

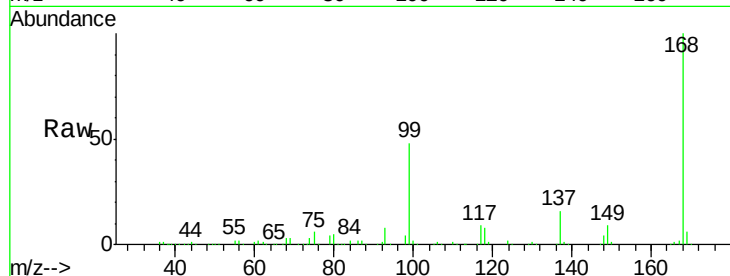
GUN-HILL-FIELD-BLANK-2-6-22-18

Tot Ion:168 Resp: 269107

Ion Ratio Lower Upper

168 100

99 48.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

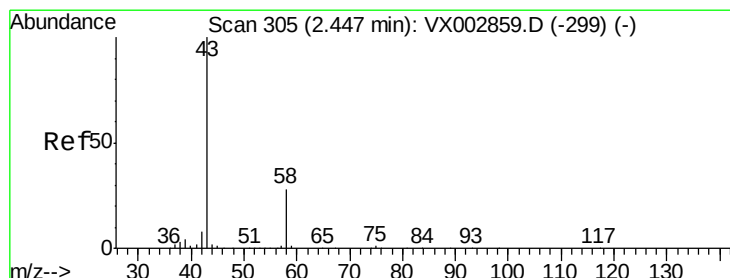
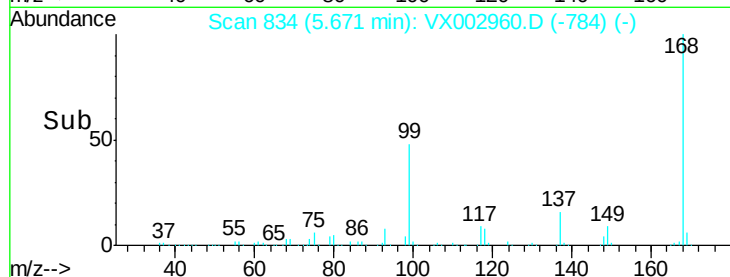
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.49 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002960.D

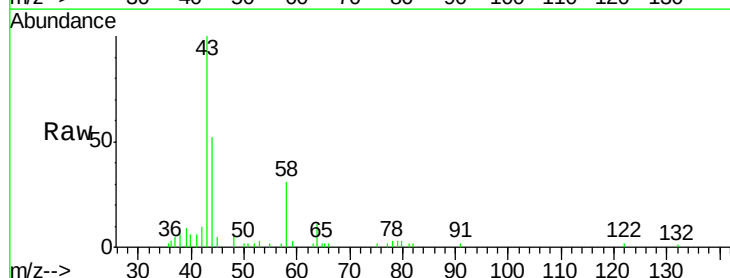
Acq: 28 Jun 2018 02:39

Tgt Ion: 43 Resp: 6917

Ion Ratio Lower Upper

43 100

58 31.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

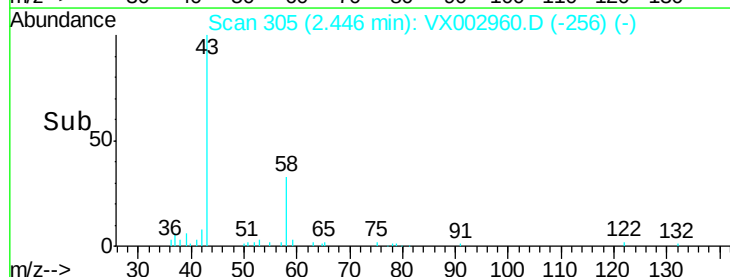
3000

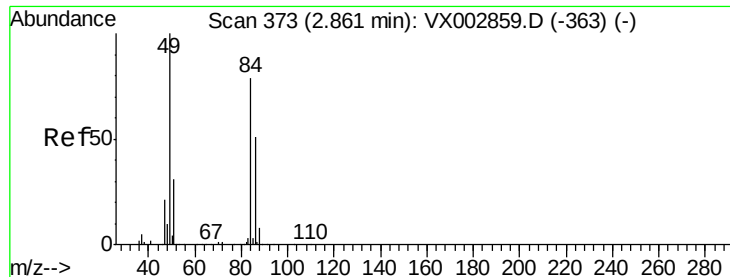
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

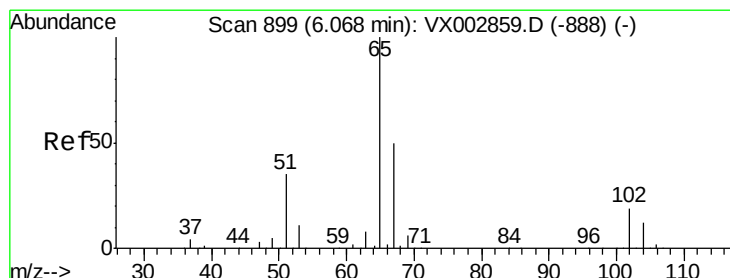
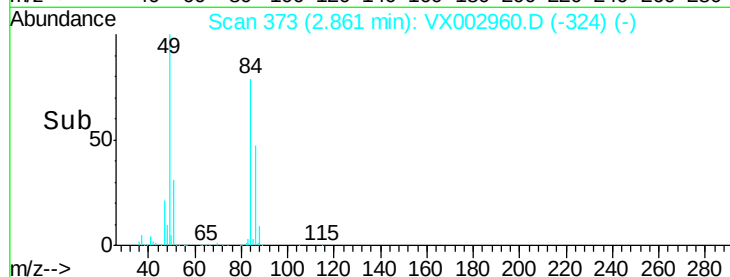
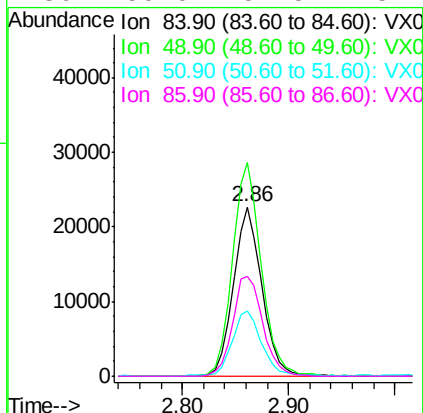
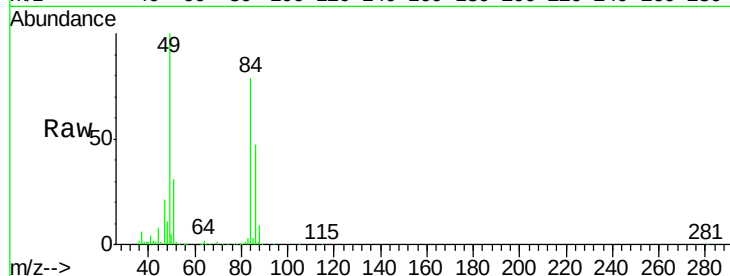




#20
Methylene Chloride
Concen: 14.15 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002960.D
Acq: 28 Jun 2018 02:39

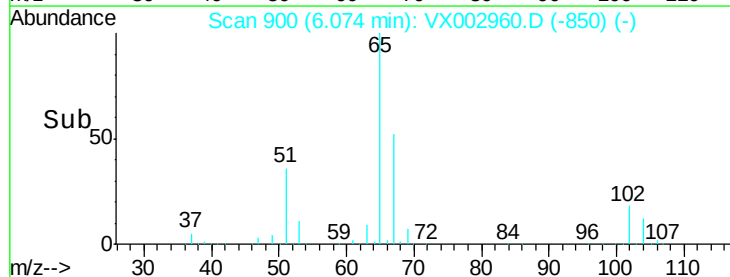
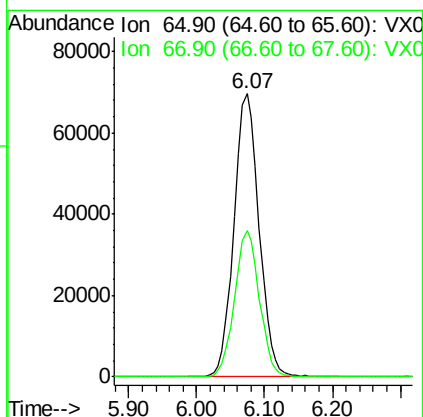
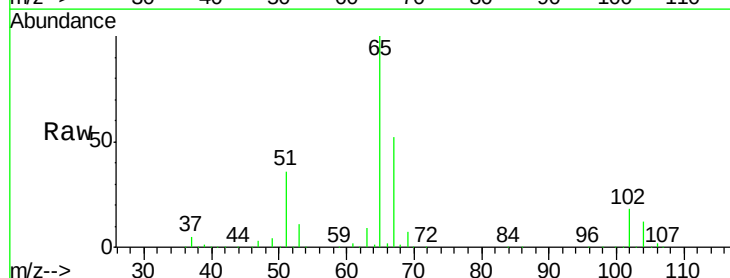
Instrument :
MSVOA_X
ClientSampleId :
GUN-HILL-FIELD-BLANK-2-6-22-18

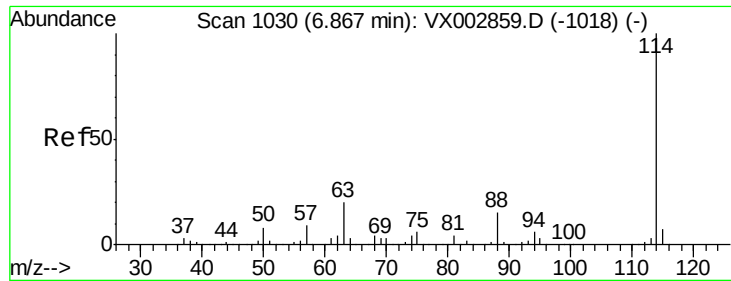
Tot Ion: 84 Resp: 42412
Ion Ratio Lower Upper
84 100
49 126.2 107.8 161.6
51 38.3 32.8 49.2
86 59.0 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.06 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX002960.D
Acq: 28 Jun 2018 02:39

Tgt Ion: 65 Resp: 178748
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002960.D

Acq: 28 Jun 2018 02:39

Instrument :

MSVOA_X

ClientSampleId :

GUN-HILL-FIELD-BLANK-2-6-22-18

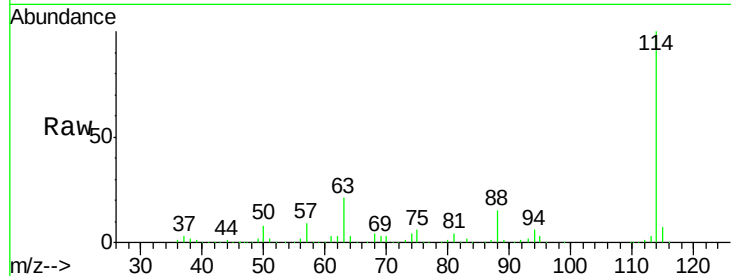
Tot Ion:114 Resp: 375052

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

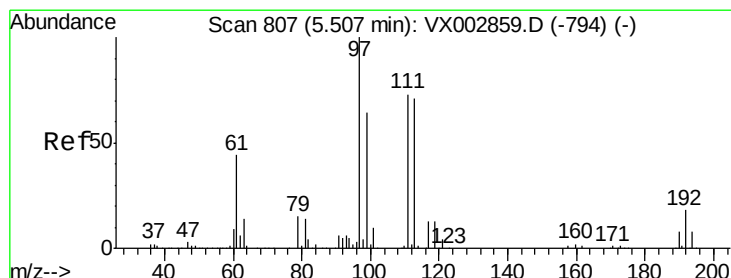
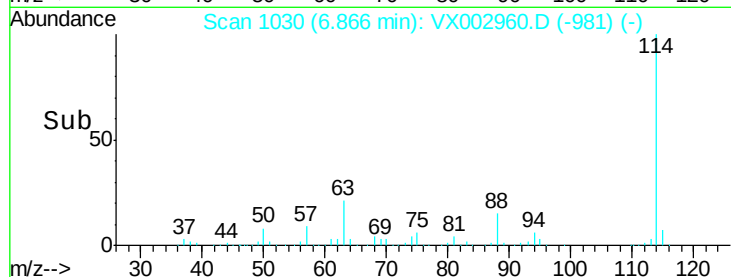
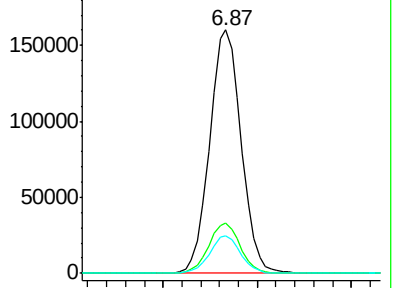
88 15.4 0.0 30.0



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: 47.54 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002960.D

Acq: 28 Jun 2018 02:39

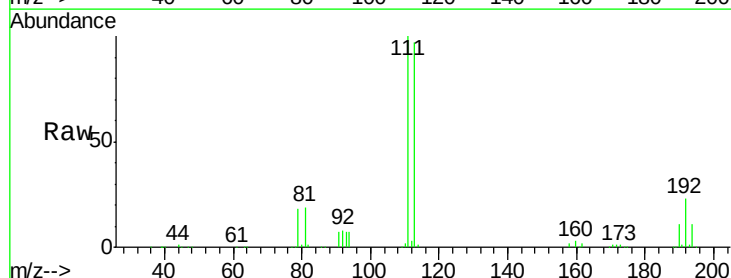
Tgt Ion:113 Resp: 141193

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

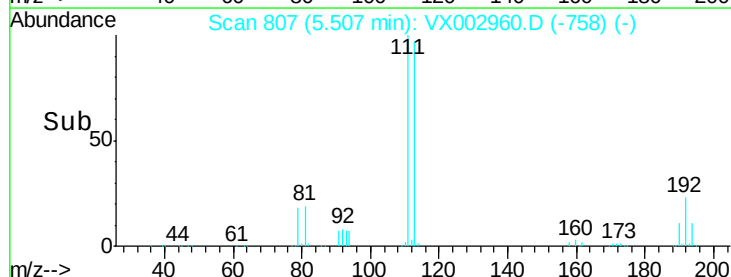
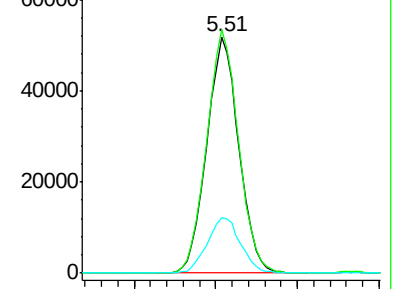
192 24.4 19.1 28.7

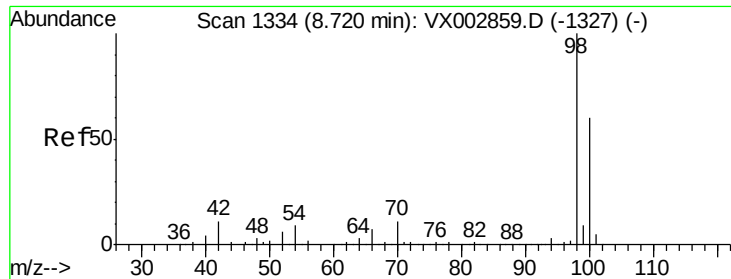


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.48 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002960.D

Acq: 28 Jun 2018 02:39

Instrument :

MSVOA_X

ClientSampleId :

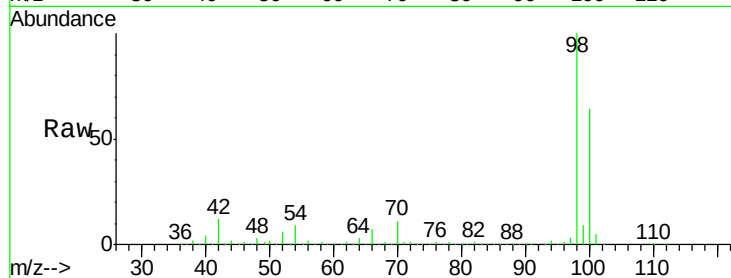
GUN-HILL-FIELD-BLANK-2-6-22-18

Tot Ion: 98 Resp: 525833

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

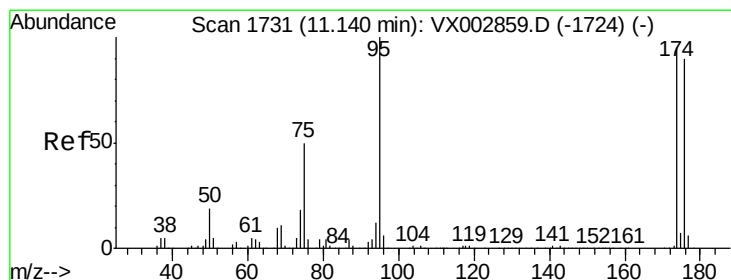
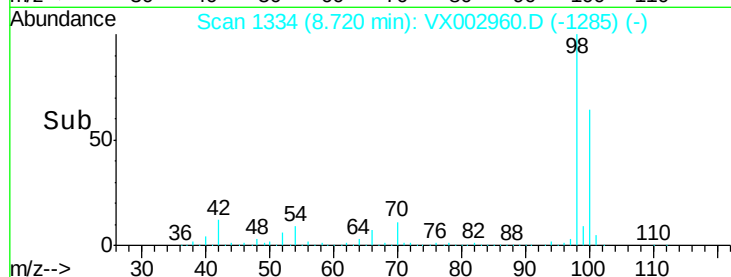
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002960.D

Acq: 28 Jun 2018 02:39

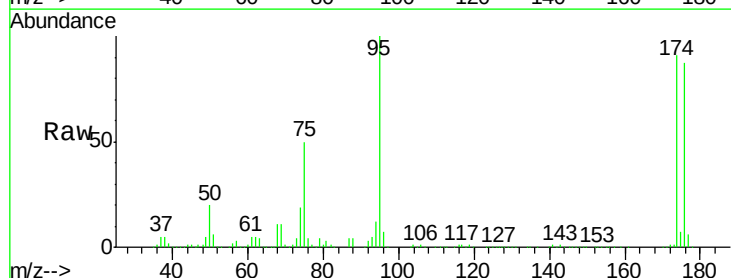
Tgt Ion: 95 Resp: 187562

Ion Ratio Lower Upper

95 100

174 96.5 0.0 187.4

176 92.4 0.0 181.0



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

11.14

200000

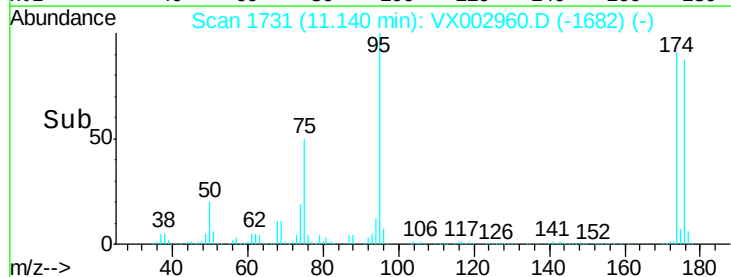
150000

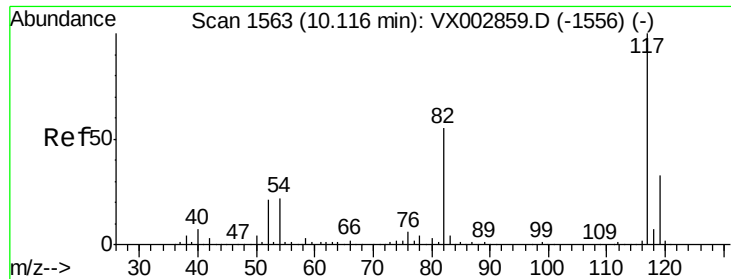
100000

50000

0

Time-->

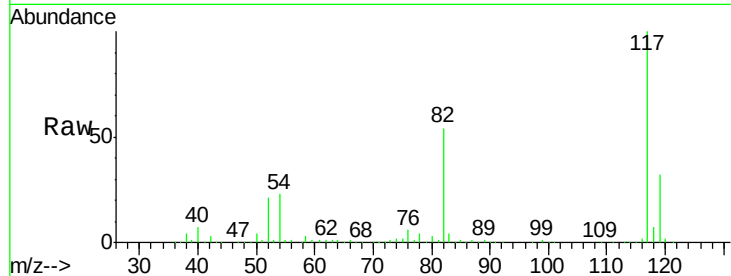




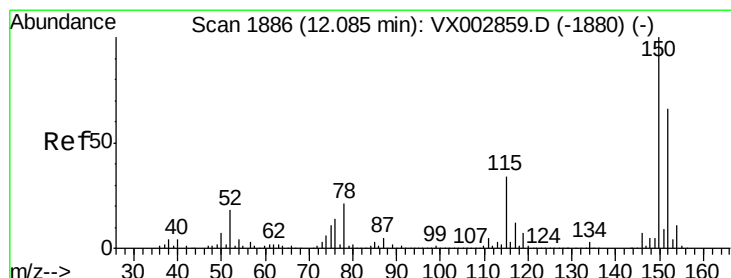
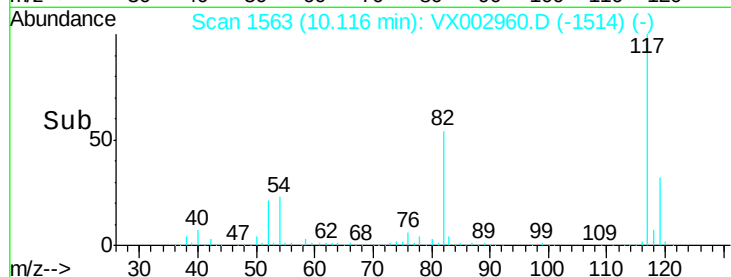
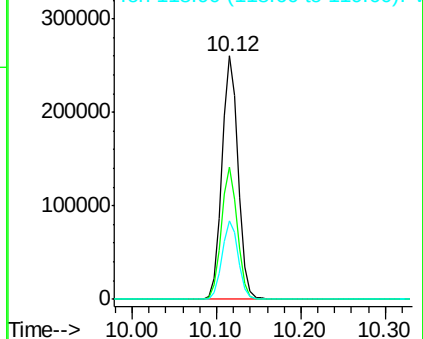
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002960.D
Acq: 28 Jun 2018 02:39

Instrument :
MSVOA_X
ClientSampleId :
GUN-HILL-FIELD-BLANK-2-6-22-18

Tot Ion:117 Resp: 346571
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.0 25.8 38.6

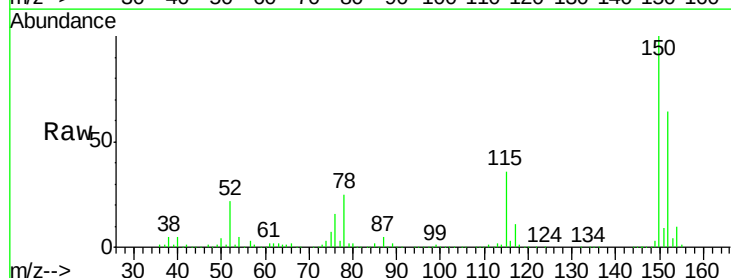


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002960.D
Acq: 28 Jun 2018 02:39

Tgt Ion:152 Resp: 195523
Ion Ratio Lower Upper
152 100
115 54.5 40.1 120.2
150 155.1 0.0 347.2



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

