

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002880.D
 Acq On : 26 Jun 2018 00:47
 Operator : JC/MD
 Sample : J3705-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GUNHILL-FIELDBLANK-1-6-21-18

Quant Time: Jun 27 07:04:21 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	246080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	344968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184030	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	165931	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
35) Dibromofluoromethane	5.51	113	132783	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
50) Toluene-d8	8.72	98	485695	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.14	95	171870	44.67	ug/l	0.00
Spiked Amount			Recovery	=	89.34%	

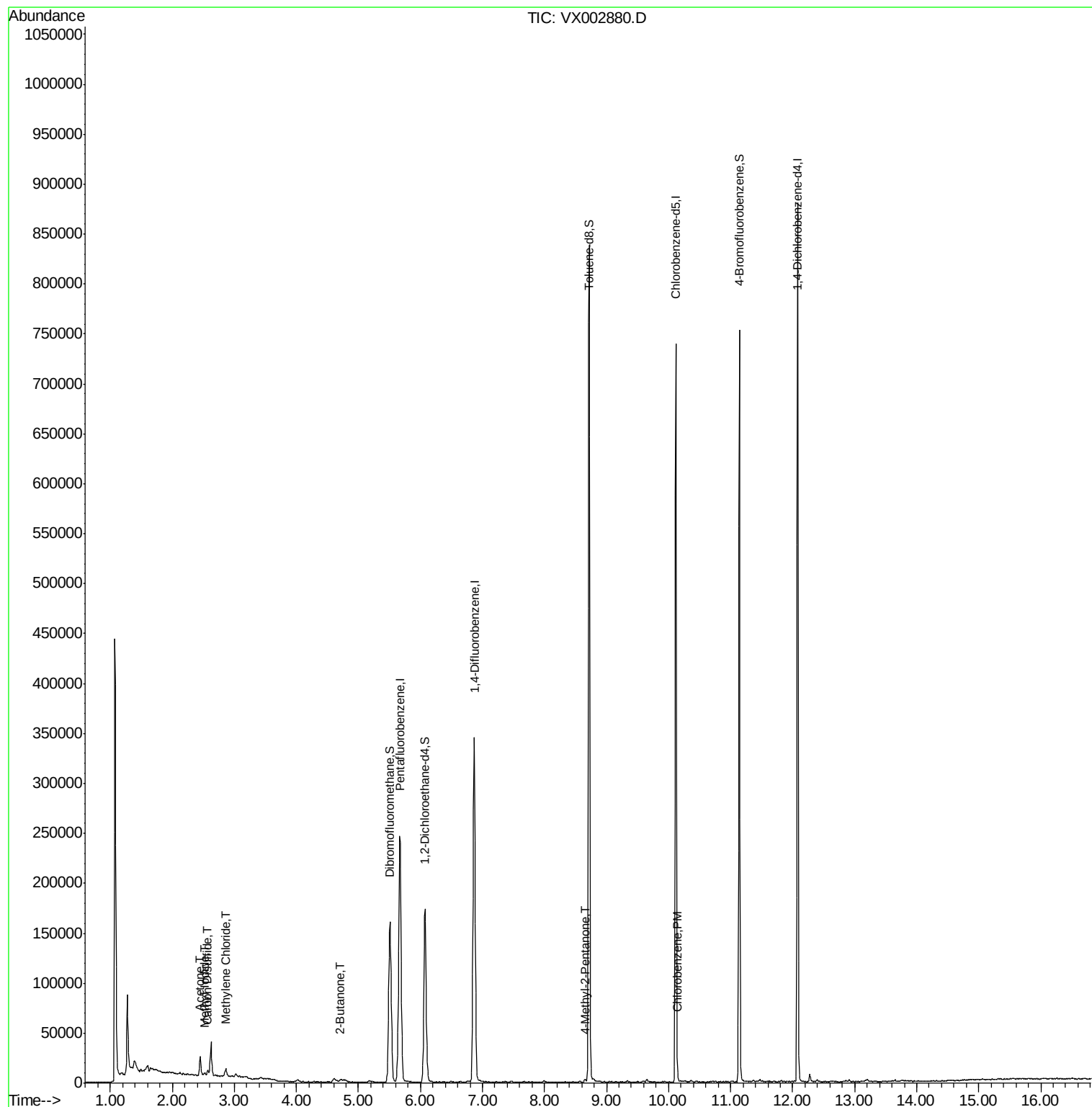
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	3136	7.22	ug/l	95
16) Acetone	2.45	43	19532	13.87	ug/l	99
17) Carbon Disulfide	2.57	76	7006	1.08	ug/l #	91
20) Methylene Chloride	2.86	84	3852	1.41	ug/l	95
25) 2-Butanone	4.71	43	5271	2.52	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1858	0.43	ug/l	94
65) Chlorobenzene	10.15	112	1846	0.23	ug/l	91

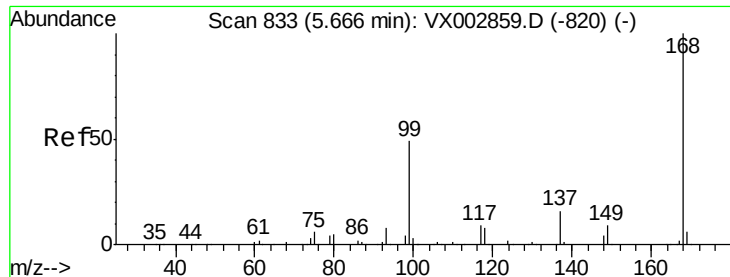
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GUNHILL-FIELDBLANK-1-6-21-18

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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: VX002880.D

Acq: 26 Jun 2018 00:47

Instrument :

MSVOA_X

ClientSampleId :

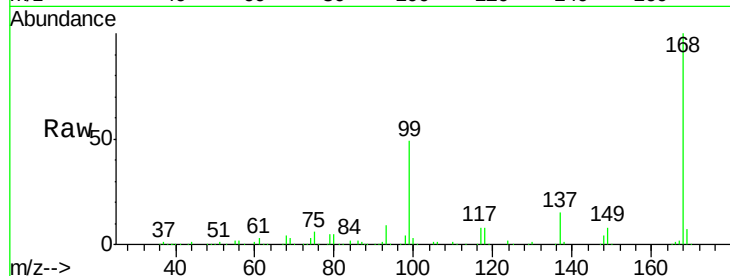
GUNHILL-FIELDBLANK-1-6-21-18

Tot Ion:168 Resp: 246080

Ion Ratio Lower Upper

168 100

99 48.6 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

80000

60000

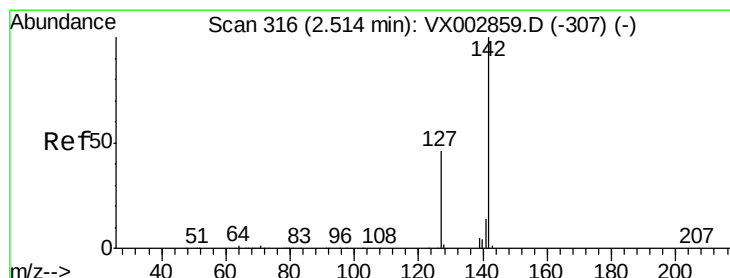
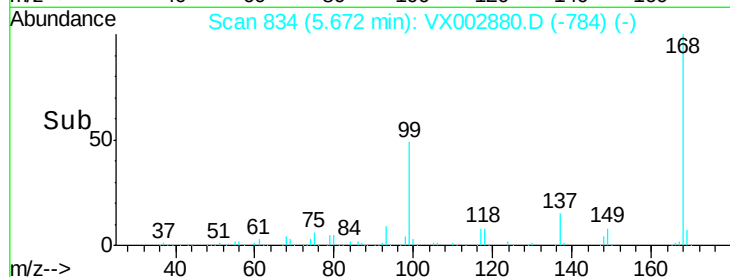
40000

20000

0

5.60 5.70 5.80

Time-->



#10

Methyl Iodide

Concen: 7.22 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002880.D

Acq: 26 Jun 2018 00:47

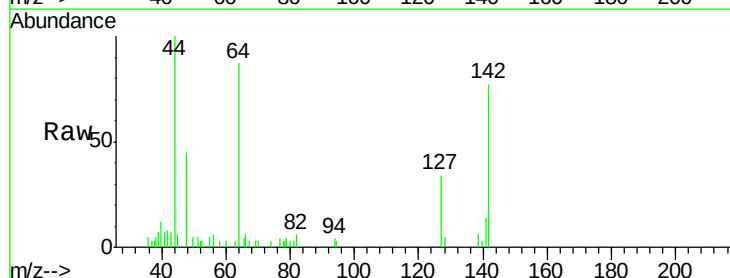
Tgt Ion:142 Resp: 3136

Ion Ratio Lower Upper

142 100

127 50.1 36.6 55.0

141 14.2 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.52

2000

1500

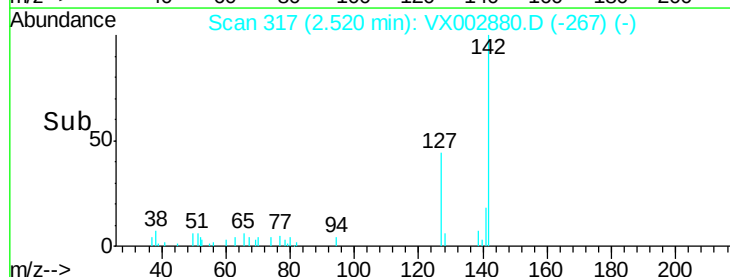
1000

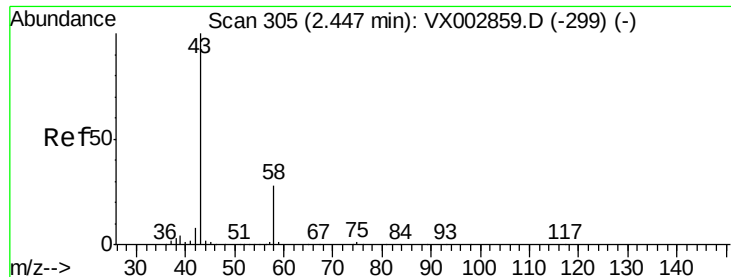
500

0

2.45 2.50 2.55 2.60

Time-->





#16

Acetone

Concen: 13.87 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002880.D

Acq: 26 Jun 2018 00:47

Instrument :

MSVOA_X

ClientSampleId :

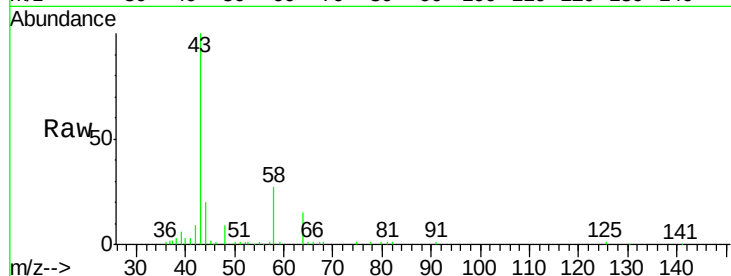
GUNHILL-FIELDBLANK-1-6-21-18

Tot Ion: 43 Resp: 19532

Ion Ratio Lower Upper

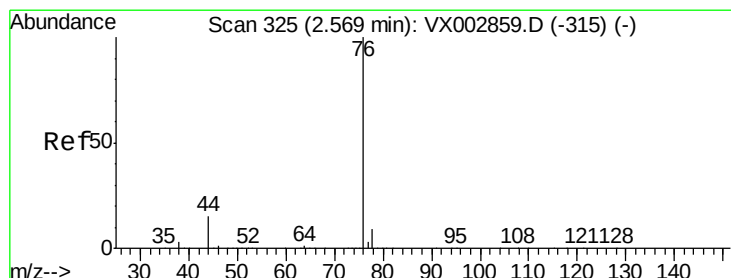
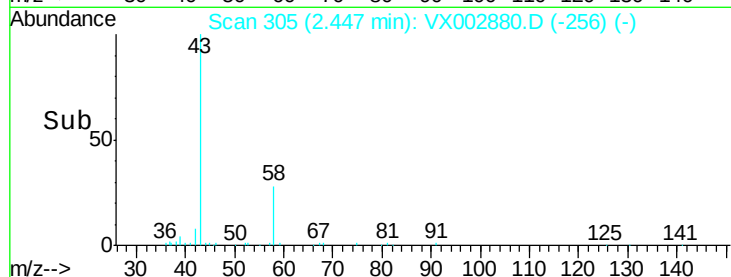
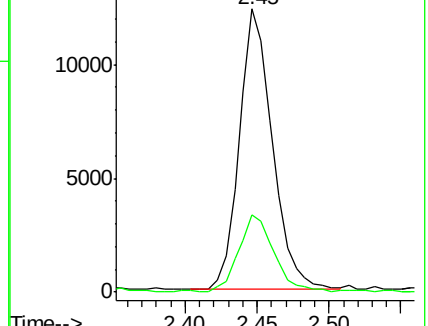
43 100

58 27.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 1.08 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002880.D

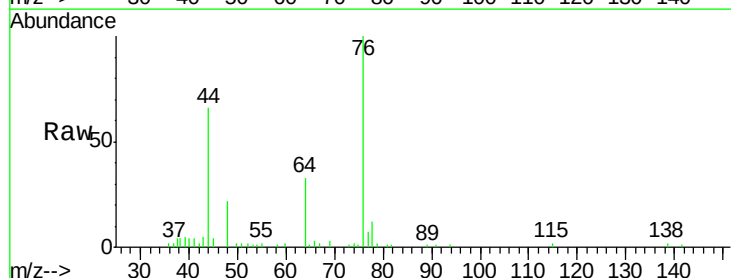
Acq: 26 Jun 2018 00:47

Tgt Ion: 76 Resp: 7006

Ion Ratio Lower Upper

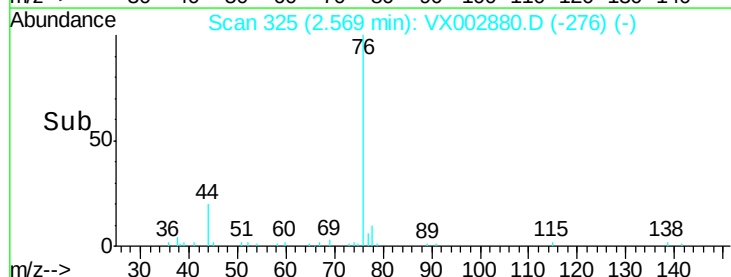
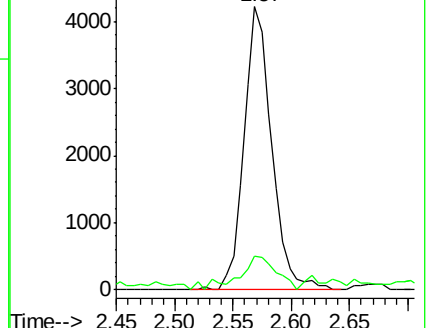
76 100

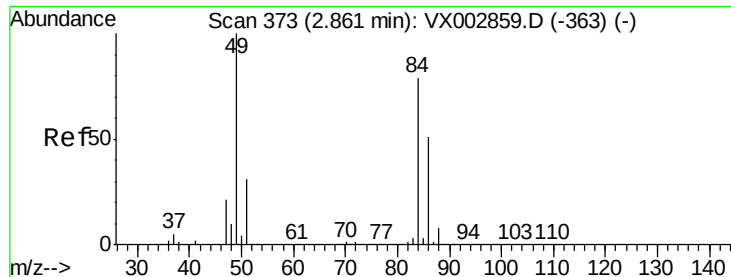
78 11.9 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

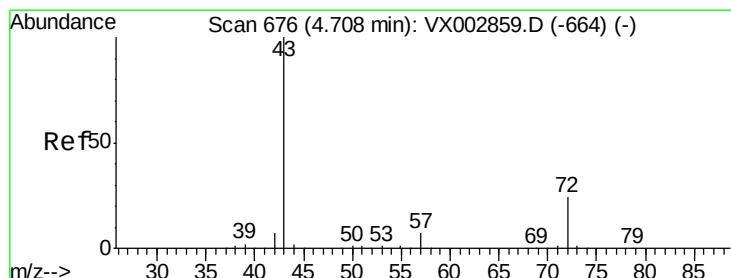
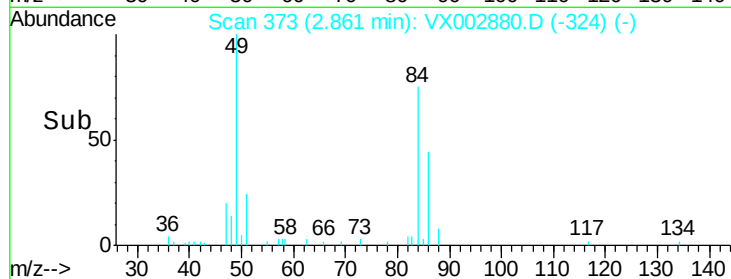
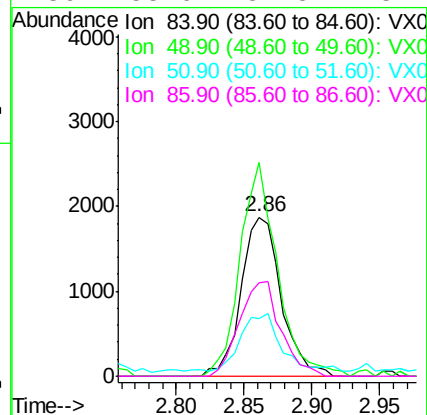
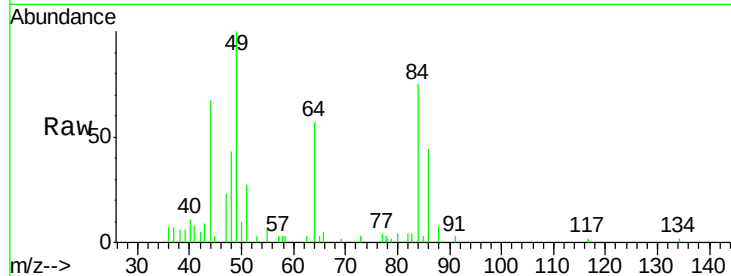




#20
Methvlene Chloride
Concen: 1.41 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002880.D
Acq: 26 Jun 2018 00:47

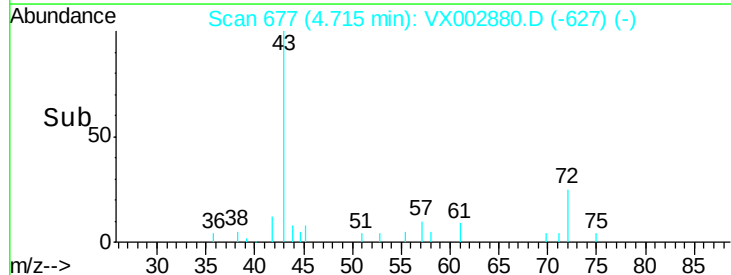
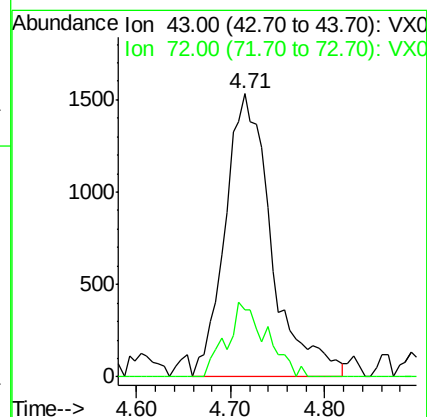
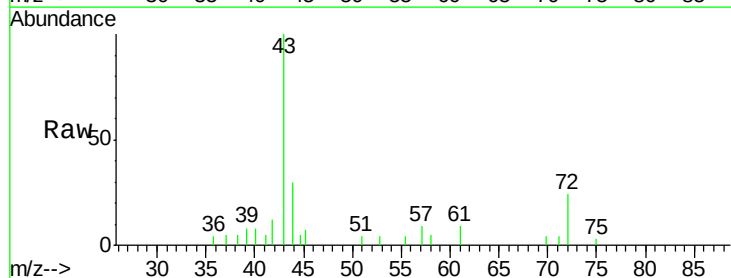
Instrument :
MSVOA_X
ClientSampleId :
GUNHILL-FIELDBLANK-1-6-21-18

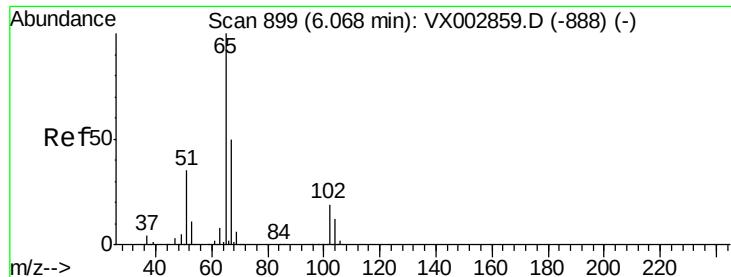
Tot Ion:	84	Resp:	3852
Ion	Ratio	Lower	Upper
84	100		
49	134.1	107.8	161.6
51	33.5	32.8	49.2
86	58.6	52.5	78.7



#25
2-Butanone
Concen: 2.52 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX002880.D
Acq: 26 Jun 2018 00:47

Tgt Ion:	43	Resp:	5271
Ion	Ratio	Lower	Upper
43	100		
72	23.9	18.5	27.7

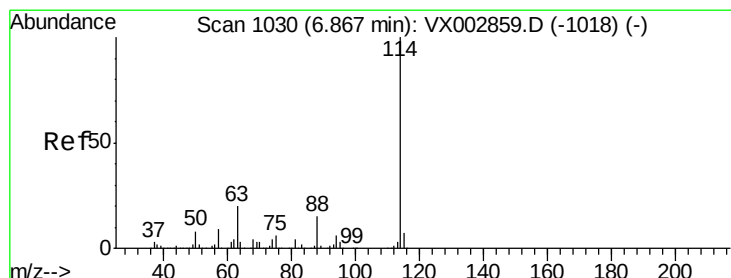
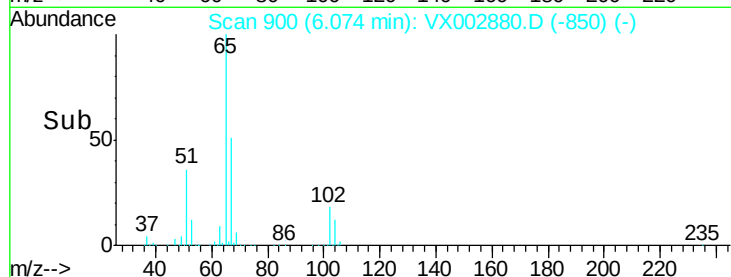
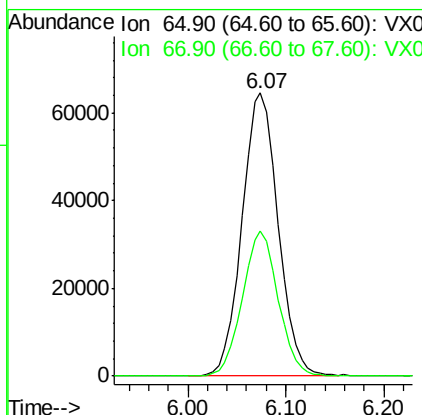
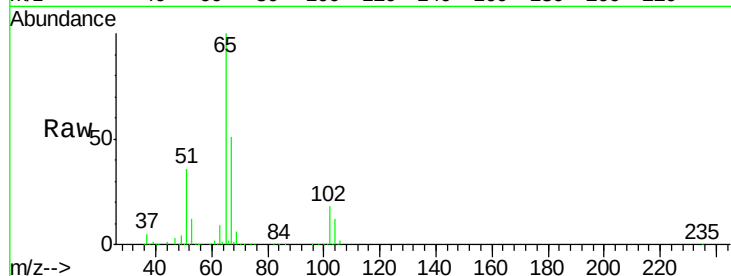




#33
 1,2-Dichloroethane-d4
 Concen: 48.78 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002880.D
 Acq: 26 Jun 2018 00:47

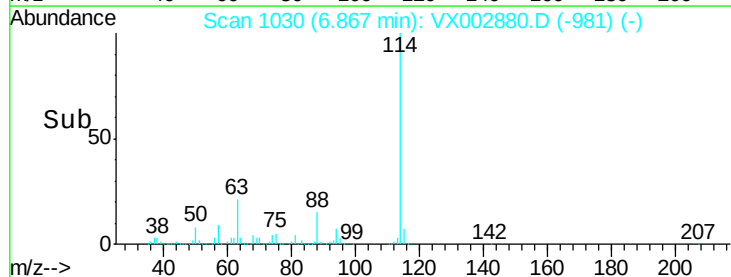
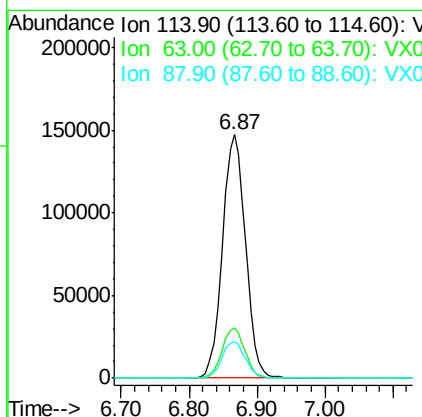
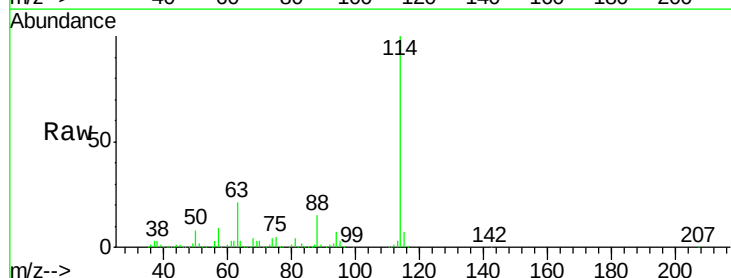
Instrument :
 MSVOA_X
 ClientSampleId :
 GUNHILL-FIELDBLANK-1-6-21-18

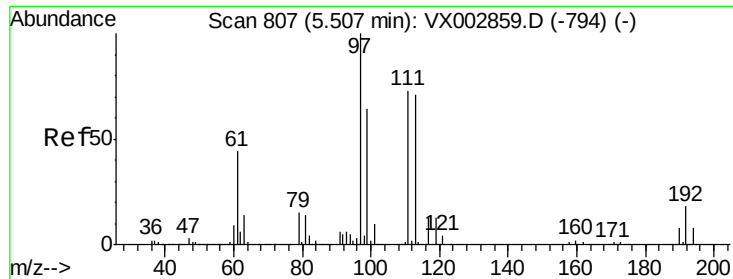
Tot Ion: 65 Resp: 165931
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002880.D
 Acq: 26 Jun 2018 00:47

Tgt Ion: 114 Resp: 344968
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.61 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002880.D

Acq: 26 Jun 2018 00:47

Instrument :

MSVOA_X

ClientSampleId :

GUNHILL-FIELDBLANK-1-6-21-18

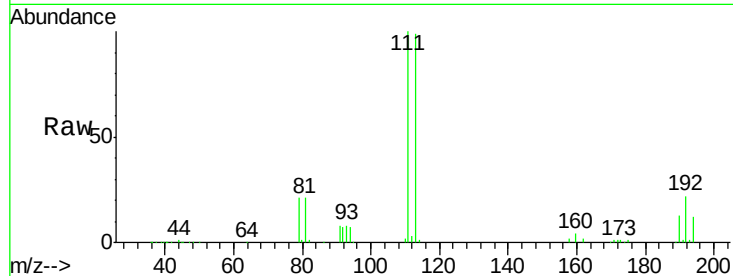
Tot Ion:113 Resp: 132783

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

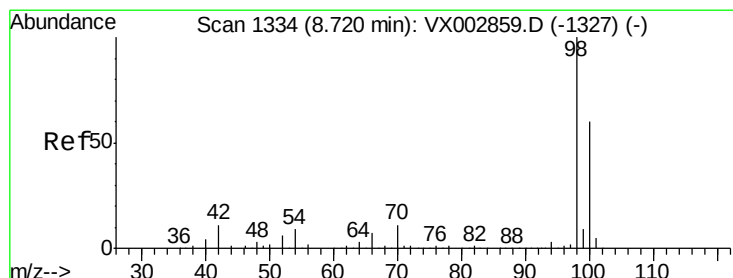
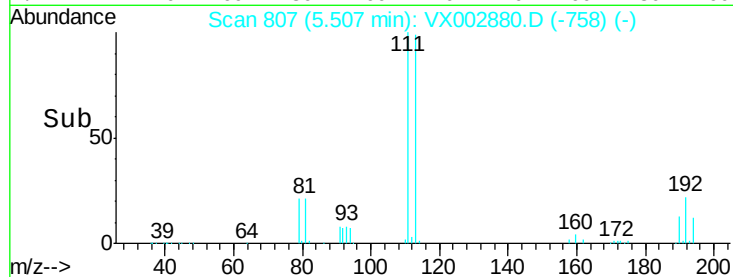
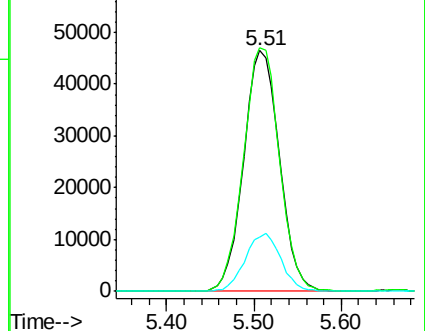
192 23.9 19.1 28.7



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: 48.69 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002880.D

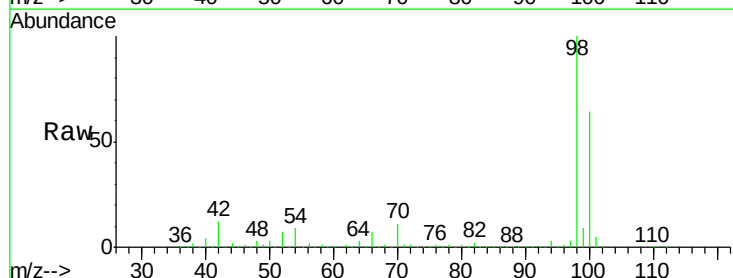
Acq: 26 Jun 2018 00:47

Tgt Ion: 98 Resp: 485695

Ion Ratio Lower Upper

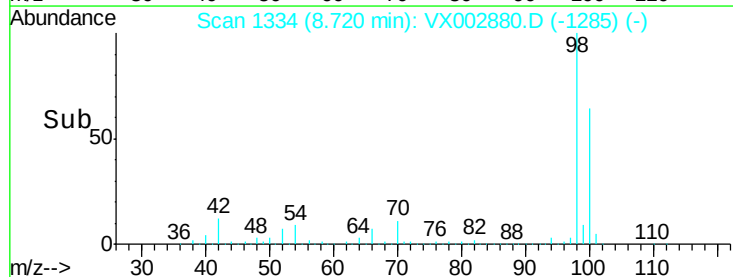
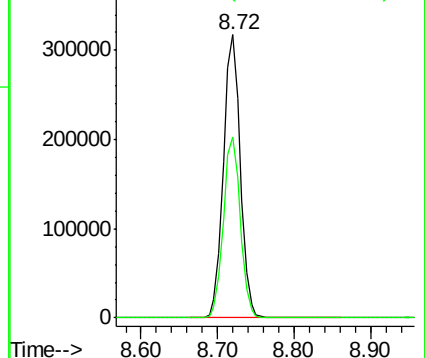
98 100

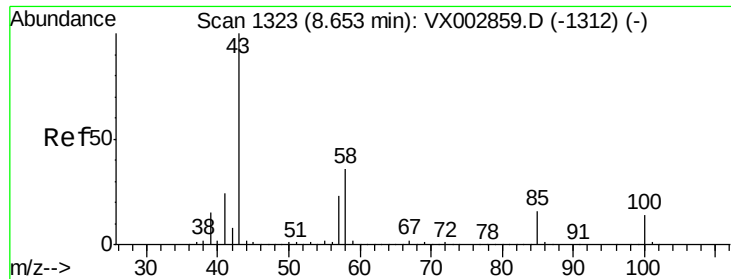
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.43 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002880.D

Acq: 26 Jun 2018 00:47

Instrument :

MSVOA_X

ClientSampleId :

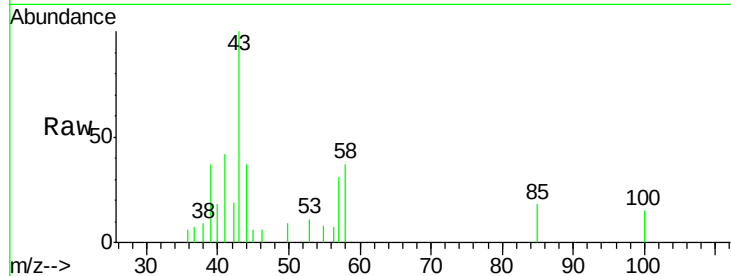
GUNHILL-FIELDBLANK-1-6-21-18

Tot Ion: 43 Resp: 1858

Ion Ratio Lower Upper

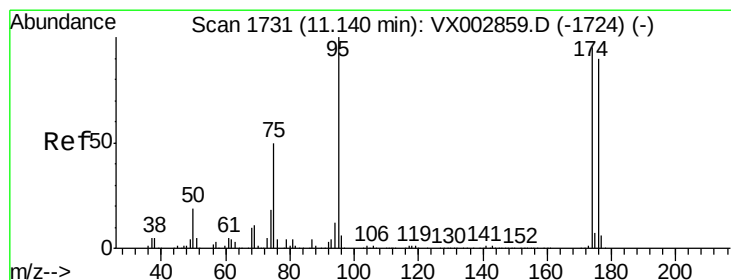
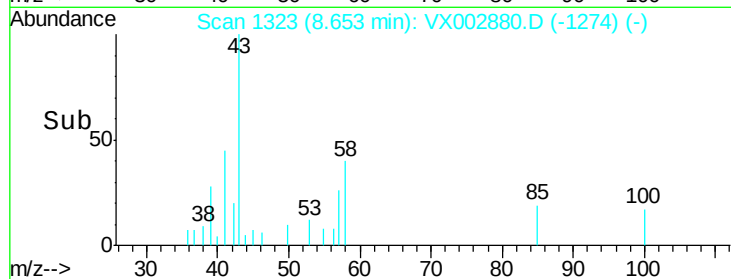
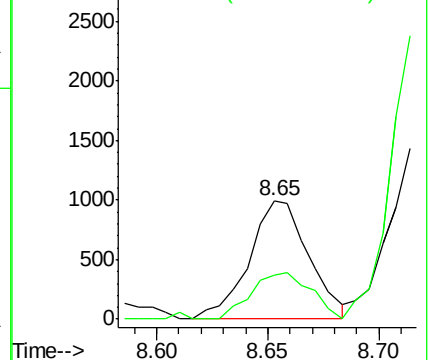
43 100

58 39.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002880.D

Acq: 26 Jun 2018 00:47

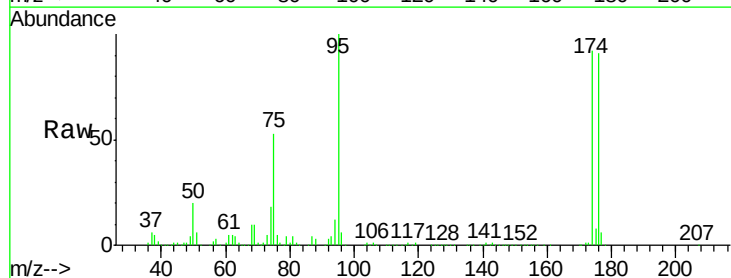
Tgt Ion: 95 Resp: 171870

Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.4

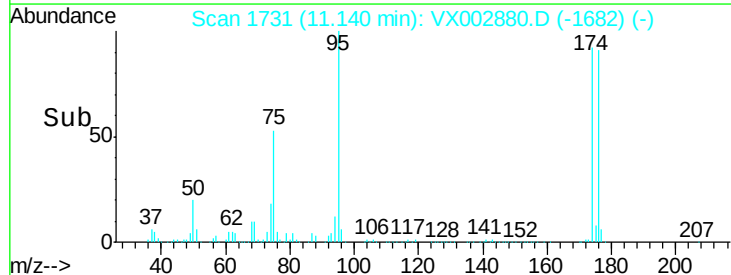
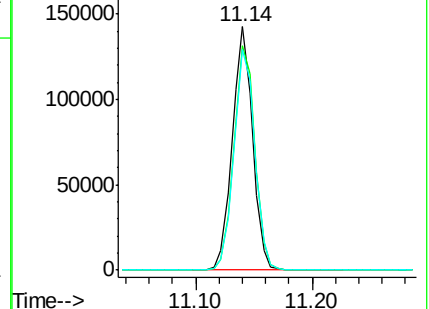
176 93.8 0.0 181.0

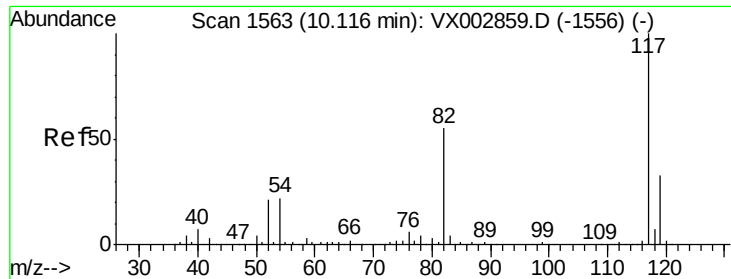


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

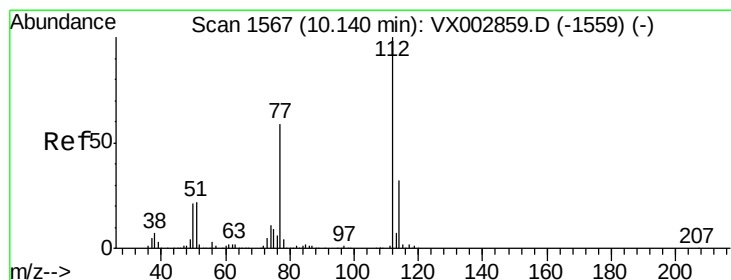
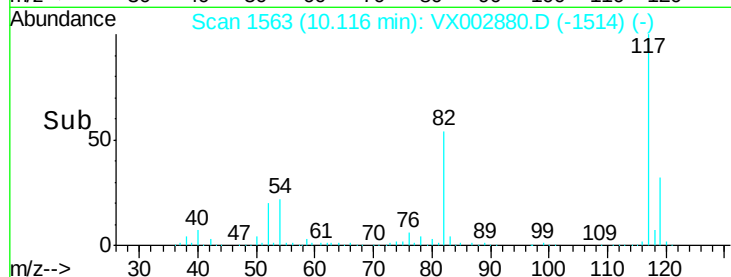
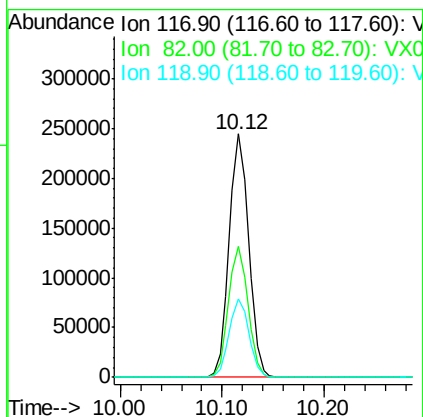
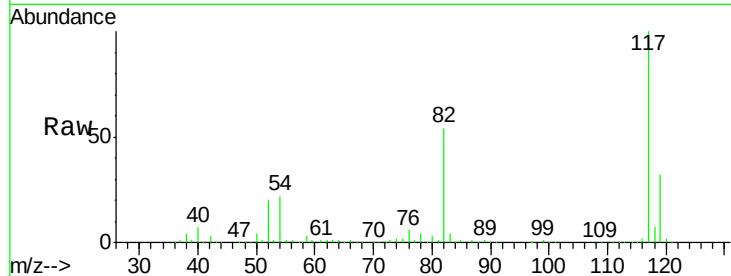




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002880.D
Acq: 26 Jun 2018 00:47

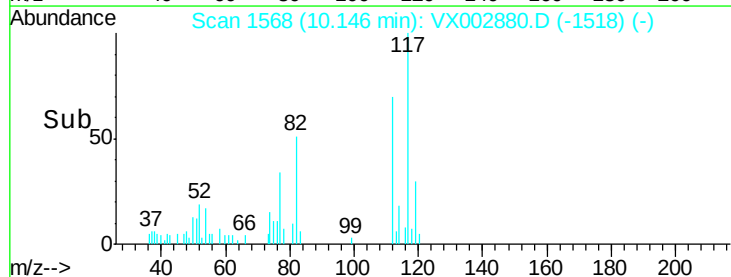
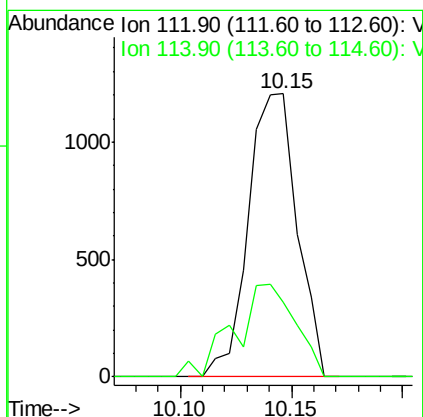
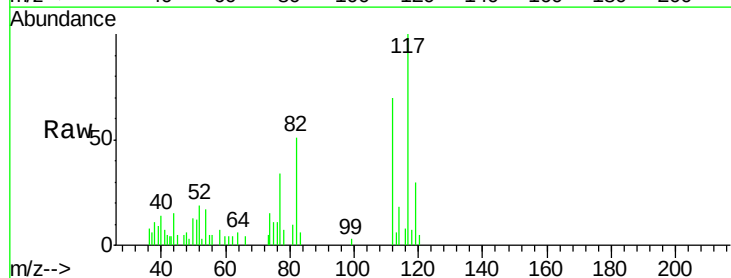
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GUNHILL-FIELDBLANK-1-6-21-18

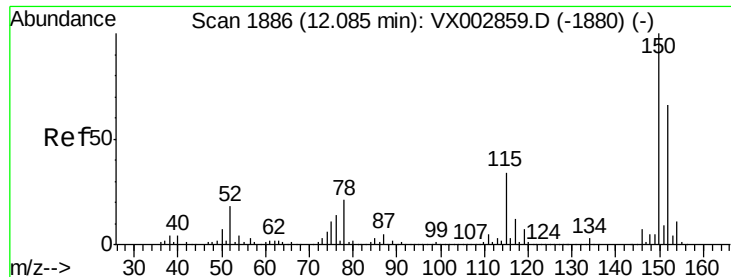
Tot Ion:117 Resp: 322397
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.1 25.8 38.6



#65
Chlorobenzene
Concen: 0.23 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX002880.D
Acq: 26 Jun 2018 00:47

Tgt Ion:112 Resp: 1846
Ion Ratio Lower Upper
112 100
114 26.5 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002880.D

Acq: 26 Jun 2018 00:47

Instrument :

MSVOA_X

ClientSampleId :

GUNHILL-FIELDBLANK-1-6-21-18

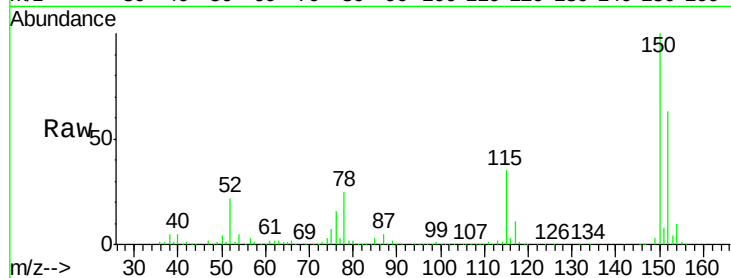
Tot Ion:152 Resp: 184030

Ion Ratio Lower Upper

152 100

115 54.0 40.1 120.2

150 156.5 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

