

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004586.D
 Acq On : 15 Sep 2018 16:00
 Operator : JC/MD
 Sample : J4922-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK-091318

Quant Time: Sep 17 08:49:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193297	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	148172	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
35) Dibromofluoromethane	5.50	113	148446	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
50) Toluene-d8	8.72	98	499547	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
62) 4-Bromofluorobenzene	11.14	95	176707	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	

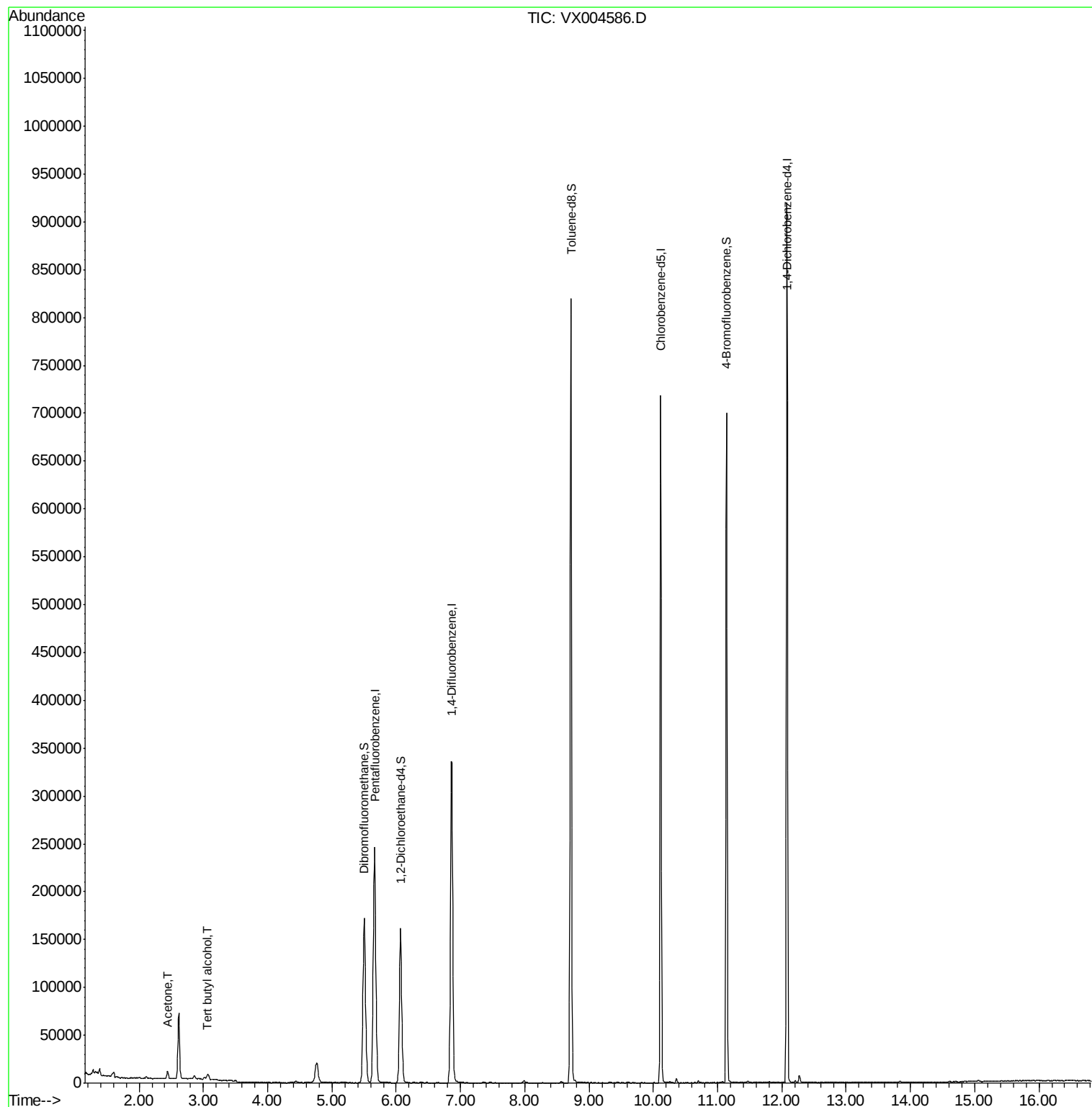
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	8739	11.37	ug/l	99
16) Acetone	2.44	43	8799	5.60	ug/l	96

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

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QLast Update : Wed Sep 12 02:17:23 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004586.D

Acq: 15 Sep 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

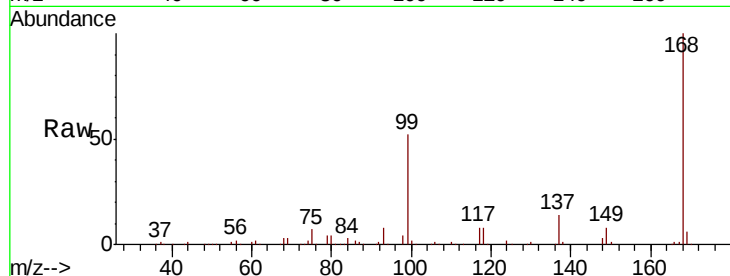
FIELD-BLANK-091318

Tot Ion:168 Resp: 249835

Ion Ratio Lower Upper

168 100

99 51.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

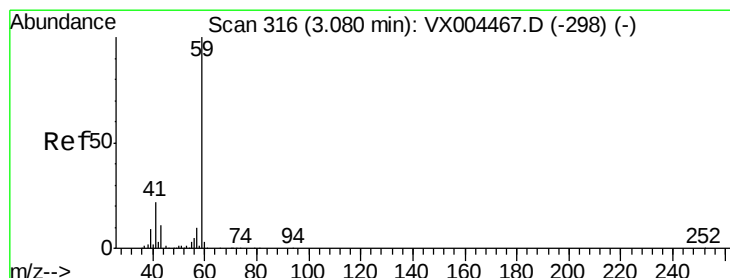
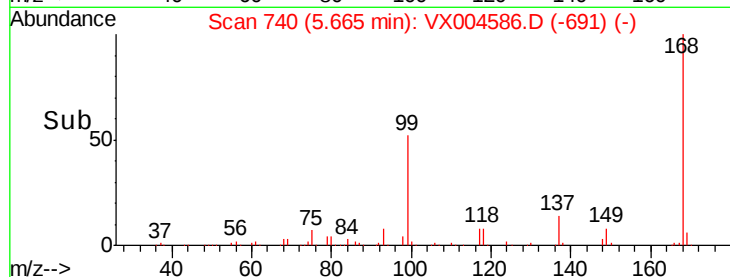
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 11.37 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX004586.D

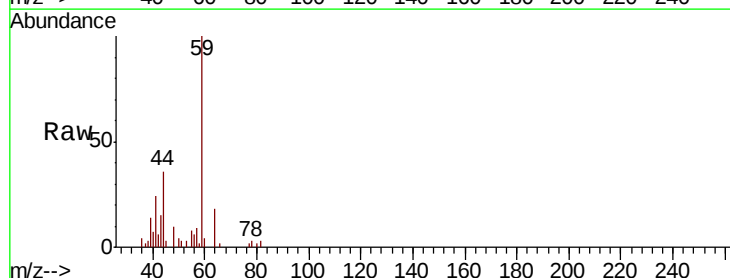
Acq: 15 Sep 2018 16:00

Tgt Ion: 59 Resp: 8739

Ion Ratio Lower Upper

59 100

57 10.8 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

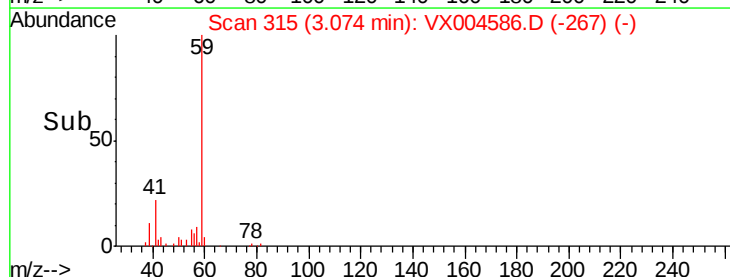
3000

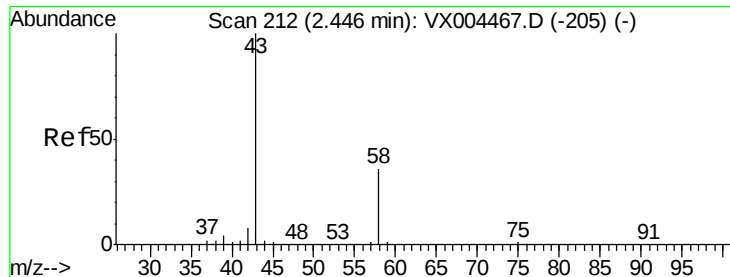
2000

1000

0

Time--> 3.00 3.10





#16

Acetone

Concen: 5.60 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004586.D

Acq: 15 Sep 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

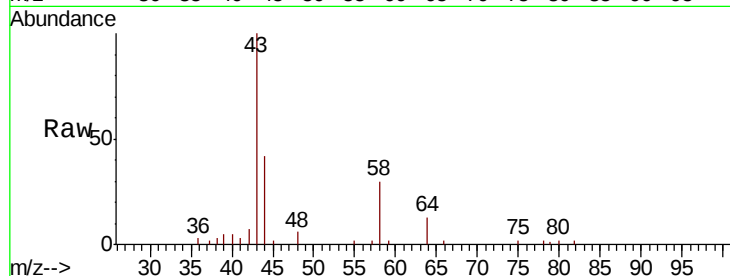
FIELD-BLANK-091318

Tot Ion: 43 Resp: 8799

Ion Ratio Lower Upper

43 100

58 30.5 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

6000

5000

4000

3000

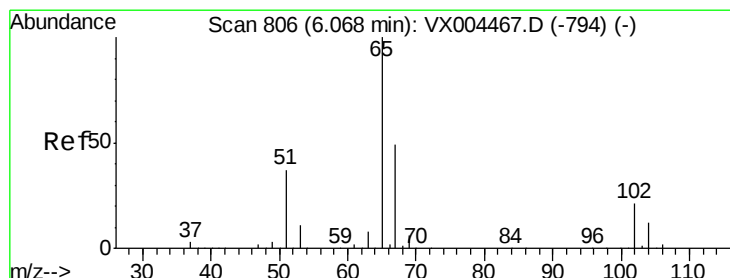
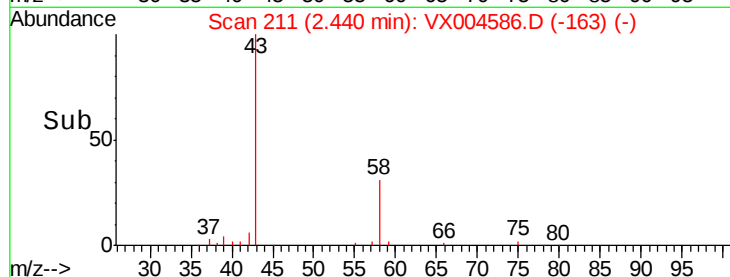
2000

1000

0

Time-->

2.35 2.40 2.45 2.50 2.55



#33

1,2-Dichloroethane-d4

Concen: 46.00 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004586.D

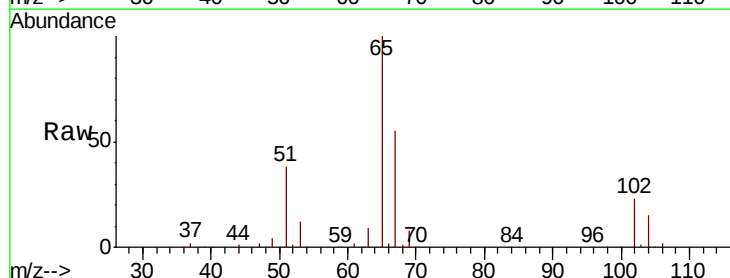
Acq: 15 Sep 2018 16:00

Tgt Ion: 65 Resp: 148172

Ion Ratio Lower Upper

65 100

67 54.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

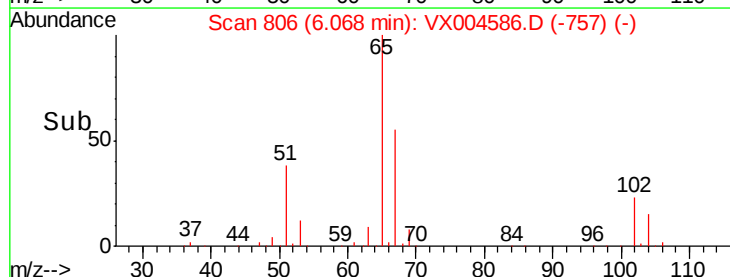
40000

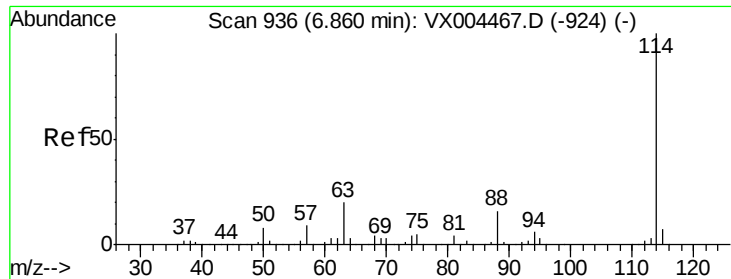
20000

0

Time-->

5.90 6.00 6.10 6.20

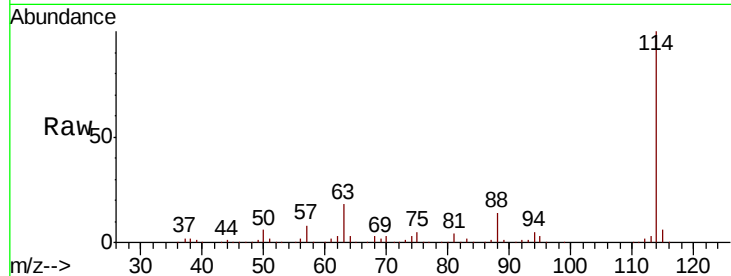




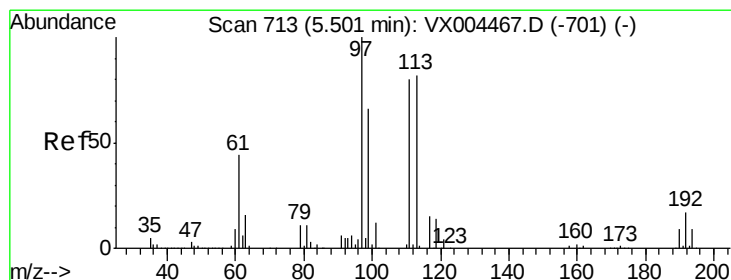
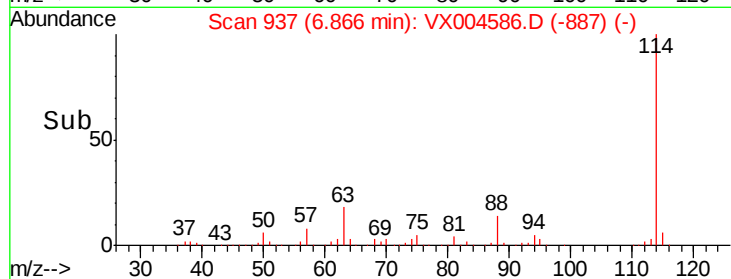
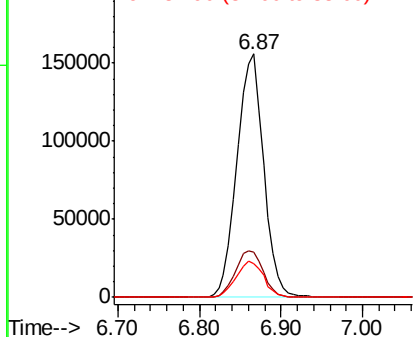
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004586.D
 Acq: 15 Sep 2018 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK-091318

Tot Ion:114 Resp: 353845
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.0
 88 14.0 0.0 30.4

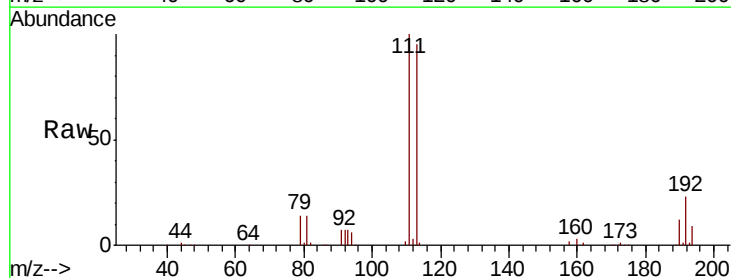


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

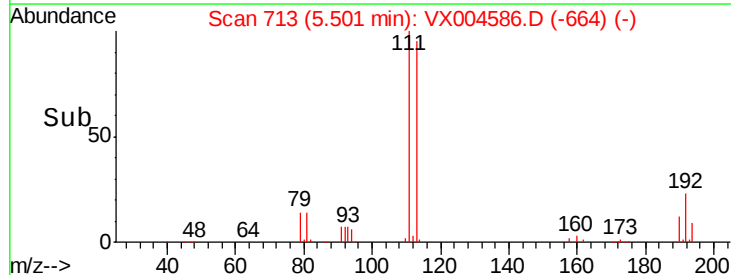
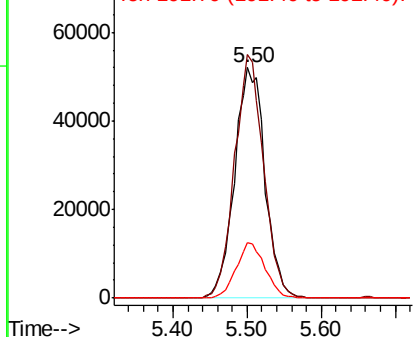


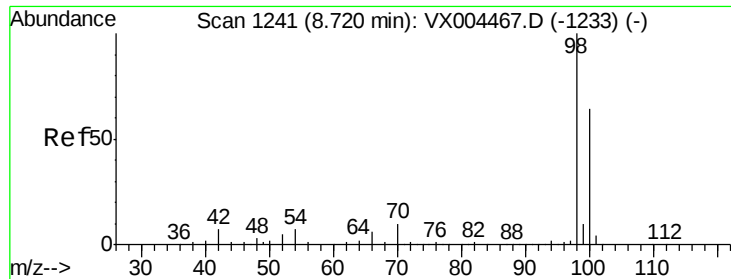
#35
 Dibromofluoromethane
 Concen: 45.84 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004586.D
 Acq: 15 Sep 2018 16:00

Tgt Ion:113 Resp: 148446
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.4 123.6
 192 23.0 19.4 29.2



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: 46.00 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004586.D

Acq: 15 Sep 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

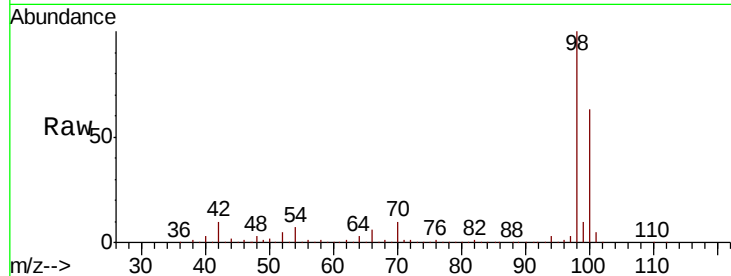
FIELD-BLANK-091318

Tot Ion: 98 Resp: 499547

Ion Ratio Lower Upper

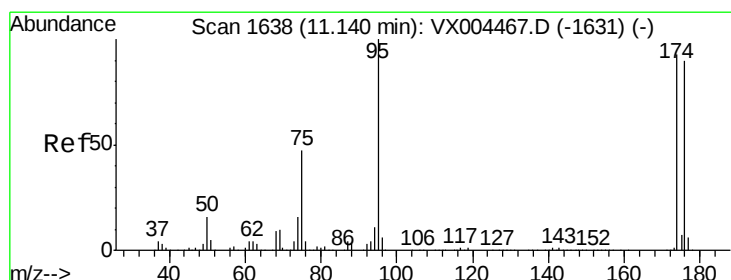
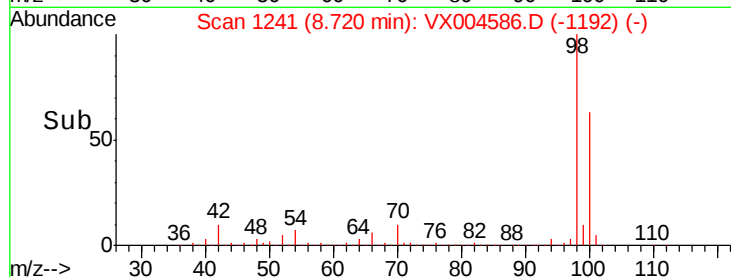
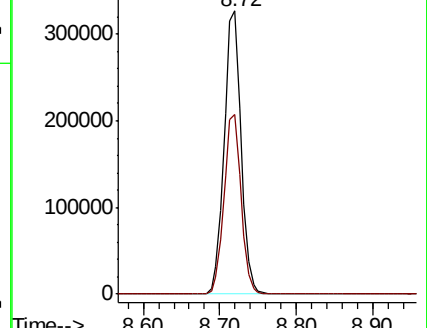
98 100

100 64.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.59 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004586.D

Acq: 15 Sep 2018 16:00

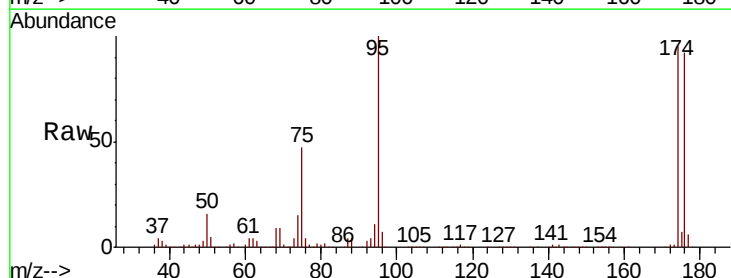
Tgt Ion: 95 Resp: 176707

Ion Ratio Lower Upper

95 100

174 92.8 0.0 185.2

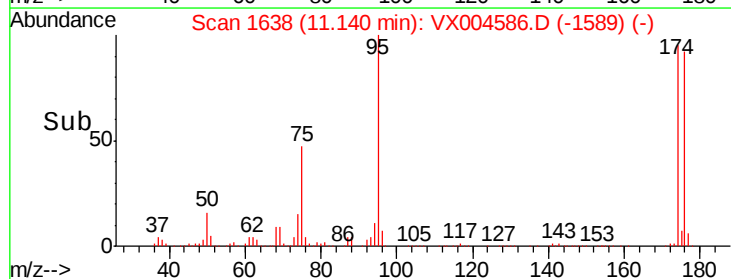
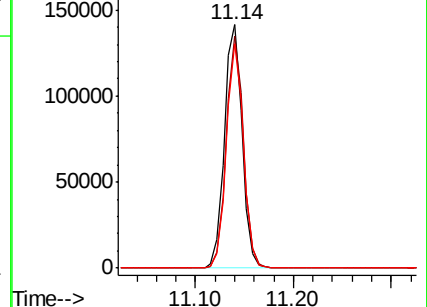
176 89.1 0.0 178.6

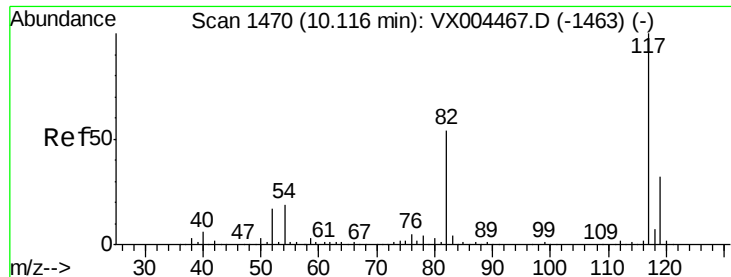


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

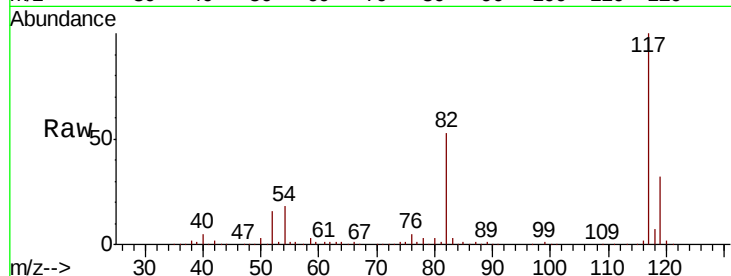




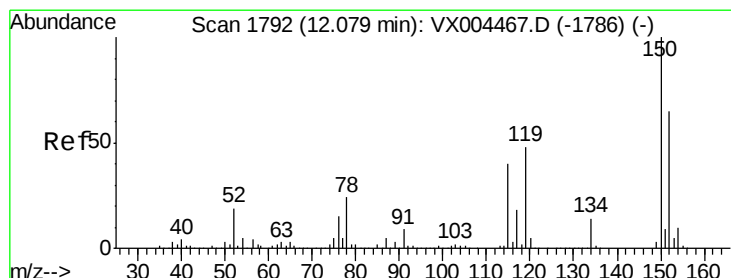
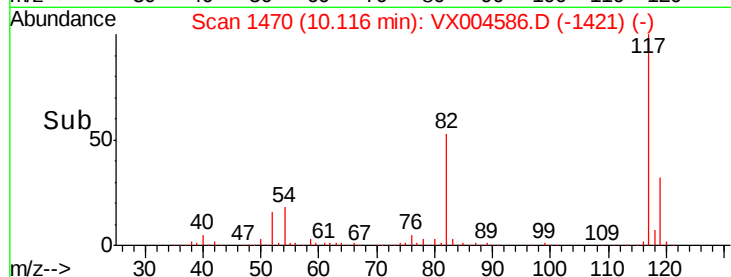
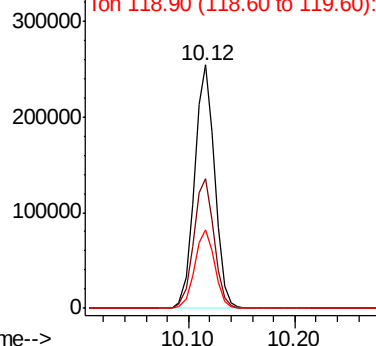
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004586.D
Acq: 15 Sep 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK-091318

Tot Ion:117 Resp: 335910
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.6
119 32.4 29.3 43.9

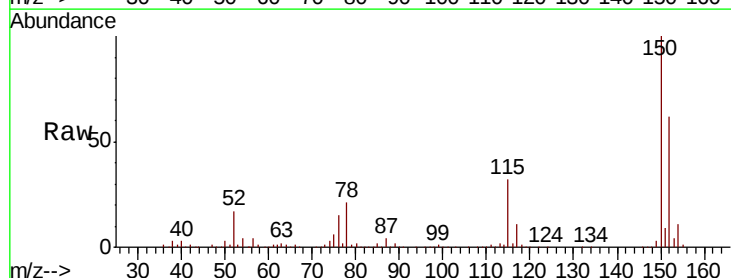


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004586.D
Acq: 15 Sep 2018 16:00

Tgt Ion:152 Resp: 193297
Ion Ratio Lower Upper
152 100
115 54.9 39.0 117.0
150 158.7 0.0 351.0



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

