

Data File : VX004749.D
Acq On : 27 Sep 2018 03:18
Operator : JC/MD
Sample : J5029-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-2-8.0-092018

Quant Time: Oct 04 04:50:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

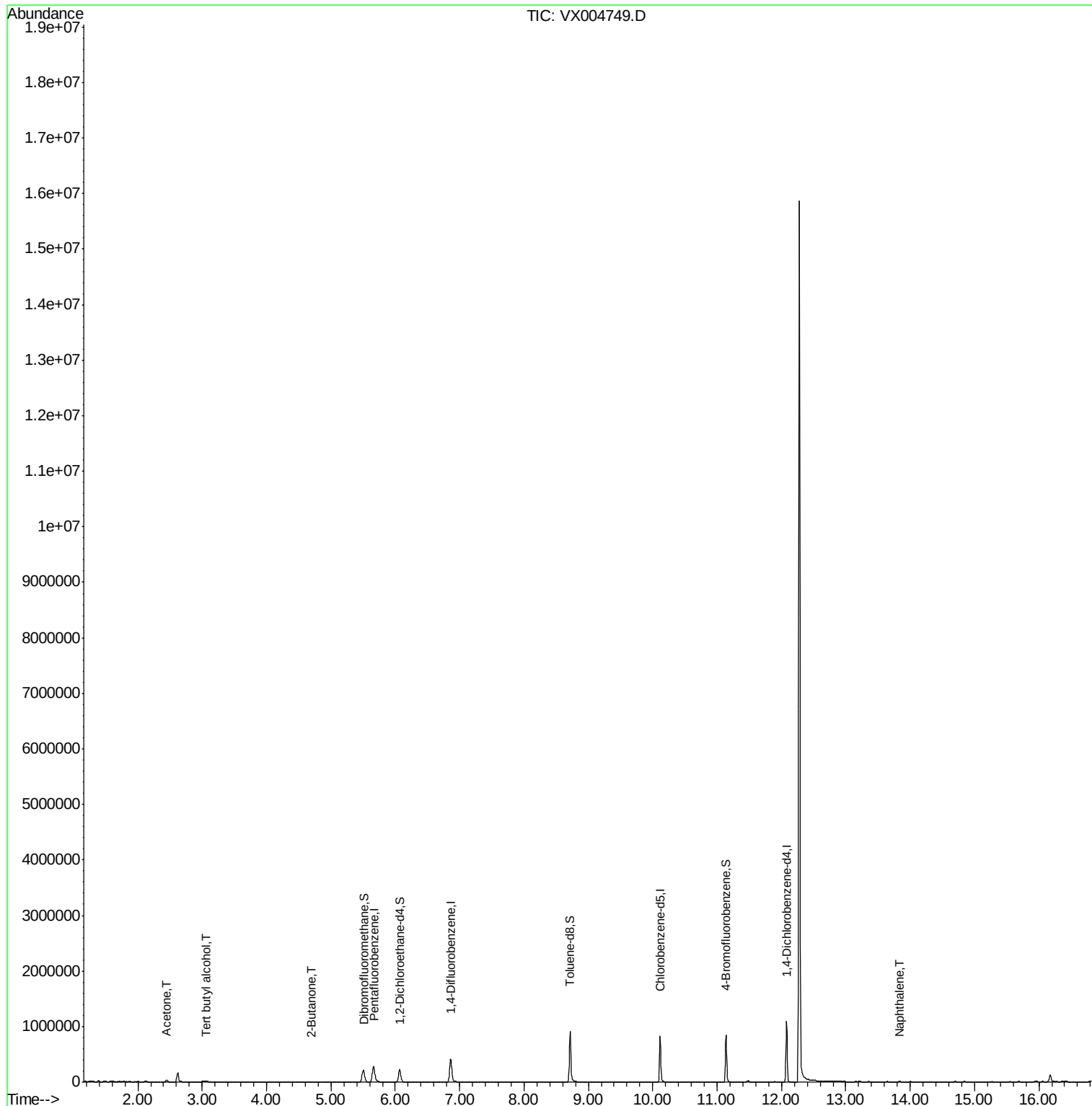
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	433133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	213630	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
35) Dibromofluoromethane	5.51	113	187351	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
50) Toluene-d8	8.71	98	605900	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.14	95	223015	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
Target Compounds						
11) Tert butyl alcohol	3.07	59	11086	9.089	ug/l #	93
16) Acetone	2.45	43	26947	10.581	ug/l	90
25) 2-Butanone	4.70	43	5700	1.518	ug/l	95
95) Naphthalene	13.83	128	8161	1.136	ug/l #	95

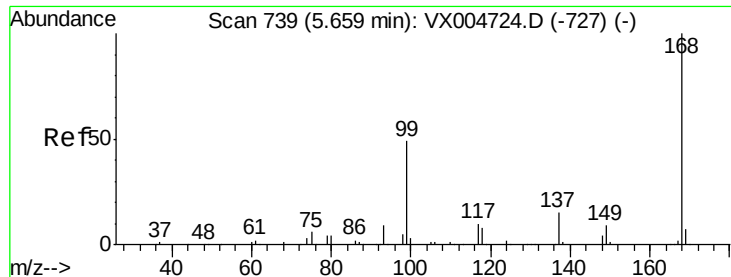
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

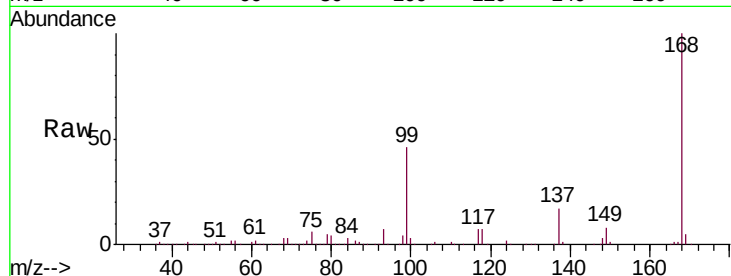
T11-MW-2-8.0-092018

Tgt Ion:168 Resp: 305375

Ion Ratio Lower Upper

168 100

99 45.7 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

120000

100000

80000

60000

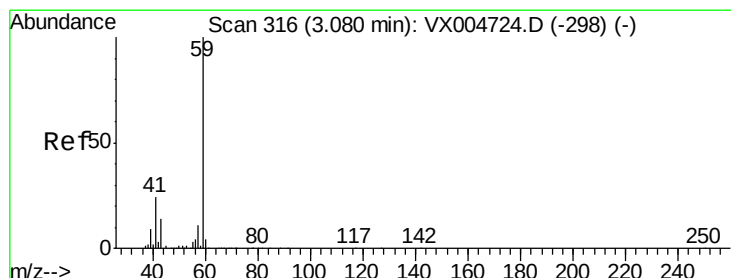
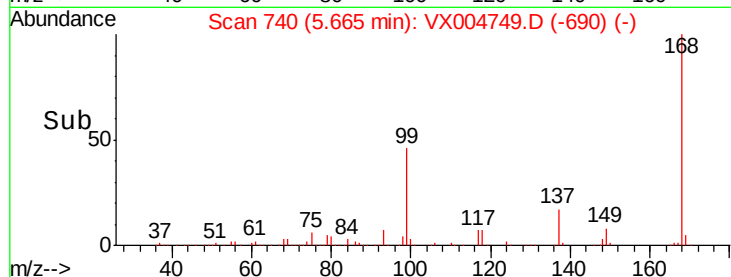
40000

20000

0

Time-->

5.60 5.80



#11

Tert butyl alcohol

Concen: 9.089 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX004749.D

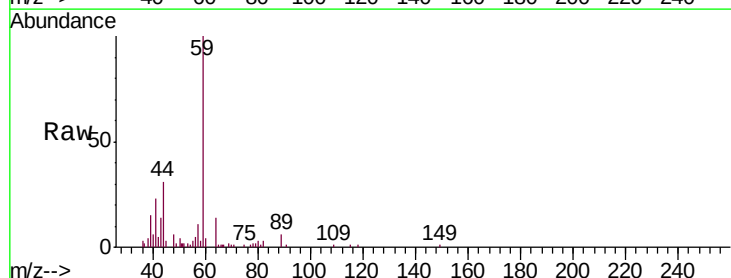
Acq: 27 Sep 2018 03:18

Tgt Ion: 59 Resp: 11086

Ion Ratio Lower Upper

59 100

57 12.9 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

6000

5000

4000

3000

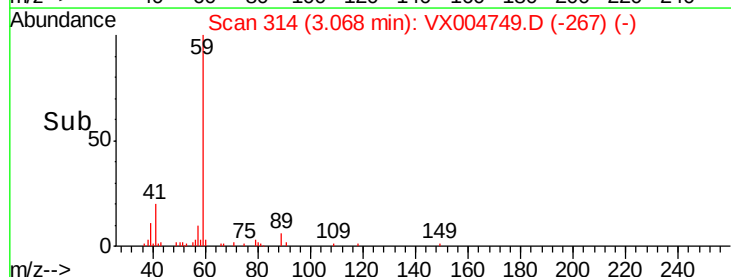
2000

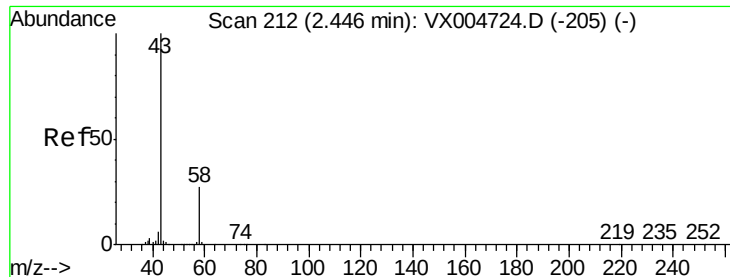
1000

0

Time-->

3.00 3.05 3.10 3.15 3.20





#16

Acetone

Concen: 10.581 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004749.D

Acq: 27 Sep 2018 03:18

Instrument :

MSVOA_X

ClientSampleId :

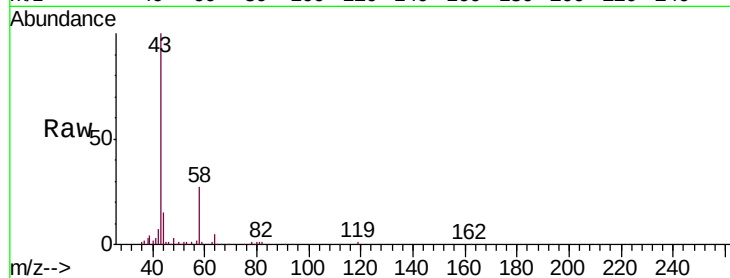
T11-MW-2-8.0-092018

Tgt Ion: 43 Resp: 26947

Ion Ratio Lower Upper

43 100

58 26.9 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

15000

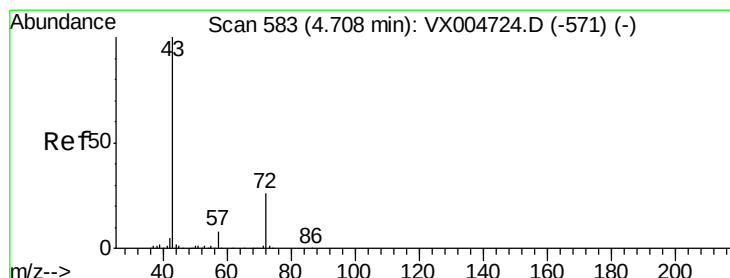
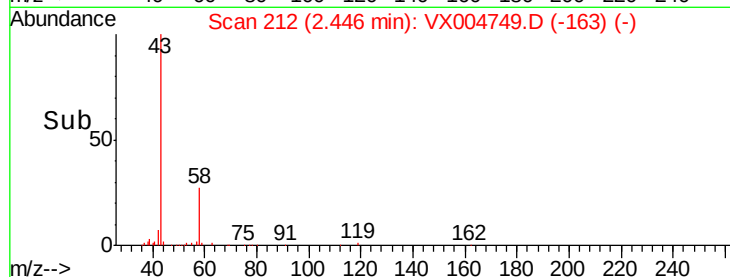
10000

5000

0

2.35 2.40 2.45 2.50 2.55

Time-->



#25

2-Butanone

Concen: 1.518 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004749.D

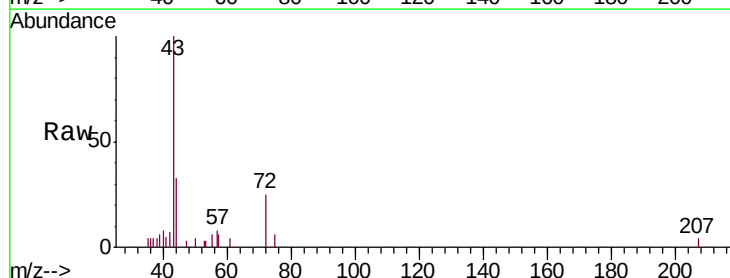
Acq: 27 Sep 2018 03:18

Tgt Ion: 43 Resp: 5700

Ion Ratio Lower Upper

43 100

72 24.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

2000

1500

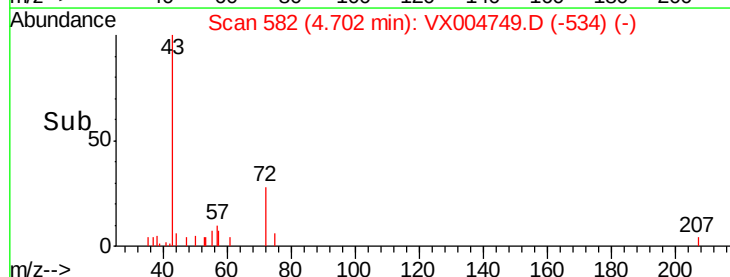
1000

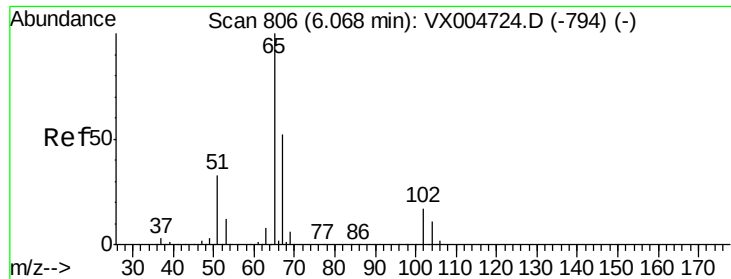
500

0

4.60 4.70 4.80

Time-->

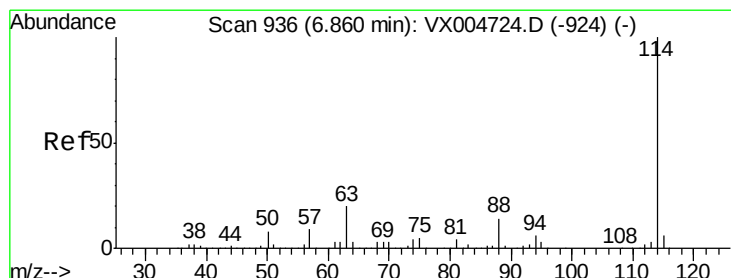
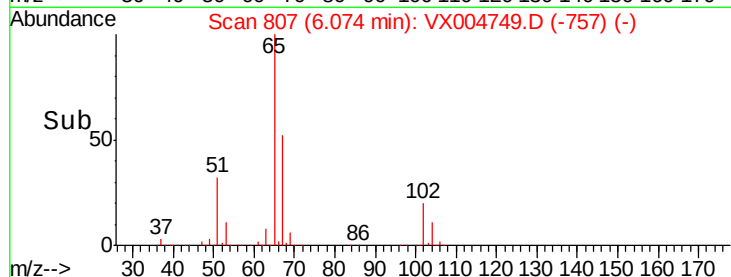
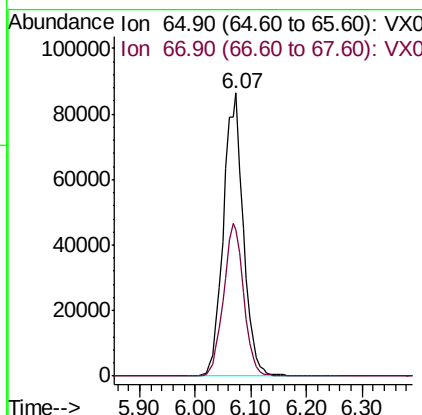
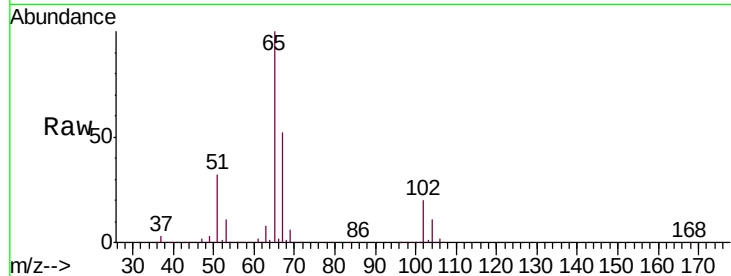




#33
 1,2-Dichloroethane-d4
 Concen: 48.972 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004749.D
 Acq: 27 Sep 2018 03:18

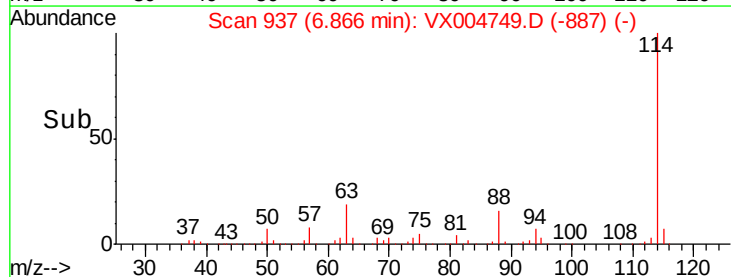
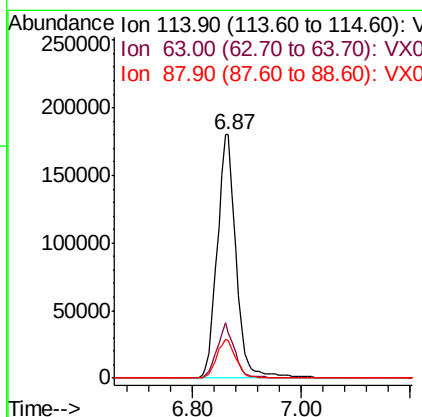
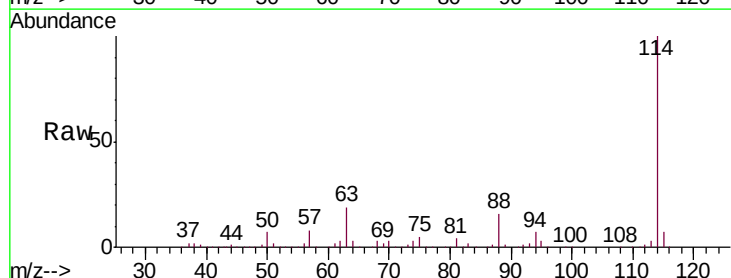
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-2-8.0-092018

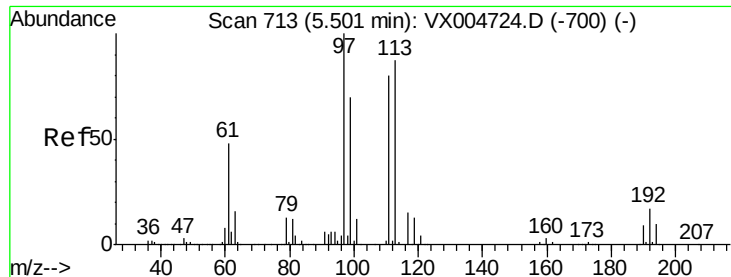
Tgt Ion: 65 Resp: 213630
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004749.D
 Acq: 27 Sep 2018 03:18

Tgt Ion: 114 Resp: 433133
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.0
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.037 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004749.D

Acq: 27 Sep 2018 03:18

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-2-8.0-092018

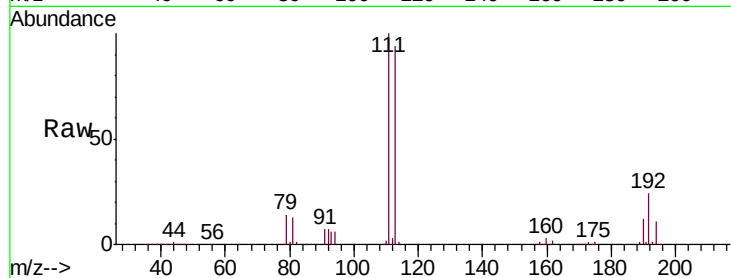
Tgt Ion:113 Resp: 187351

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

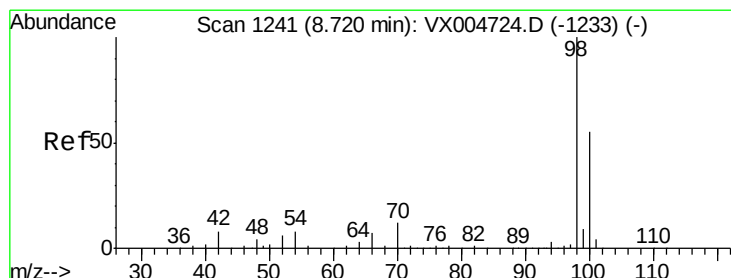
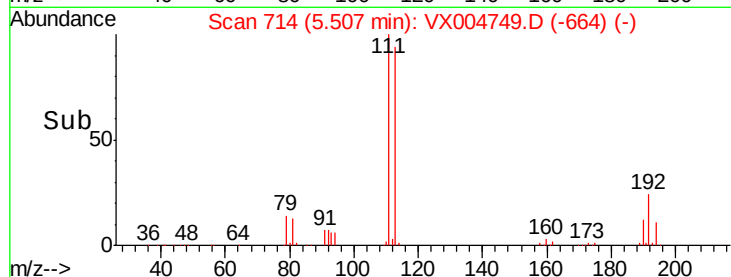
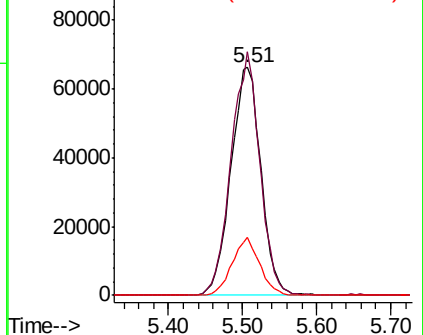
192 23.4 19.4 29.2



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: 49.649 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004749.D

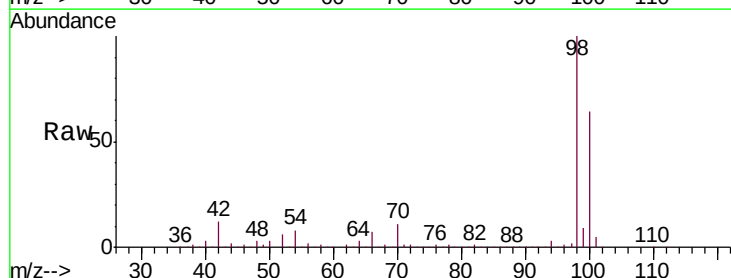
Acq: 27 Sep 2018 03:18

Tgt Ion: 98 Resp: 605900

Ion Ratio Lower Upper

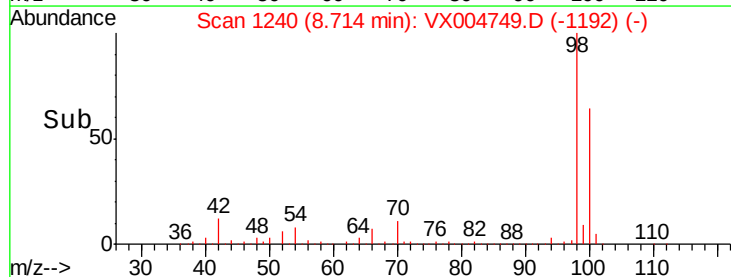
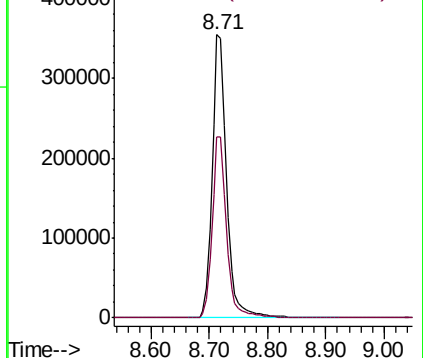
98 100

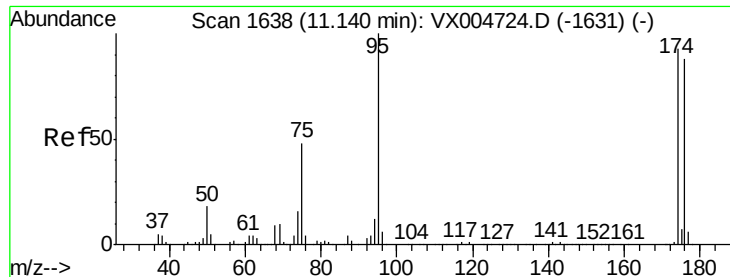
100 63.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.726 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004749.D

Acq: 27 Sep 2018 03:18

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-2-8.0-092018

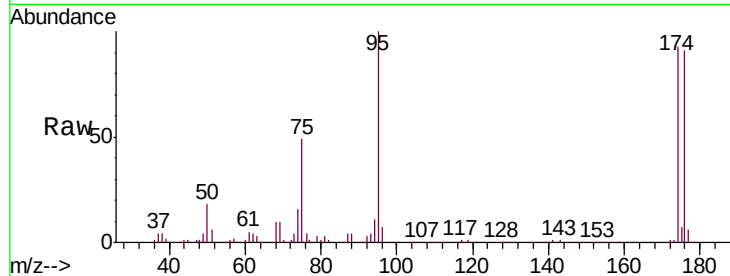
Tgt Ion: 95 Resp: 223015

Ion Ratio Lower Upper

95 100

174 90.3 0.0 185.2

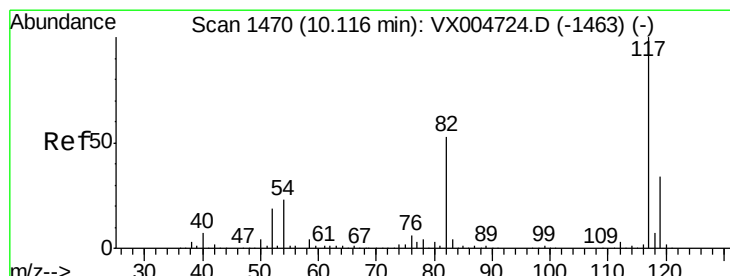
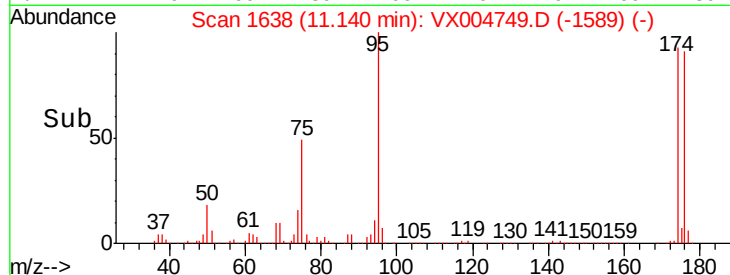
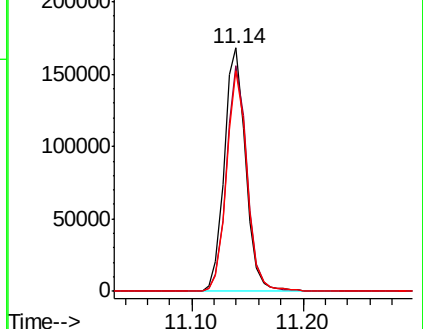
176 87.6 0.0 178.6



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: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004749.D

Acq: 27 Sep 2018 03:18

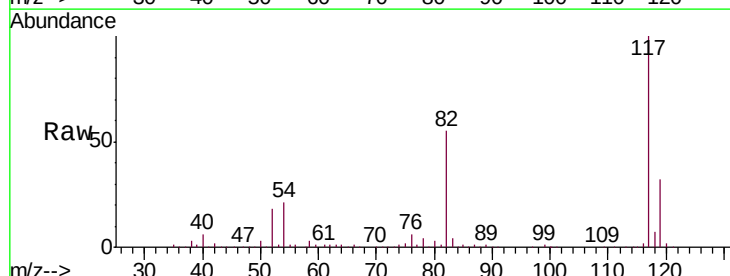
Tgt Ion: 117 Resp: 406030

Ion Ratio Lower Upper

117 100

82 54.7 47.8 71.6

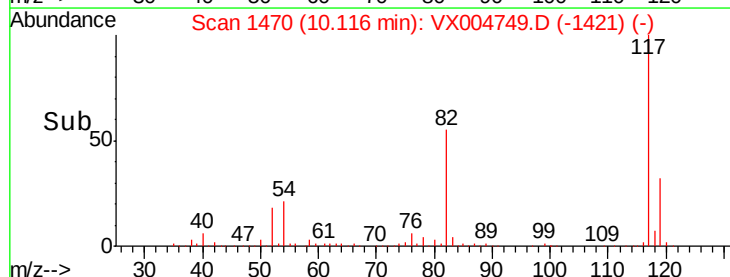
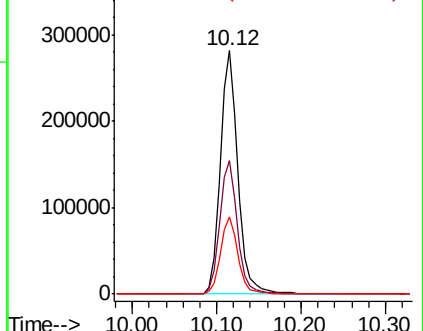
119 31.8 29.3 43.9

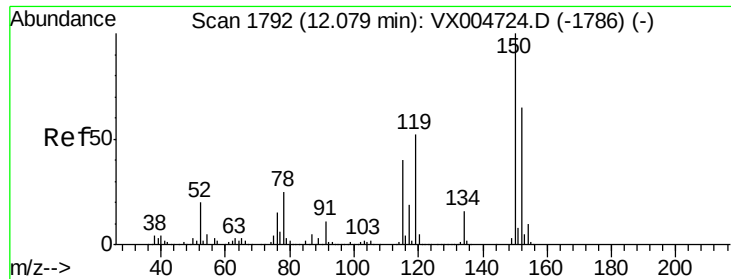


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004749.D

Acq: 27 Sep 2018 03:18

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-2-8.0-092018

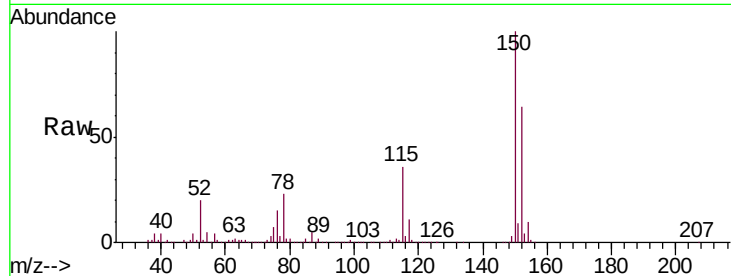
Tgt Ion:152 Resp: 231897

Ion Ratio Lower Upper

152 100

115 55.1 39.0 117.0

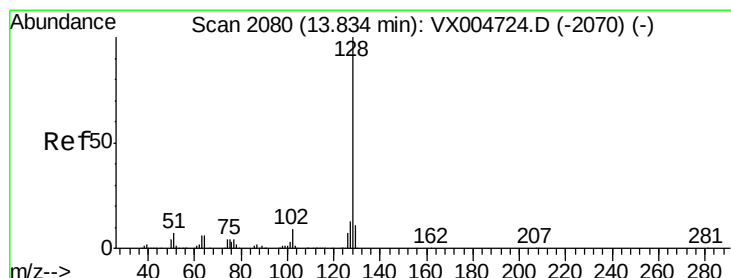
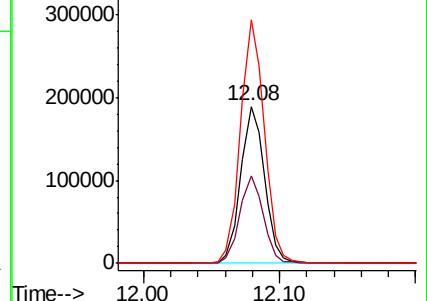
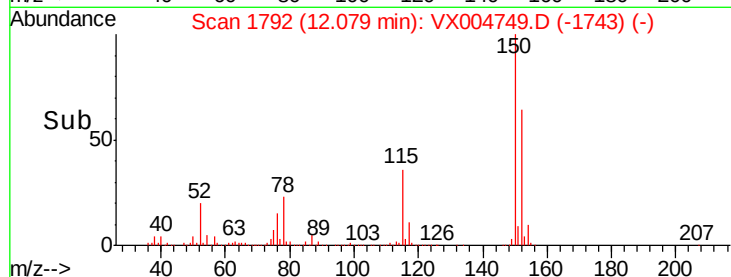
150 155.0 0.0 351.0



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



#95

Naphthalene

Concen: 1.136 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004749.D

Acq: 27 Sep 2018 03:18

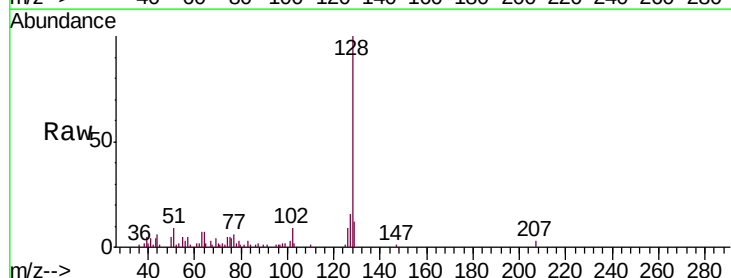
Tgt Ion:128 Resp: 8161

Ion Ratio Lower Upper

128 100

127 15.4 10.2 15.2#

129 11.9 8.6 12.8



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

