

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122218\
 Data File : VX006775.D
 Acq On : 22 Dec 2018 16:36
 Operator : JC/MD
 Sample : J6533-19 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-5

Quant Time: Dec 24 11:58:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

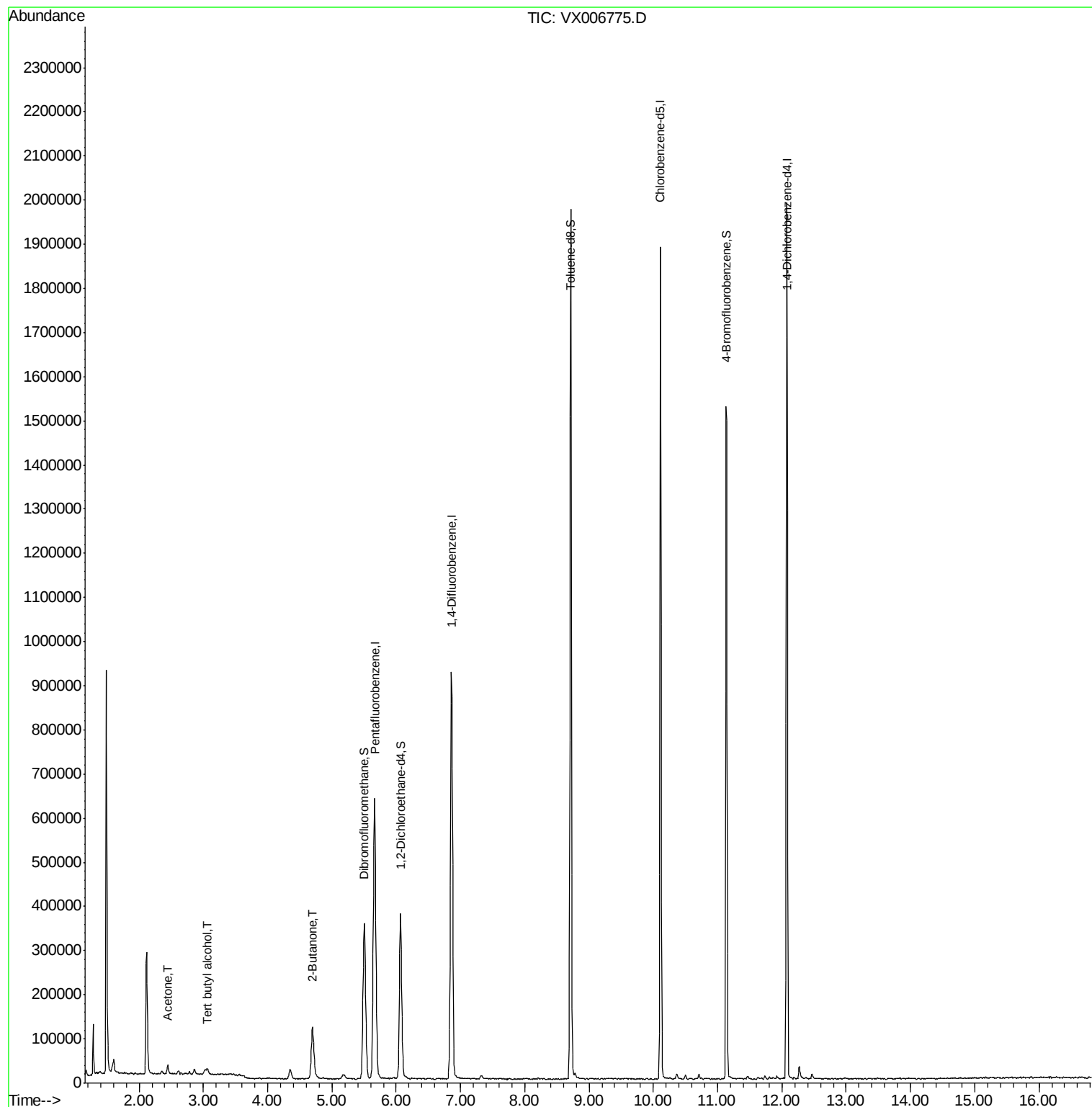
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	645613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1005954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	907931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	421515	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	344855	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	5.51	113	306464	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	8.71	98	1178498	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	413597	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	21703	13.976	ug/l	98
16) Acetone	2.45	43	20134	6.298	ug/l	94
25) 2-Butanone	4.70	43	211198	46.968	ug/l	98

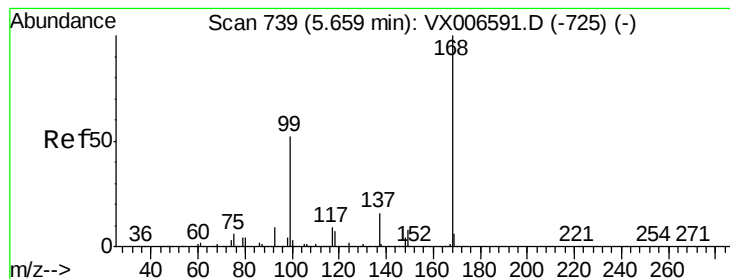
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006775.D

Acq: 22 Dec 2018 16:36

Instrument :

MSVOA_X

ClientSampleId :

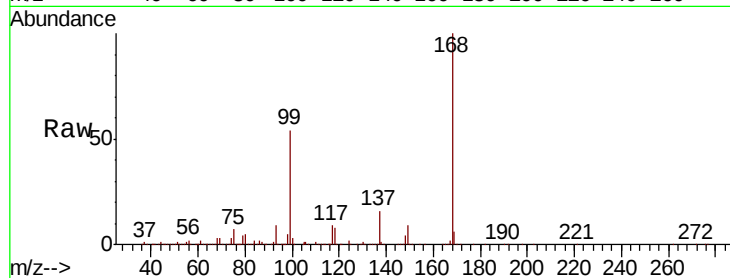
COMP-5

Tot Ion:168 Resp: 645613

Ion Ratio Lower Upper

168 100

99 53.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

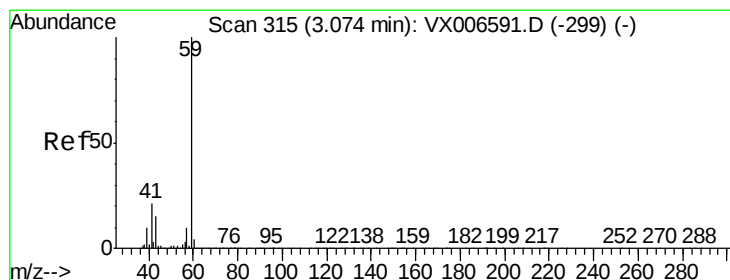
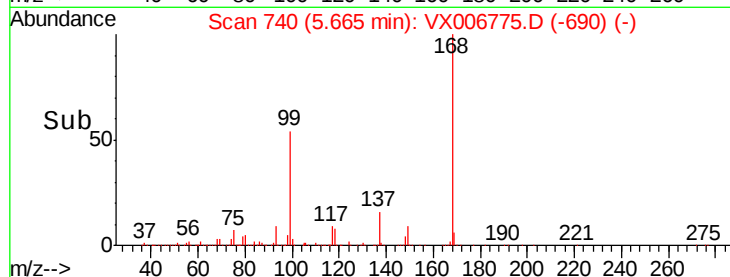
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 13.976 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX006775.D

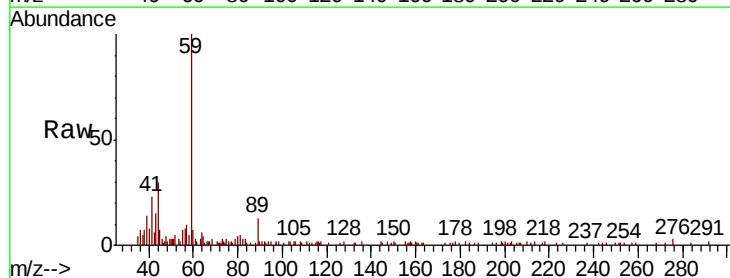
Acq: 22 Dec 2018 16:36

Tgt Ion: 59 Resp: 21703

Ion Ratio Lower Upper

59 100

57 11.2 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

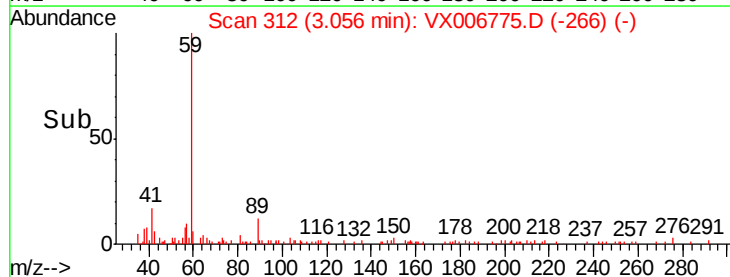
6000

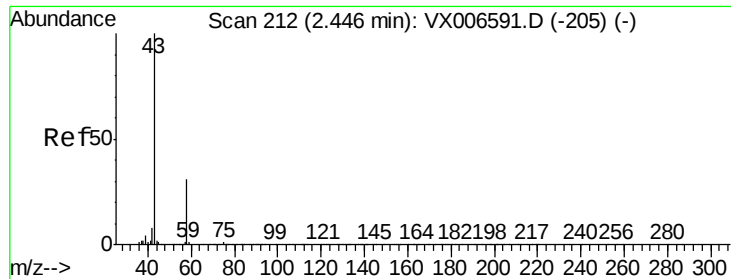
4000

2000

0

Time--> 2.90 3.00 3.10 3.20

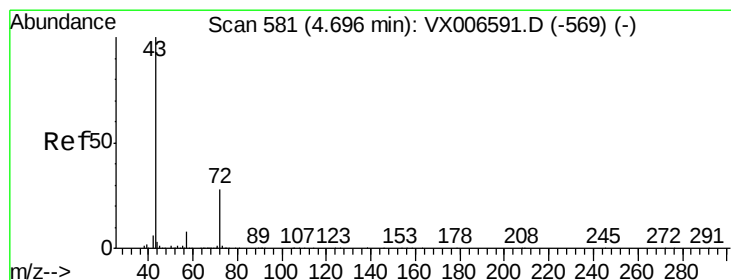
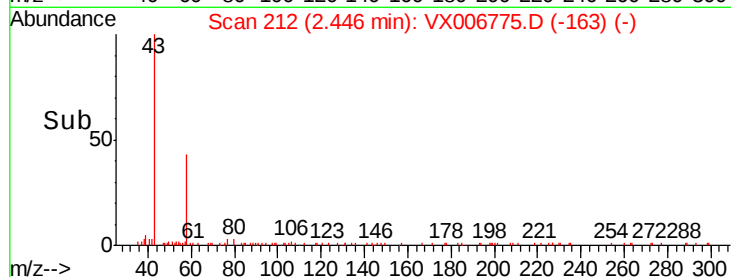
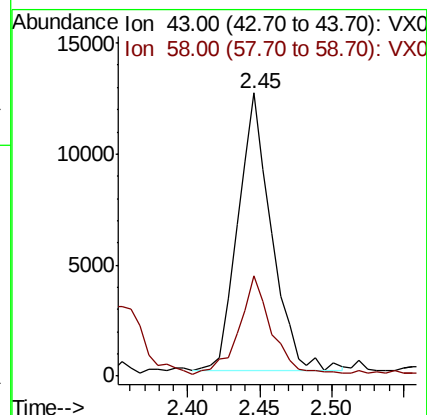
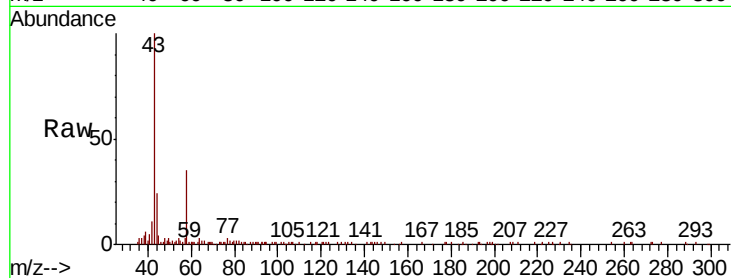




#16
Acetone
Concen: 6.298 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006775.D
Acq: 22 Dec 2018 16:36

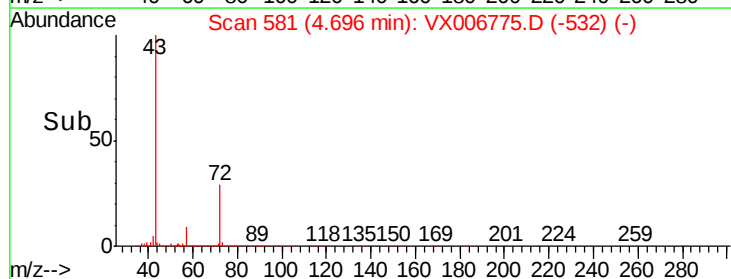
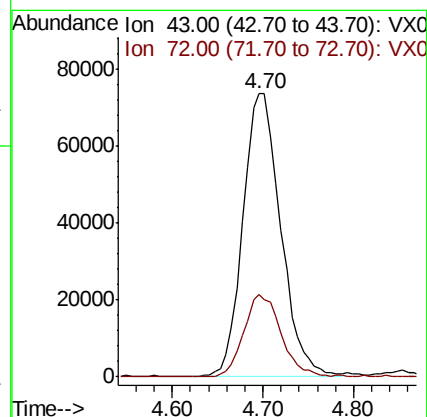
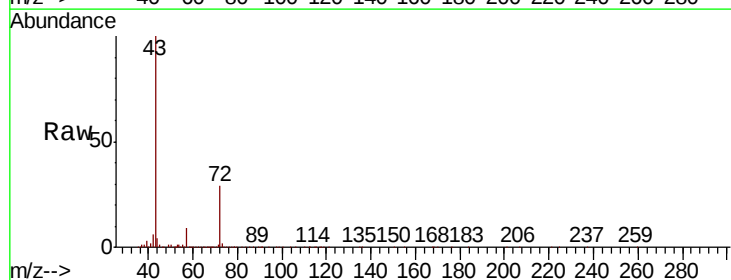
Instrument :
MSVOA_X
ClientSampled :
COMP-5

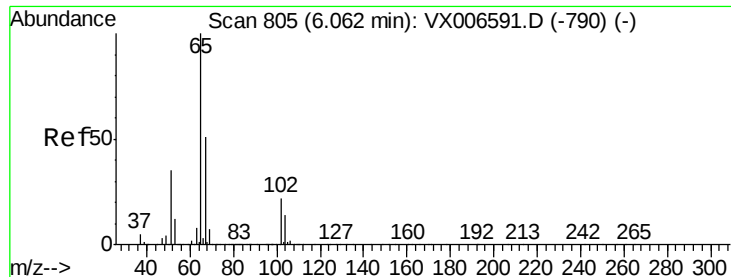
Tot Ion: 43 Resp: 20134
Ion Ratio Lower Upper
43 100
58 34.8 25.0 37.6



#25
2-Butanone
Concen: 46.968 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006775.D
Acq: 22 Dec 2018 16:36

Tgt Ion: 43 Resp: 211198
Ion Ratio Lower Upper
43 100
72 28.9 22.4 33.6





#33

1,2-Dichloroethane-d4

Concen: 49.561 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006775.D

Acq: 22 Dec 2018 16:36

Instrument :

MSVOA_X

ClientSampleId :

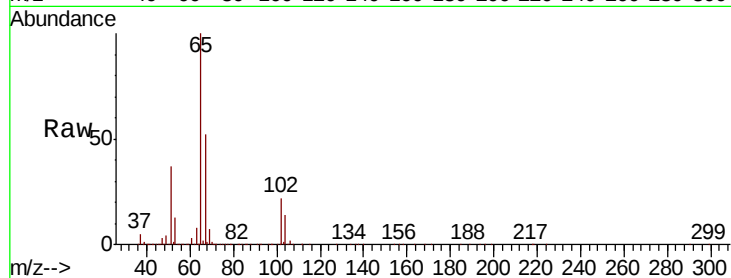
COMP-5

Tot Ion: 65 Resp: 344855

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

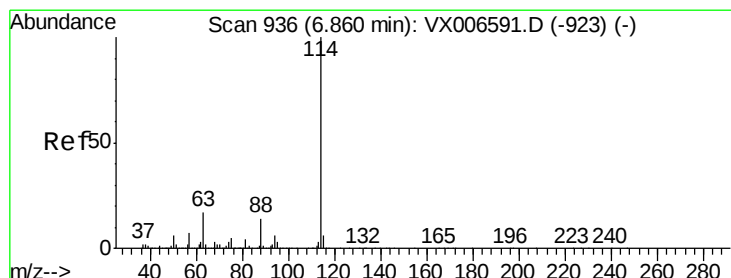
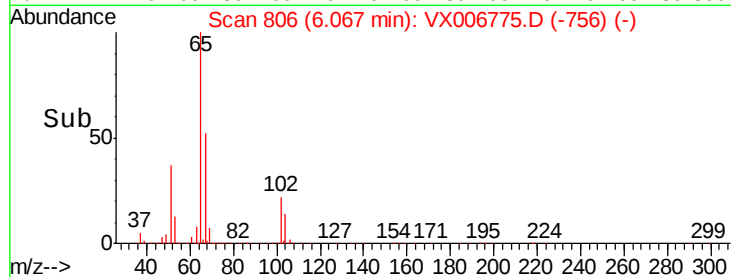
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006775.D

Acq: 22 Dec 2018 16:36

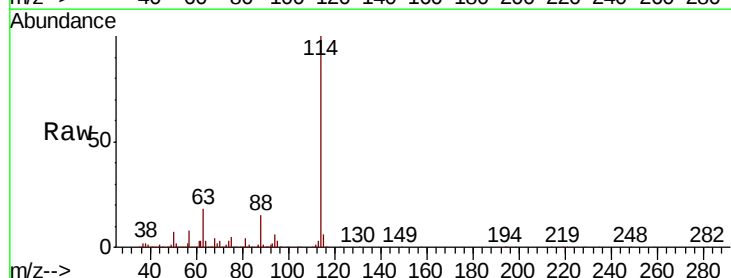
Tgt Ion: 114 Resp: 1005954

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

88 15.2 0.0 28.8



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

6.86

500000

400000

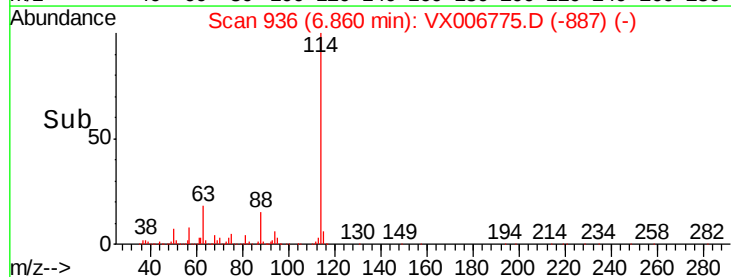
300000

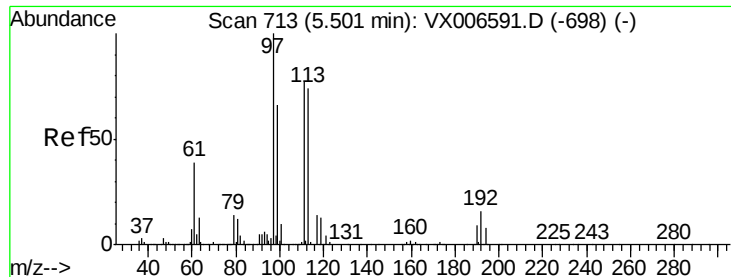
200000

100000

0

Time-->

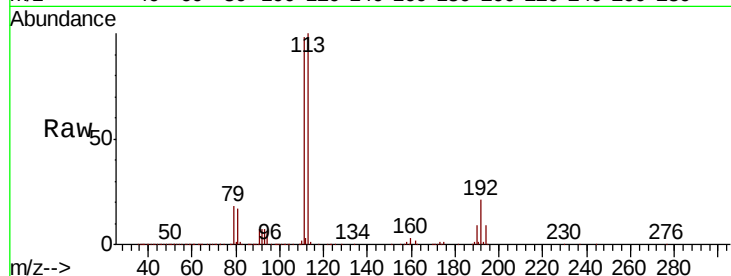




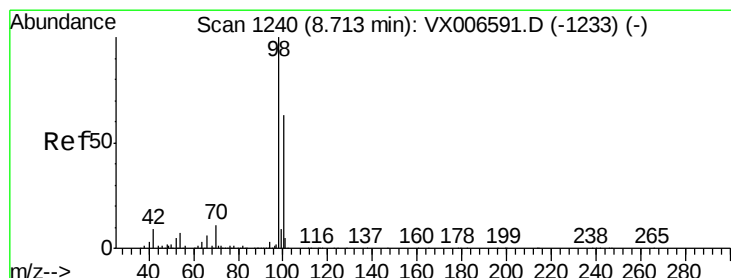
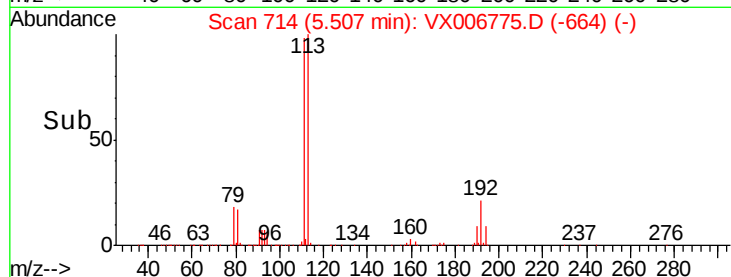
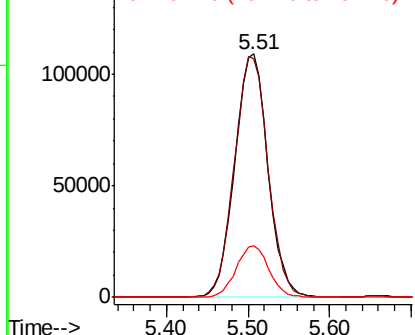
#35
 Dibromofluoromethane
 Concen: 48.175 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006775.D
 Acq: 22 Dec 2018 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-5

Tot Ion:113 Resp: 306464
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.6 122.4
 192 21.0 16.7 25.1

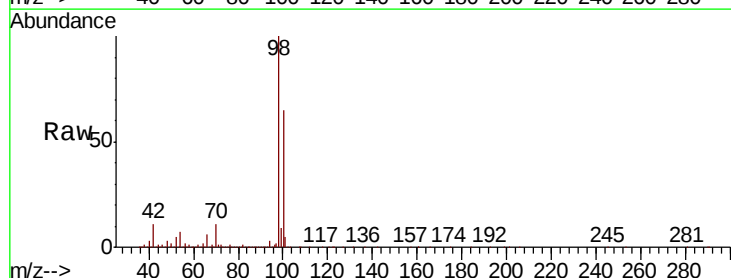


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

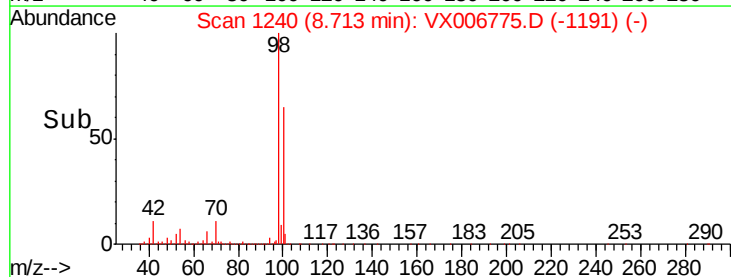
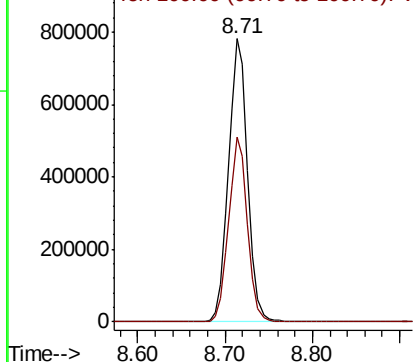


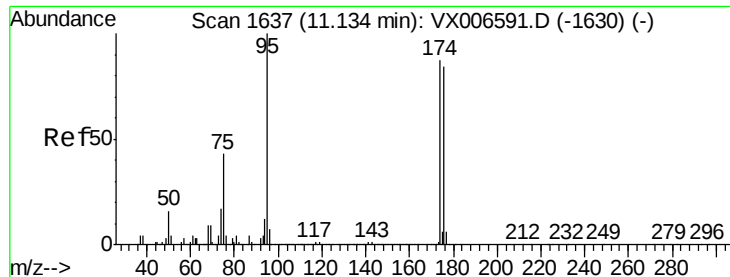
#50
 Toluene-d8
 Concen: 49.139 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX006775.D
 Acq: 22 Dec 2018 16:36

Tgt Ion: 98 Resp: 1178498
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.088 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006775.D

Acq: 22 Dec 2018 16:36

Instrument :

MSVOA_X

ClientSampleId :

COMP-5

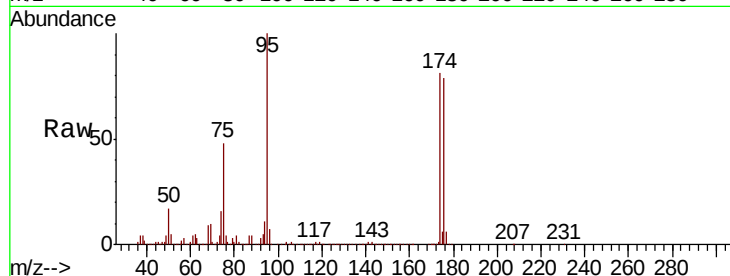
Tot Ion: 95 Resp: 413597

Ion Ratio Lower Upper

95 100

174 87.1 0.0 182.2

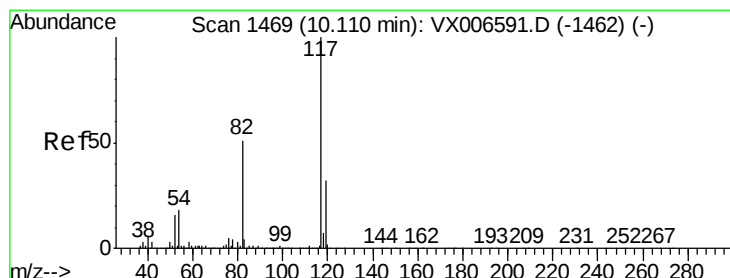
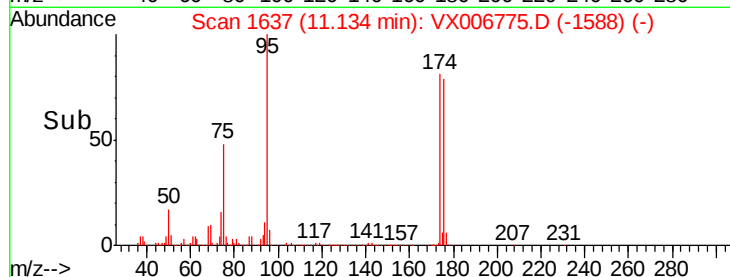
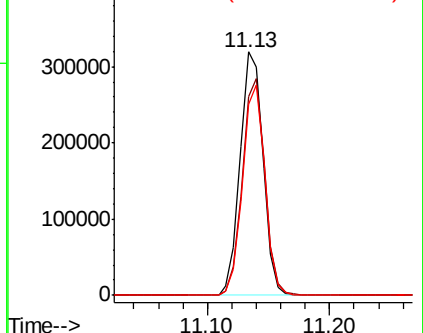
176 84.3 0.0 178.8



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX006775.D

Acq: 22 Dec 2018 16:36

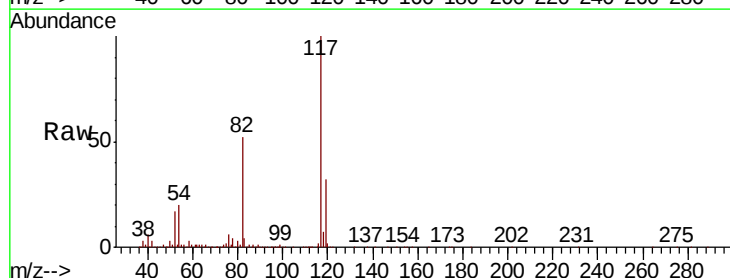
Tgt Ion: 117 Resp: 907931

Ion Ratio Lower Upper

117 100

82 51.9 41.0 61.6

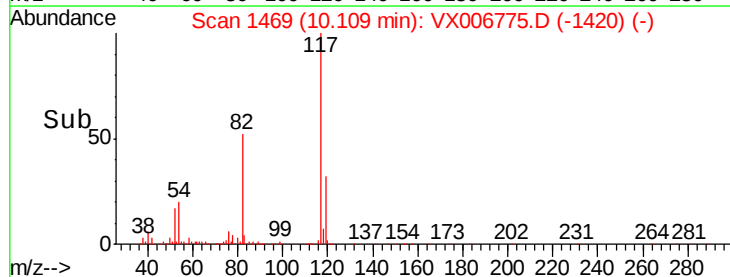
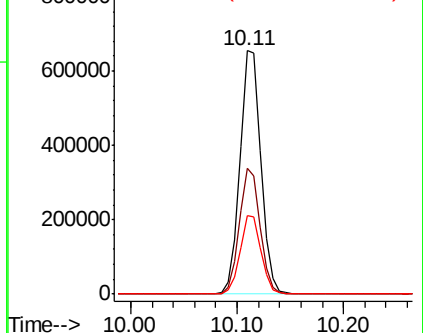
119 32.3 25.4 38.0

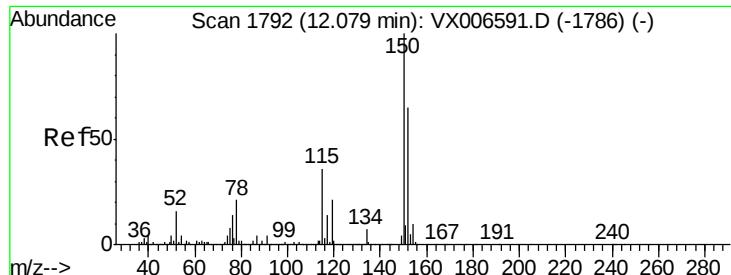


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX006775.D

Acq: 22 Dec 2018 16:36

Instrument :

MSVOA_X

ClientSampleId :

COMP-5

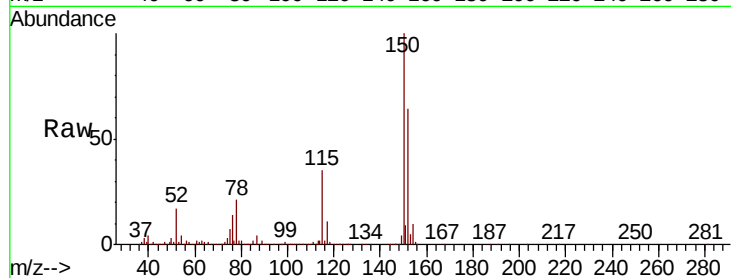
Tot Ion:152 Resp: 421515

Ion Ratio Lower Upper

152 100

115 55.8 39.1 117.2

150 156.7 0.0 344.8



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

