

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122218\
 Data File : VX006773.D
 Acq On : 22 Dec 2018 15:43
 Operator : JC/MD
 Sample : J6533-13 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

Quant Time: Dec 24 05:07:24 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

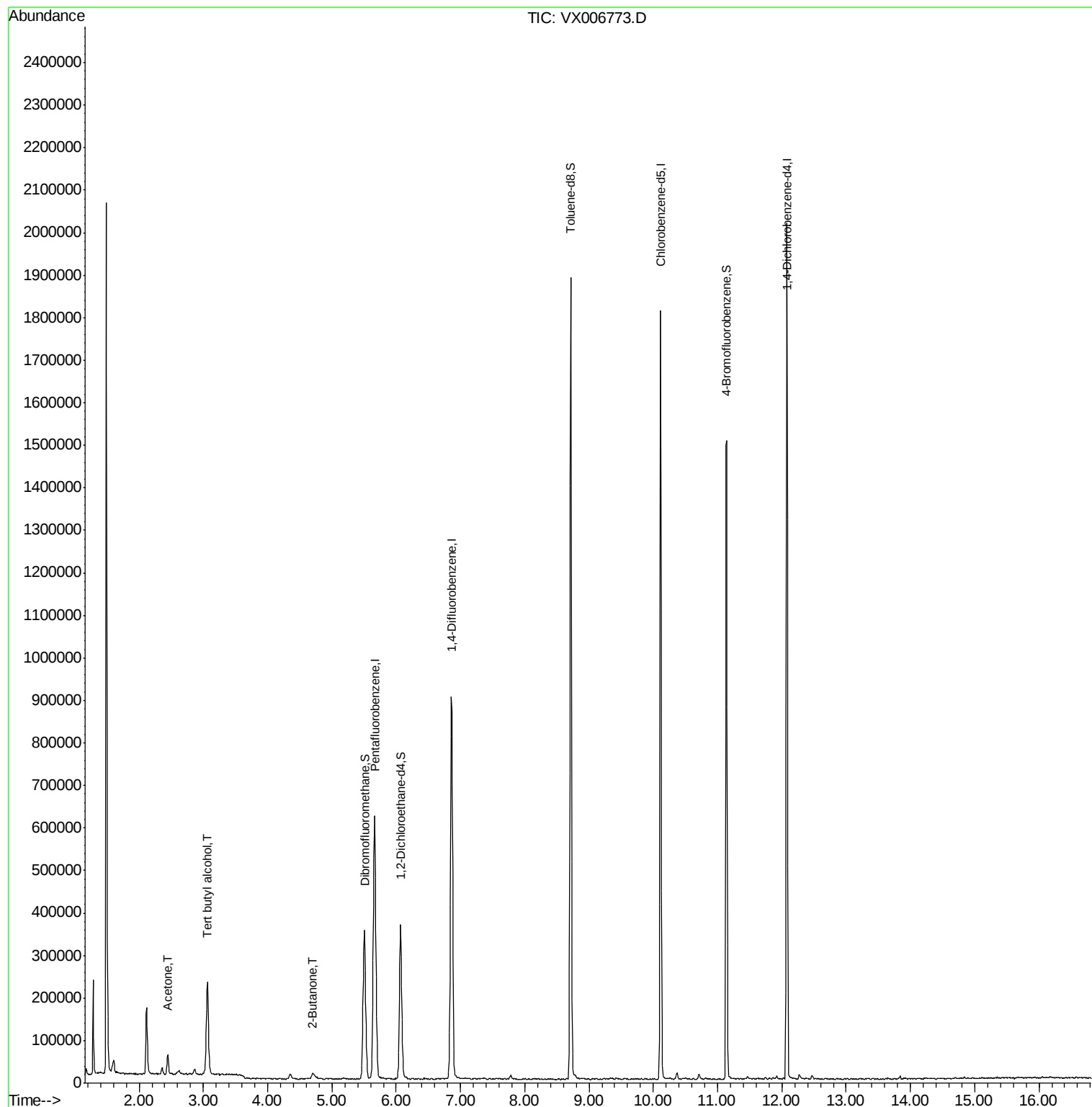
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	641532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	975979	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	889735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	424170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	331842	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
35) Dibromofluoromethane	5.51	113	294418	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
50) Toluene-d8	8.71	98	1143703	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.13	95	404873	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	276452	179.159	ug/l	100
16) Acetone	2.45	43	50832	16.002	ug/l	97
25) 2-Butanone	4.70	43	25667	5.744	ug/l	100

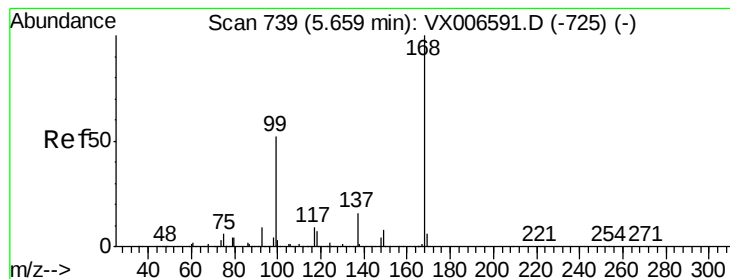
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006773.D

Acq: 22 Dec 2018 15:43

Instrument :

MSVOA_X

ClientSampled :

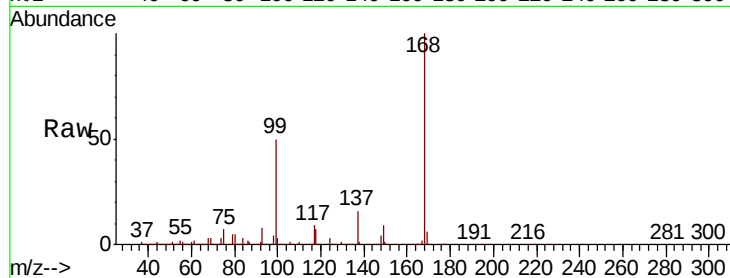
COMP-3

Tot Ion:168 Resp: 641532

Ion Ratio Lower Upper

168 100

99 50.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

150000

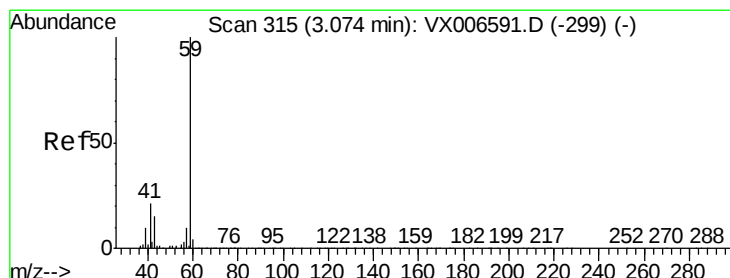
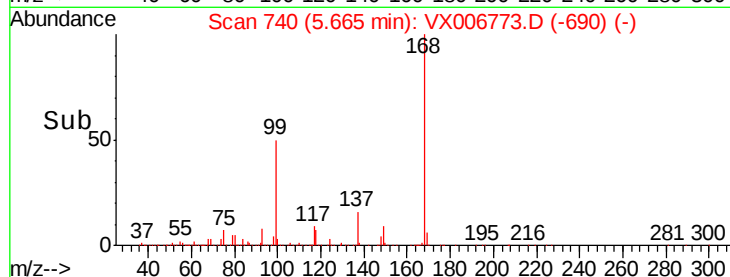
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 179.159 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006773.D

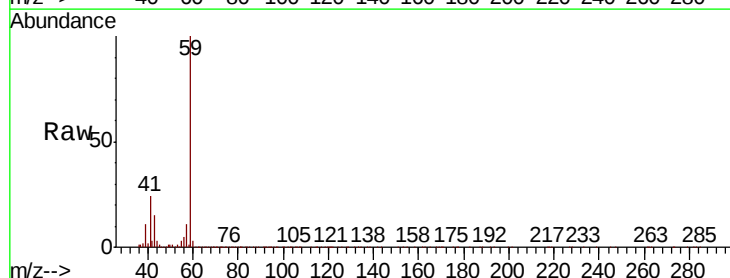
Acq: 22 Dec 2018 15:43

Tgt Ion: 59 Resp: 276452

Ion Ratio Lower Upper

59 100

57 10.5 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

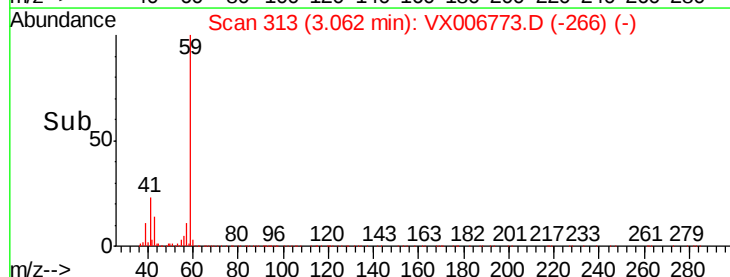
100000

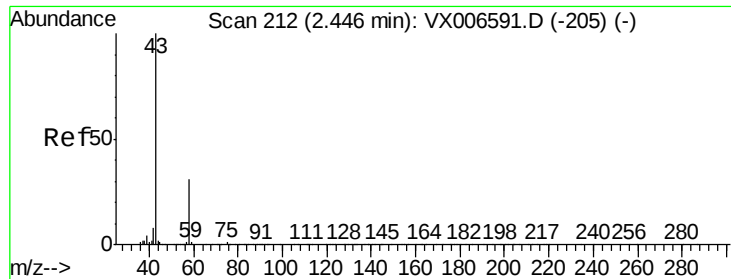
50000

0

Time-->

2.90 3.00 3.10 3.20

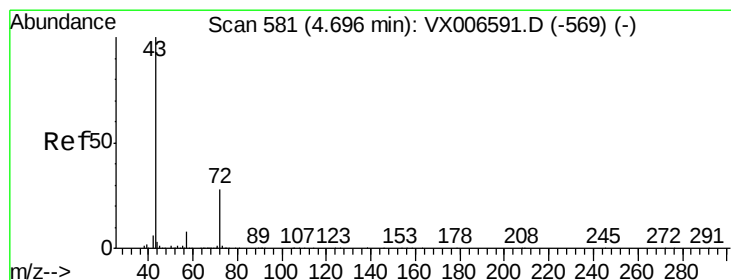
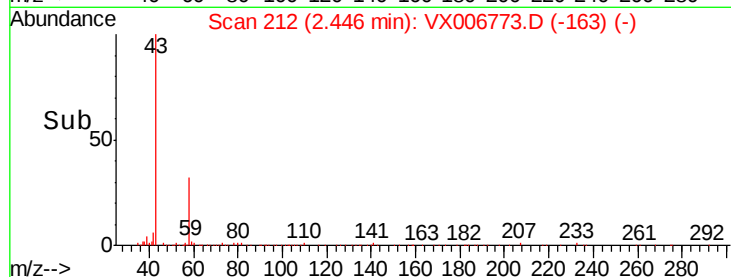
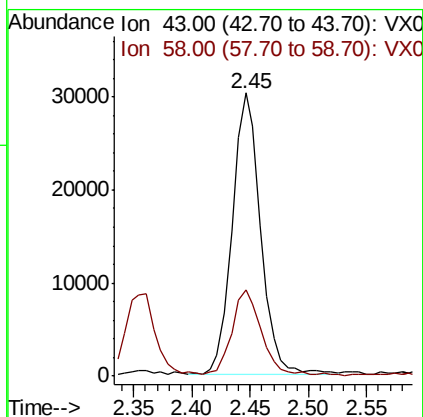
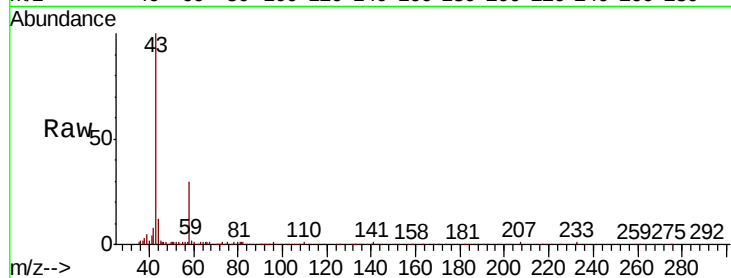




#16
Acetone
Concen: 16.002 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006773.D
Acq: 22 Dec 2018 15:43

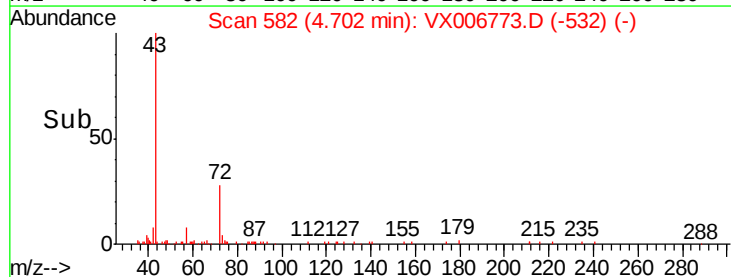
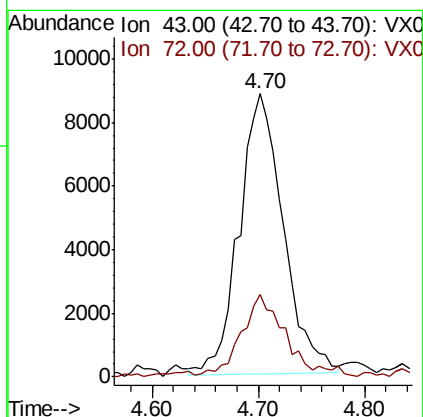
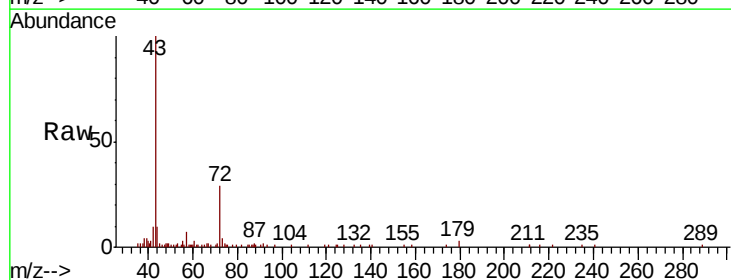
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

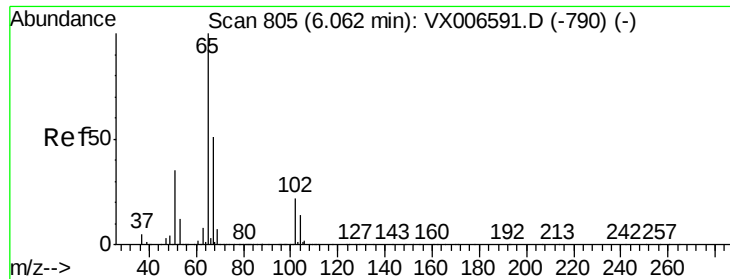
Tot Ion: 43 Resp: 50832
Ion Ratio Lower Upper
43 100
58 29.8 25.0 37.6



#25
2-Butanone
Concen: 5.744 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX006773.D
Acq: 22 Dec 2018 15:43

Tgt Ion: 43 Resp: 25667
Ion Ratio Lower Upper
43 100
72 27.9 22.4 33.6





#33

1,2-Dichloroethane-d4

Concen: 47.995 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006773.D

Acq: 22 Dec 2018 15:43

Instrument :

MSVOA_X

ClientSampleId :

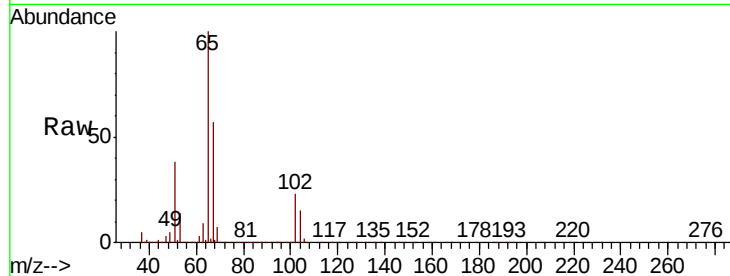
COMP-3

Tot Ion: 65 Resp: 331842

Ion Ratio Lower Upper

65 100

67 54.4 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

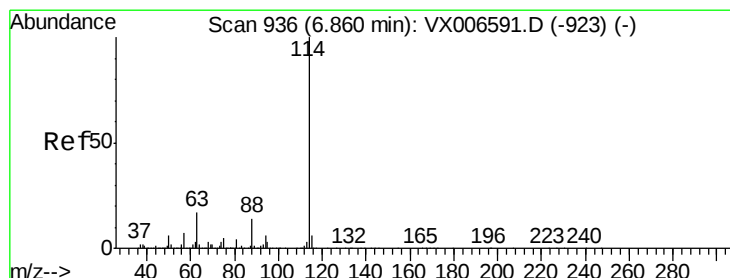
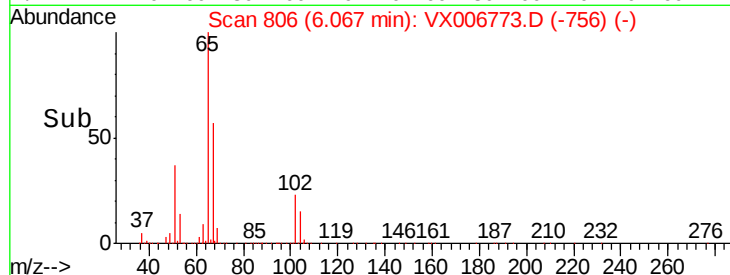
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006773.D

Acq: 22 Dec 2018 15:43

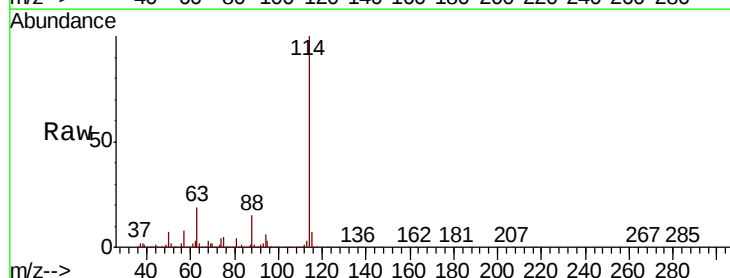
Tgt Ion: 114 Resp: 975979

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

88 15.1 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

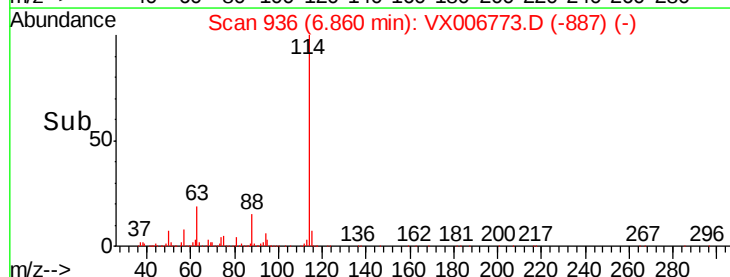
300000

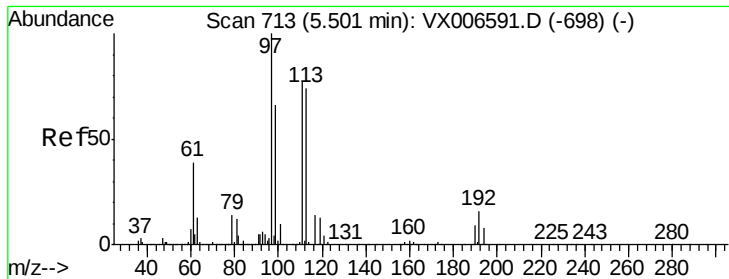
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.703 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006773.D

Acq: 22 Dec 2018 15:43

Instrument :

MSVOA_X

ClientSampleId :

COMP-3

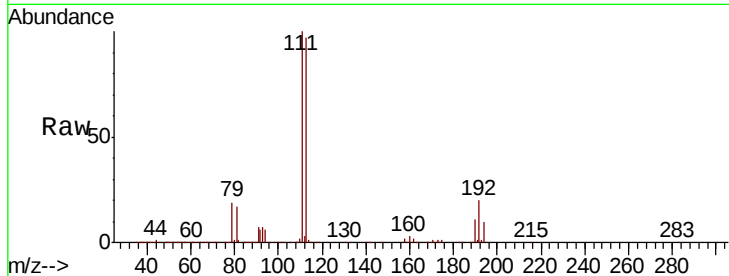
Tot Ion:113 Resp: 294418

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

192 21.1 16.7 25.1

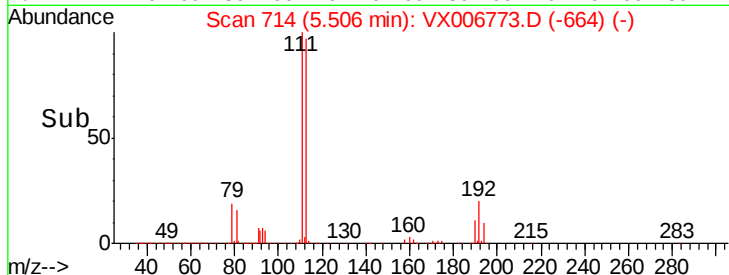


Abundance Ion 112.80 (112.50 to 113.50): V

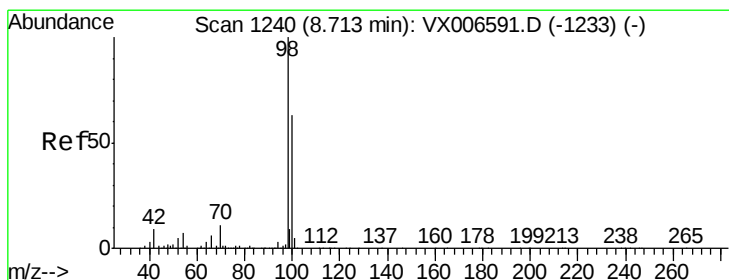
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.51



Time-->



#50

Toluene-d8

Concen: 49.153 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006773.D

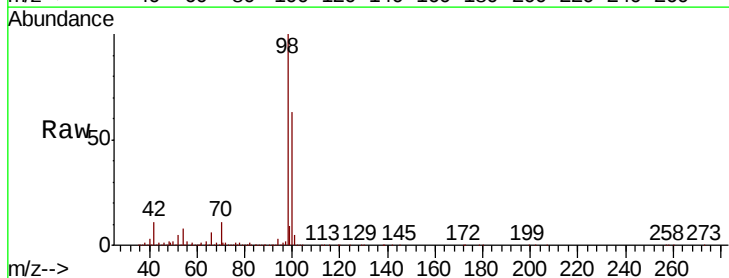
Acq: 22 Dec 2018 15:43

Tgt Ion: 98 Resp: 1143703

Ion Ratio Lower Upper

98 100

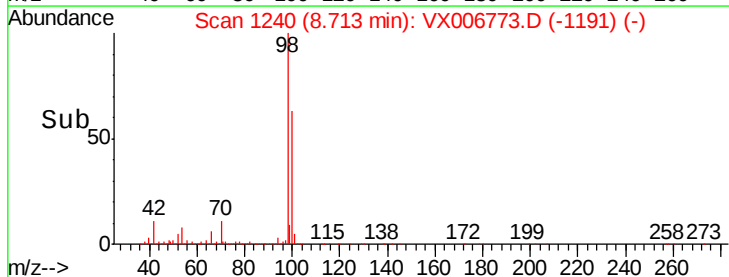
100 64.2 52.0 78.0



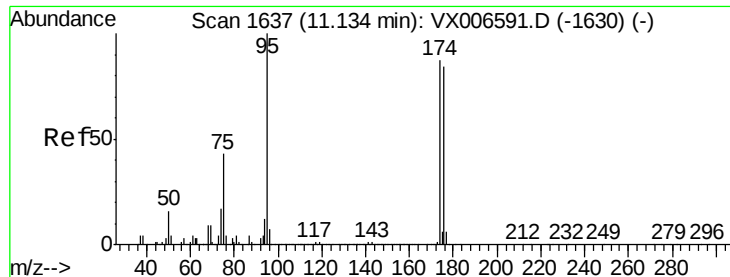
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71



Time-->



#62

4-Bromofluorobenzene

Concen: 47.510 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006773.D

Acq: 22 Dec 2018 15:43

Instrument :

MSVOA_X

ClientSampleId :

COMP-3

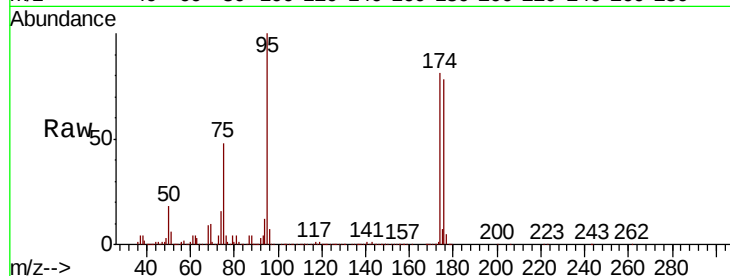
Tot Ion: 95 Resp: 404873

Ion Ratio Lower Upper

95 100

174 89.7 0.0 182.2

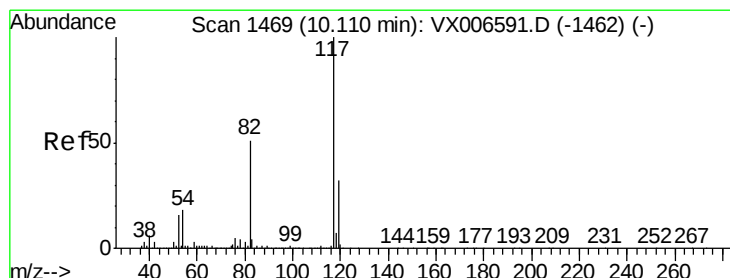
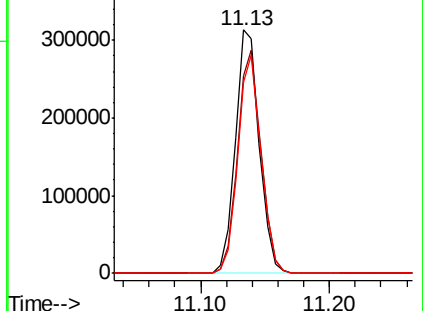
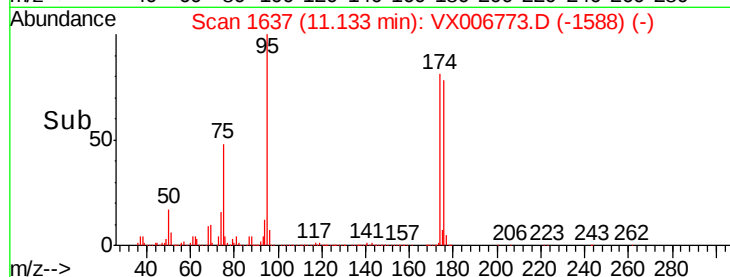
176 86.9 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006773.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006773.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006773.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006773.D

Acq: 22 Dec 2018 15:43

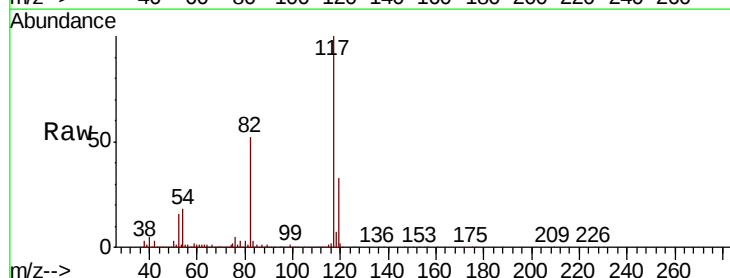
Tgt Ion: 117 Resp: 889735

Ion Ratio Lower Upper

117 100

82 51.5 41.0 61.6

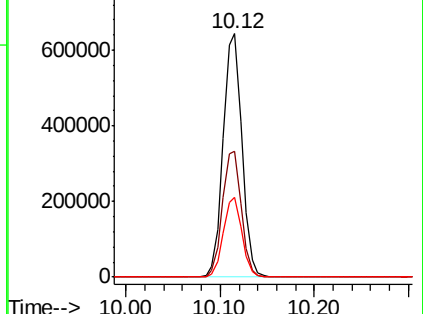
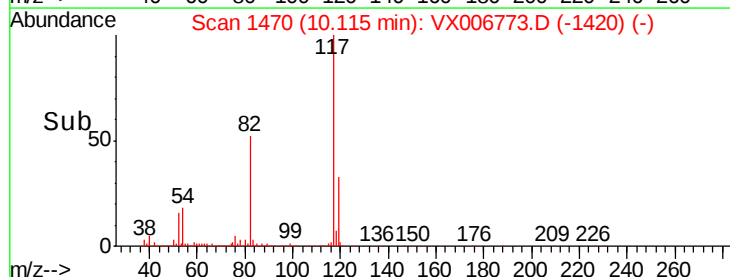
119 33.0 25.4 38.0

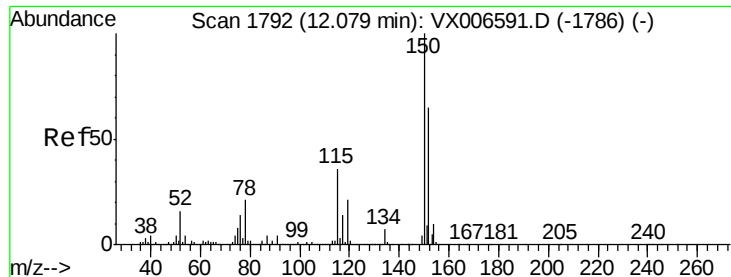


Abundance Ion 116.90 (116.60 to 117.60): VX006773.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX006773.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX006773.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006773.D

Acq: 22 Dec 2018 15:43

Instrument :

MSVOA_X

ClientSampleId :

COMP-3

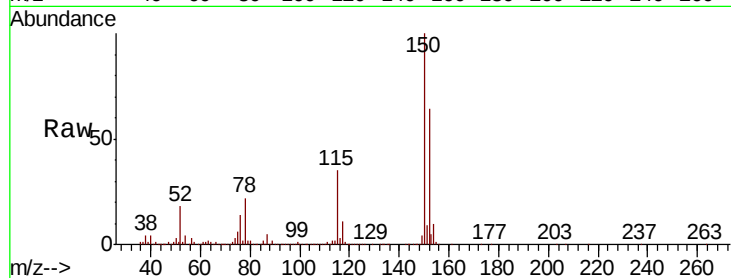
Tot Ion:152 Resp: 424170

Ion Ratio Lower Upper

152 100

115 55.8 39.1 117.2

150 157.5 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

