

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011709.D
 Acq On : 21 Aug 2019 01:35
 Operator : JC/SP
 Sample : K4387-33
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-A4-(0)

Quant Time: Aug 21 05:39:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

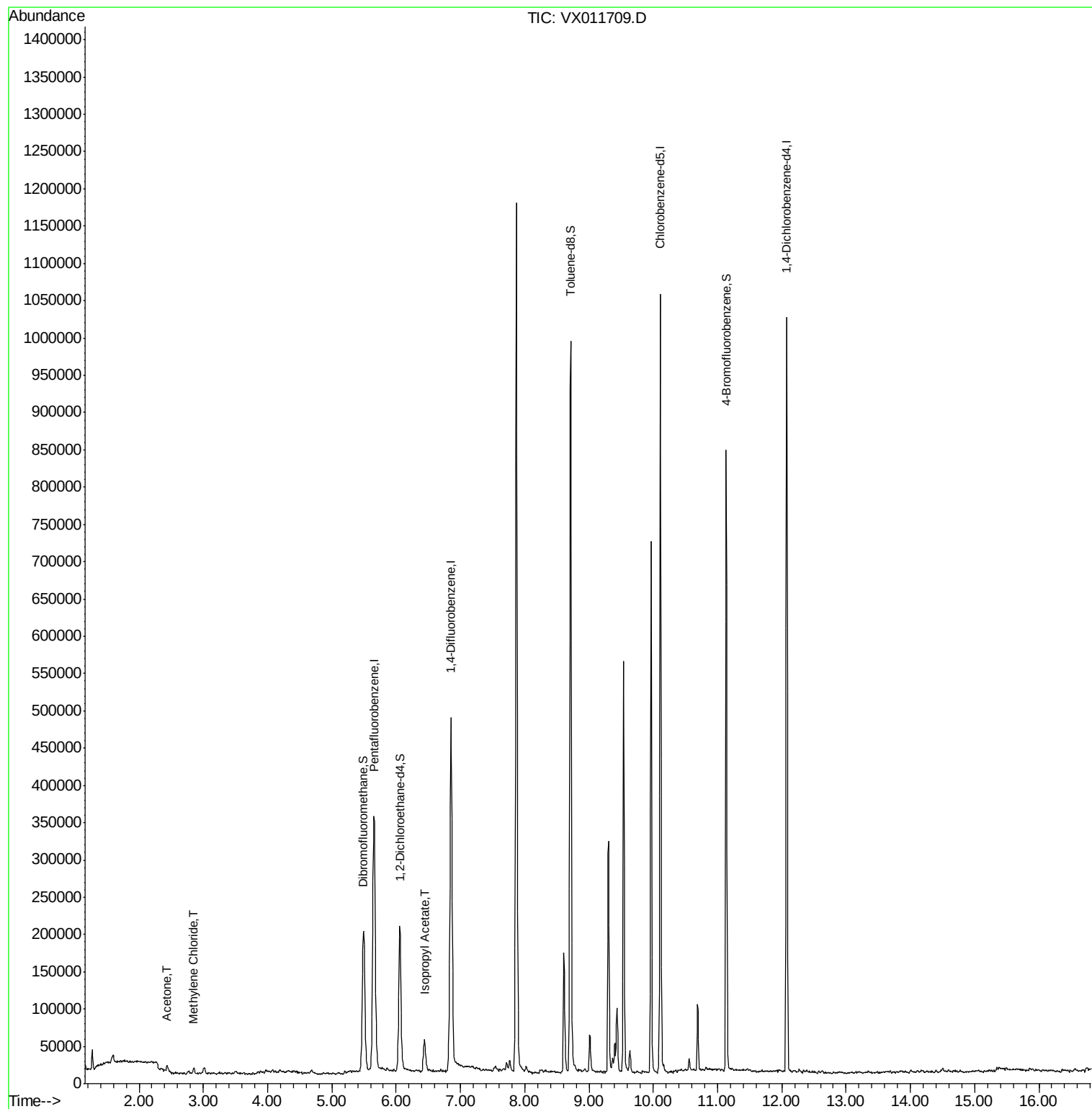
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	358139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	491173	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	486874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	191743	57.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.46%	
35) Dibromofluoromethane	5.49	113	158834	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	8.71	98	612315	61.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.34%	
62) 4-Bromofluorobenzene	11.13	95	201846	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
Target Compounds						
16) Acetone	2.43	43	8722	5.223	ug/l	92
20) Methylene Chloride	2.85	84	4352	1.241	ug/l #	83
43) Isopropyl Acetate	6.44	43	60160	7.981	ug/l	98

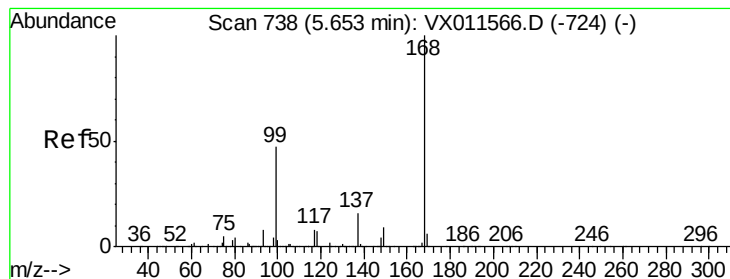
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011709.D

Acq: 21 Aug 2019 01:35

Instrument :

MSVOA_X

ClientSampleId :

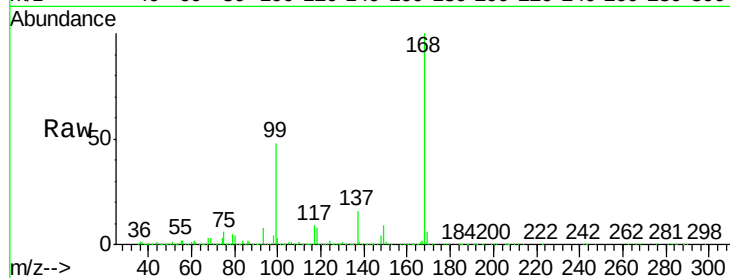
T4-A4-(0)

Tot Ion:168 Resp: 358139

Ion Ratio Lower Upper

168 100

99 47.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

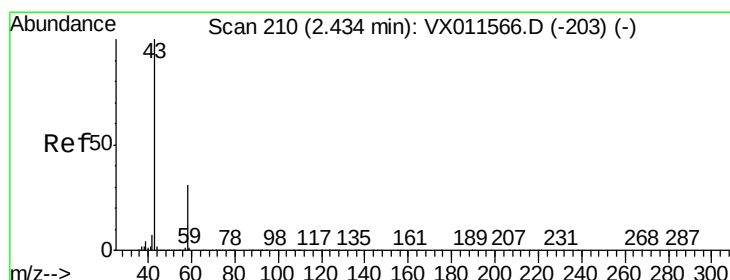
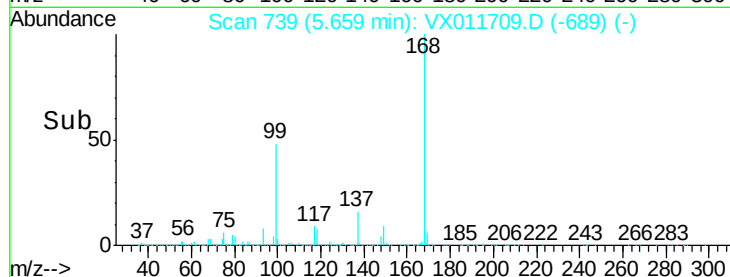
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.223 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011709.D

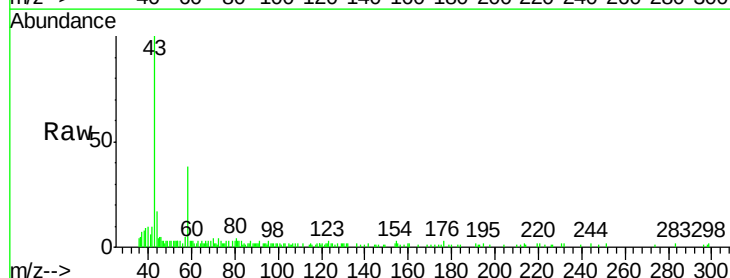
Acq: 21 Aug 2019 01:35

Tgt Ion: 43 Resp: 8722

Ion Ratio Lower Upper

43 100

58 35.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

5000

4000

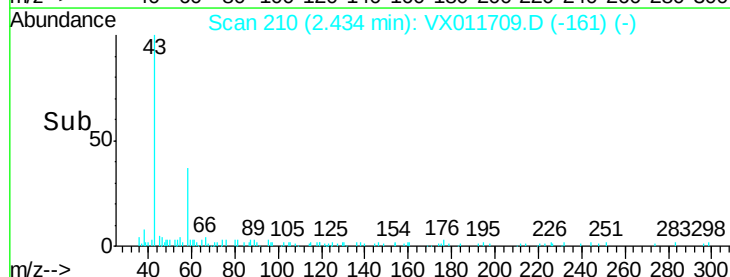
3000

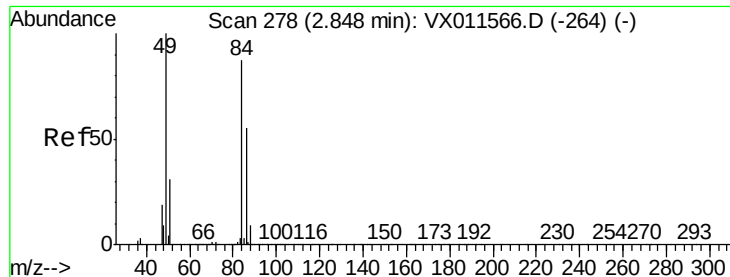
2000

1000

0

Time-->

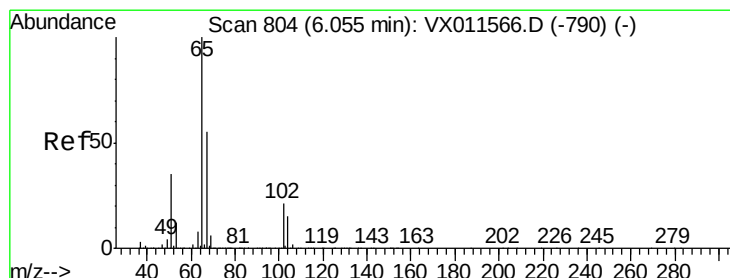
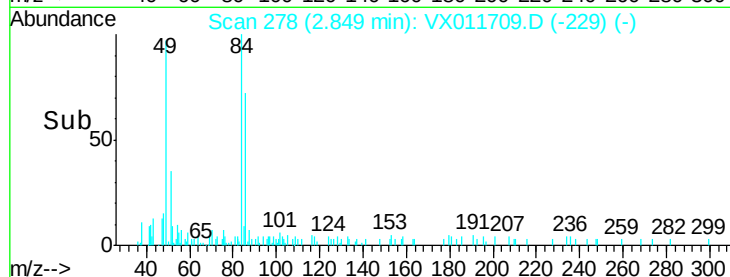
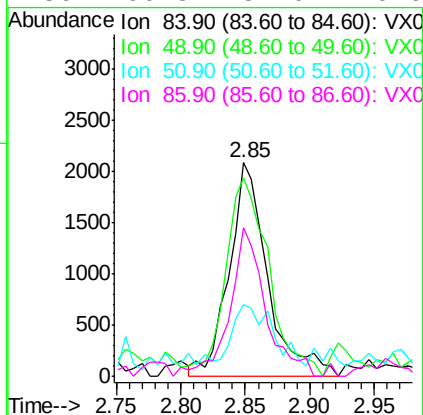
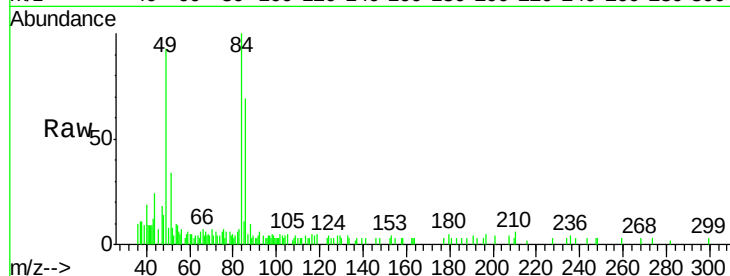




#20
Methylene Chloride
Concen: 1.241 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011709.D
Acq: 21 Aug 2019 01:35

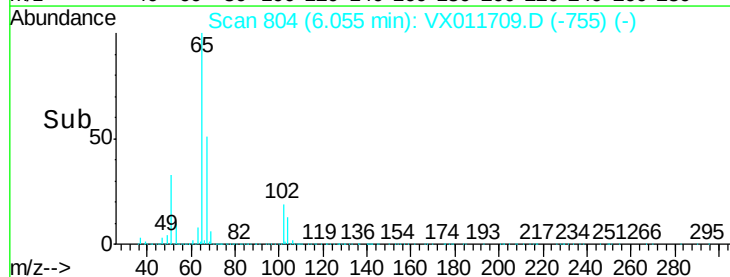
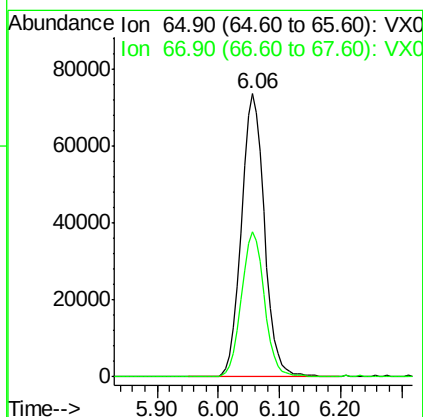
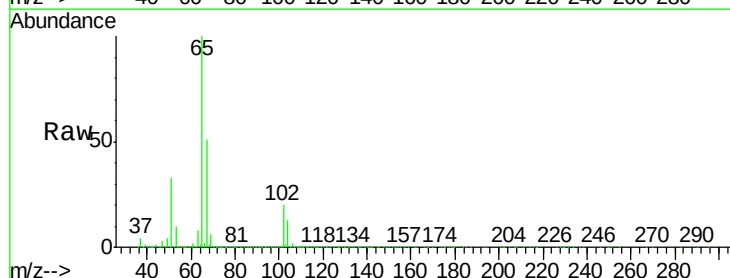
Instrument :
MSVOA_X
ClientSampleId :
T4-A4-(0)

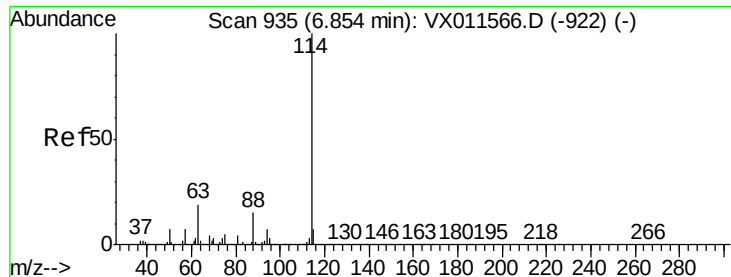
Tot Ion: 84 Resp: 4352
Ion Ratio Lower Upper
84 100
49 87.8 92.4 138.6#
51 26.6 28.5 42.7#
86 66.3 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 57.732 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011709.D
Acq: 21 Aug 2019 01:35

Tgt Ion: 65 Resp: 191743
Ion Ratio Lower Upper
65 100
67 50.4 0.0 107.6

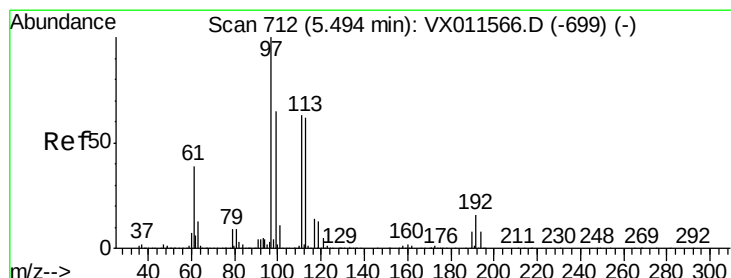
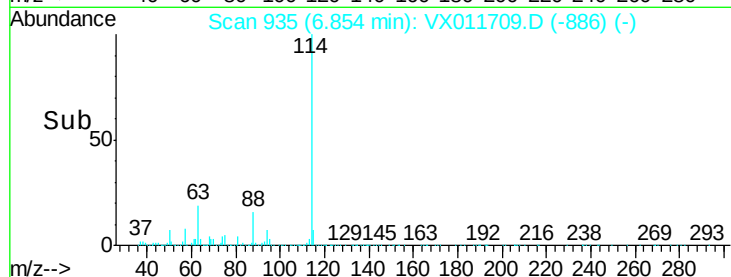
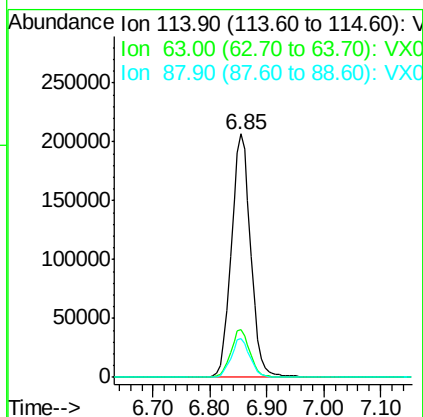
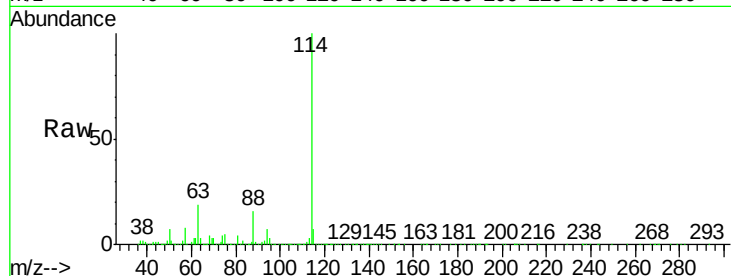




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011709.D
 Acq: 21 Aug 2019 01:35

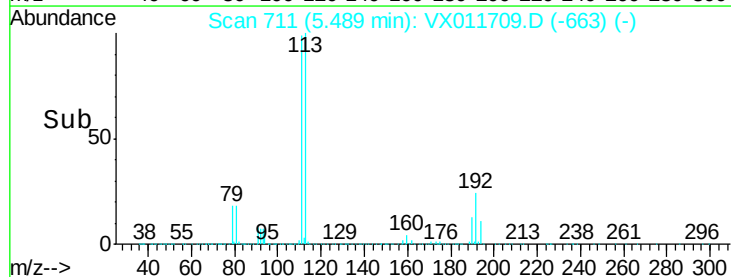
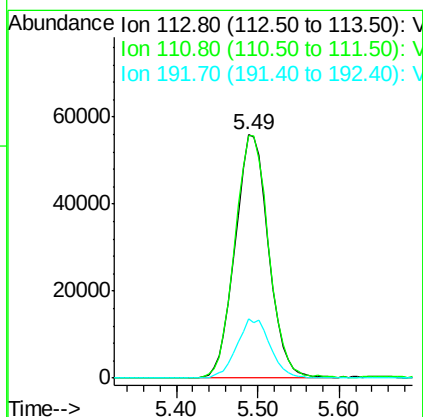
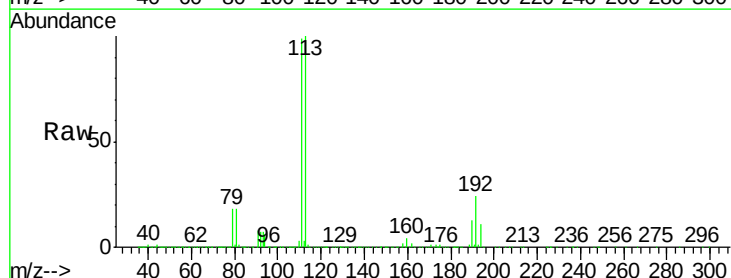
Instrument :
 MSVOA_X
 ClientSampled :
 T4-A4-(0)

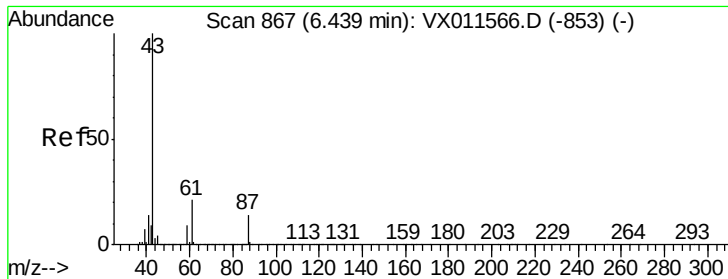
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.8
88	15.9	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 49.441 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011709.D
 Acq: 21 Aug 2019 01:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.1	121.7
192	24.2	20.8	31.2





#43

Isopropyl Acetate

Concen: 7.981 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011709.D

Acq: 21 Aug 2019 01:35

Instrument :

MSVOA_X

ClientSampleId :

T4-A4-(0)

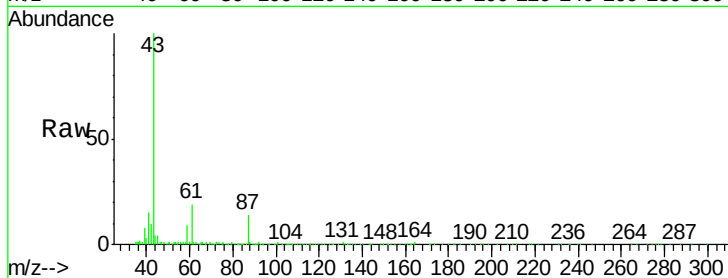
Tot Ion: 43 Resp: 60160

Ion Ratio Lower Upper

43 100

61 19.8 16.6 24.8

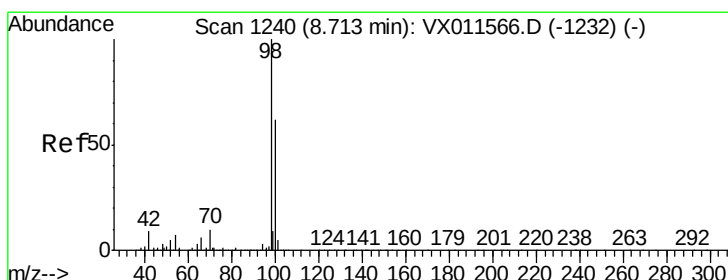
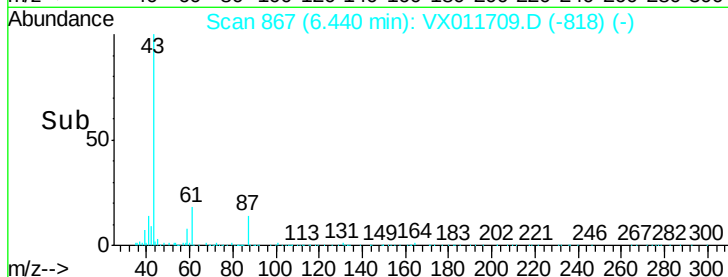
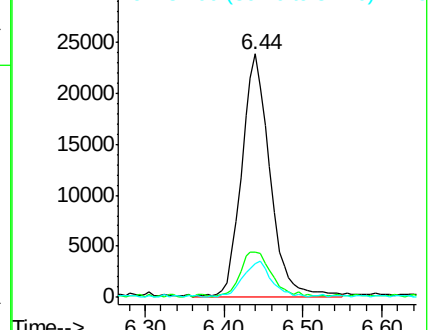
87 15.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 61.170 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011709.D

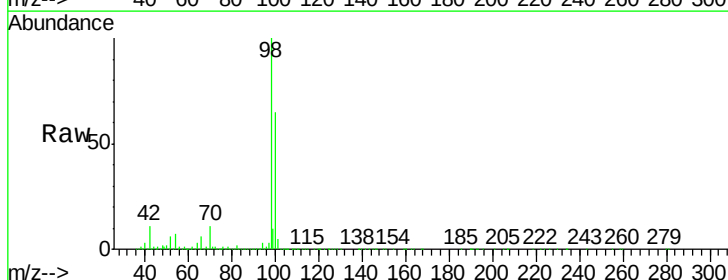
Acq: 21 Aug 2019 01:35

Tgt Ion: 98 Resp: 612315

Ion Ratio Lower Upper

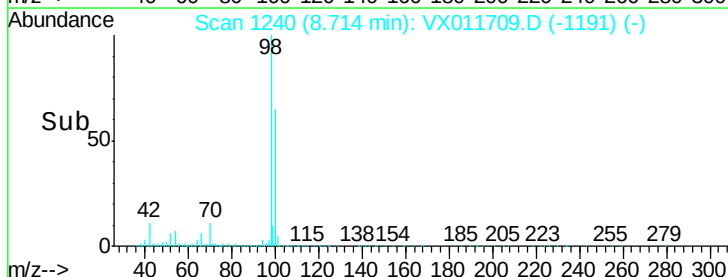
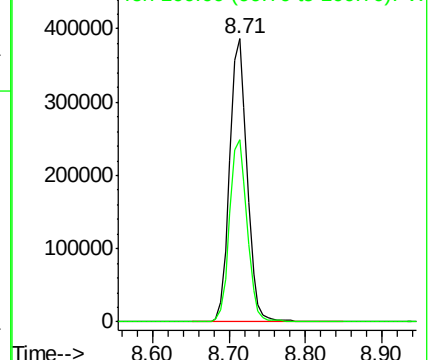
98 100

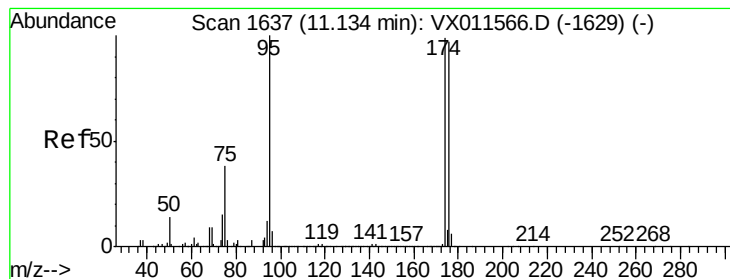
100 64.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.774 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011709.D

Acq: 21 Aug 2019 01:35

Instrument :

MSVOA_X

ClientSampled :

T4-A4-(0)

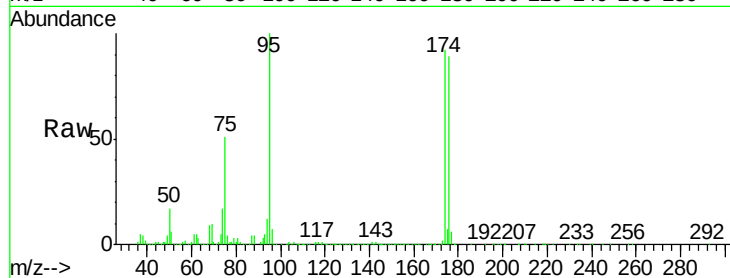
Tot Ion: 95 Resp: 201846

Ion Ratio Lower Upper

95 100

174 94.1 0.0 200.6

176 90.9 0.0 196.6

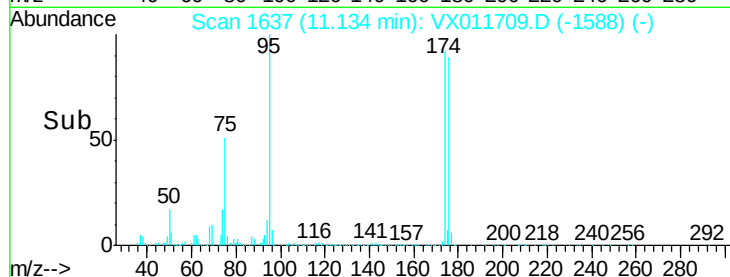


Abundance Ion 94.90 (94.60 to 95.60): VX011709.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011709.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011709.D (-1588) (-)

Time-->

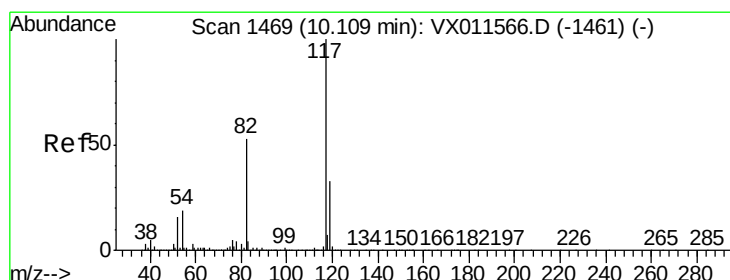


Abundance Ion 94.90 (94.60 to 95.60): VX011709.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011709.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011709.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011709.D

Acq: 21 Aug 2019 01:35

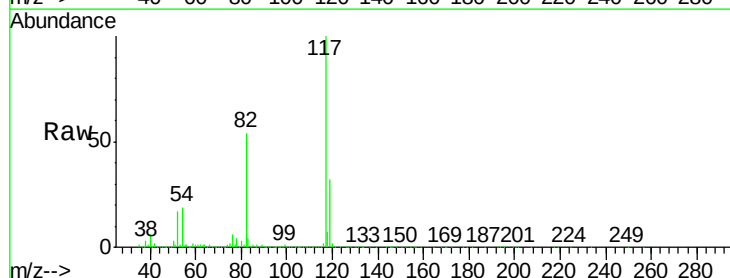
Tgt Ion: 117 Resp: 486874

Ion Ratio Lower Upper

117 100

82 53.6 42.0 63.0

119 32.2 26.5 39.7

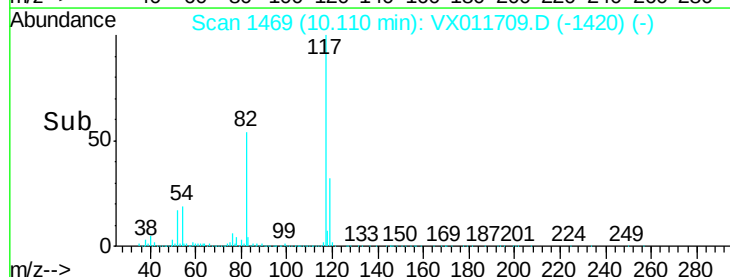


Abundance Ion 116.90 (116.60 to 117.60): VX011709.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011709.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011709.D (-1420) (-)

Time-->

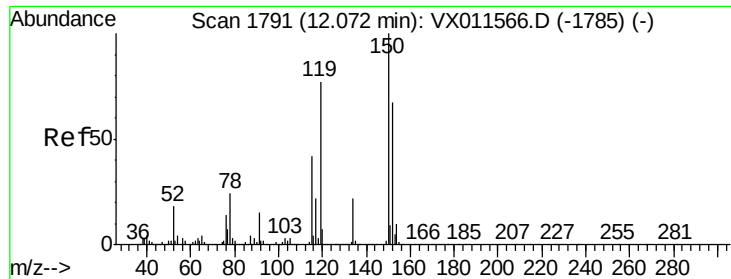


Abundance Ion 116.90 (116.60 to 117.60): VX011709.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011709.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011709.D (-1420) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011709.D

Acq: 21 Aug 2019 01:35

Instrument :

MSVOA_X

ClientSampleId :

T4-A4-(0)

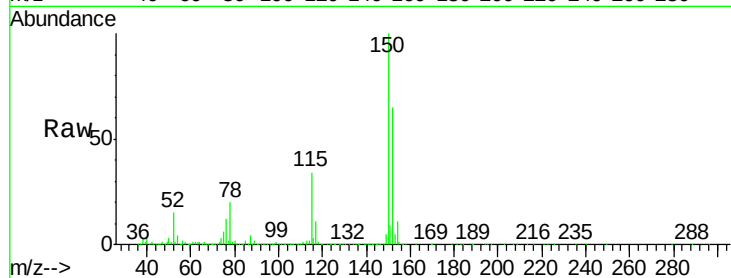
Tot Ion:152 Resp: 230638

Ion Ratio Lower Upper

152 100

115 54.1 37.3 111.9

150 155.7 0.0 346.2



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

