

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110218\
 Data File : VX005751.D
 Acq On : 02 Nov 2018 12:54
 Operator : JC/MD
 Sample : PB114401ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114401ZHE#02

Quant Time: Nov 03 01:11:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

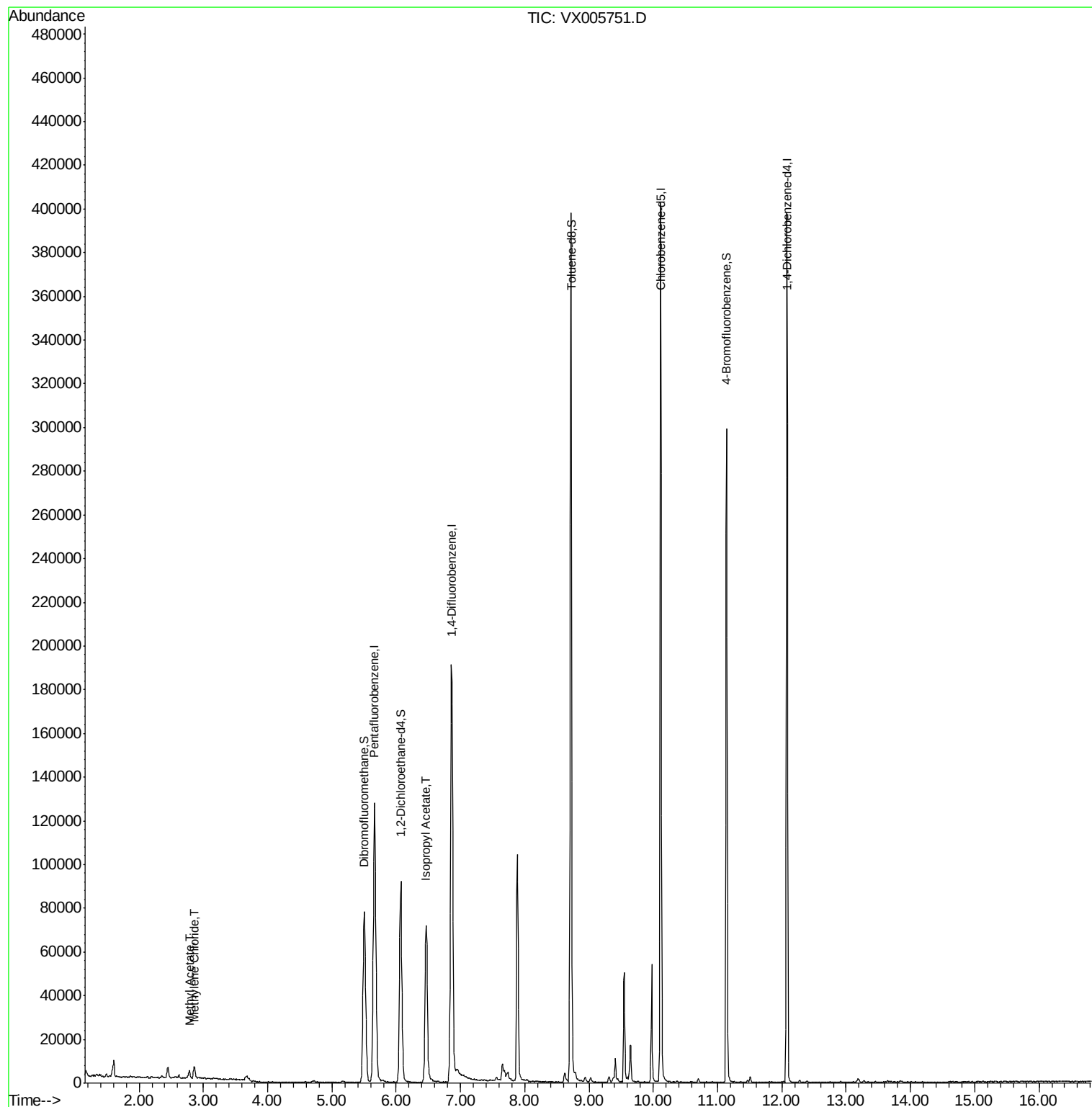
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	115725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	194681	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.12	117	171607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	73233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	88898	52.54	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.08%	
35) Dibromofluoromethane	5.51	113	68733	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
50) Toluene-d8	8.72	98	237053	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.14	95	74026	42.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.84%	
Target Compounds						
18) Methyl Acetate	2.78	43	4252	1.751	ug/l	98
20) Methylene Chloride	2.85	84	2193	1.503	ug/l	95
43) Isopropyl Acetate	6.46	43	100182	26.084	ug/l	99

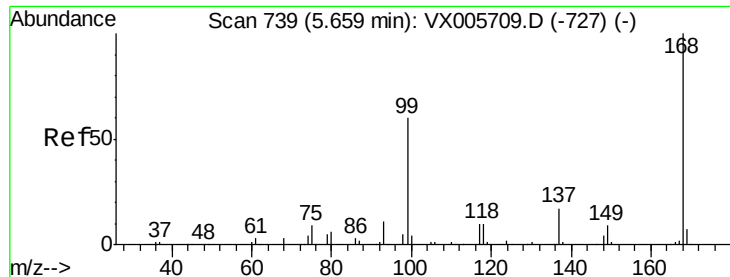
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005751.D

Acq: 02 Nov 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

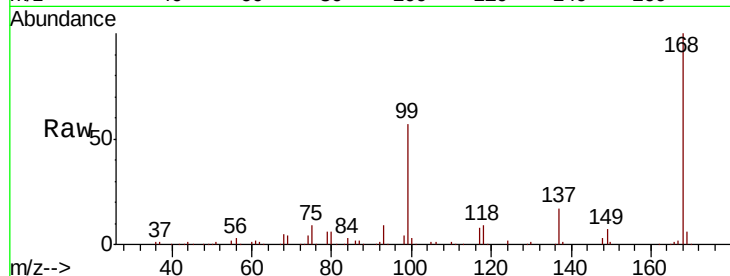
PB114401ZHE#02

Tot Ion:168 Resp: 115725

Ion Ratio Lower Upper

168 100

99 57.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

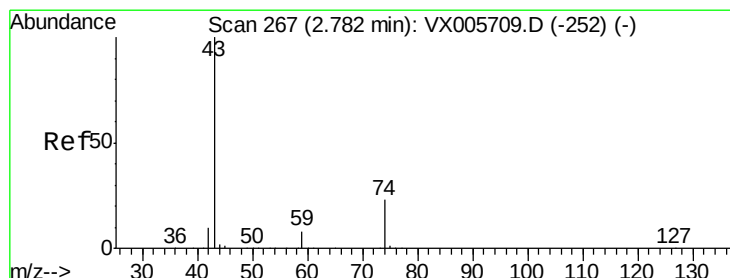
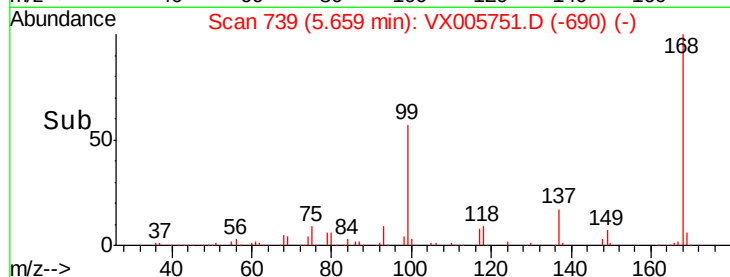
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 1.751 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005751.D

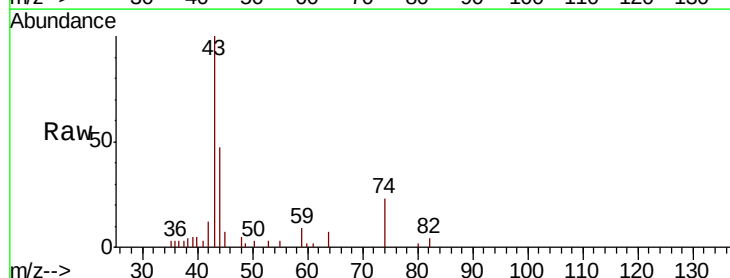
Acq: 02 Nov 2018 12:54

Tgt Ion: 43 Resp: 4252

Ion Ratio Lower Upper

43 100

74 21.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2500

2000

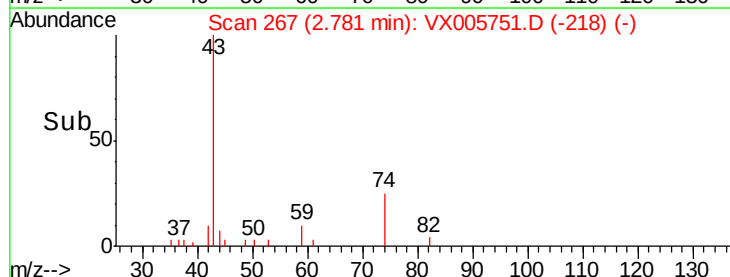
1500

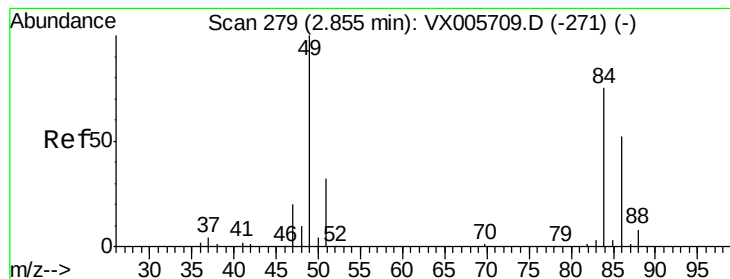
1000

500

0

Time--> 2.70 2.75 2.80 2.85 2.90





#20

Methylene Chloride

Concen: 1.503 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX005751.D

Acq: 02 Nov 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

PB114401ZHE#02

Tot Ion: 84 Resp: 2193

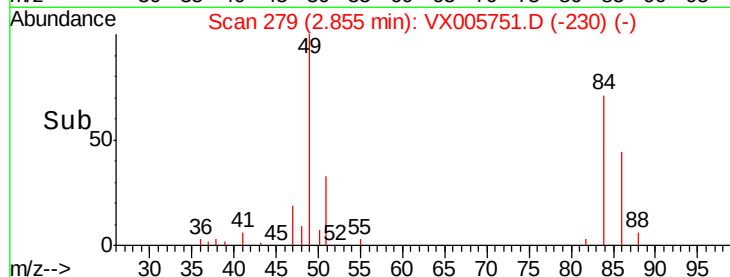
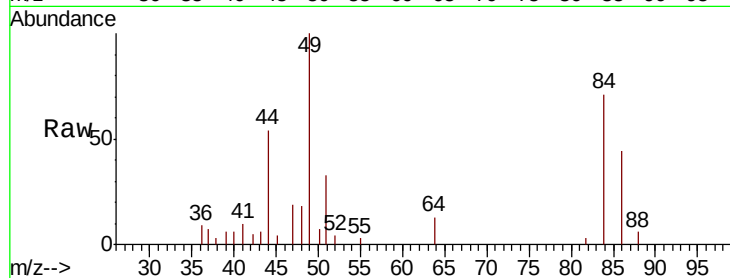
Ion Ratio Lower Upper

84 100

49 141.5 109.5 164.3

51 46.6 33.3 49.9

86 62.7 52.7 79.1



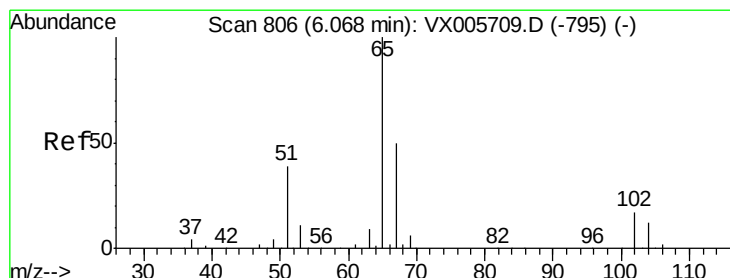
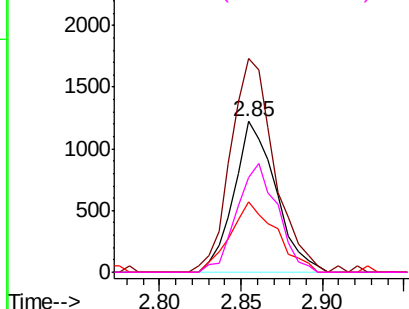
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.543 ug/l

RT: 6.08 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX005751.D

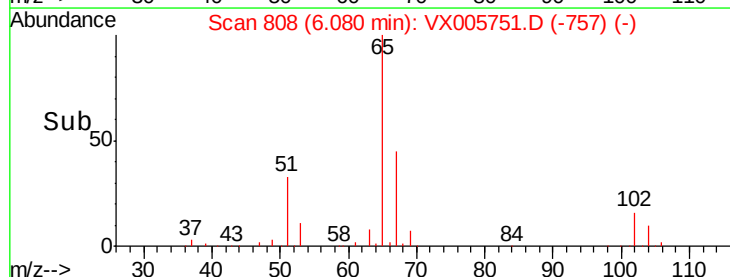
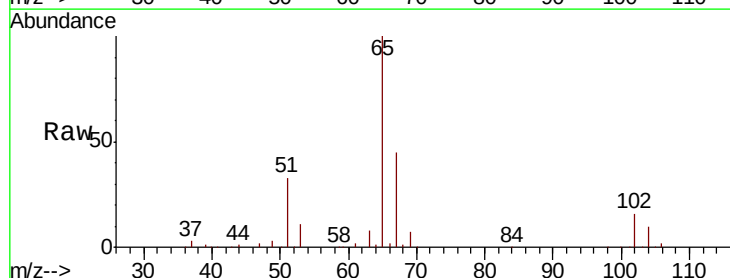
Acq: 02 Nov 2018 12:54

Tgt Ion: 65 Resp: 88898

Ion Ratio Lower Upper

65 100

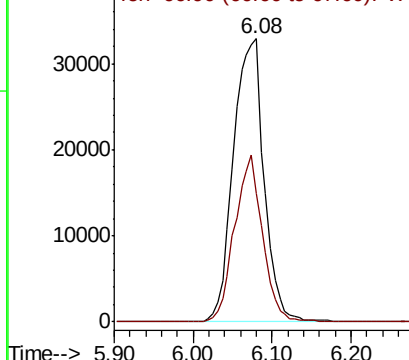
67 53.6 0.0 105.0

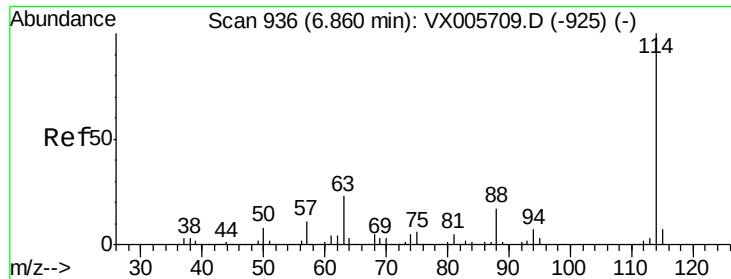


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

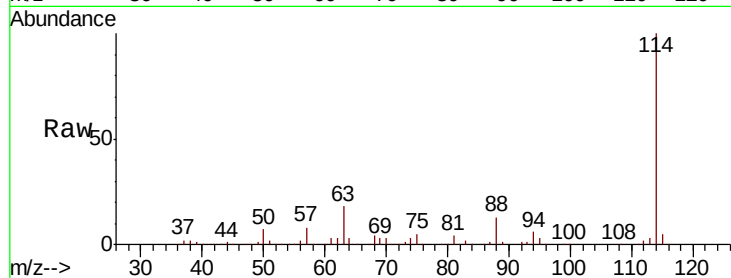




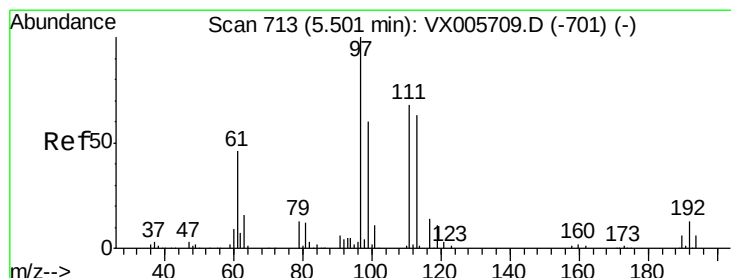
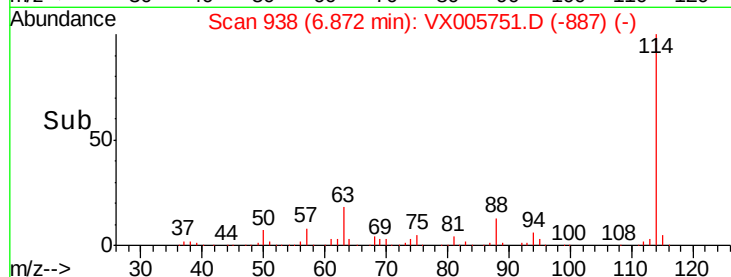
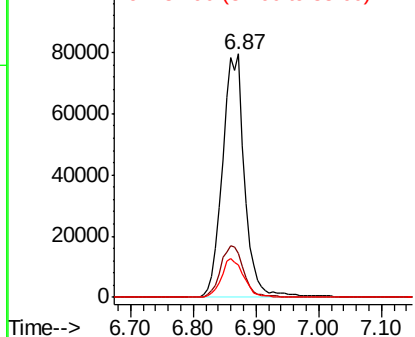
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 938
 Delta R.T. 0.01 min
 Lab File: VX005751.D
 Acq: 02 Nov 2018 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114401ZHE#02

Tot Ion:114 Resp: 194681
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 42.8
 88 13.4 0.0 31.2

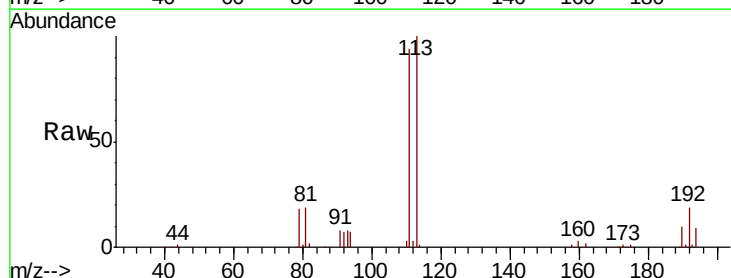


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

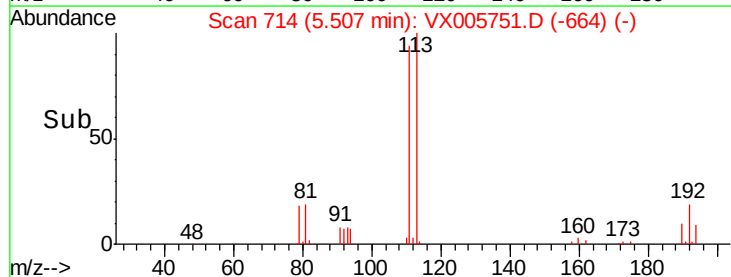
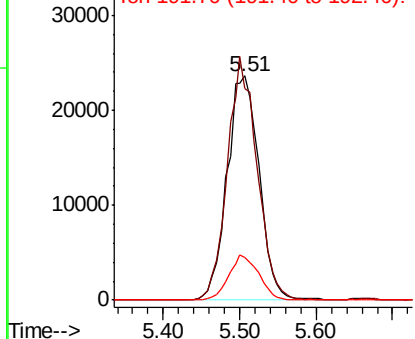


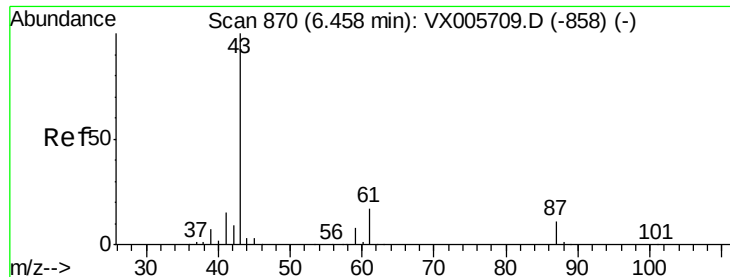
#35
 Dibromofluoromethane
 Concen: 50.989 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005751.D
 Acq: 02 Nov 2018 12:54

Tgt Ion:113 Resp: 68733
 Ion Ratio Lower Upper
 113 100
 111 100.2 82.3 123.5
 192 18.7 17.9 26.9



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





#43

Isopropyl Acetate

Concen: 26.084 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005751.D

Acq: 02 Nov 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

PB114401ZHE#02

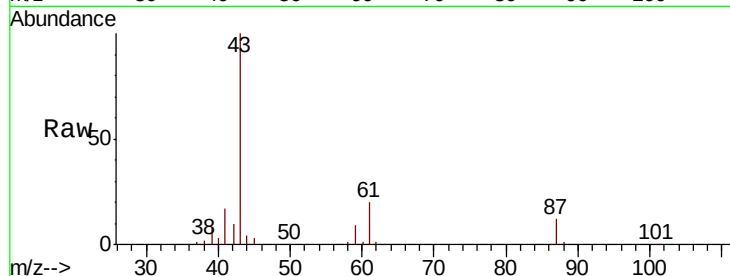
Tot Ion: 43 Resp: 100182

Ion Ratio Lower Upper

43 100

61 18.8 14.6 22.0

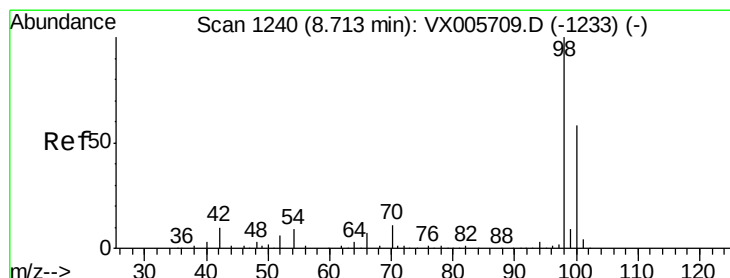
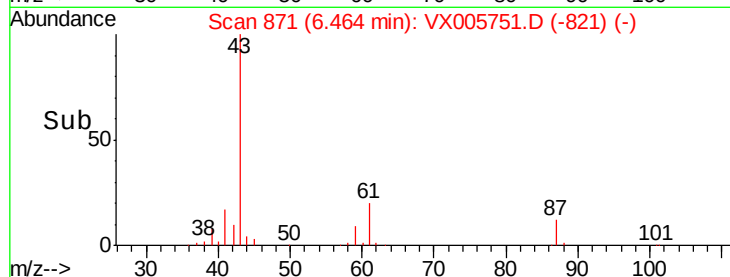
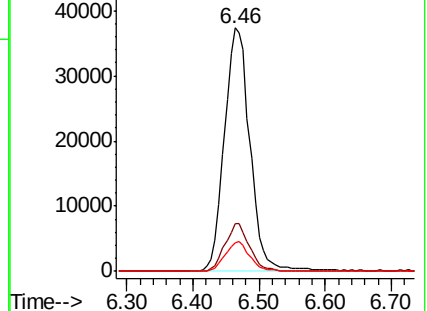
87 11.8 9.6 14.4



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: 50.140 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005751.D

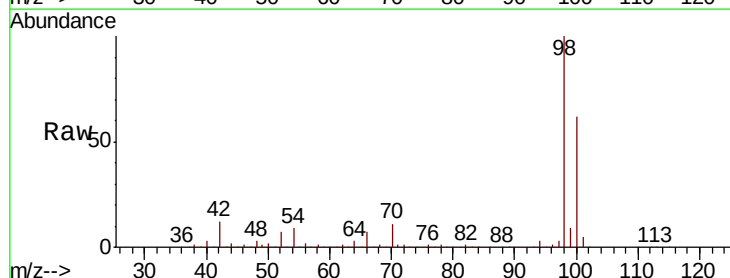
Acq: 02 Nov 2018 12:54

Tgt Ion: 98 Resp: 237053

Ion Ratio Lower Upper

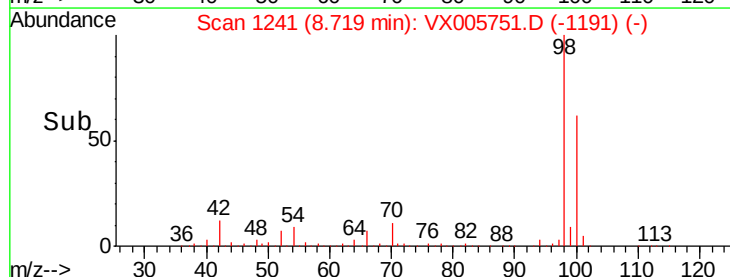
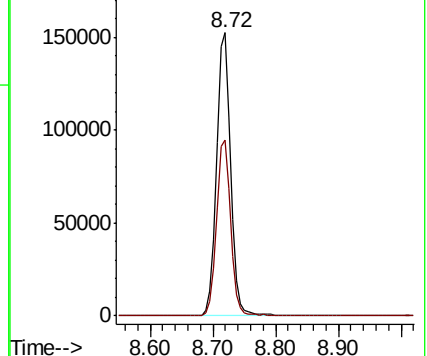
98 100

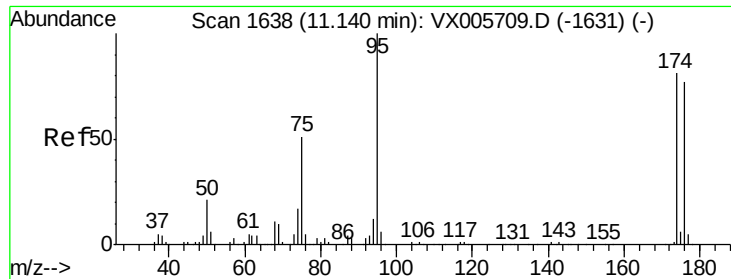
100 62.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.424 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005751.D

Acq: 02 Nov 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

PB114401ZHE#02

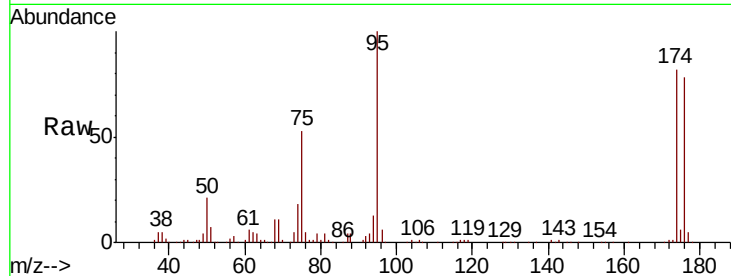
Tot Ion: 95 Resp: 74026

Ion Ratio Lower Upper

95 100

174 80.7 0.0 184.4

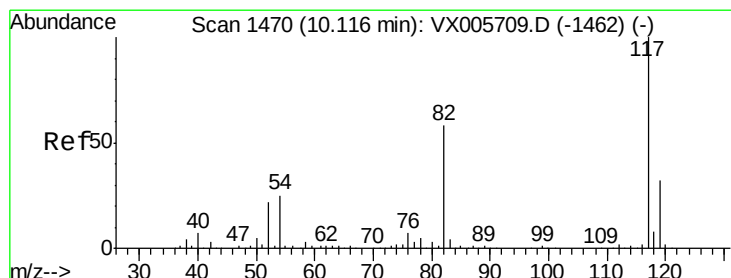
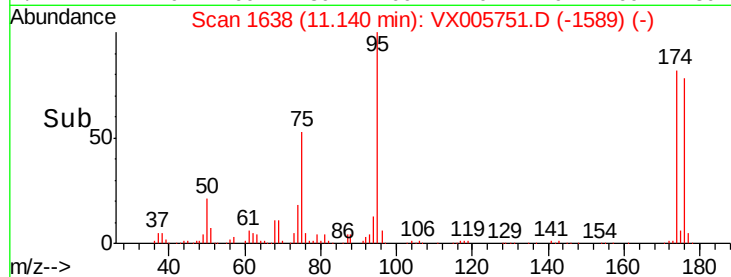
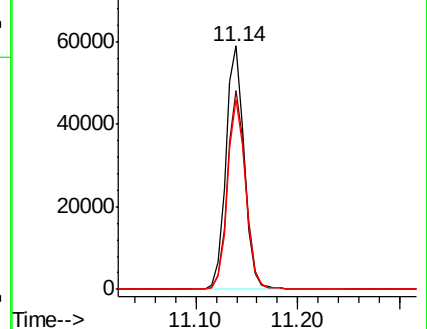
176 76.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005709.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005709.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005709.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005751.D

Acq: 02 Nov 2018 12:54

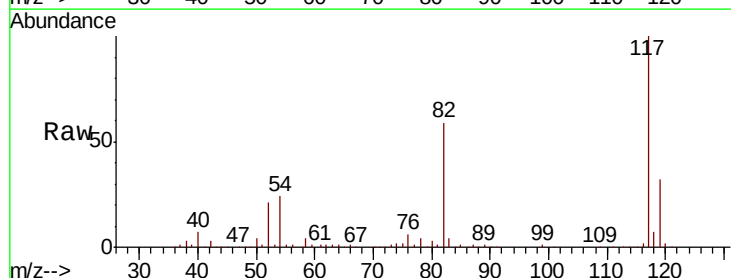
Tgt Ion: 117 Resp: 171607

Ion Ratio Lower Upper

117 100

82 58.7 44.1 66.1

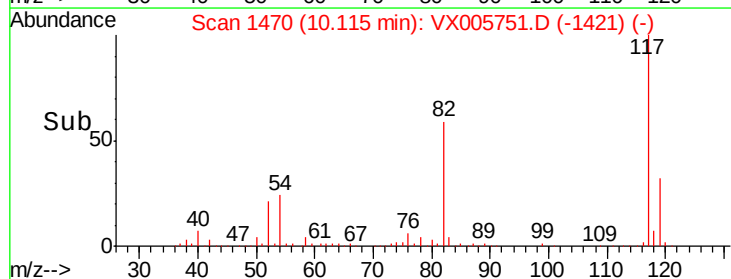
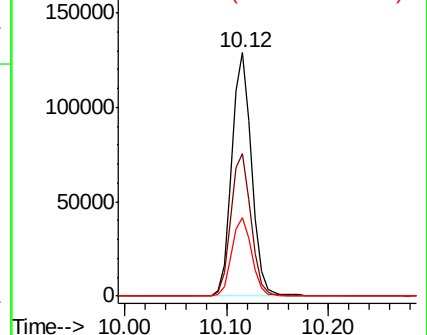
119 32.1 26.2 39.2

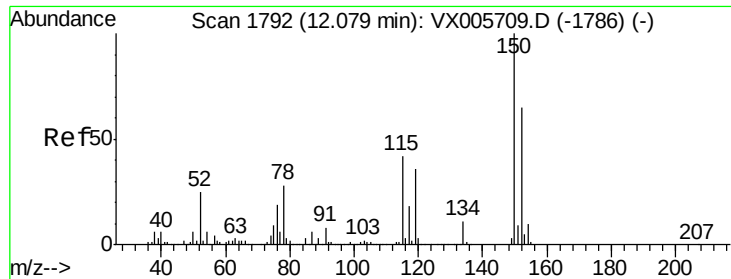


Abundance Ion 116.90 (116.60 to 117.60): VX005709.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005709.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005709.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005751.D

Acq: 02 Nov 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

PB114401ZHE#02

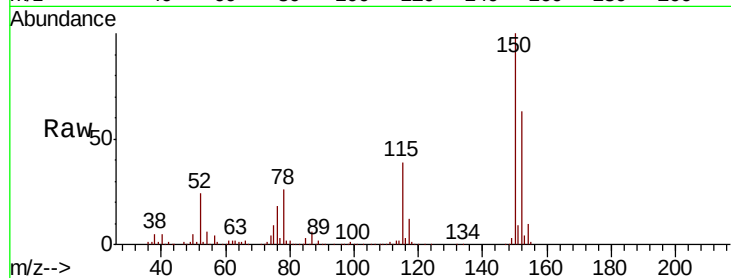
Tot Ion:152 Resp: 73233

Ion Ratio Lower Upper

152 100

115 60.2 39.4 118.1

150 155.3 0.0 346.4



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

