

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005809.D
 Acq On : 06 Nov 2018 15:18
 Operator : JC/MD
 Sample : PB114531ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531ZHE#04

Quant Time: Nov 07 09:02:21 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

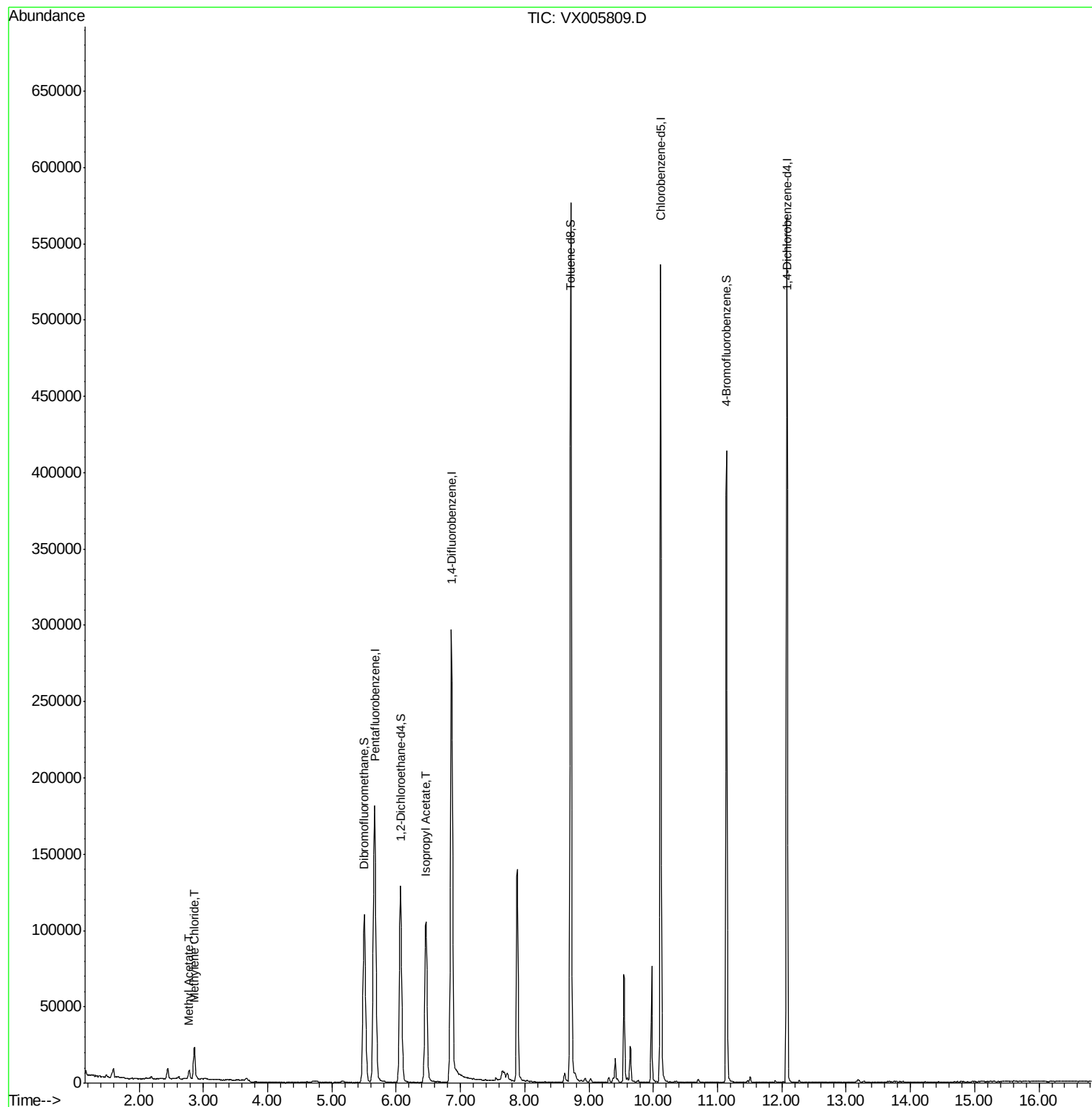
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	174132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286505	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	243348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	123797	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	5.50	113	93358	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
50) Toluene-d8	8.72	98	352988	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.14	95	110496	43.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.06%	
Target Compounds						
18) Methyl Acetate	2.78	43	7006	1.918	ug/l	95
20) Methylene Chloride	2.86	84	9777	4.453	ug/l	88
43) Isopropyl Acetate	6.46	43	143984	25.474	ug/l	95

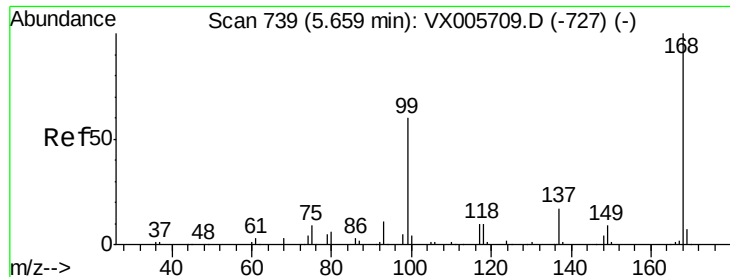
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005809.D

Acq: 06 Nov 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

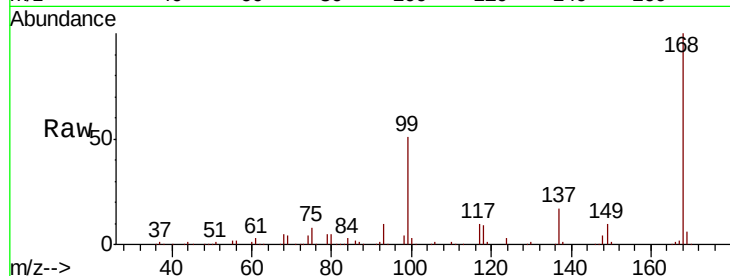
PB114531ZHE#04

Tot Ion:168 Resp: 174132

Ion Ratio Lower Upper

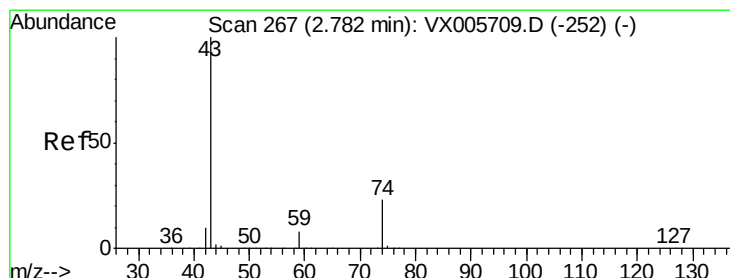
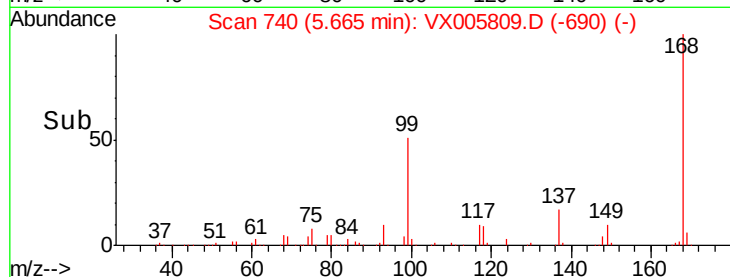
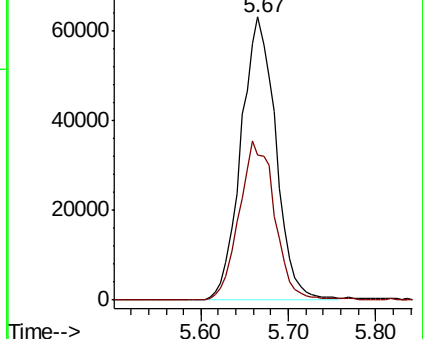
168 100

99 51.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#18

Methyl Acetate

Concen: 1.918 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005809.D

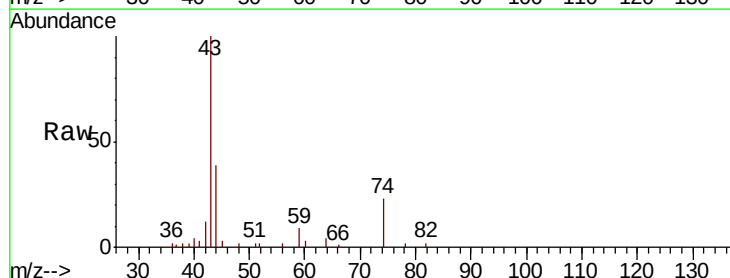
Acq: 06 Nov 2018 15:18

Tgt Ion: 43 Resp: 7006

Ion Ratio Lower Upper

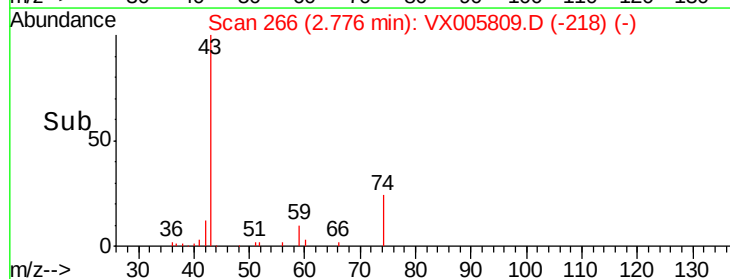
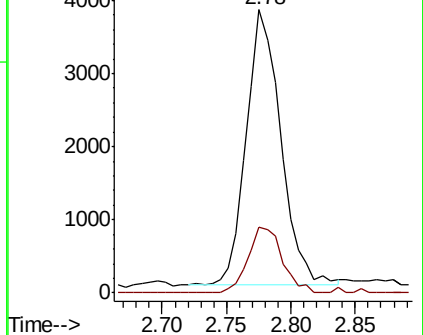
43 100

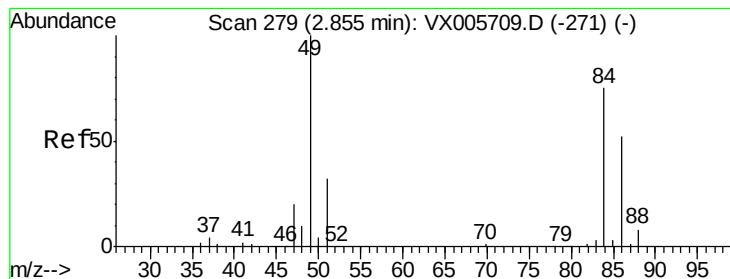
74 23.5 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 4.453 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005809.D

Acq: 06 Nov 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#04

Tot Ion: 84 Resp: 9777

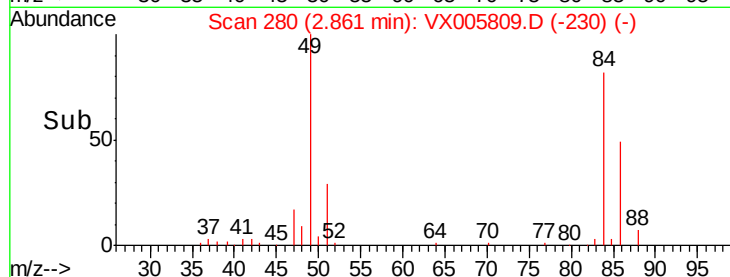
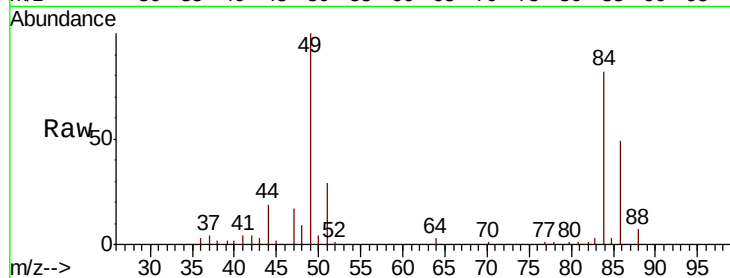
Ion Ratio Lower Upper

84 100

49 121.3 109.5 164.3

51 33.7 33.3 49.9

86 59.7 52.7 79.1



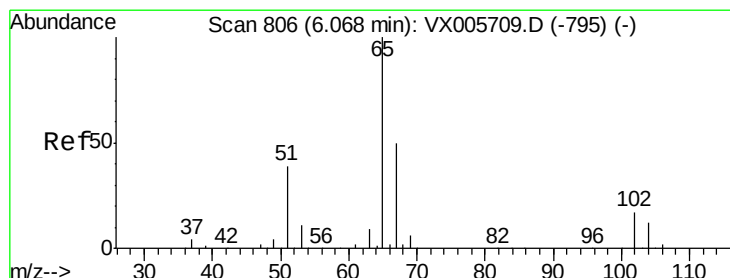
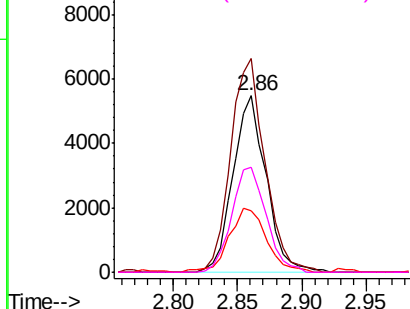
Abundance

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: 48.627 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005809.D

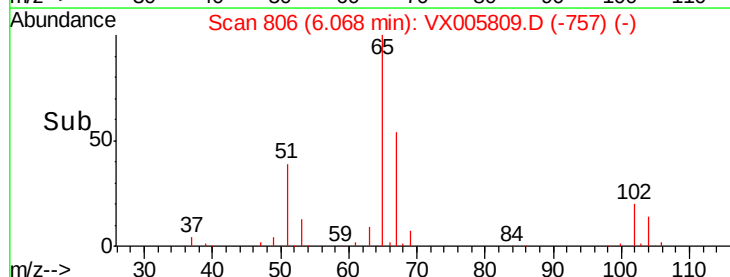
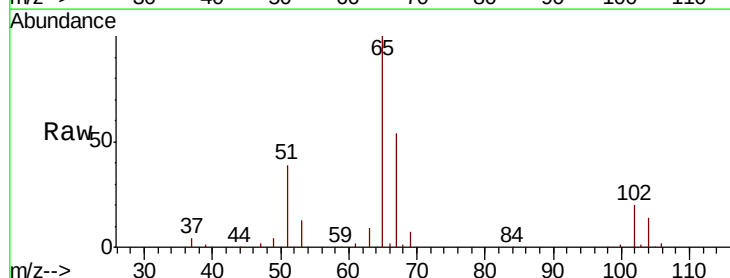
Acq: 06 Nov 2018 15:18

Tgt Ion: 65 Resp: 123797

Ion Ratio Lower Upper

65 100

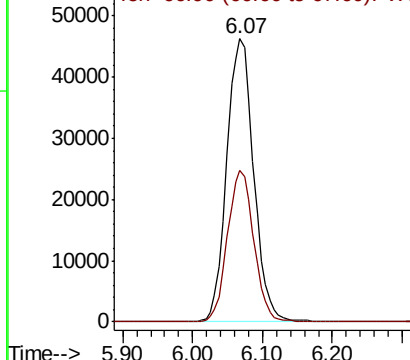
67 52.3 0.0 105.0

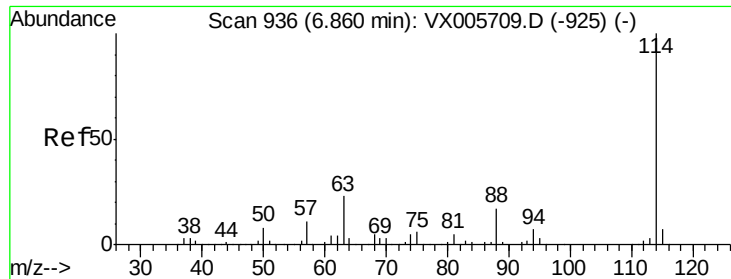


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

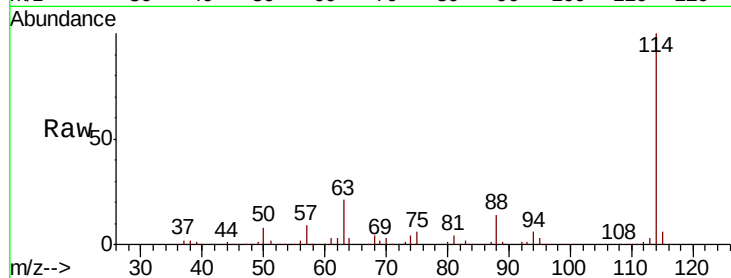




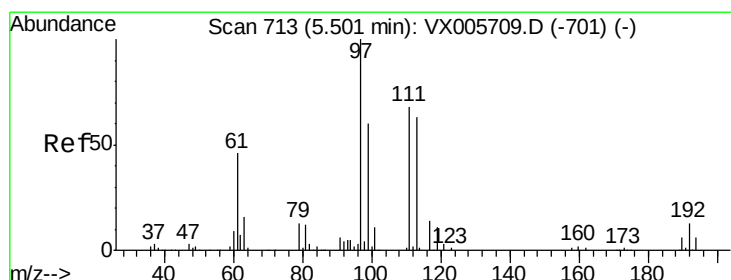
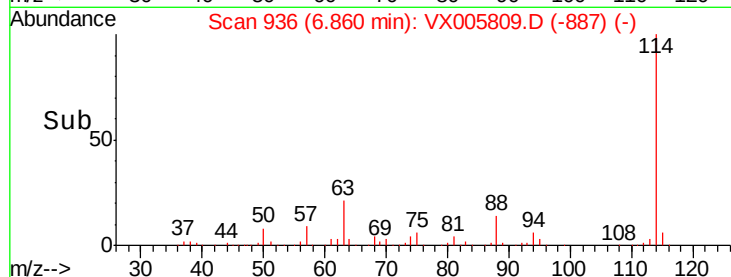
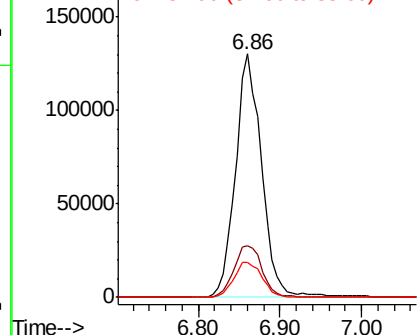
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005809.D
Acq: 06 Nov 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
PB114531ZHE#04

Tot Ion:114 Resp: 286505
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 14.2 0.0 31.2

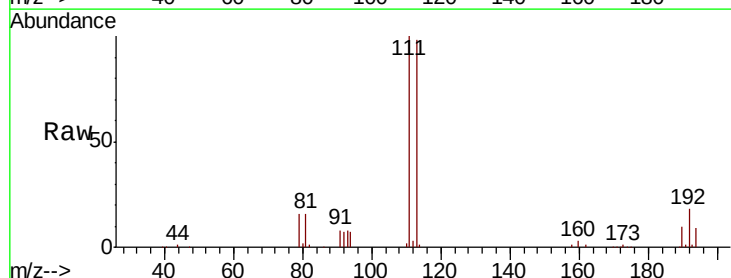


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

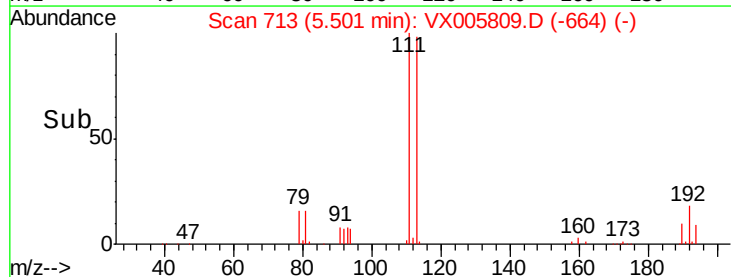
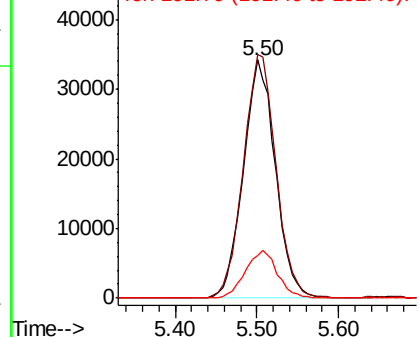


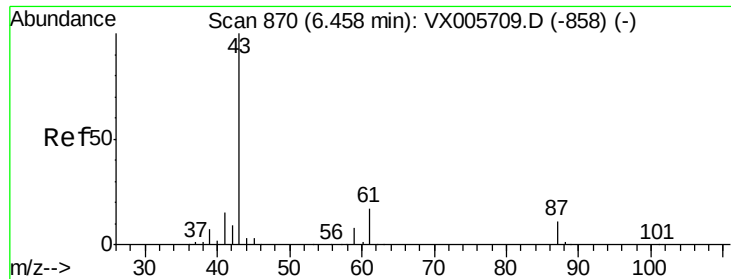
#35
Dibromofluoromethane
Concen: 47.061 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005809.D
Acq: 06 Nov 2018 15:18

Tgt Ion:113 Resp: 93358
Ion Ratio Lower Upper
113 100
111 104.2 82.3 123.5
192 20.0 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: 25.474 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005809.D

Acq: 06 Nov 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#04

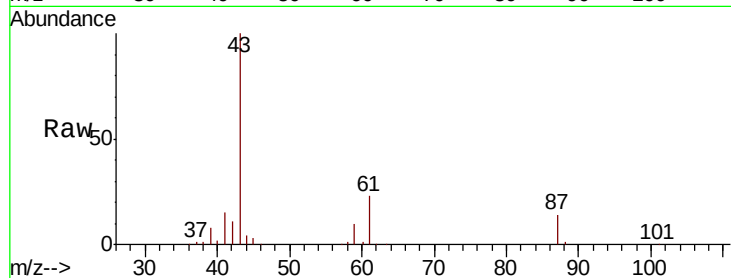
Tot Ion: 43 Resp: 143984

Ion Ratio Lower Upper

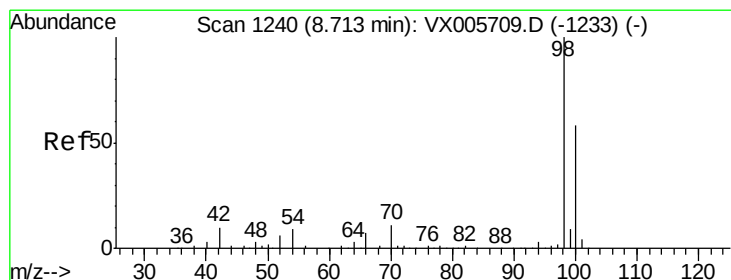
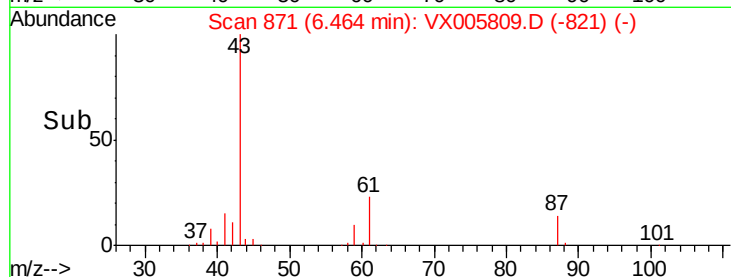
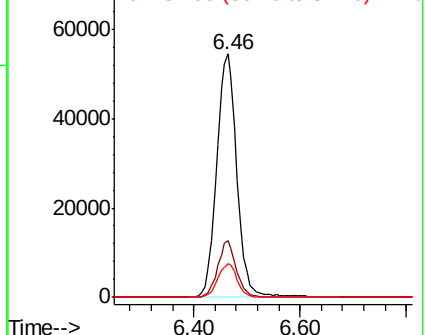
43 100

61 21.3 14.6 22.0

87 13.3 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: 50.733 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005809.D

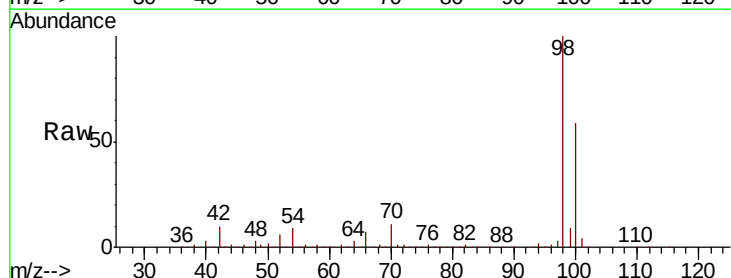
Acq: 06 Nov 2018 15:18

Tgt Ion: 98 Resp: 352988

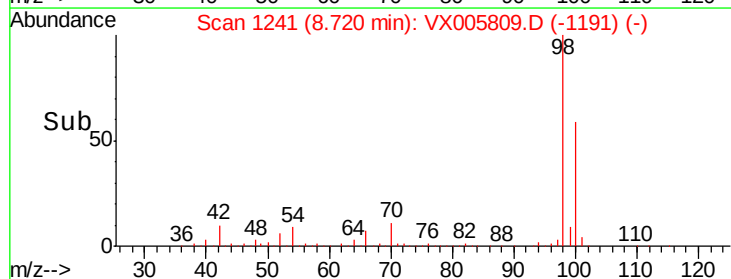
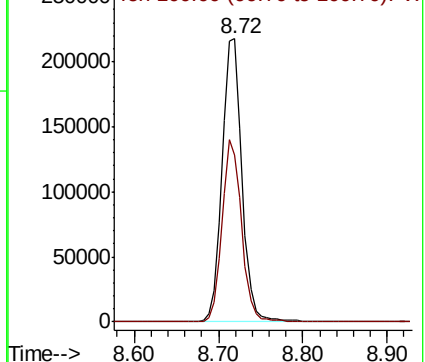
Ion Ratio Lower Upper

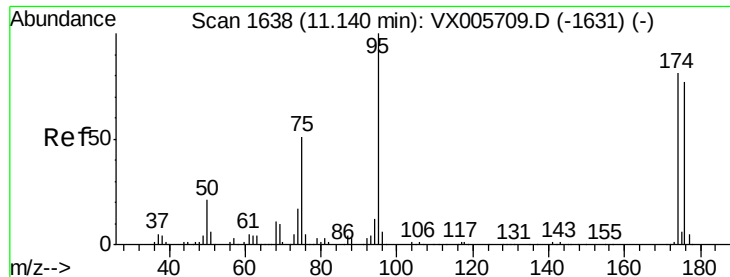
98 100

100 63.1 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: 43.030 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005809.D

Acq: 06 Nov 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#04

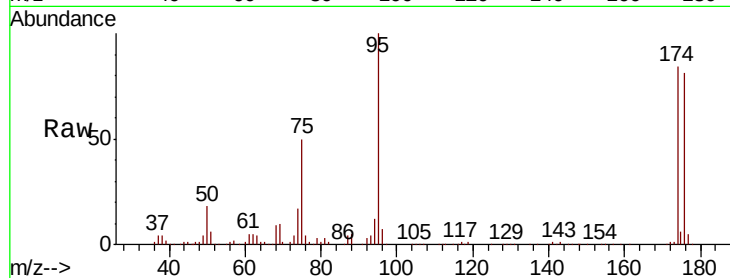
Tot Ion: 95 Resp: 110496

Ion Ratio Lower Upper

95 100

174 80.6 0.0 184.4

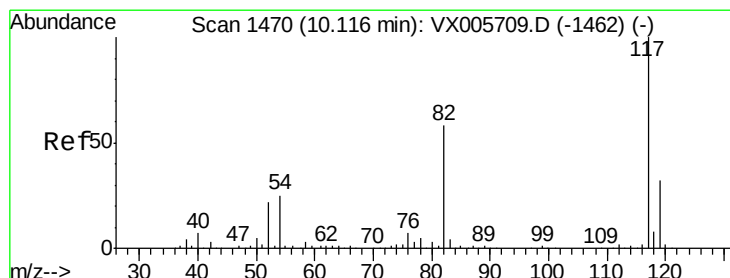
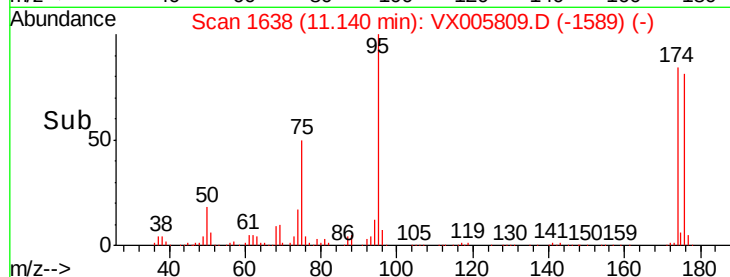
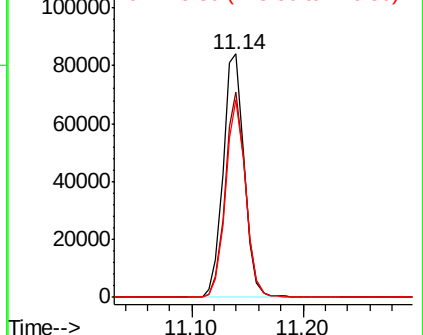
176 77.4 0.0 177.4



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: VX005809.D

Acq: 06 Nov 2018 15:18

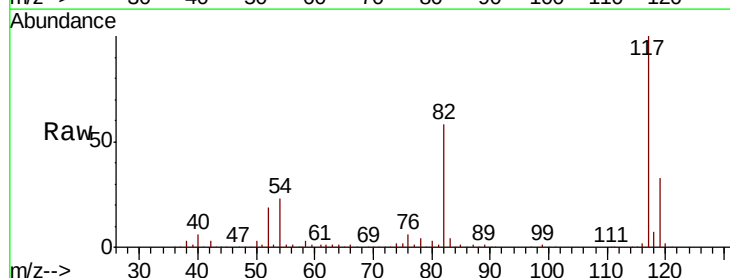
Tgt Ion: 117 Resp: 243348

Ion Ratio Lower Upper

117 100

82 58.0 44.1 66.1

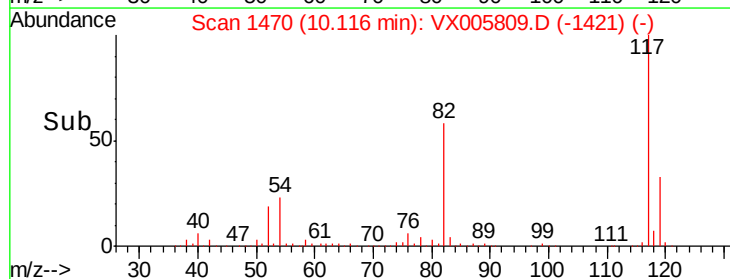
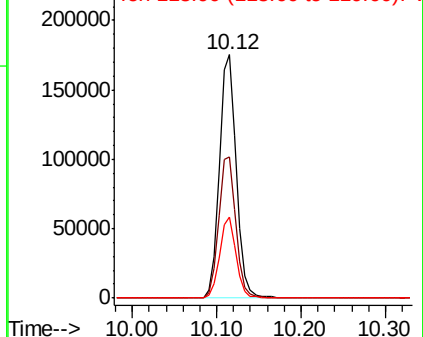
119 33.2 26.2 39.2

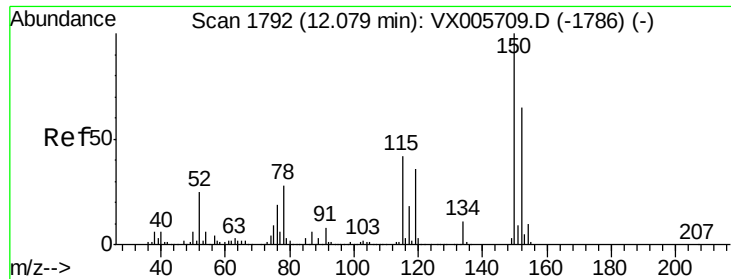


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX005809.D

Acq: 06 Nov 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#04

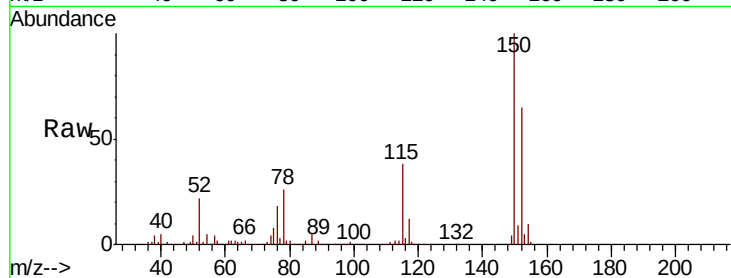
Tot Ion:152 Resp: 108710

Ion Ratio Lower Upper

152 100

115 59.1 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

