

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005815.D
 Acq On : 06 Nov 2018 17:58
 Operator : JC/MD
 Sample : PB114531ZHE#10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531ZHE#10

Quant Time: Nov 07 09:30:41 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

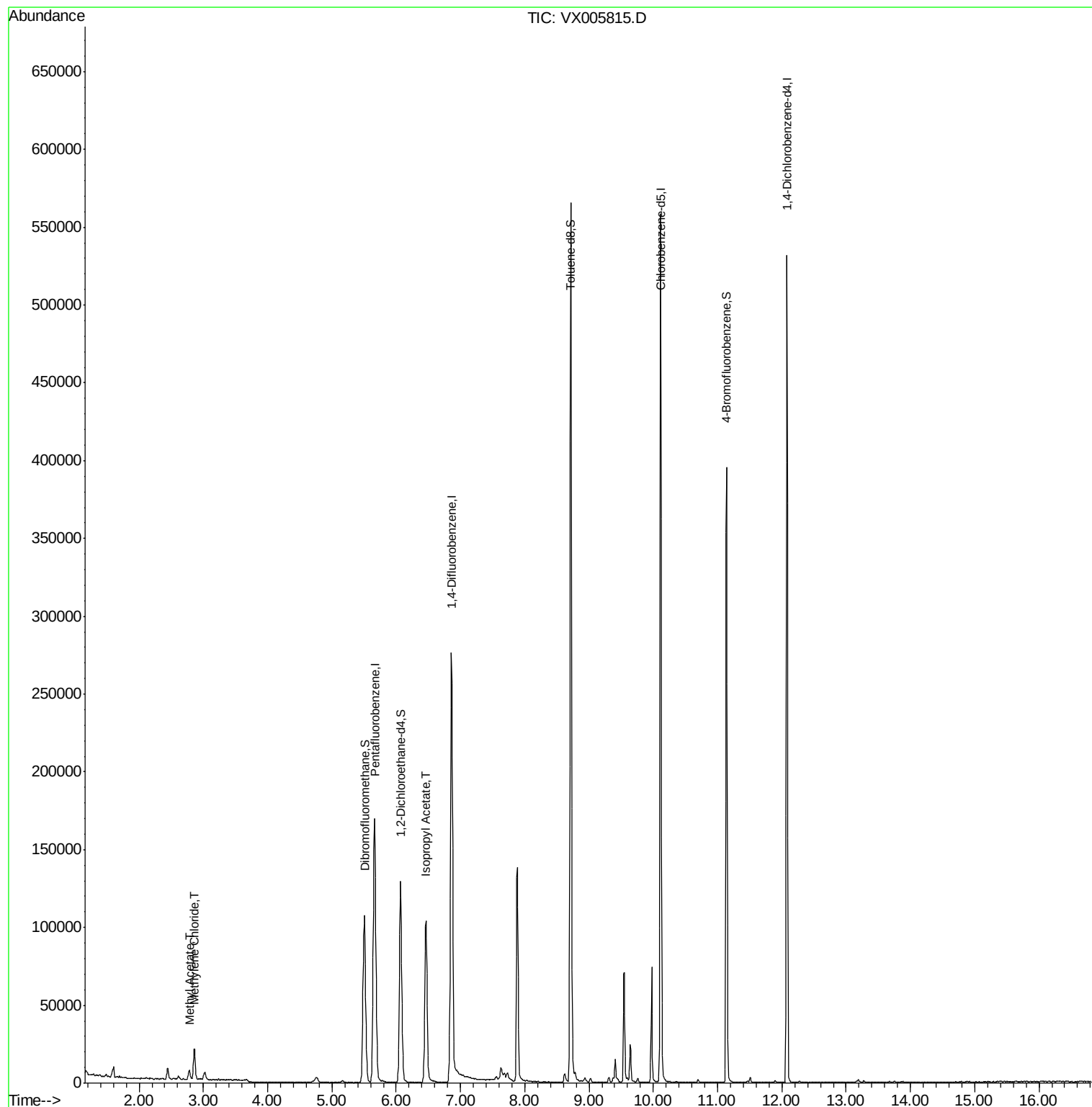
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	165488	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	268721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	101230	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	121048	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
35) Dibromofluoromethane	5.51	113	92772	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	8.71	98	348885	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
62) 4-Bromofluorobenzene	11.14	95	101844	42.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.58%	
Target Compounds						
18) Methyl Acetate	2.78	43	7688	2.214	ug/l	93
20) Methylene Chloride	2.85	84	8852	4.243	ug/l	92
43) Isopropyl Acetate	6.46	43	138553	26.135	ug/l	98

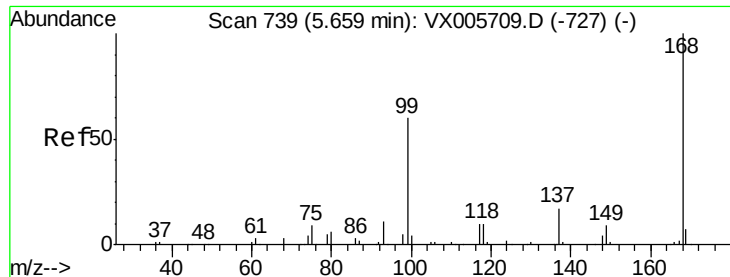
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005815.D

Acq: 06 Nov 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

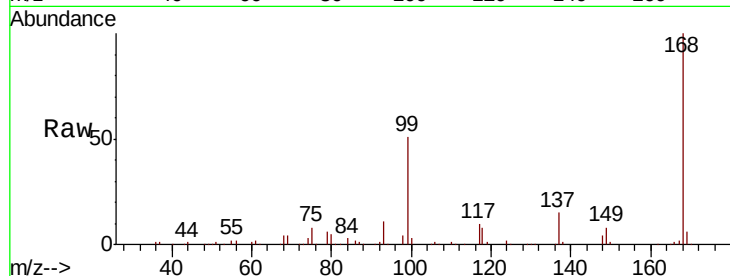
PB114531ZHE#10

Tot Ion:168 Resp: 165488

Ion Ratio Lower Upper

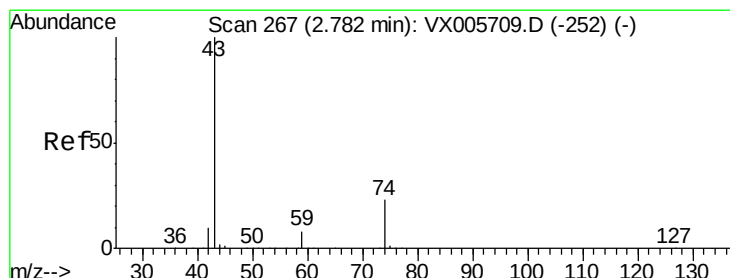
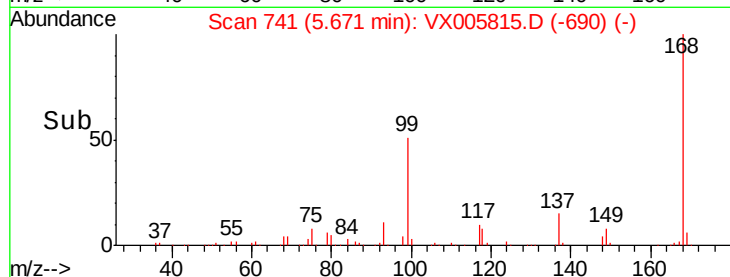
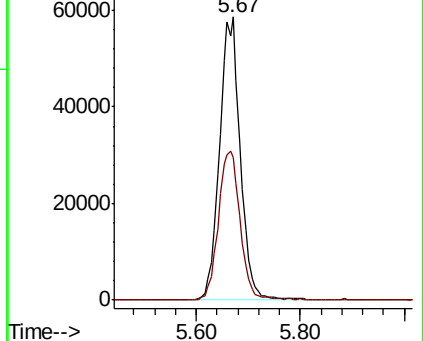
168 100

99 50.6 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: 2.214 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005815.D

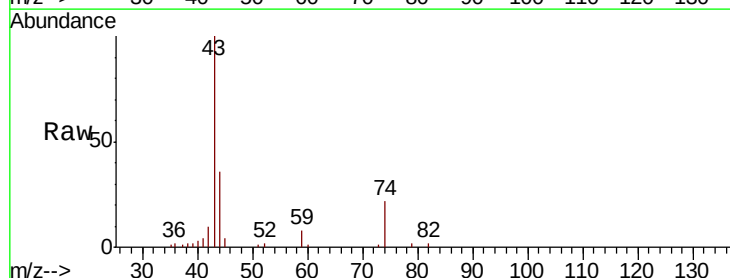
Acq: 06 Nov 2018 17:58

Tgt Ion: 43 Resp: 7688

Ion Ratio Lower Upper

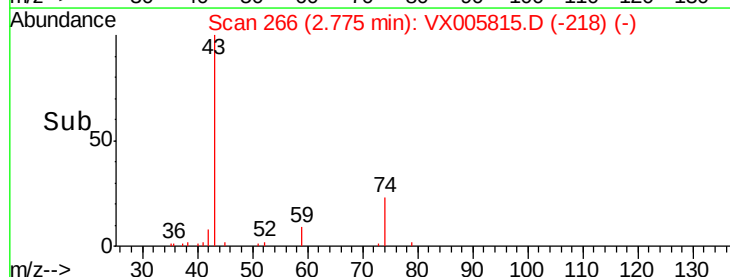
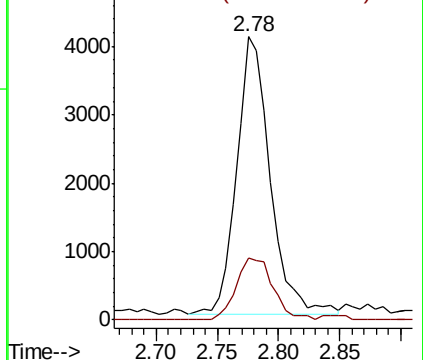
43 100

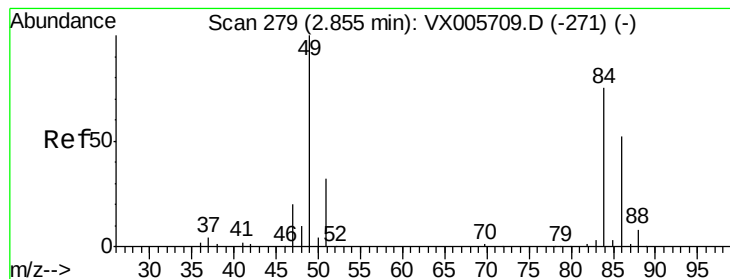
74 24.4 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 4.243 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX005815.D

Acq: 06 Nov 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#10

Tot Ion: 84 Resp: 8852

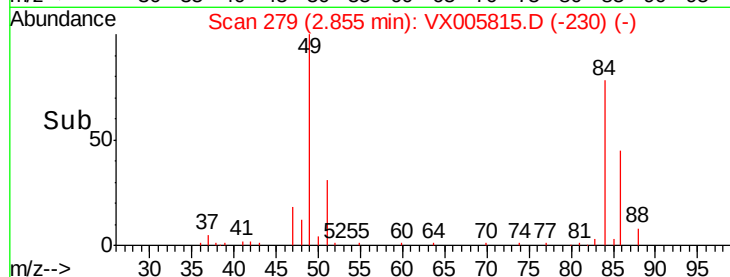
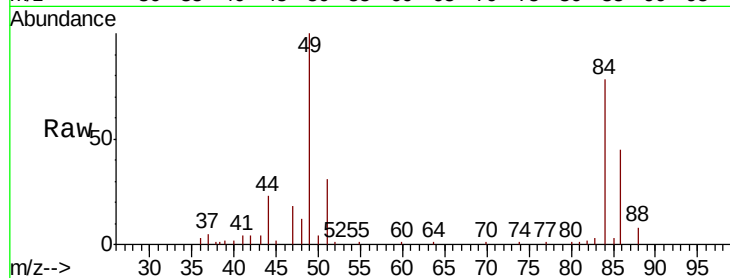
Ion Ratio Lower Upper

84 100

49 127.4 109.5 164.3

51 39.5 33.3 49.9

86 57.7 52.7 79.1

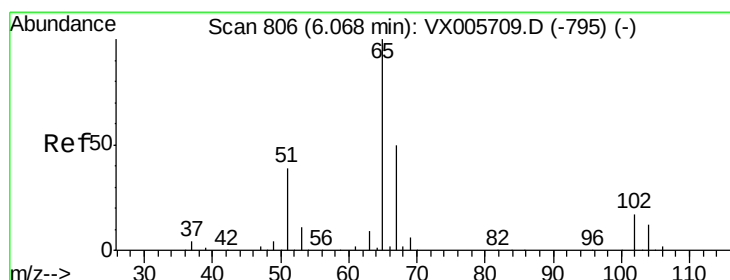
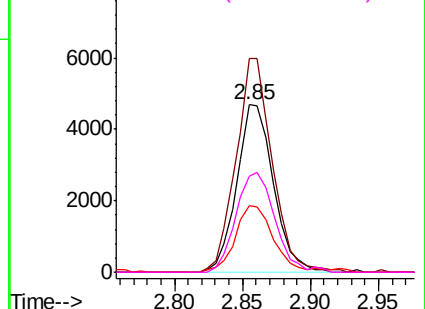


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 50.031 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005815.D

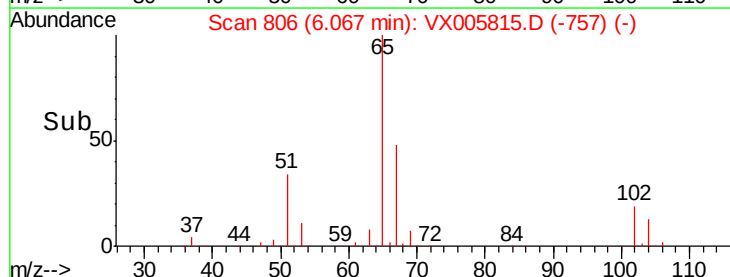
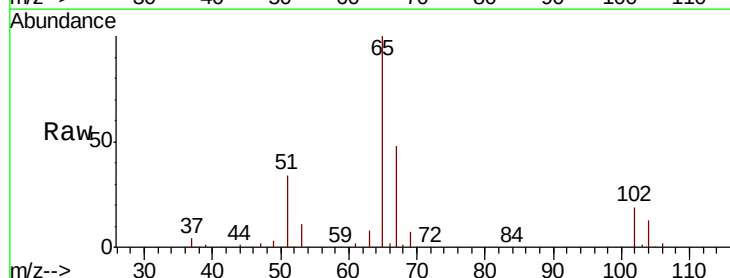
Acq: 06 Nov 2018 17:58

Tgt Ion: 65 Resp: 121048

Ion Ratio Lower Upper

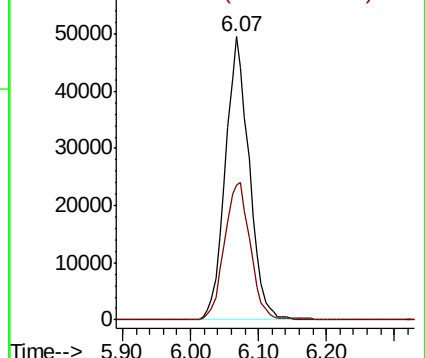
65 100

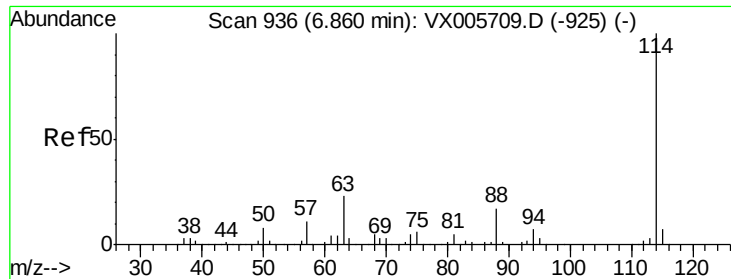
67 52.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

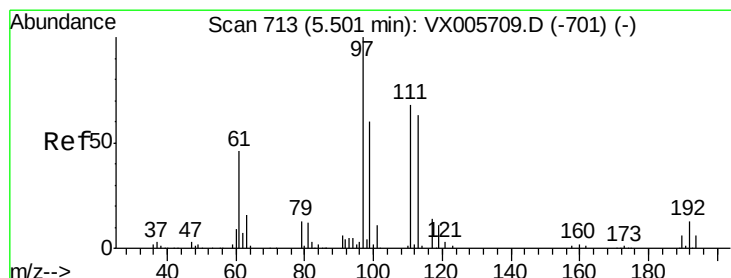
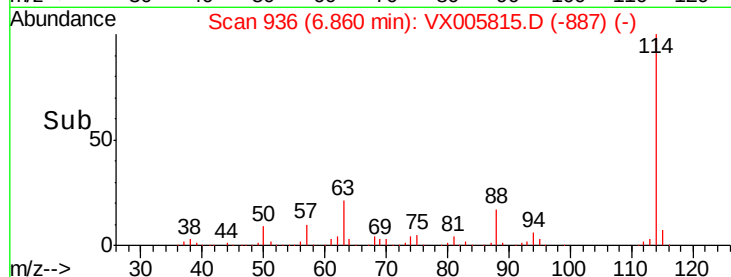
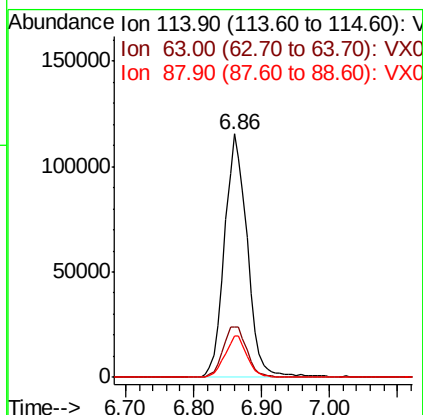
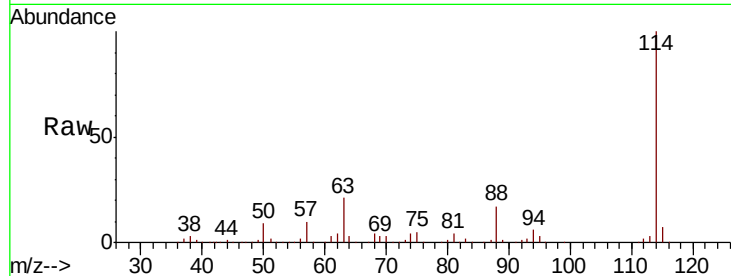




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005815.D
Acq: 06 Nov 2018 17:58

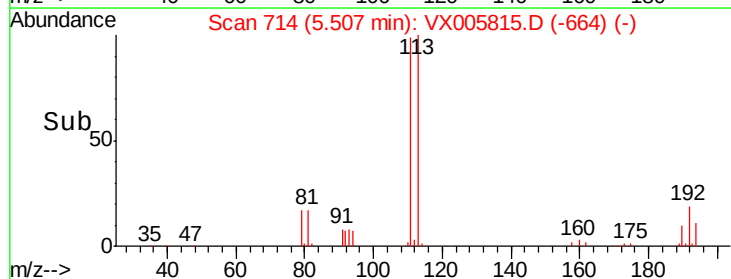
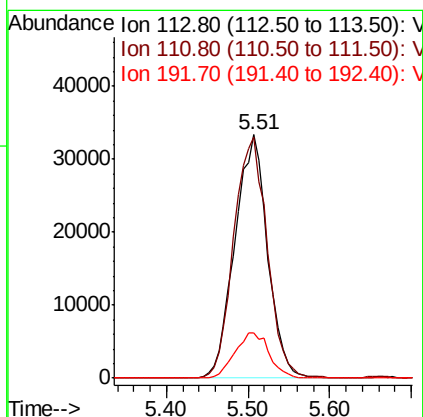
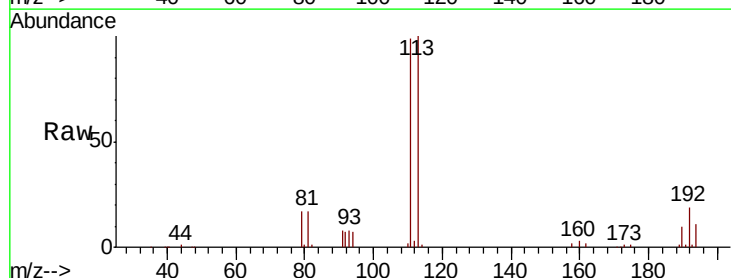
Instrument :
MSVOA_X
ClientSampleId :
PB114531ZHE#10

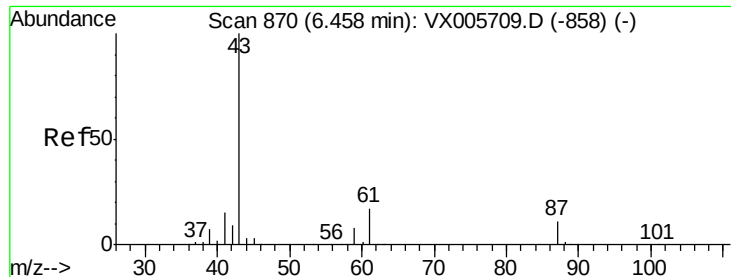
Tot Ion:114 Resp: 268721
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.8
88 17.2 0.0 31.2



#35
Dibromofluoromethane
Concen: 49.860 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005815.D
Acq: 06 Nov 2018 17:58

Tgt Ion:113 Resp: 92772
Ion Ratio Lower Upper
113 100
111 101.3 82.3 123.5
192 19.4 17.9 26.9





#43

Isopropyl Acetate

Concen: 26.135 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005815.D

Acq: 06 Nov 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#10

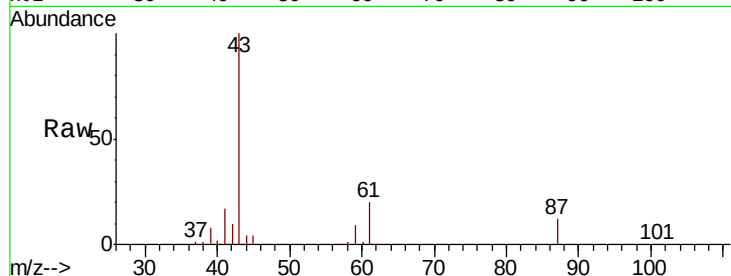
Tot Ion: 43 Resp: 138553

Ion Ratio Lower Upper

43 100

61 19.5 14.6 22.0

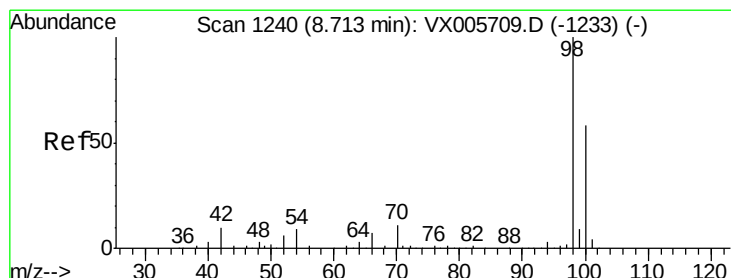
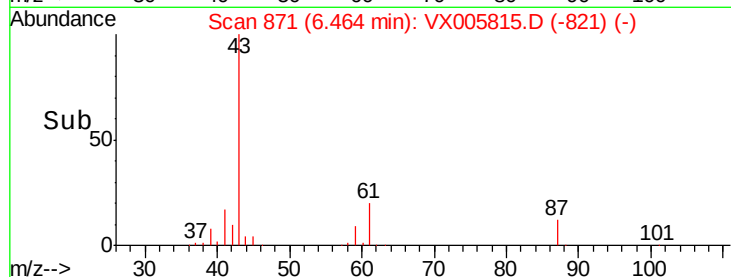
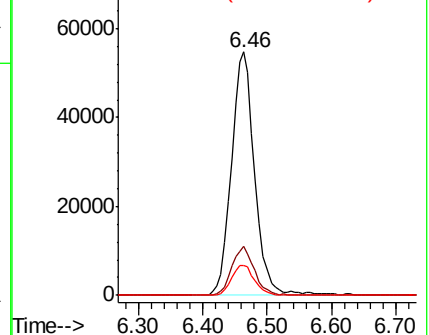
87 12.5 9.6 14.4



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: 53.462 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005815.D

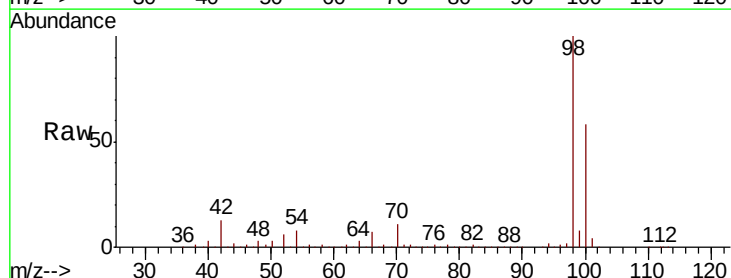
Acq: 06 Nov 2018 17:58

Tgt Ion: 98 Resp: 348885

Ion Ratio Lower Upper

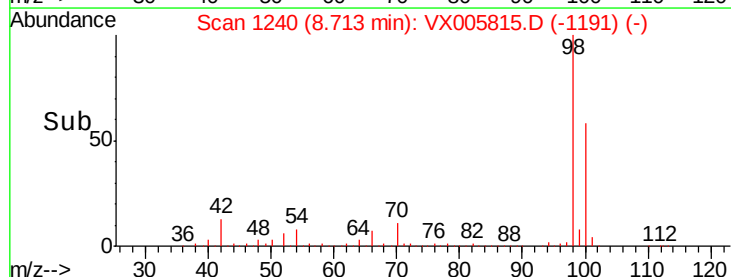
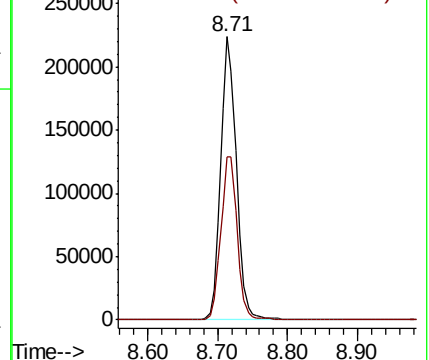
98 100

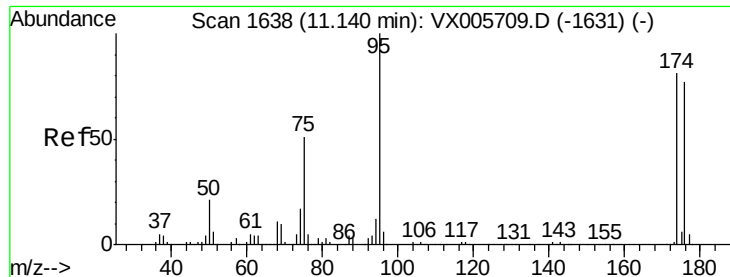
100 60.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.285 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005815.D

Acq: 06 Nov 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#10

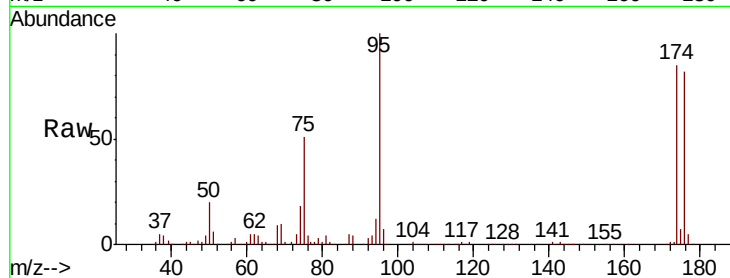
Tot Ion: 95 Resp: 101844

Ion Ratio Lower Upper

95 100

174 81.1 0.0 184.4

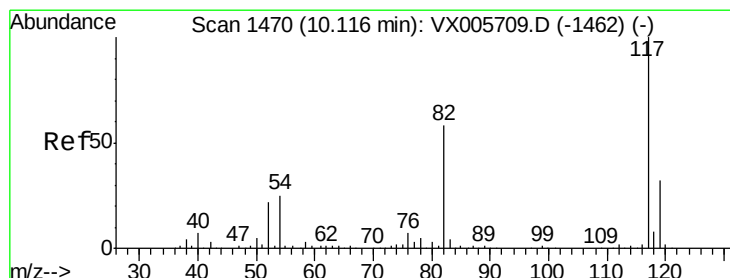
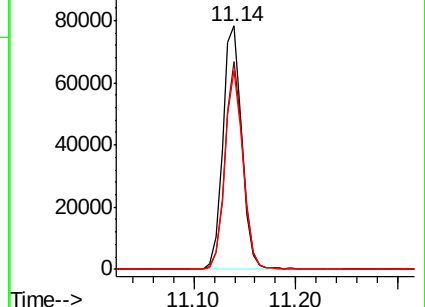
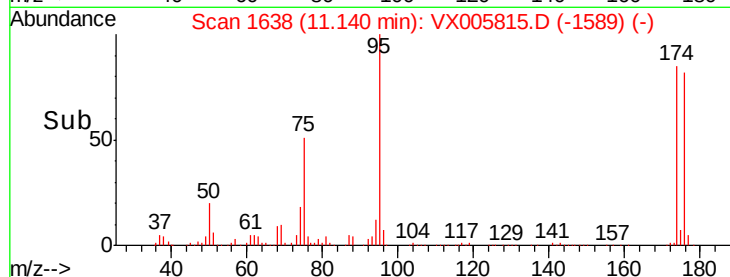
176 77.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005815.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005815.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005815.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX005815.D

Acq: 06 Nov 2018 17:58

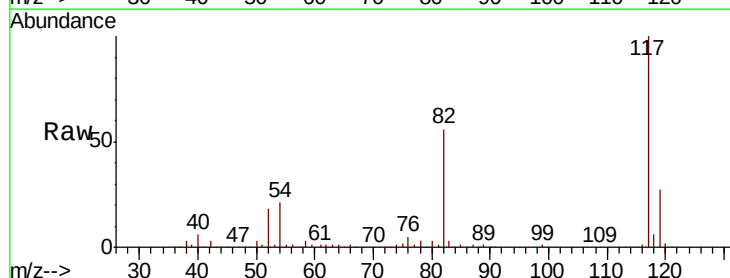
Tgt Ion: 117 Resp: 257538

Ion Ratio Lower Upper

117 100

82 56.0 44.1 66.1

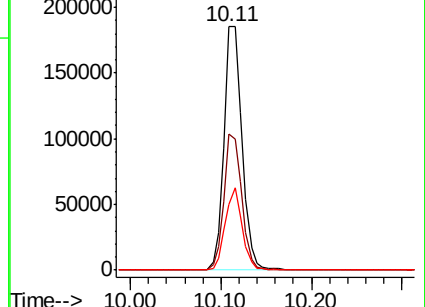
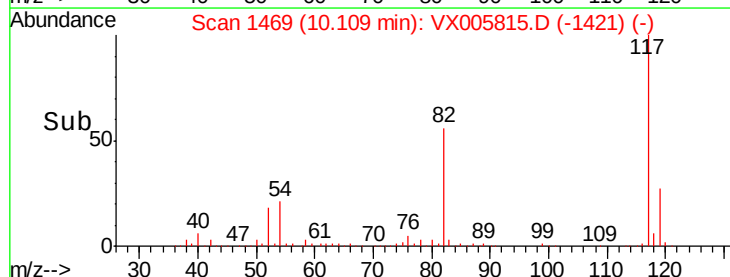
119 26.8 26.2 39.2

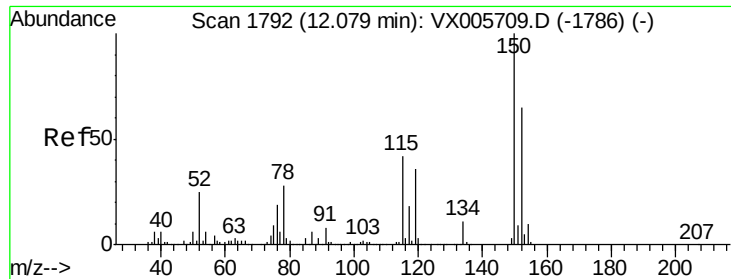


Abundance Ion 116.90 (116.60 to 117.60): VX005815.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005815.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005815.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005815.D

Acq: 06 Nov 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#10

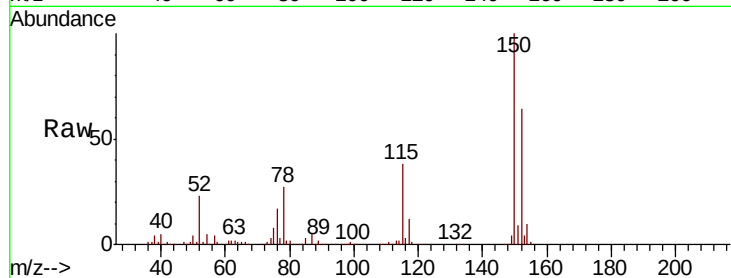
Tot Ion:152 Resp: 101230

Ion Ratio Lower Upper

152 100

115 58.8 39.4 118.1

150 156.5 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

