

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005804.D
 Acq On : 06 Nov 2018 13:05
 Operator : JC/MD
 Sample : PB114531TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531TB

Quant Time: Nov 07 08:36:54 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

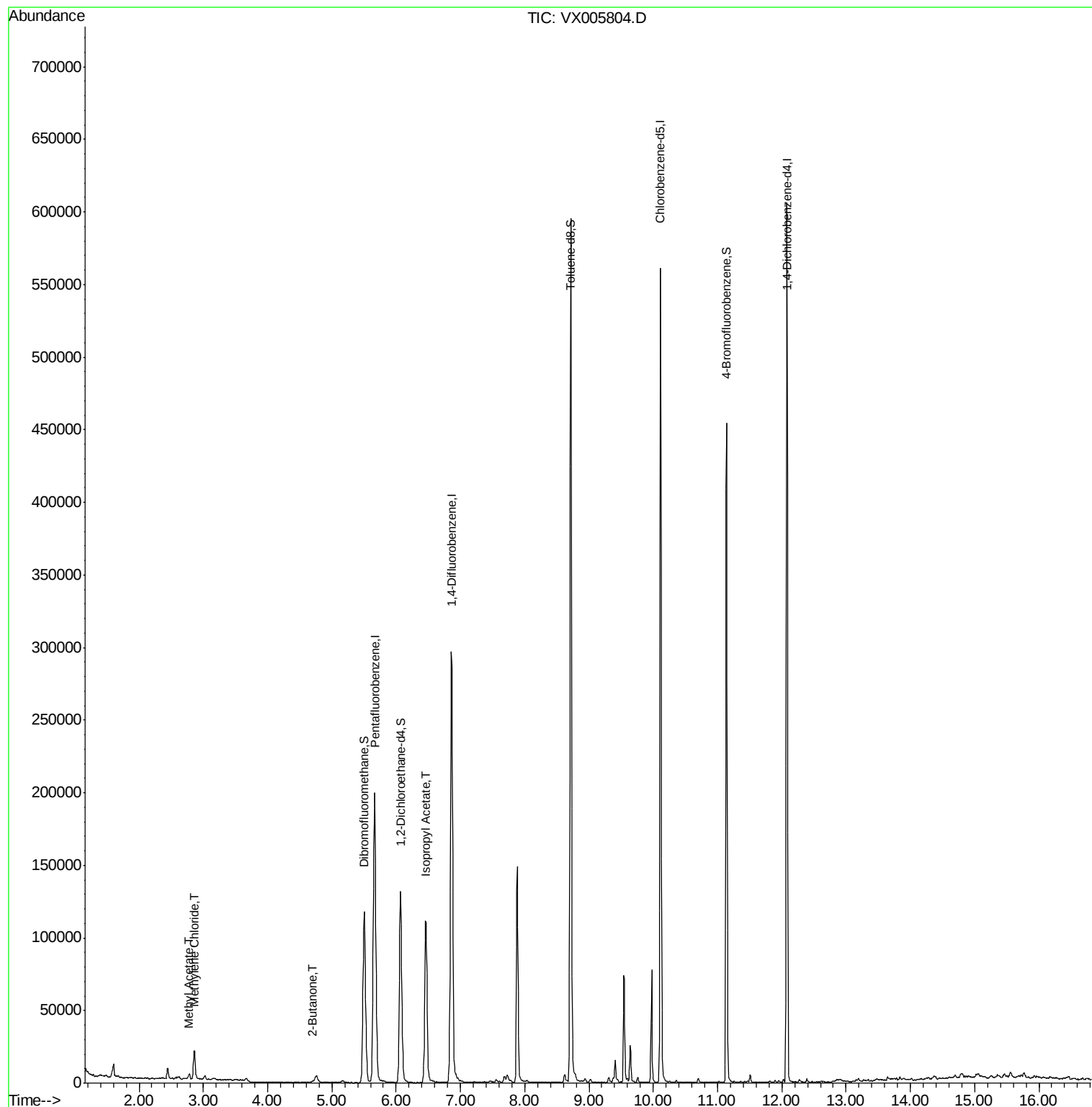
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	187769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117913	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	127991	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
35) Dibromofluoromethane	5.50	113	101536	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	8.71	98	362439	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.14	95	118662	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.92%	
Target Compounds						
18) Methyl Acetate	2.78	43	4240	1.076	ug/l	94
20) Methylene Chloride	2.86	84	9359	3.953	ug/l	92
25) 2-Butanone	4.70	43	2416	1.043	ug/l	99
43) Isopropyl Acetate	6.46	43	150516	25.624	ug/l	95

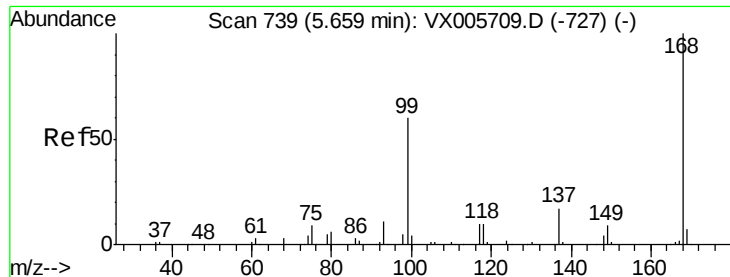
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 07 08:36:54 2018
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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: VX005804.D

Acq: 06 Nov 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

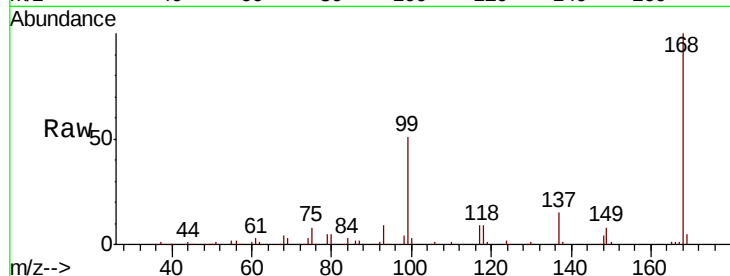
PB114531TB

Tot Ion:168 Resp: 187769

Ion Ratio Lower Upper

168 100

99 51.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

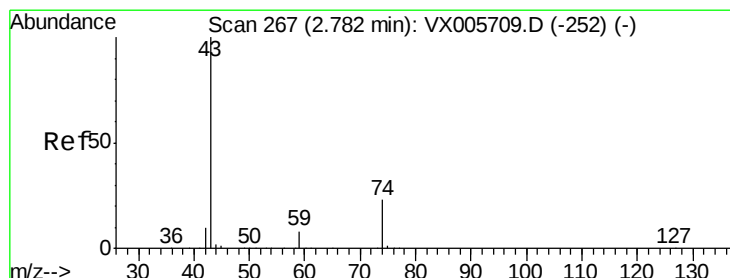
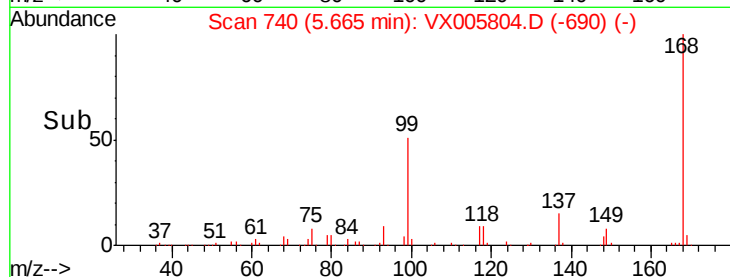
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 1.076 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005804.D

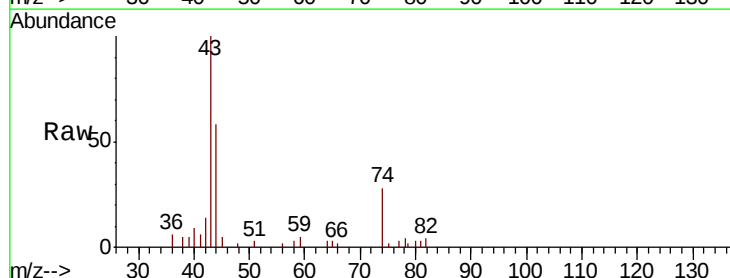
Acq: 06 Nov 2018 13:05

Tgt Ion: 43 Resp: 4240

Ion Ratio Lower Upper

43 100

74 23.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

2500

2000

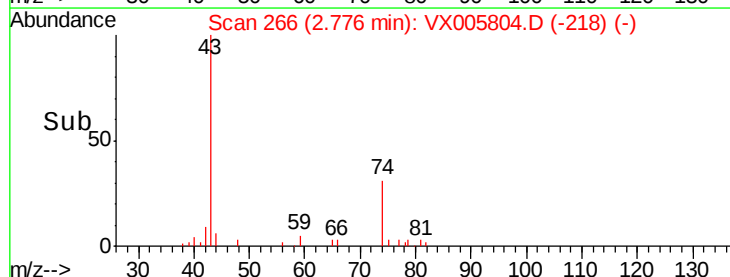
1500

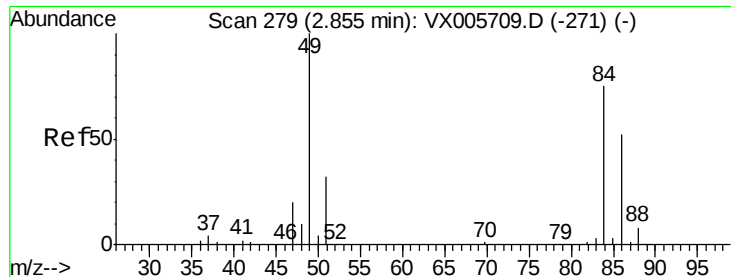
1000

500

0

Time--> 2.70 2.75 2.80 2.85

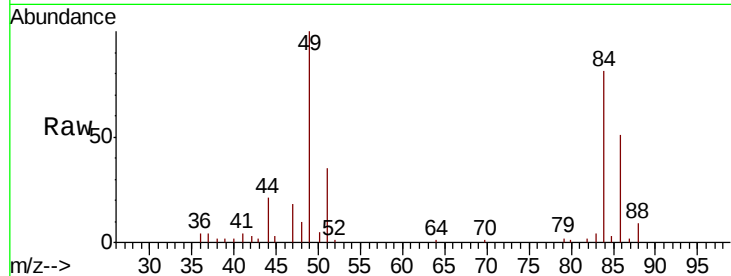




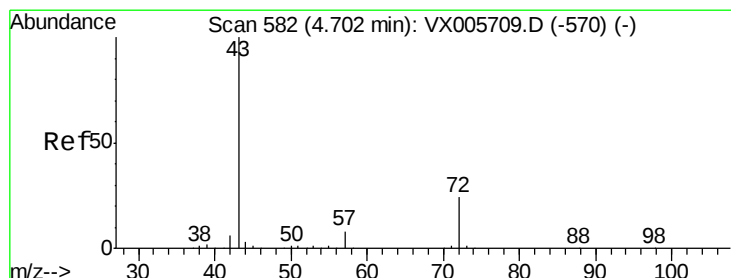
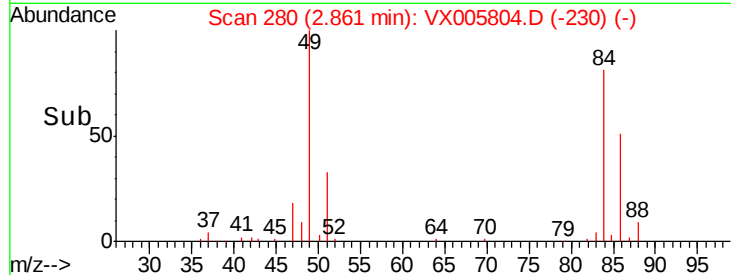
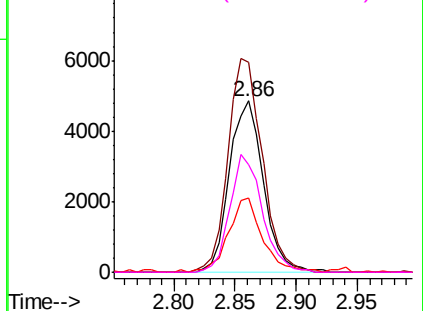
#20
Methvlene Chloride
Concen: 3.953 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005804.D
Acq: 06 Nov 2018 13:05

Instrument :
MSVOA_X
ClientSampled :
PB114531TB

Tot Ion: 84 Resp: 9359
Ion Ratio Lower Upper
84 100
49 123.0 109.5 164.3
51 43.5 33.3 49.9
86 62.5 52.7 79.1

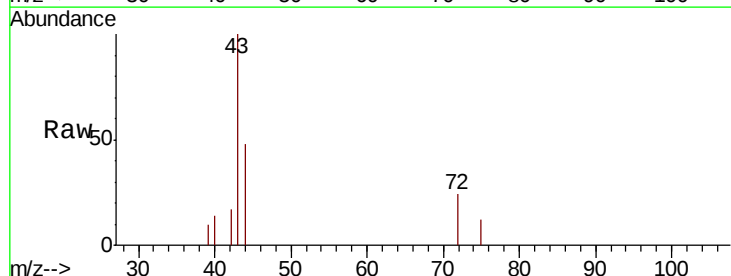


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

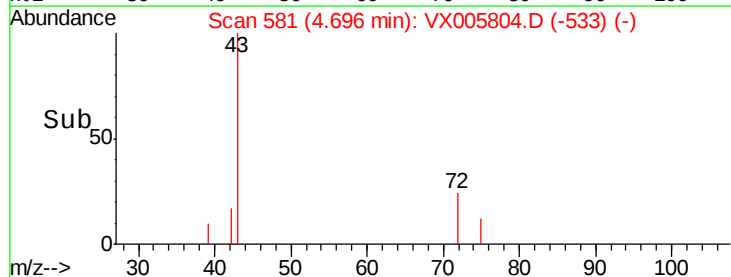
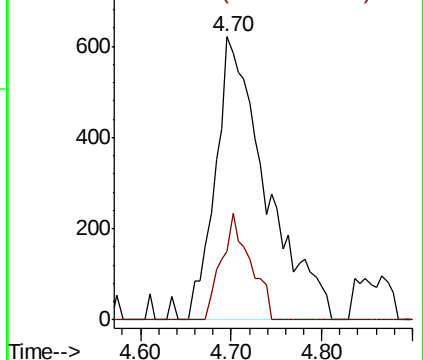


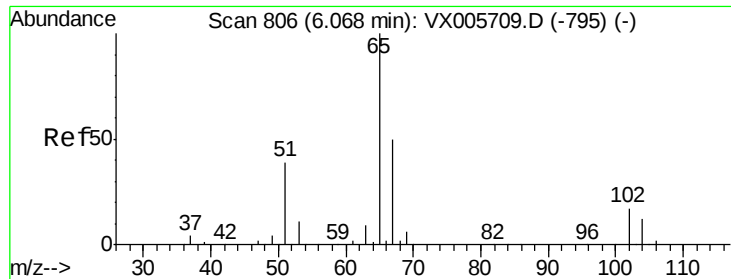
#25
2-Butanone
Concen: 1.043 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX005804.D
Acq: 06 Nov 2018 13:05

Tgt Ion: 43 Resp: 2416
Ion Ratio Lower Upper
43 100
72 24.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

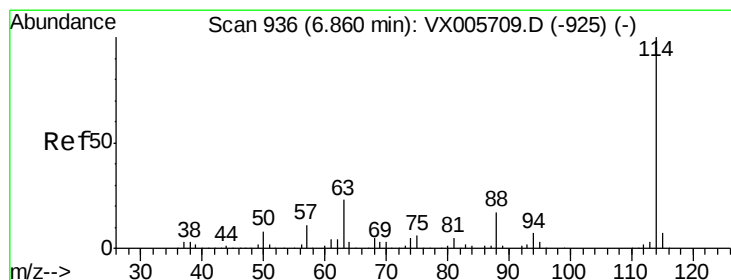
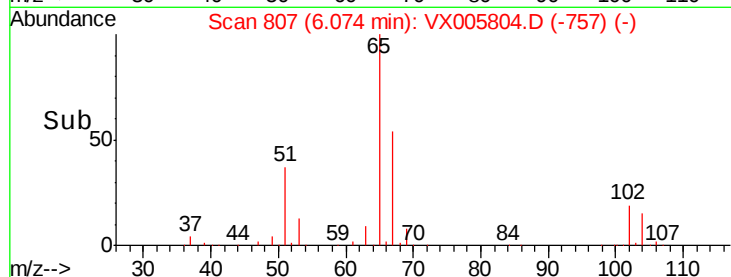
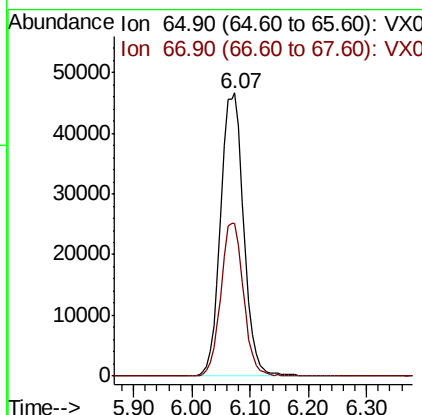
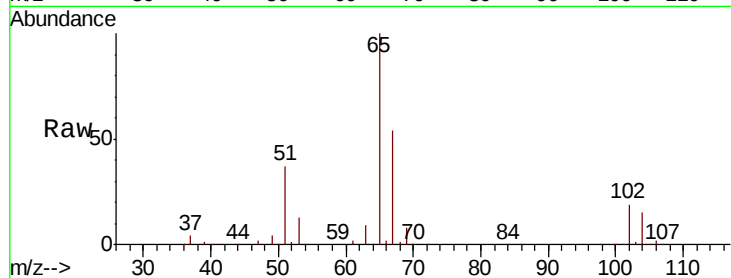




#33
 1,2-Dichloroethane-d4
 Concen: 46.623 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005804.D
 Acq: 06 Nov 2018 13:05

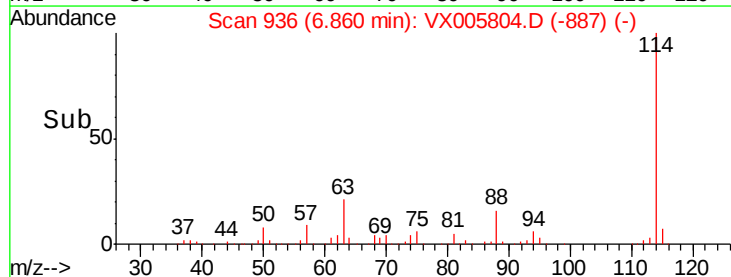
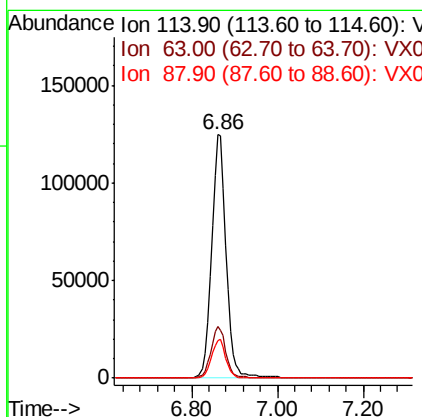
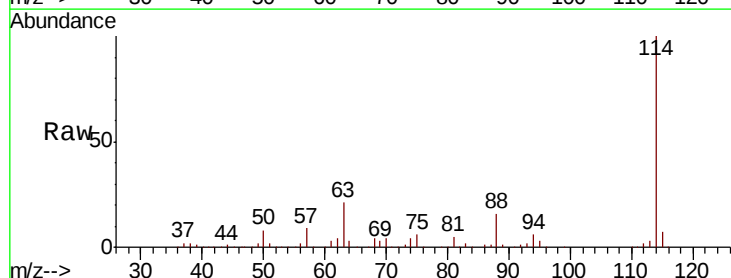
Instrument :
 MSVOA_X
 ClientSampled :
 PB114531TB

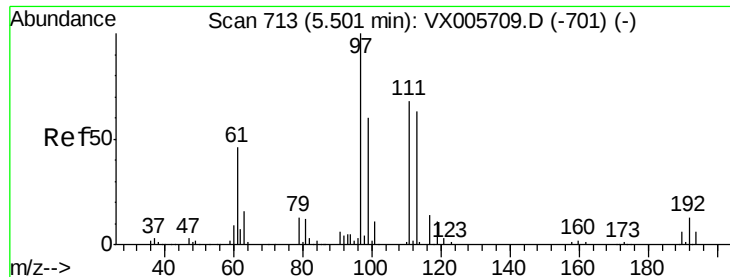
Tot Ion: 65 Resp: 127991
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005804.D
 Acq: 06 Nov 2018 13:05

Tgt Ion: 114 Resp: 297746
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.251 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005804.D

Acq: 06 Nov 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

PB114531TB

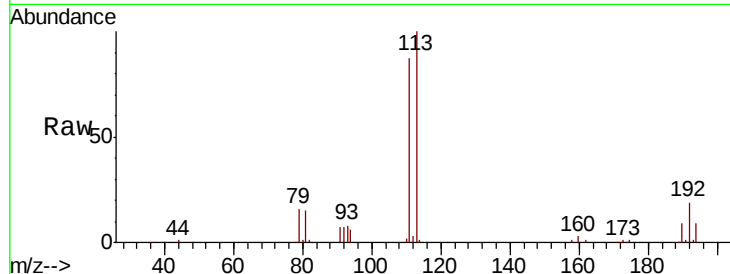
Tot Ion:113 Resp: 101536

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

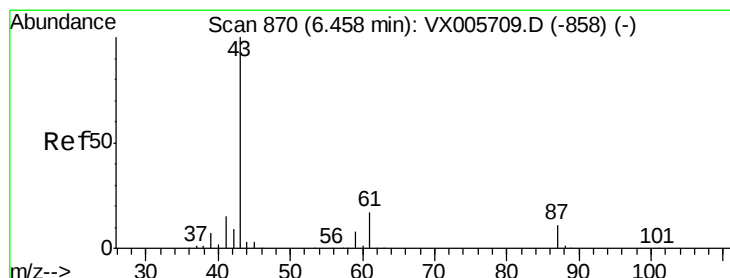
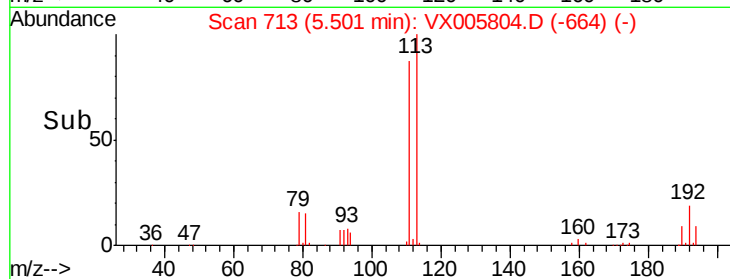
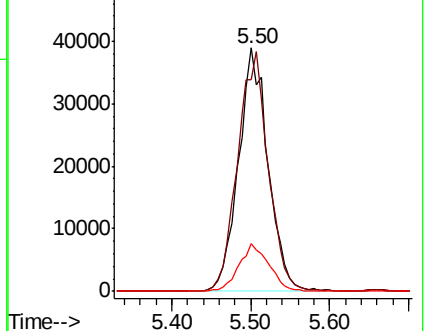
192 19.7 17.9 26.9



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: 25.624 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX005804.D

Acq: 06 Nov 2018 13:05

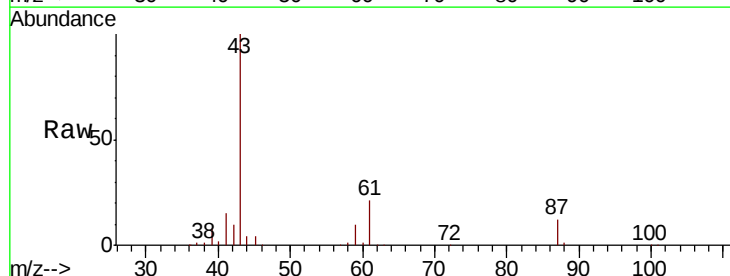
Tgt Ion: 43 Resp: 150516

Ion Ratio Lower Upper

43 100

61 21.1 14.6 22.0

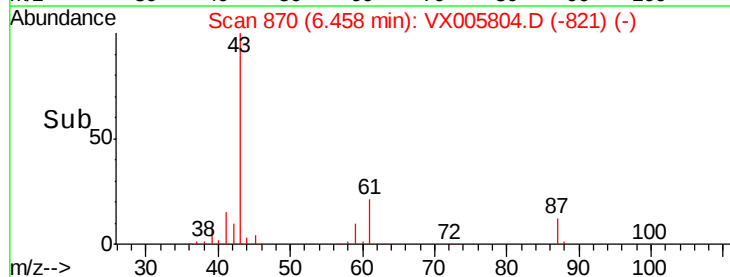
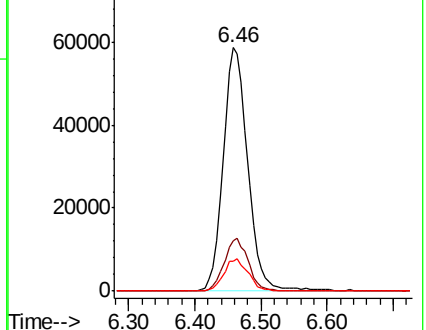
87 13.0 9.6 14.4

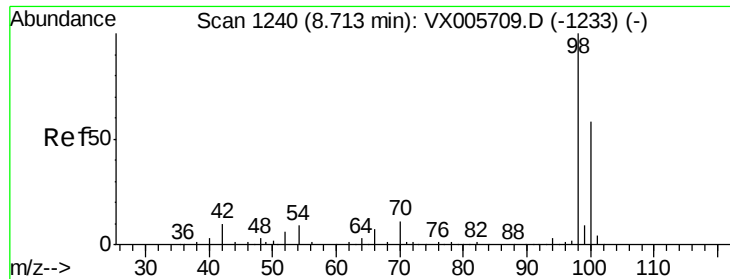


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.125 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005804.D

Acq: 06 Nov 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

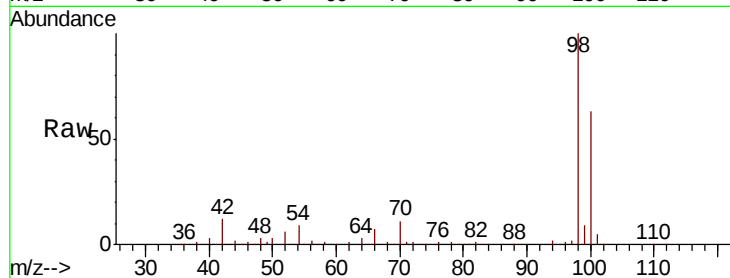
PB114531TB

Tot Ion: 98 Resp: 362439

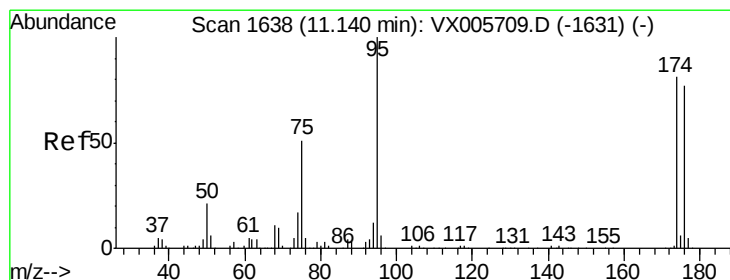
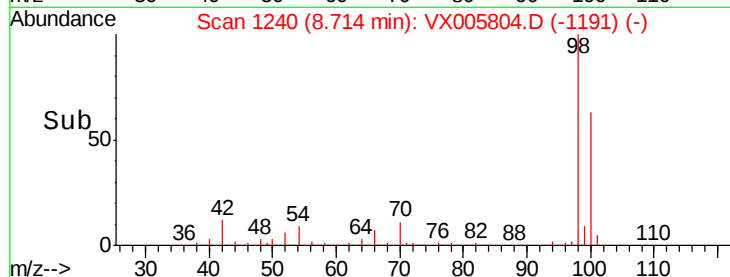
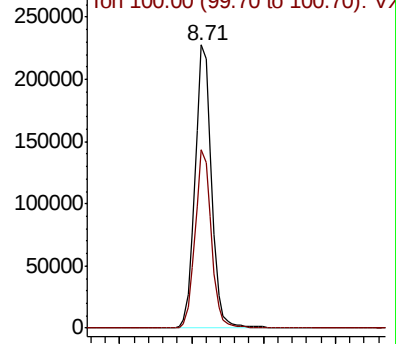
Ion Ratio Lower Upper

98 100

100 62.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX005709.D (-1233) (-)



#62

4-Bromofluorobenzene

Concen: 44.465 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005804.D

Acq: 06 Nov 2018 13:05

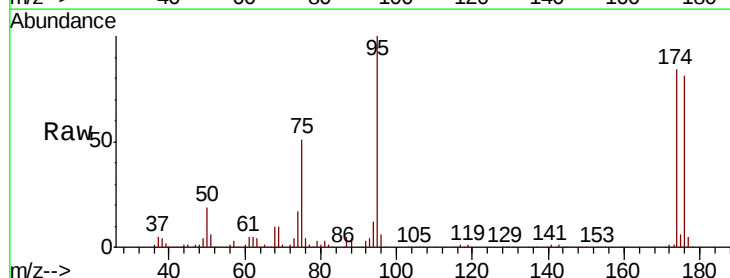
Tgt Ion: 95 Resp: 118662

Ion Ratio Lower Upper

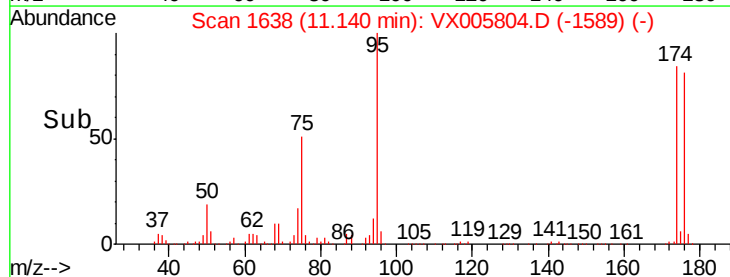
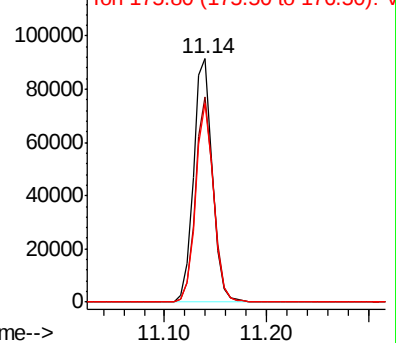
95 100

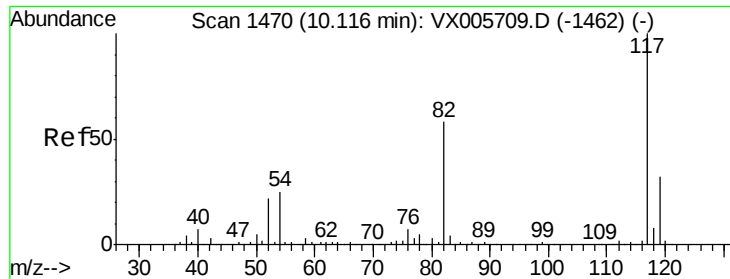
174 80.4 0.0 184.4

176 77.5 0.0 177.4



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

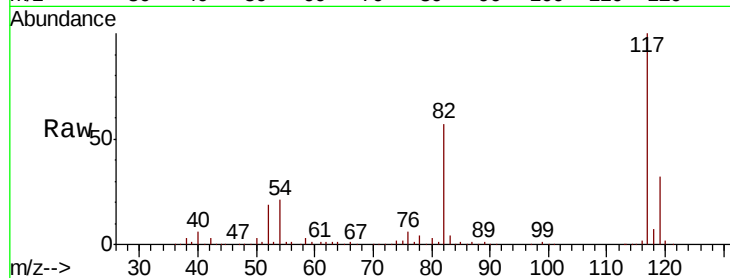




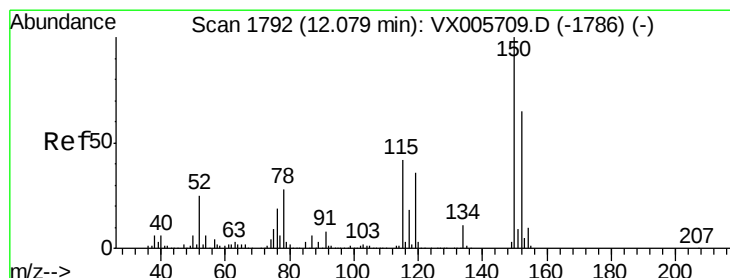
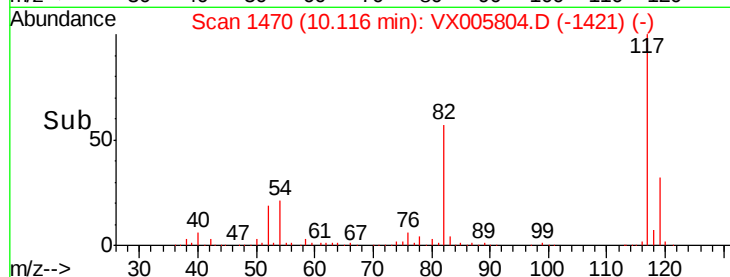
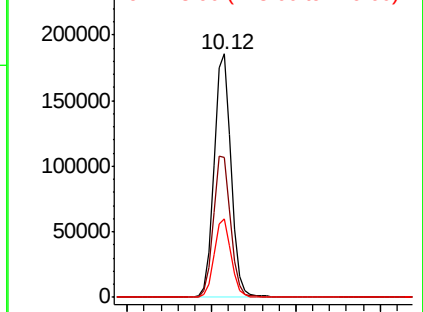
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005804.D
Acq: 06 Nov 2018 13:05

Instrument :
MSVOA_X
ClientSampled :
PB114531TB

Tot Ion:117 Resp: 260507
Ion Ratio Lower Upper
117 100
82 57.3 44.1 66.1
119 32.0 26.2 39.2

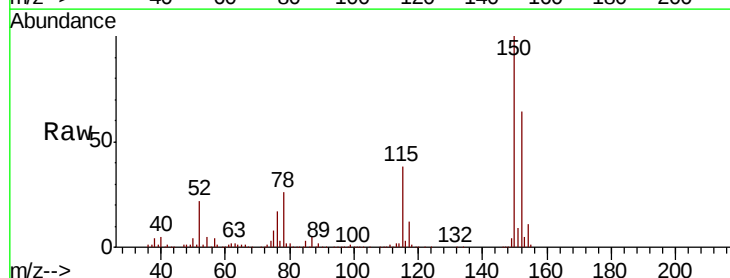


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005804.D
Acq: 06 Nov 2018 13:05

Tgt Ion:152 Resp: 117913
Ion Ratio Lower Upper
152 100
115 59.5 39.4 118.1
150 156.0 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

