

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005814.D
 Acq On : 06 Nov 2018 17:32
 Operator : JC/MD
 Sample : PB114531ZHE#09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531ZHE#09

Quant Time: Nov 07 09:28:58 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

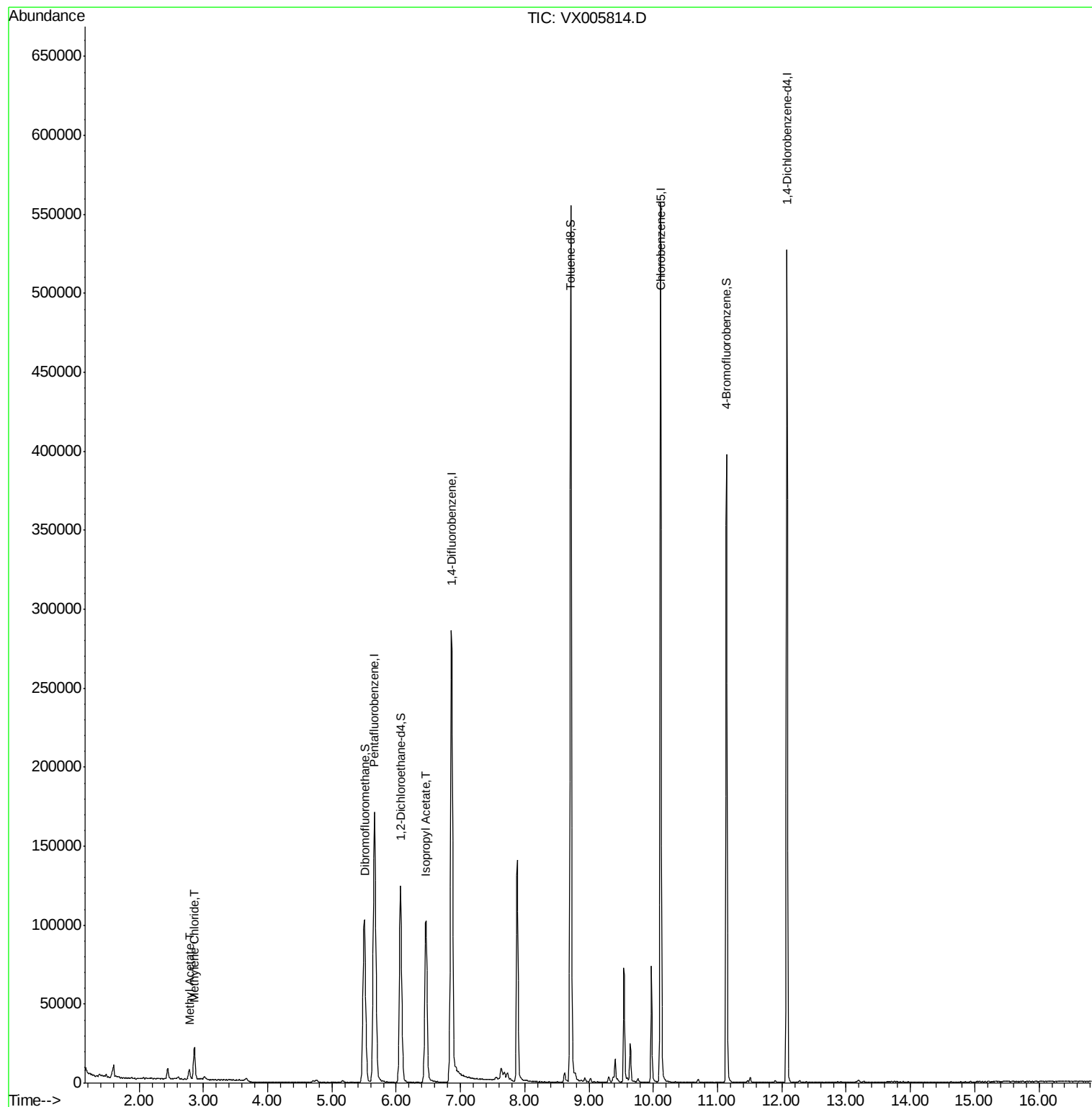
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	166281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	240242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119158	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
35) Dibromofluoromethane	5.50	113	90220	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
50) Toluene-d8	8.71	98	332798	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.14	95	102912	39.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.88%	
Target Compounds						
18) Methyl Acetate	2.78	43	7847	2.249	ug/l	94
20) Methylene Chloride	2.86	84	8953	4.271	ug/l #	89
43) Isopropyl Acetate	6.46	43	139345	24.569	ug/l	97

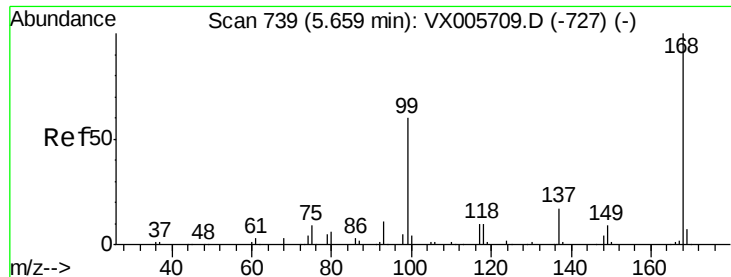
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005814.D

Acq: 06 Nov 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

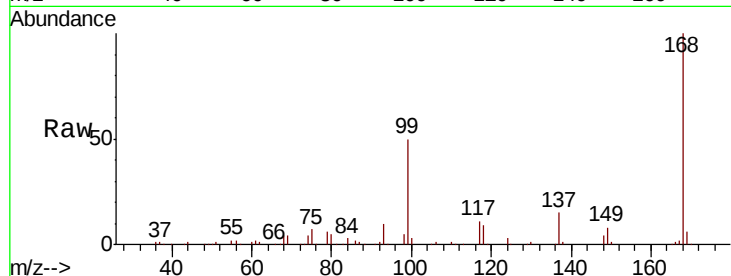
PB114531ZHE#09

Tot Ion:168 Resp: 166281

Ion Ratio Lower Upper

168 100

99 50.4 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

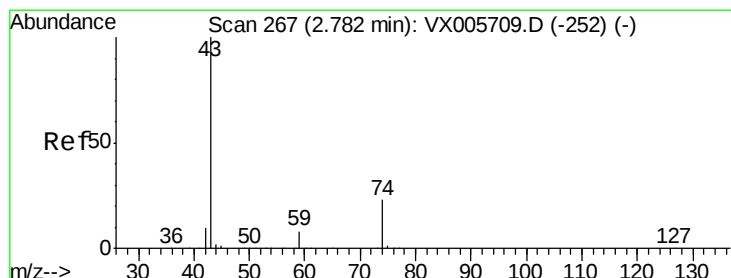
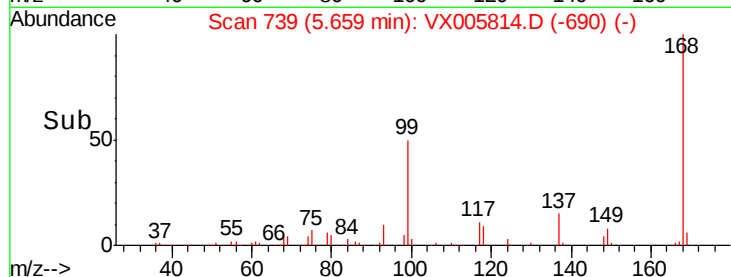
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 2.249 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005814.D

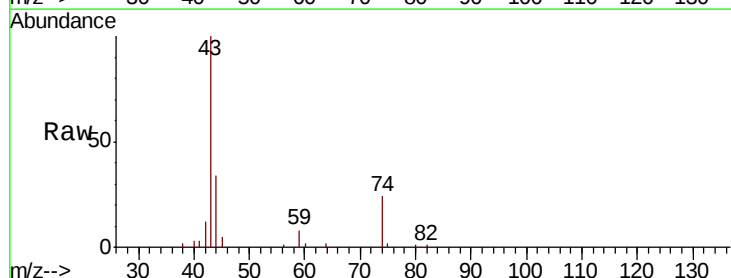
Acq: 06 Nov 2018 17:32

Tgt Ion: 43 Resp: 7847

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

4000

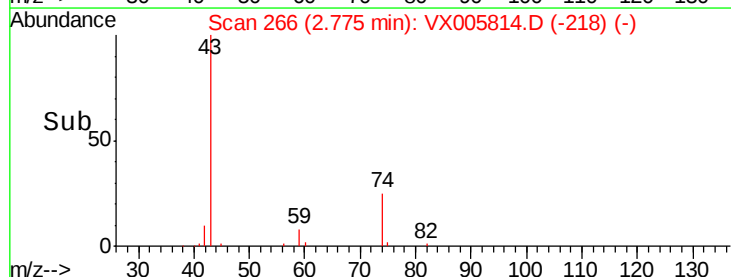
3000

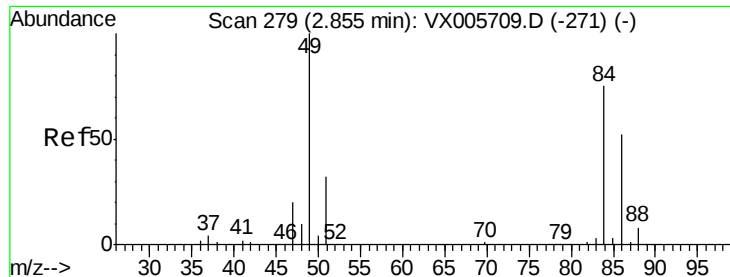
2000

1000

0

Time--> 2.70 2.75 2.80 2.85

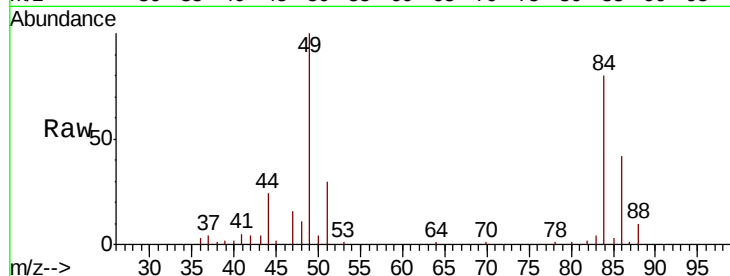




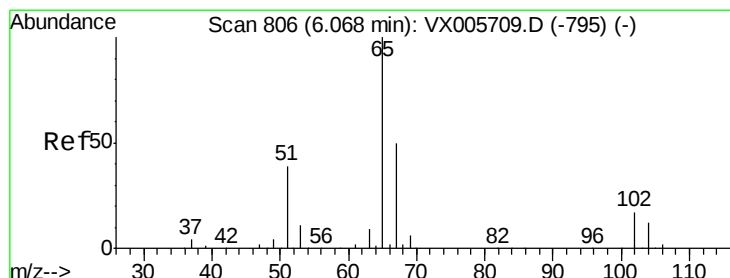
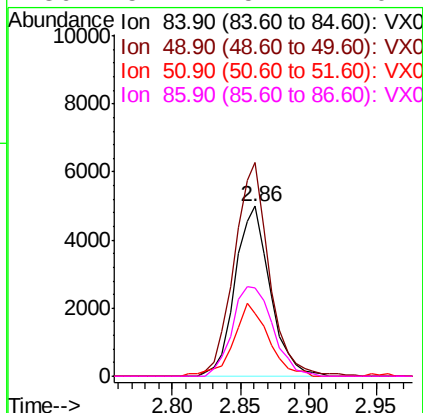
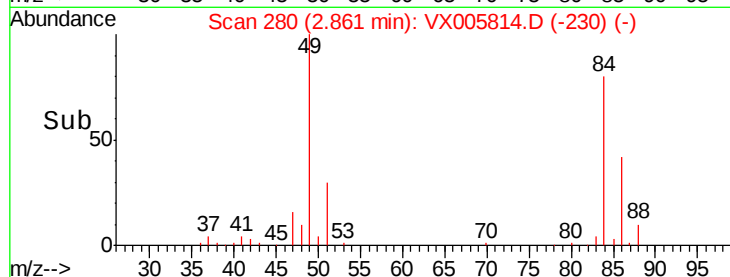
#20
Methylene Chloride
Concen: 4.271 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005814.D
Acq: 06 Nov 2018 17:32

Instrument :
MSVOA_X
ClientSampleId :
PB114531ZHE#09

Tot Ion: 84 Resp: 8953
Ion Ratio Lower Upper
84 100
49 125.7 109.5 164.3
51 37.3 33.3 49.9
86 52.2 52.7 79.1#

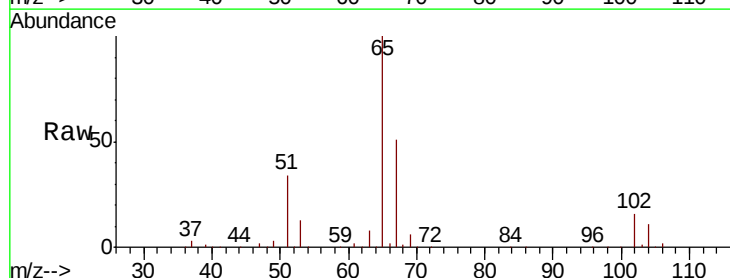


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

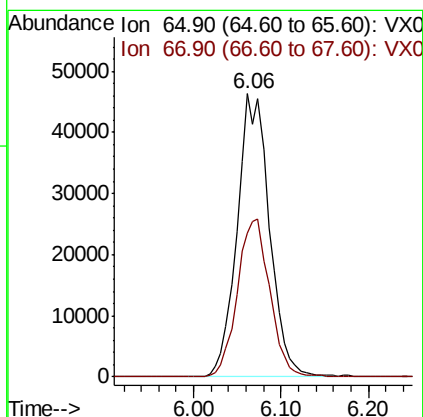
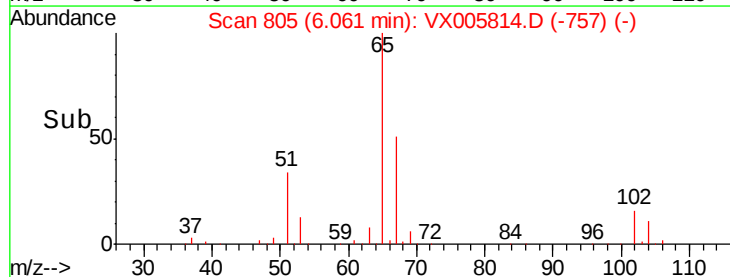


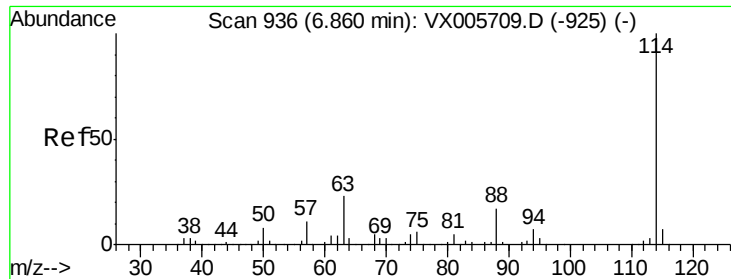
#33
1,2-Dichloroethane-d4
Concen: 49.015 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005814.D
Acq: 06 Nov 2018 17:32

Tgt Ion: 65 Resp: 119158
Ion Ratio Lower Upper
65 100
67 56.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

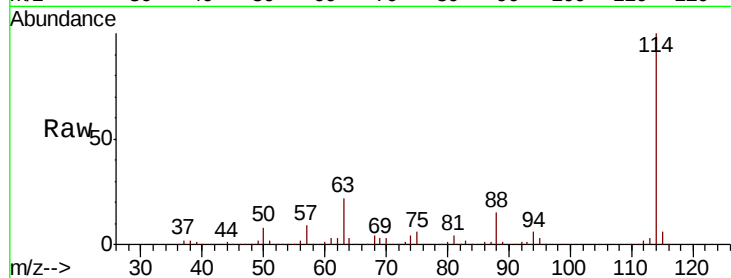




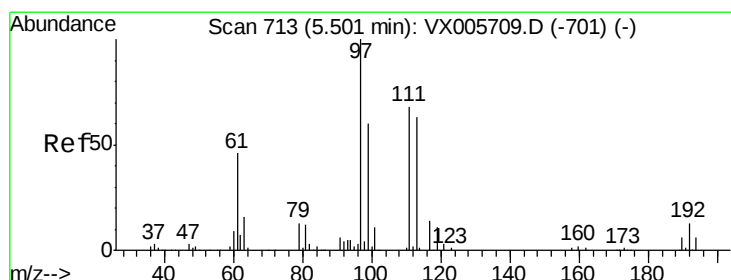
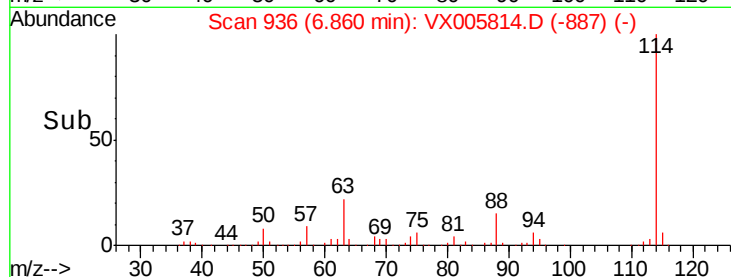
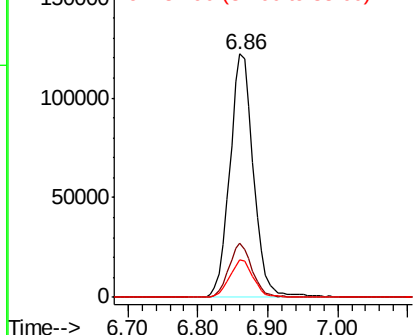
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005814.D
Acq: 06 Nov 2018 17:32

Instrument :
MSVOA_X
ClientSampleId :
PB114531ZHE#09

Tot Ion:114 Resp: 287488
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.8
88 15.2 0.0 31.2

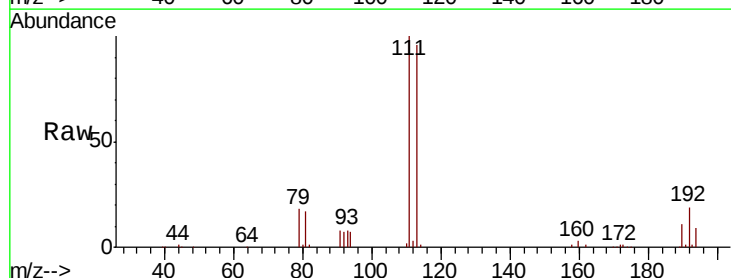


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

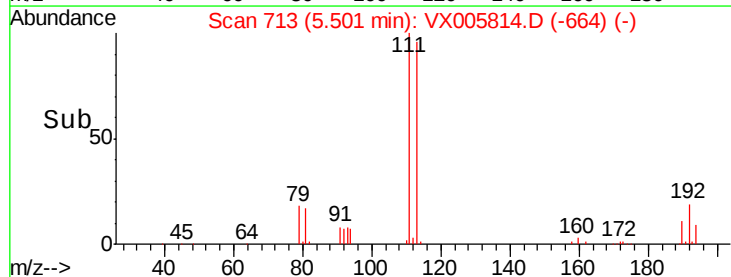
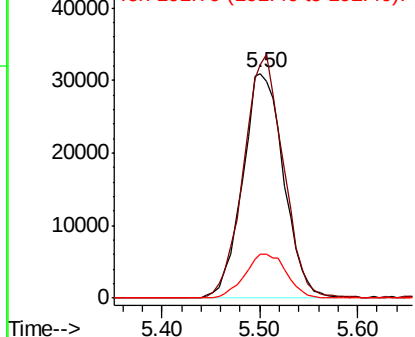


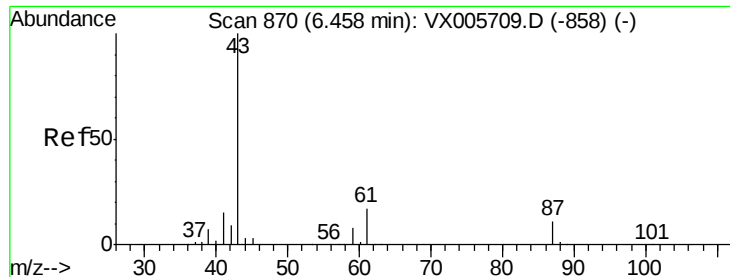
#35
Dibromofluoromethane
Concen: 45.323 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005814.D
Acq: 06 Nov 2018 17:32

Tgt Ion:113 Resp: 90220
Ion Ratio Lower Upper
113 100
111 105.0 82.3 123.5
192 19.9 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



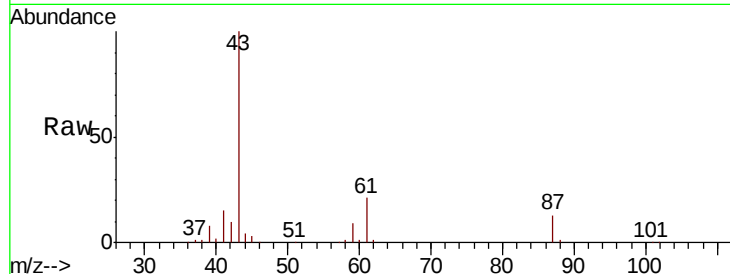


#43

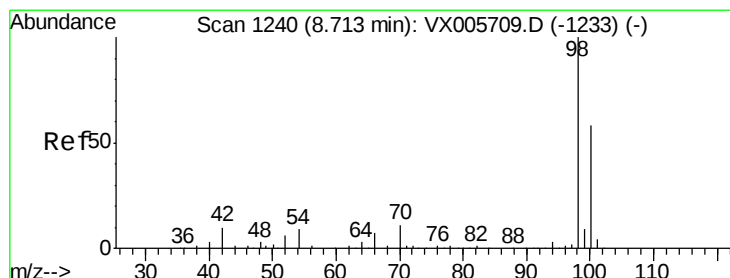
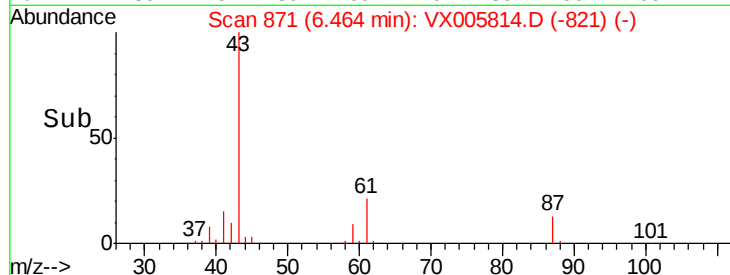
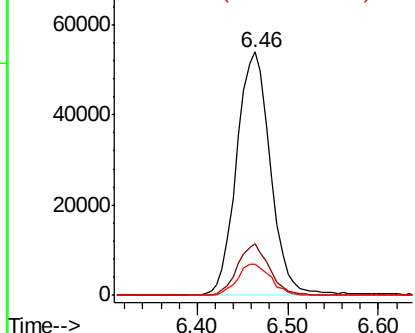
Isopropyl Acetate
 Concen: 24.569 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005814.D
 Acq: 06 Nov 2018 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531ZHE#09

Tot Ion: 43 Resp: 139345
 Ion Ratio Lower Upper
 43 100
 61 20.0 14.6 22.0
 87 12.9 9.6 14.4



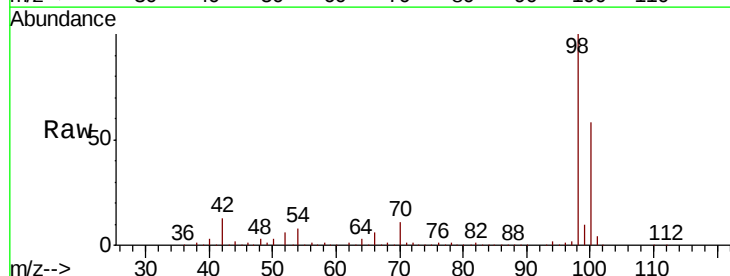
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



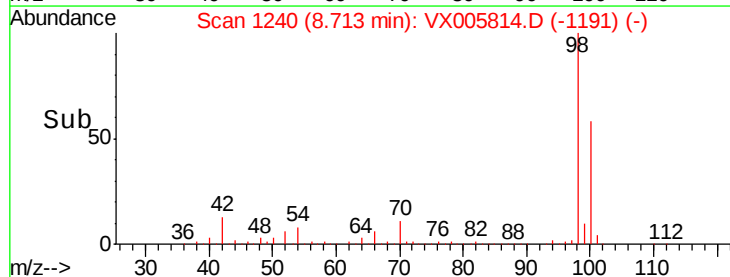
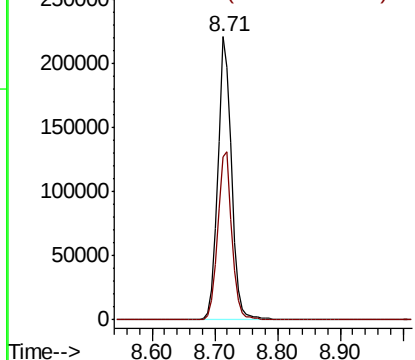
#50

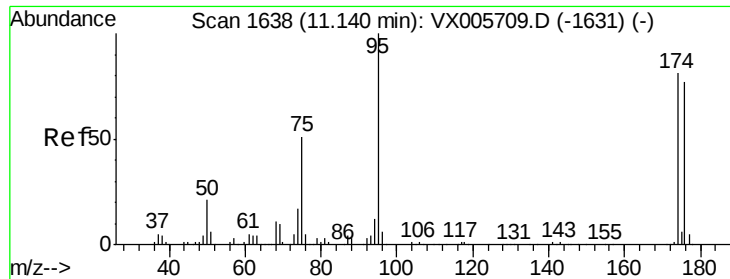
Toluene-d8
 Concen: 47.668 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005814.D
 Acq: 06 Nov 2018 17:32

Tgt Ion: 98 Resp: 332798
 Ion Ratio Lower Upper
 98 100
 100 61.4 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: 39.939 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005814.D

Acq: 06 Nov 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#09

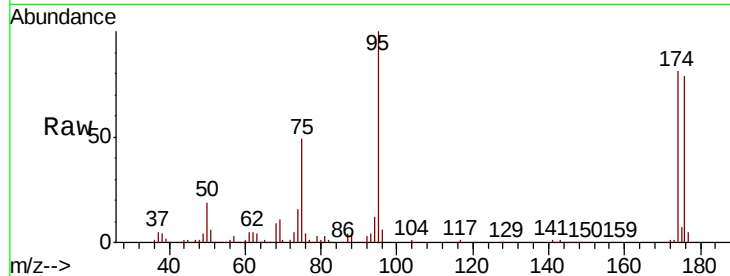
Tot Ion: 95 Resp: 102912

Ion Ratio Lower Upper

95 100

174 80.5 0.0 184.4

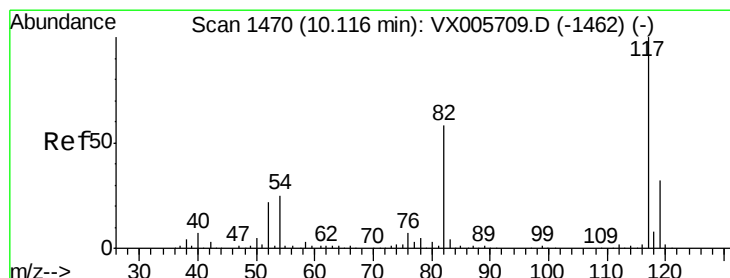
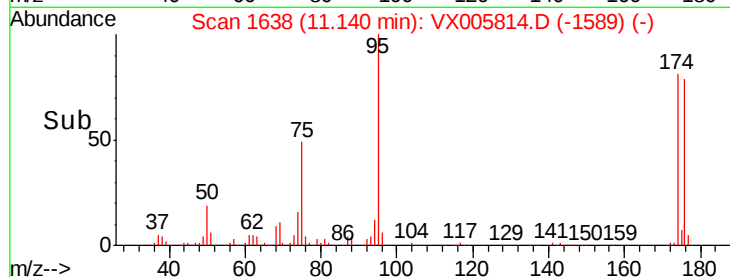
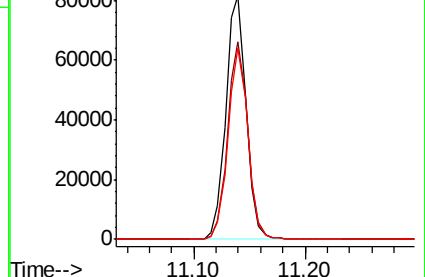
176 77.0 0.0 177.4



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: VX005814.D

Acq: 06 Nov 2018 17:32

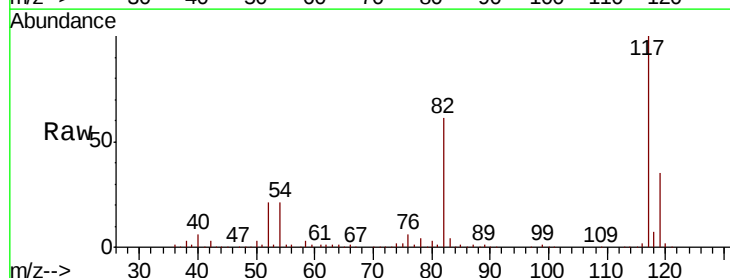
Tgt Ion: 117 Resp: 240242

Ion Ratio Lower Upper

117 100

82 60.9 44.1 66.1

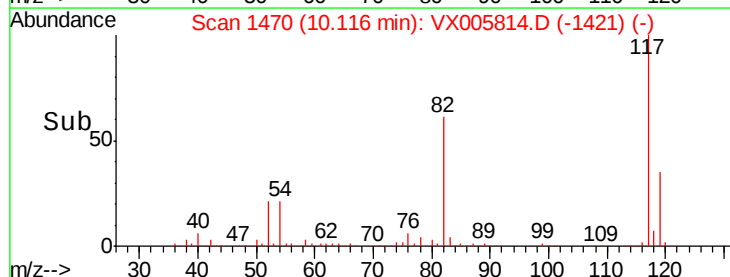
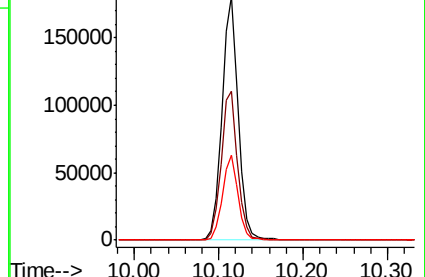
119 34.8 26.2 39.2

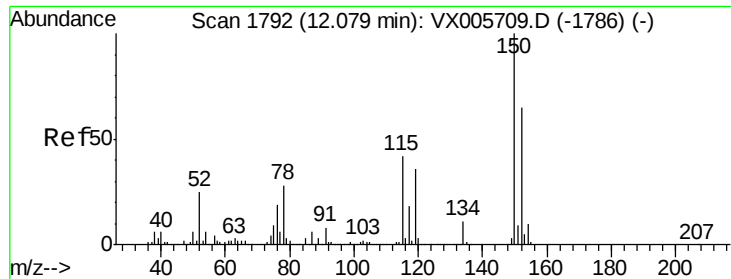


Abundance Ion 116.90 (116.60 to 117.60): VX005709.D (-1462) (-)

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: VX005814.D

Acq: 06 Nov 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#09

Tot Ion:152 Resp: 100582

Ion Ratio Lower Upper

152 100

115 60.1 39.4 118.1

150 158.9 0.0 346.4

