

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005561.D
 Acq On : 25 Oct 2018 00:58
 Operator : JC/MD
 Sample : J5198-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-102318-A

Quant Time: Oct 25 06:39:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

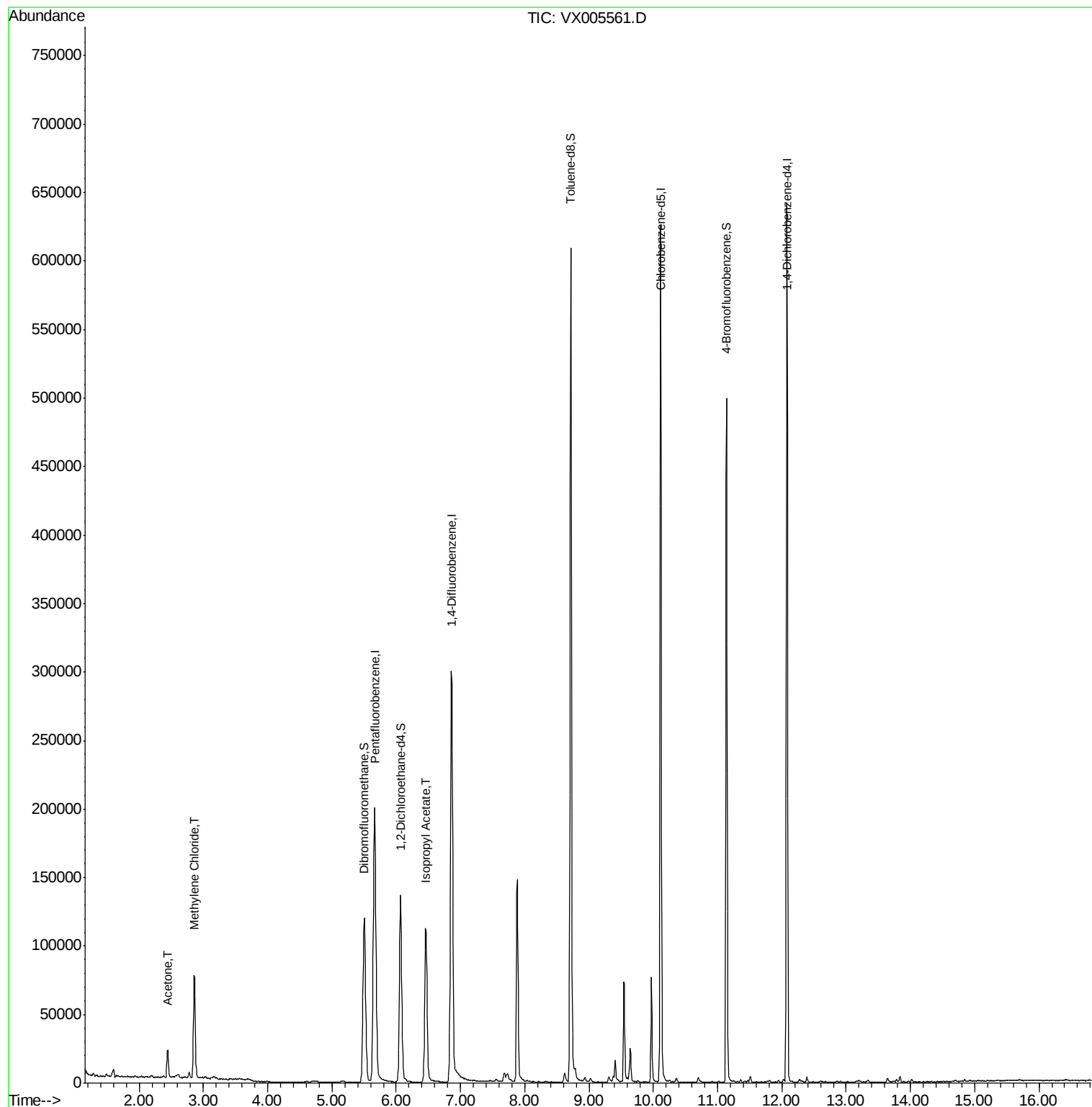
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	312565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131990	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	130290	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
35) Dibromofluoromethane	5.50	113	102038	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	379499	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.14	95	123538	43.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.04%	
Target Compounds						
16) Acetone	2.45	43	21672	16.289	ug/l	99
20) Methylene Chloride	2.86	84	33955	15.238	ug/l	98
43) Isopropyl Acetate	6.46	43	154357	26.612	ug/l	94

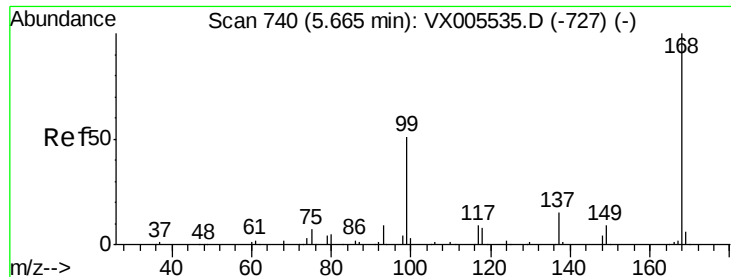
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005561.D

Acq: 25 Oct 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

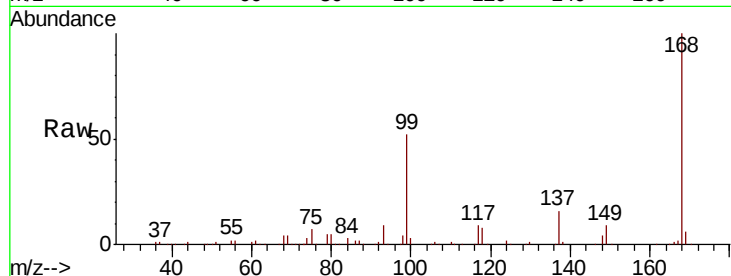
CL-01-102318-A

Tot Ion:168 Resp: 206270

Ion Ratio Lower Upper

168 100

99 52.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

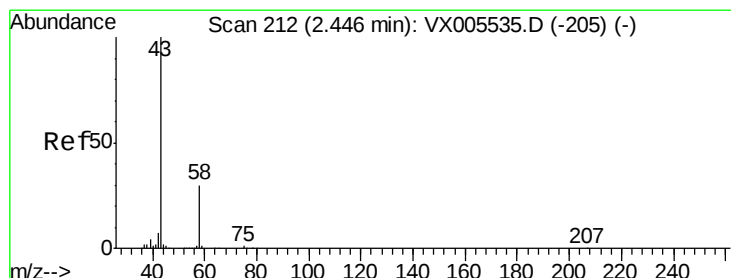
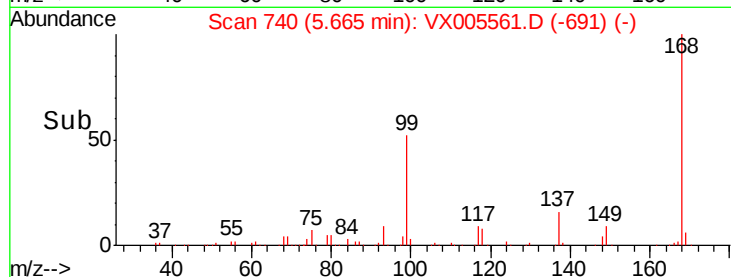
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 16.289 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005561.D

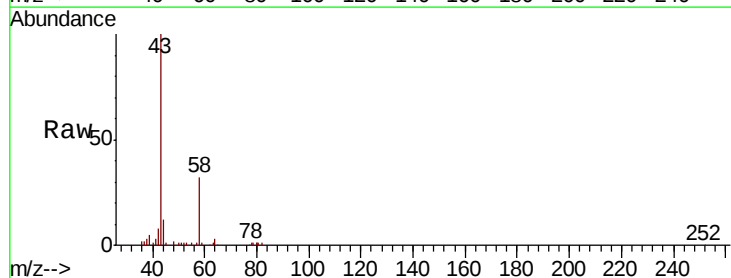
Acq: 25 Oct 2018 00:58

Tgt Ion: 43 Resp: 21672

Ion Ratio Lower Upper

43 100

58 32.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

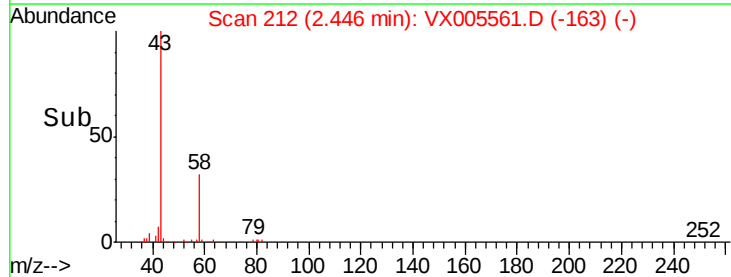
10000

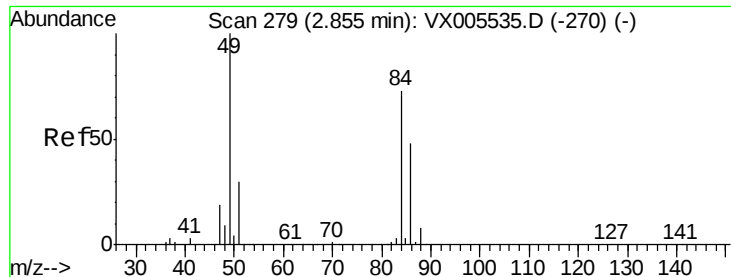
5000

0

Time-->

2.40 2.45 2.50

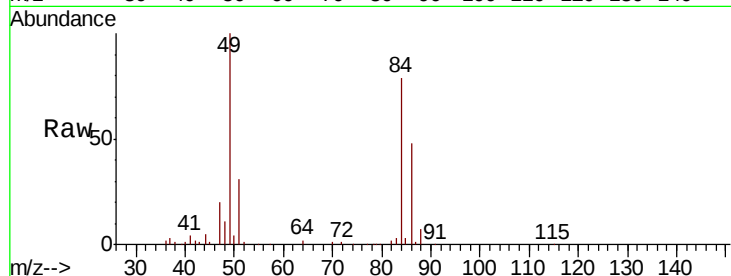




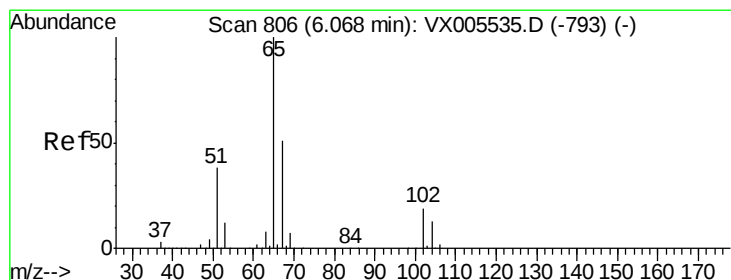
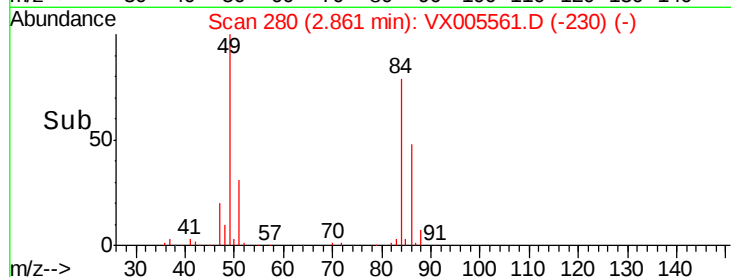
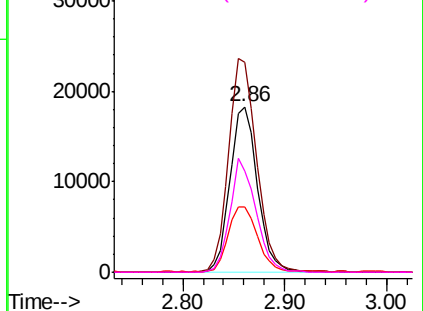
#20
Methvlene Chloride
Concen: 15.238 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005561.D
Acq: 25 Oct 2018 00:58

Instrument :
MSVOA_X
ClientSampleId :
CL-01-102318-A

Tot Ion: 84 Resp: 33955
Ion Ratio Lower Upper
84 100
49 126.5 101.2 151.8
51 39.4 29.5 44.3
86 61.2 52.3 78.5

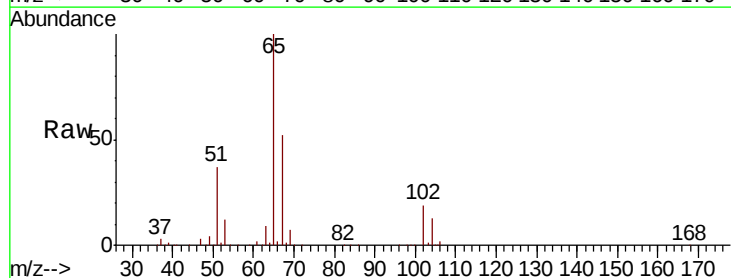


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

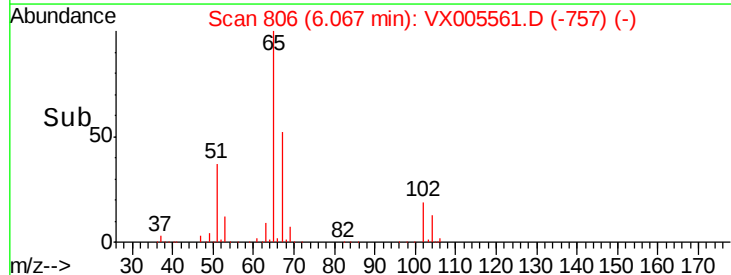
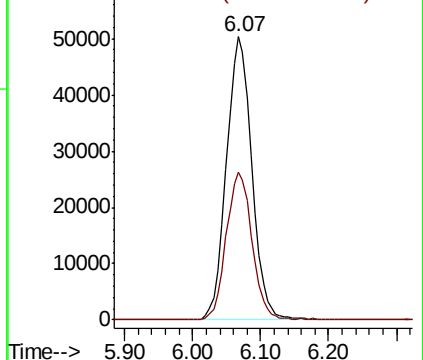


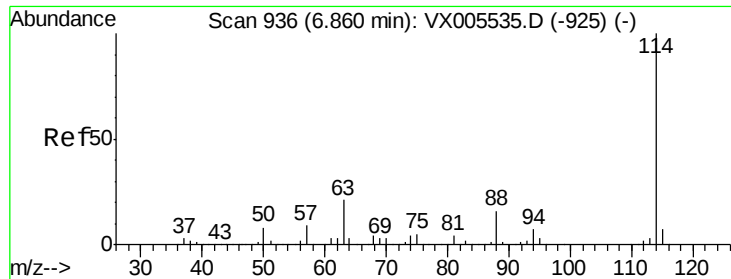
#33
1,2-Dichloroethane-d4
Concen: 51.745 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005561.D
Acq: 25 Oct 2018 00:58

Tgt Ion: 65 Resp: 130290
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.8



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

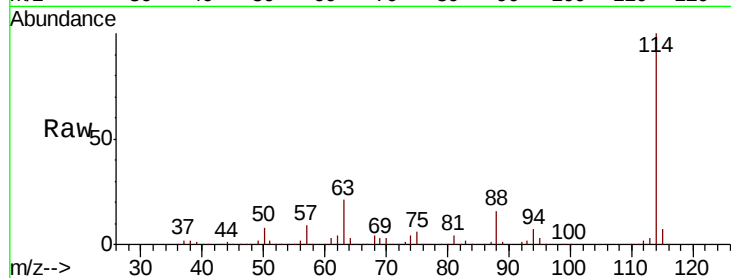




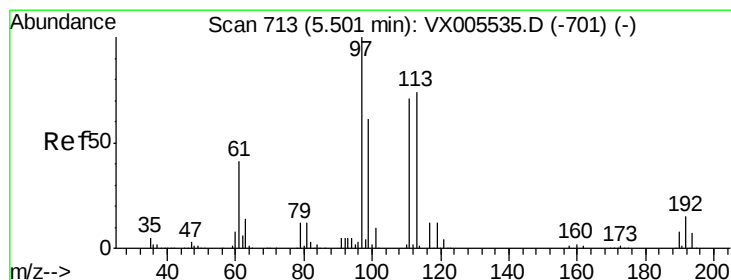
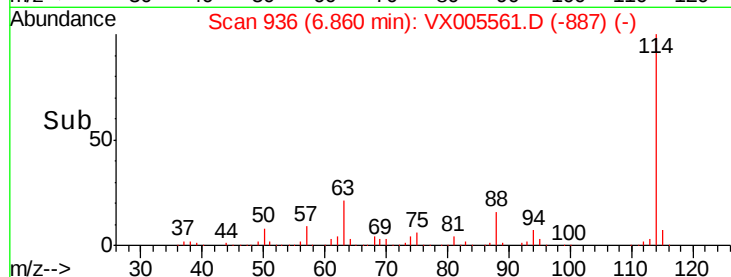
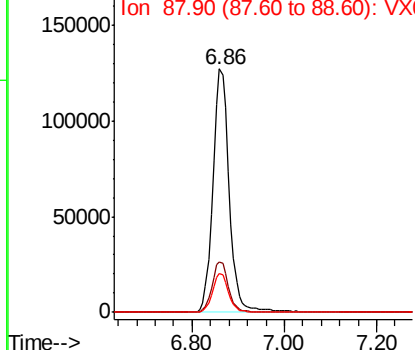
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005561.D
 Acq: 25 Oct 2018 00:58

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-102318-A

Tot Ion:114 Resp: 312565
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.0
 88 15.9 0.0 30.4

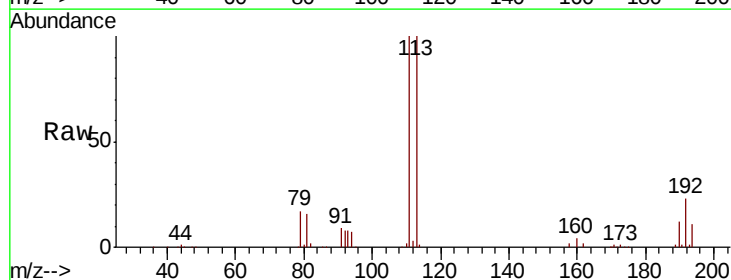


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

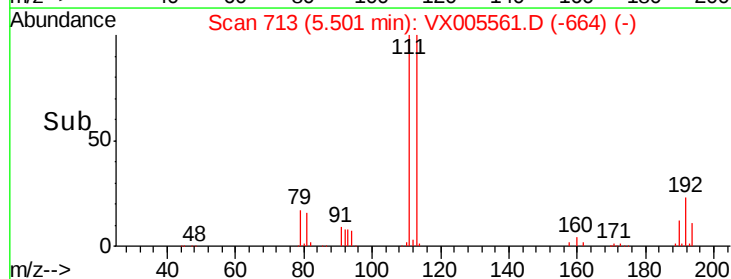
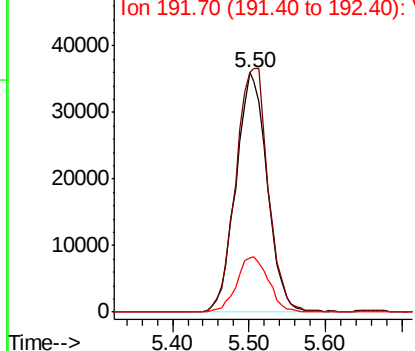


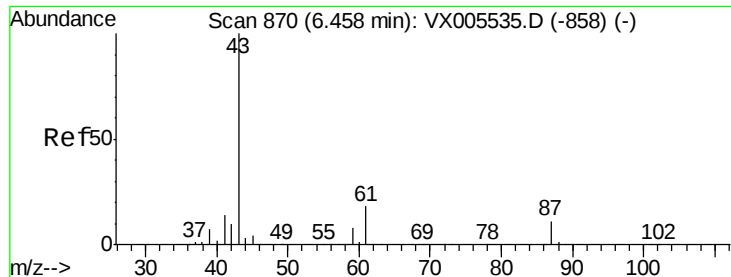
#35
 Dibromofluoromethane
 Concen: 48.212 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005561.D
 Acq: 25 Oct 2018 00:58

Tgt Ion:113 Resp: 102038
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.4 123.6
 192 23.7 19.4 29.2



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: 26.612 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005561.D

Acq: 25 Oct 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

CL-01-102318-A

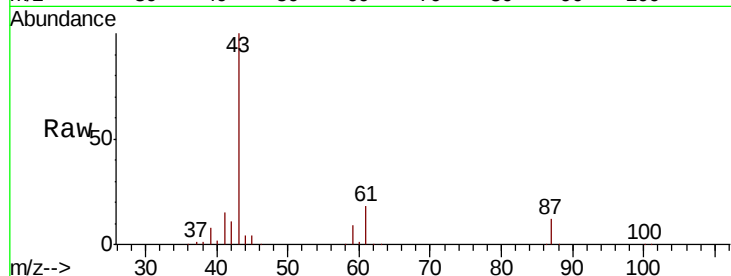
Tot Ion: 43 Resp: 154357

Ion Ratio Lower Upper

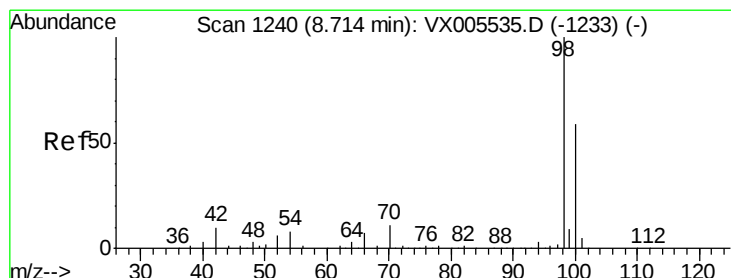
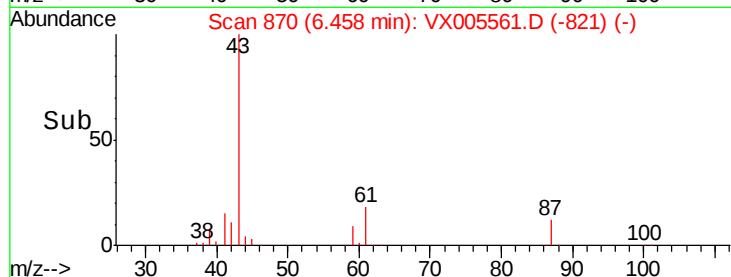
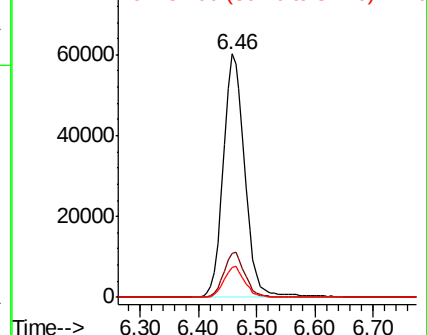
43 100

61 18.2 17.0 25.4

87 12.2 11.4 17.2



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: 49.903 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005561.D

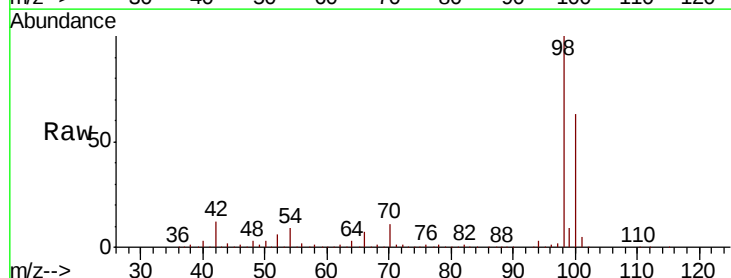
Acq: 25 Oct 2018 00:58

Tgt Ion: 98 Resp: 379499

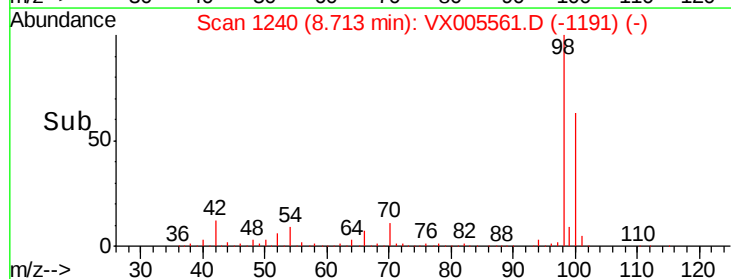
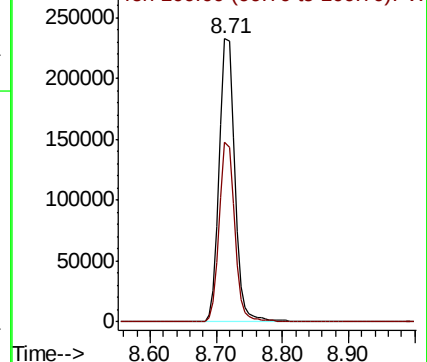
Ion Ratio Lower Upper

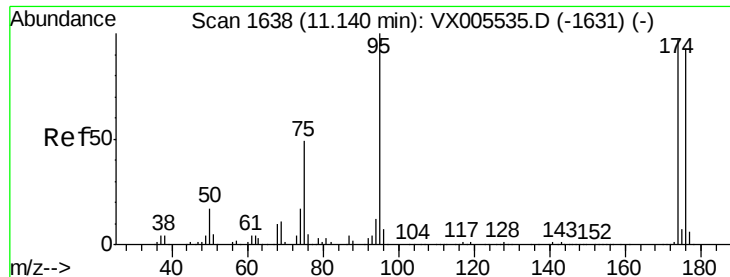
98 100

100 62.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.016 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005561.D

Acq: 25 Oct 2018 00:58

Instrument :

MSVOA_X

ClientSampleId :

CL-01-102318-A

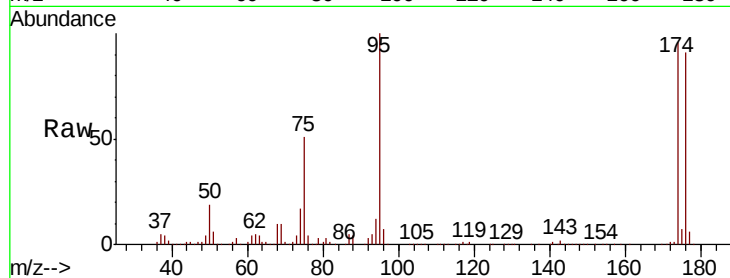
Tot Ion: 95 Resp: 123538

Ion Ratio Lower Upper

95 100

174 94.0 0.0 185.2

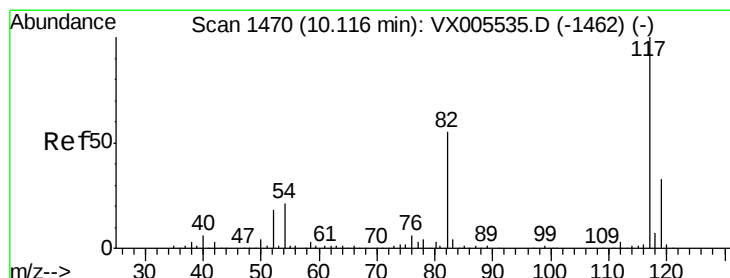
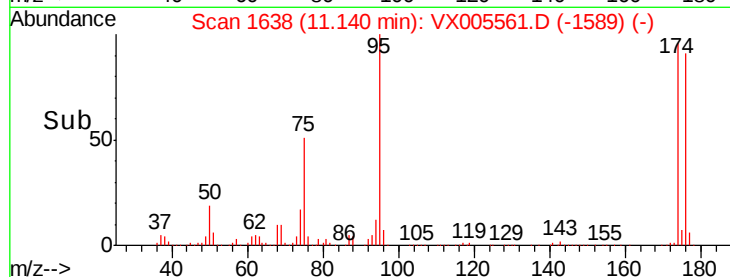
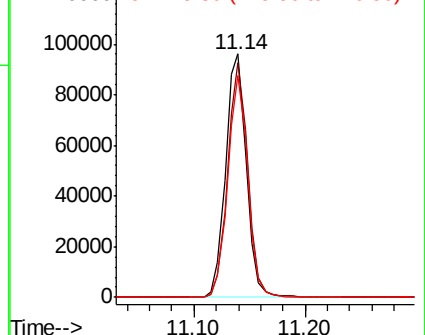
176 88.8 0.0 178.6



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: VX005561.D

Acq: 25 Oct 2018 00:58

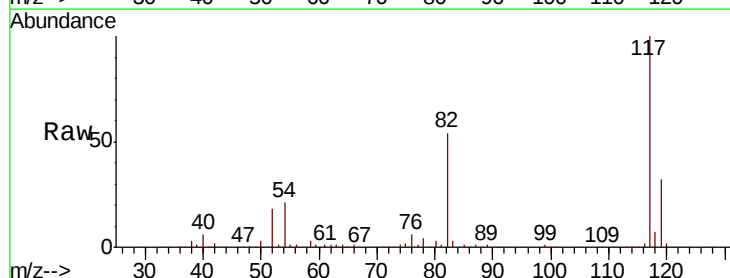
Tgt Ion: 117 Resp: 287859

Ion Ratio Lower Upper

117 100

82 54.1 47.8 71.6

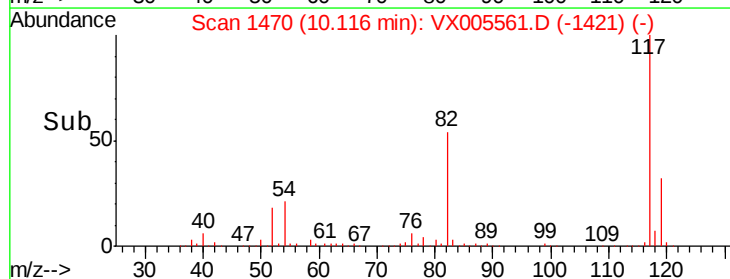
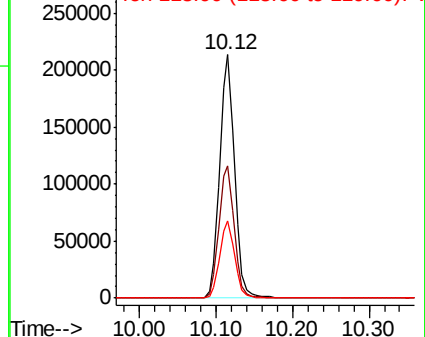
119 31.9 29.3 43.9

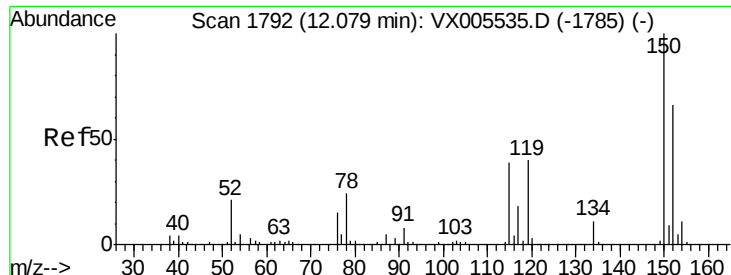


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX005561.D

Acq: 25 Oct 2018 00:58

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CL-01-102318-A

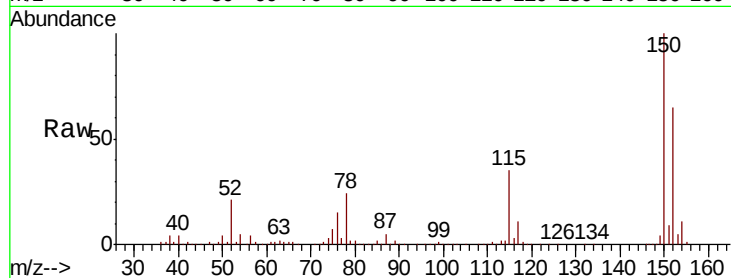
Tot Ion:152 Resp: 131990

Ion Ratio Lower Upper

152 100

115 55.7 39.0 117.0

150 156.6 0.0 351.0



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

