

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004931.D
 Acq On : 02 Oct 2018 20:48
 Operator : JC/MD
 Sample : PB113364ZHE#08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#08

Quant Time: Oct 03 06:51:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

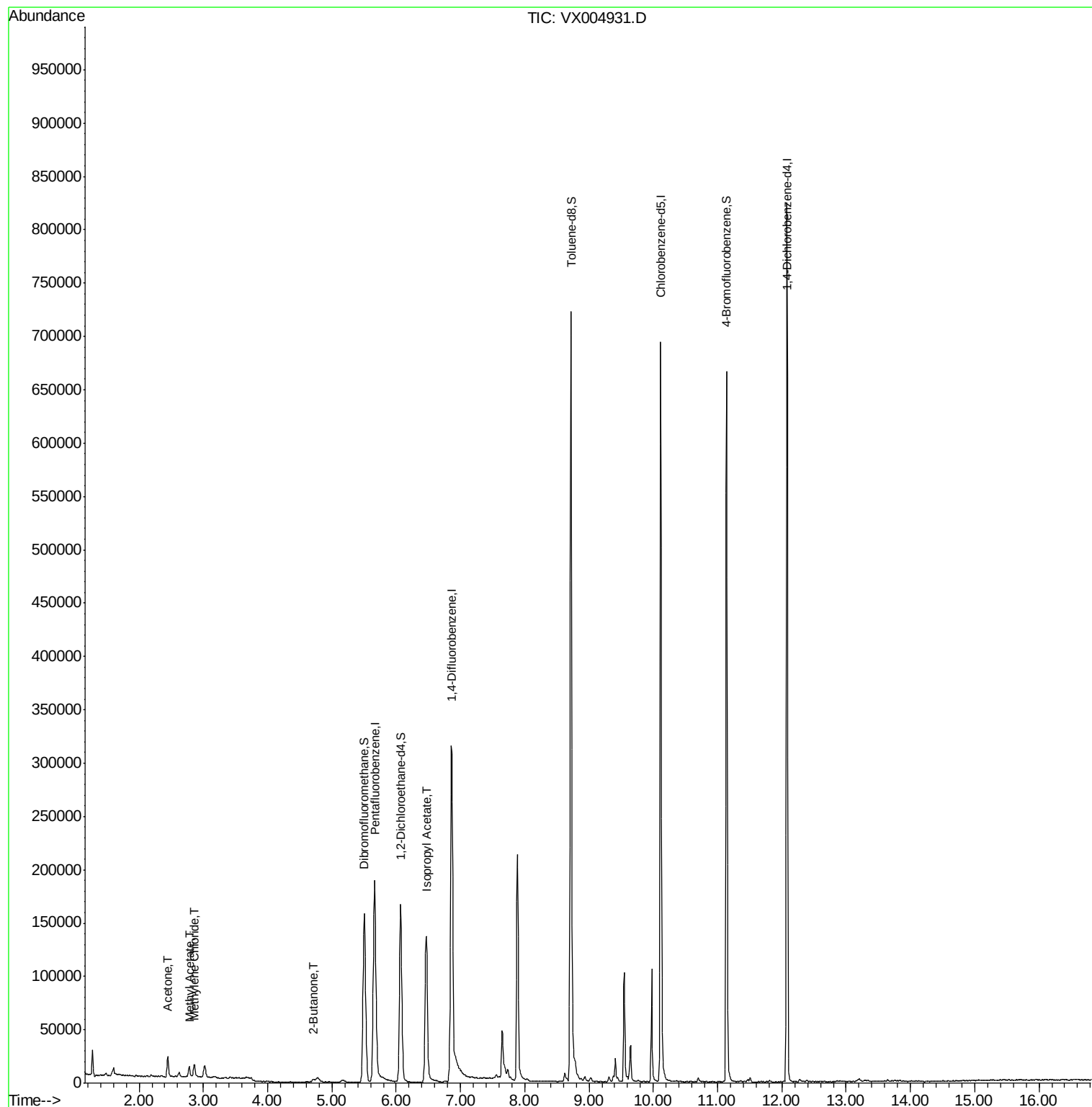
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	202498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158199	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
35) Dibromofluoromethane	5.51	113	134860	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	8.72	98	492049	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.14	95	169048	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
Target Compounds						
16) Acetone	2.45	43	20015	11.852	ug/l	98
18) Methyl Acetate	2.78	43	12623	2.950	ug/l	100
20) Methylene Chloride	2.85	84	5119	1.267	ug/l #	85
25) 2-Butanone	4.71	43	4738	1.903	ug/l #	88
43) Isopropyl Acetate	6.46	43	194788	26.082	ug/l	98

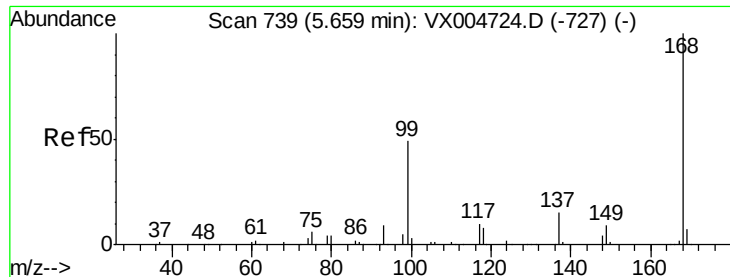
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 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: VX004931.D

Acq: 02 Oct 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

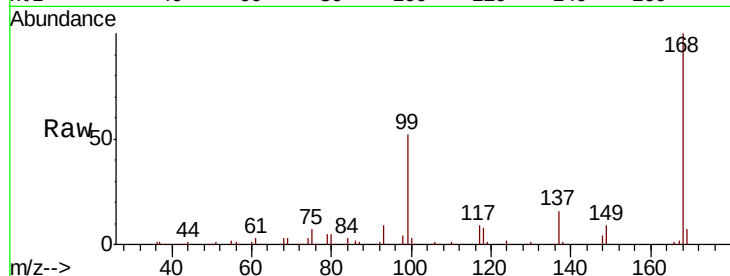
PB113364ZHE#08

Tot Ion:168 Resp: 202498

Ion Ratio Lower Upper

168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

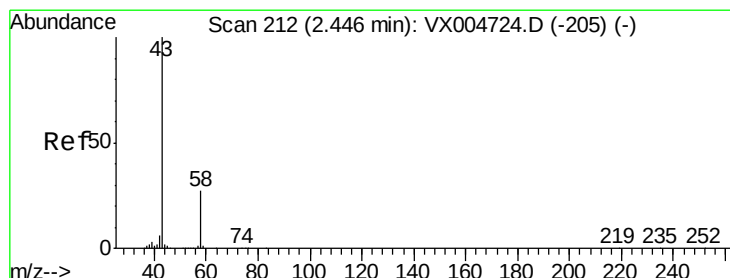
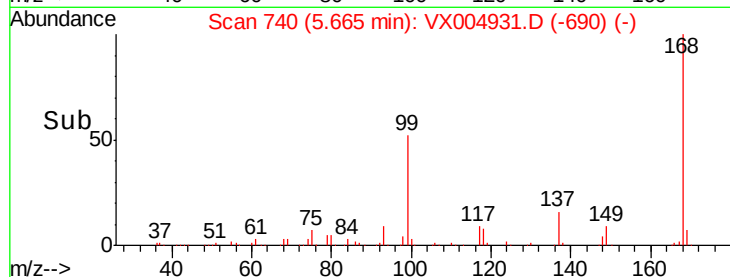
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 11.852 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004931.D

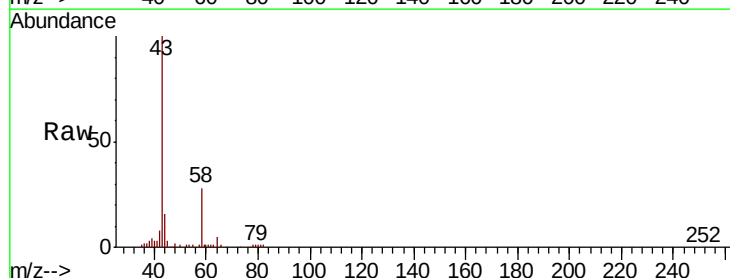
Acq: 02 Oct 2018 20:48

Tgt Ion: 43 Resp: 20015

Ion Ratio Lower Upper

43 100

58 28.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

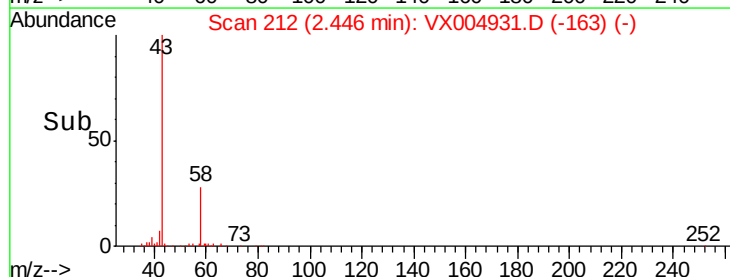
10000

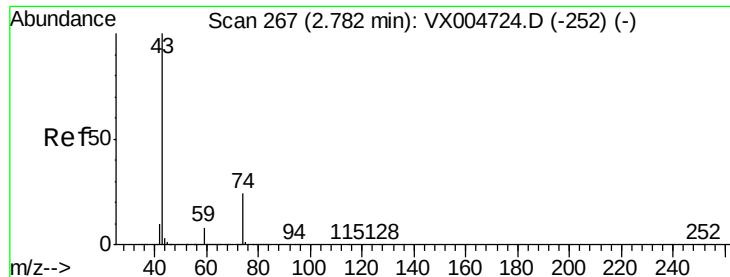
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55

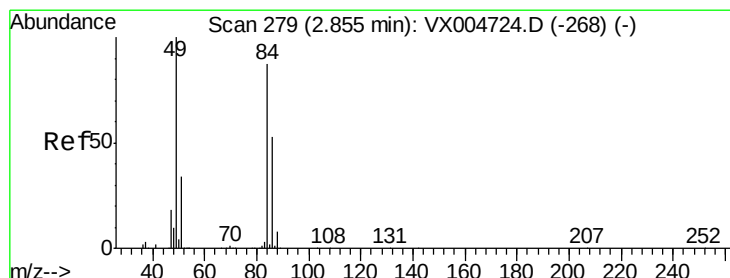
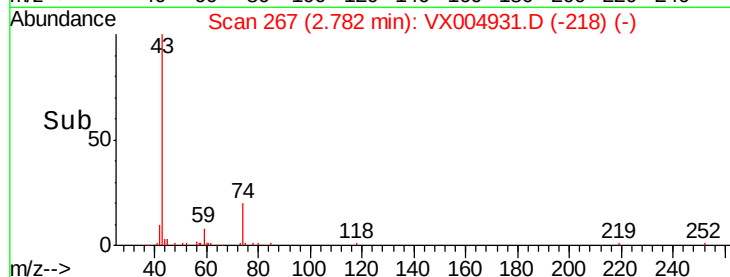
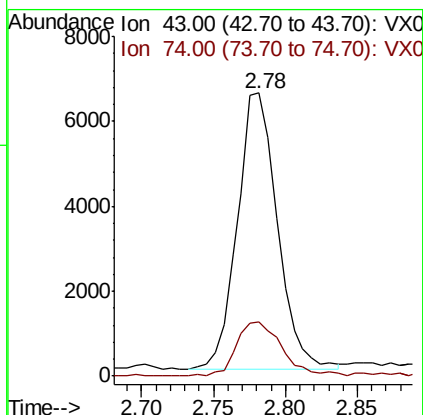
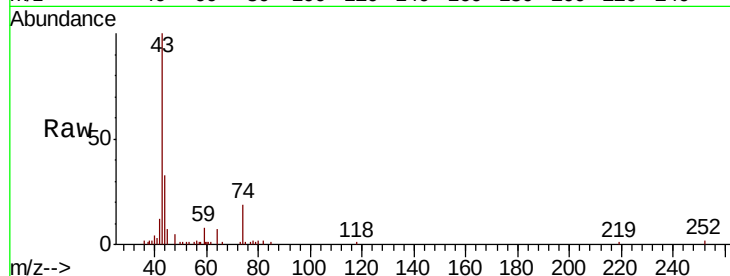




#18
Methvl Acetate
Concen: 2.950 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004931.D
Acq: 02 Oct 2018 20:48

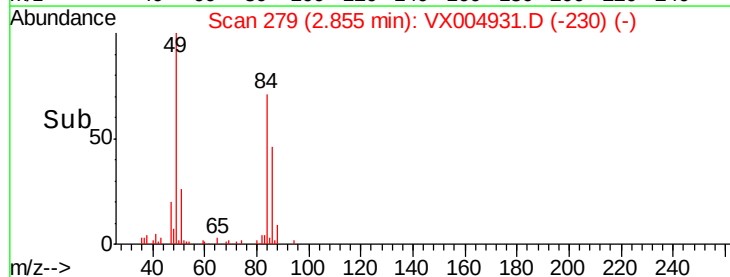
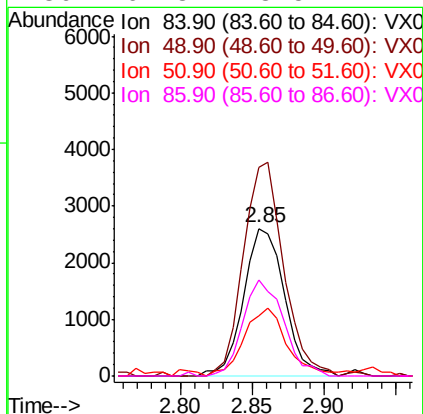
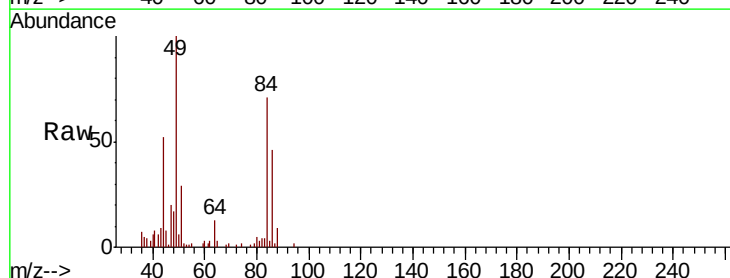
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#08

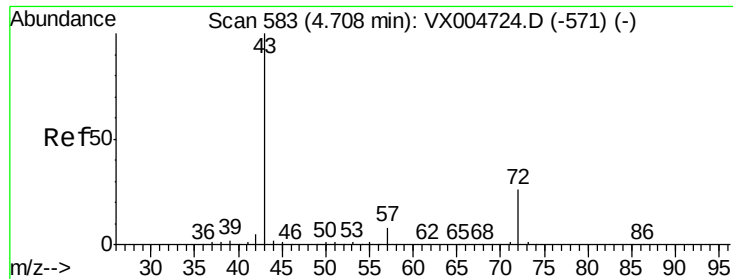
Tot Ion: 43 Resp: 12623
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 1.267 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004931.D
Acq: 02 Oct 2018 20:48

Tgt Ion: 84 Resp: 5119
Ion Ratio Lower Upper
84 100
49 140.9 92.3 138.5#
51 38.0 31.8 47.6
86 64.8 48.5 72.7

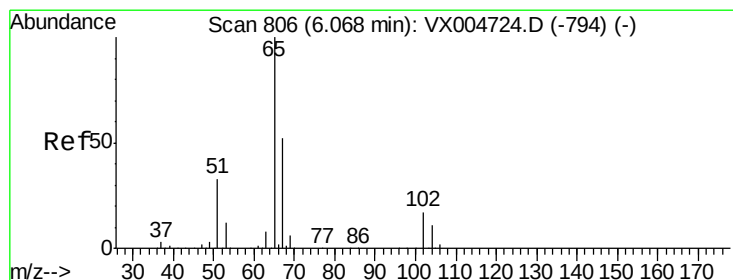
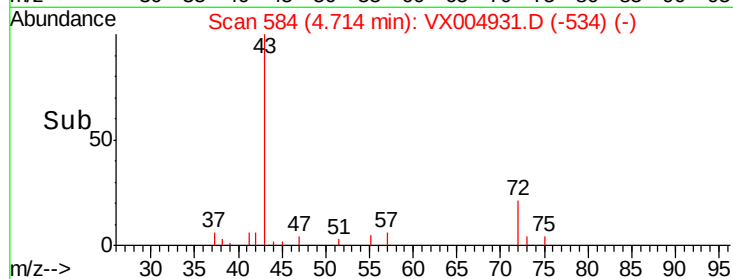
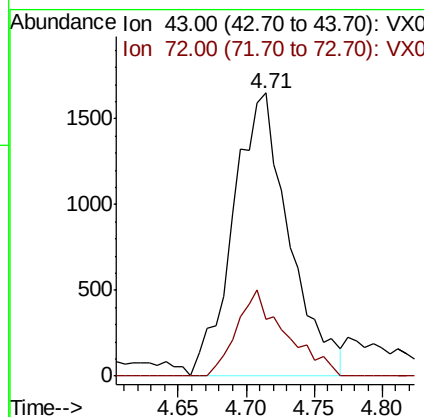
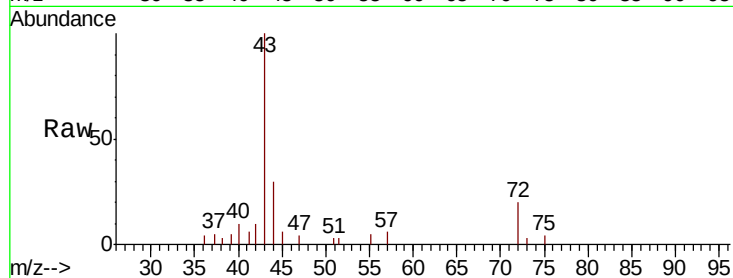




#25
2-Butanone
Concen: 1.903 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX004931.D
Acq: 02 Oct 2018 20:48

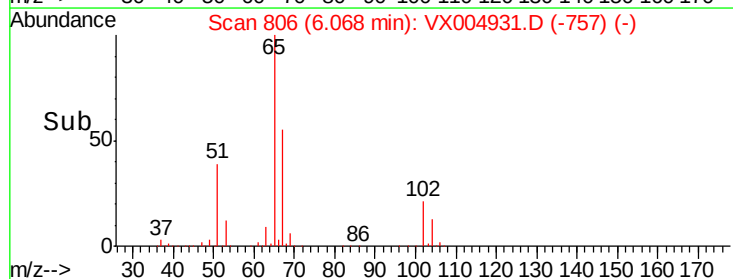
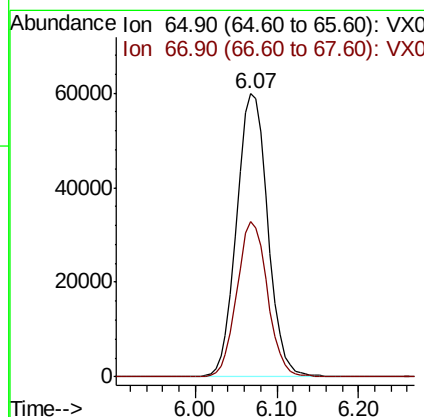
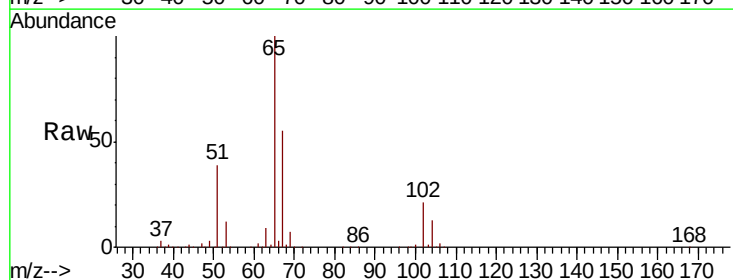
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#08

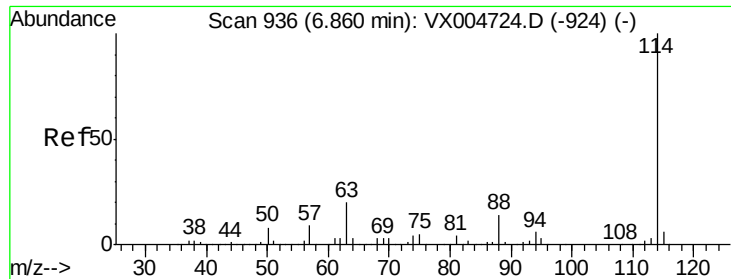
Tot Ion: 43 Resp: 4738
Ion Ratio Lower Upper
43 100
72 20.1 20.8 31.2#



#33
1,2-Dichloroethane-d4
Concen: 54.689 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004931.D
Acq: 02 Oct 2018 20:48

Tgt Ion: 65 Resp: 158199
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.4

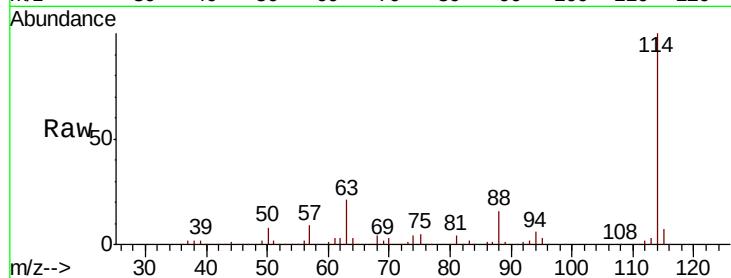




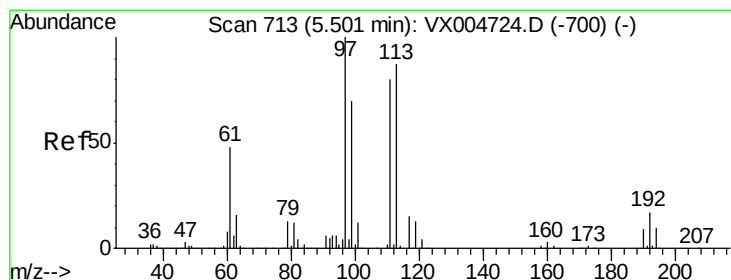
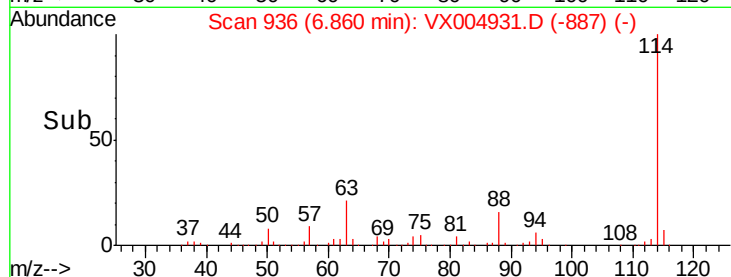
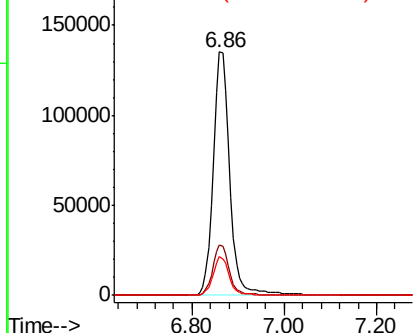
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004931.D
 Acq: 02 Oct 2018 20:48

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#08

Tot Ion:114 Resp: 337104
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 15.7 0.0 27.0

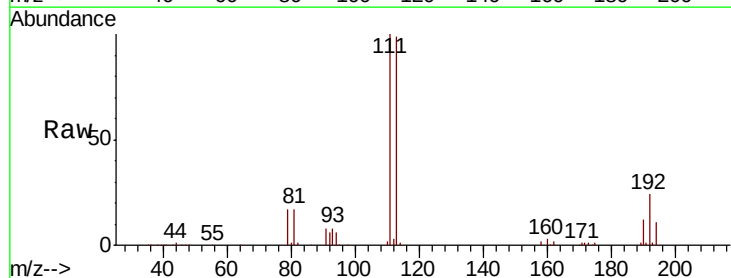


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

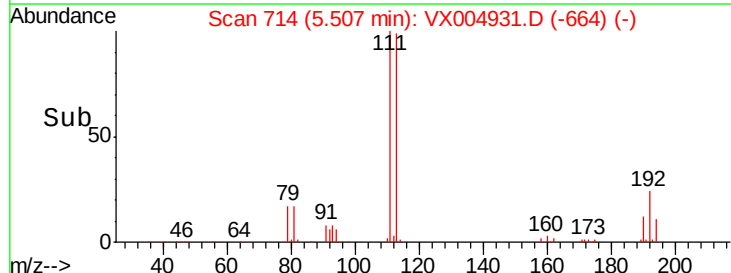
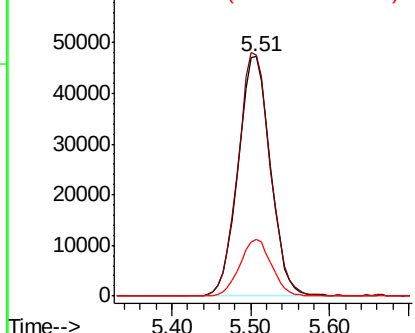


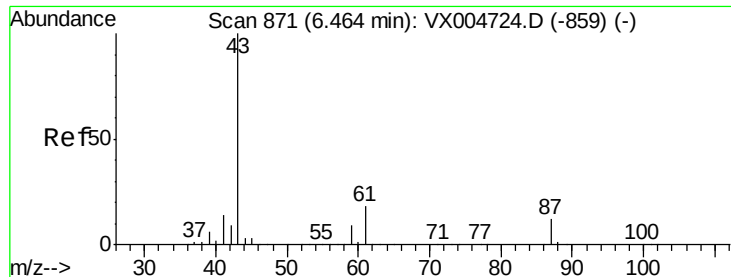
#35
 Dibromofluoromethane
 Concen: 47.203 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004931.D
 Acq: 02 Oct 2018 20:48

Tgt Ion:113 Resp: 134860
 Ion Ratio Lower Upper
 113 100
 111 101.6 77.0 115.4
 192 23.4 17.0 25.6



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: 26.082 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004931.D

Acq: 02 Oct 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#08

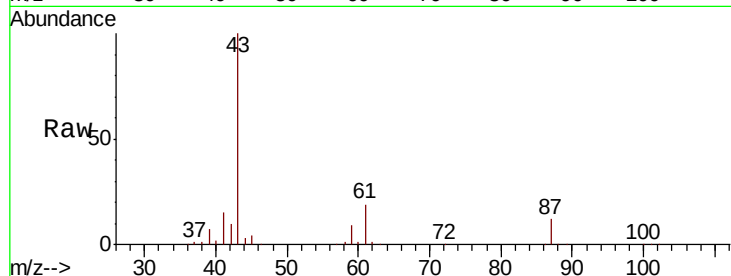
Tot Ion: 43 Resp: 194788

Ion Ratio Lower Upper

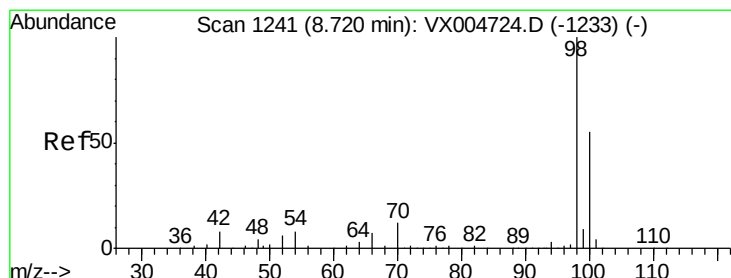
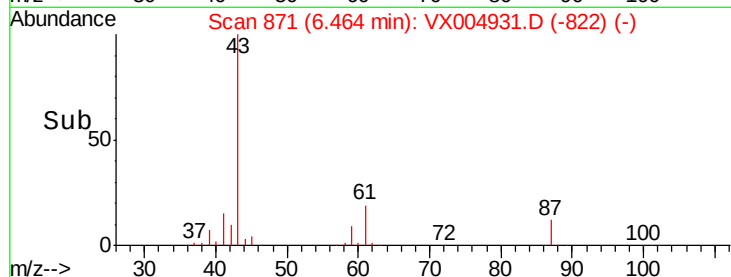
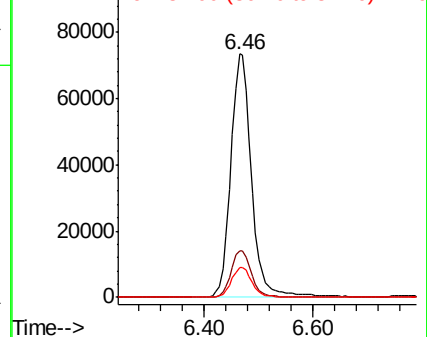
43 100

61 18.9 14.2 21.4

87 12.3 9.3 13.9



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: 51.805 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004931.D

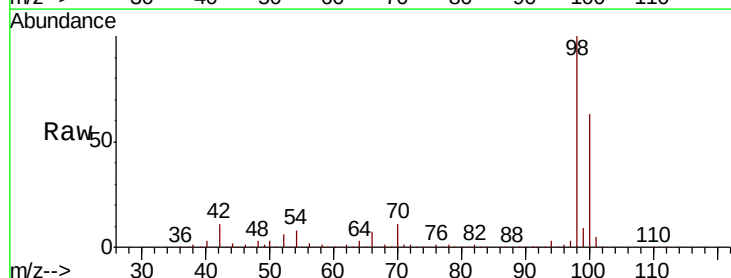
Acq: 02 Oct 2018 20:48

Tgt Ion: 98 Resp: 492049

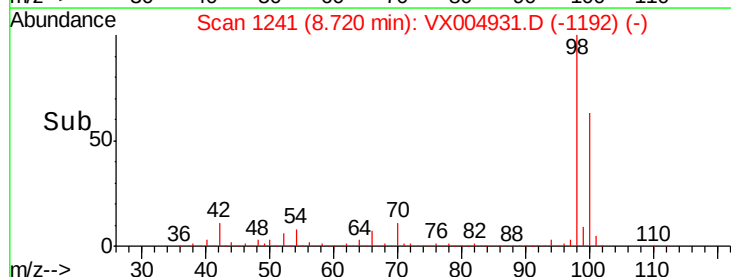
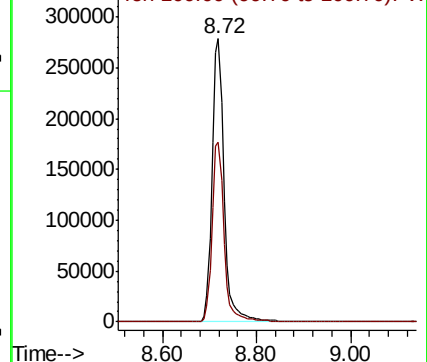
Ion Ratio Lower Upper

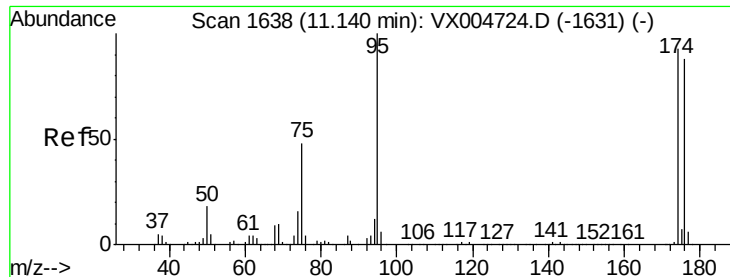
98 100

100 63.8 51.9 77.9



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





#62

4-Bromofluorobenzene

Concen: 49.404 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004931.D

Acq: 02 Oct 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#08

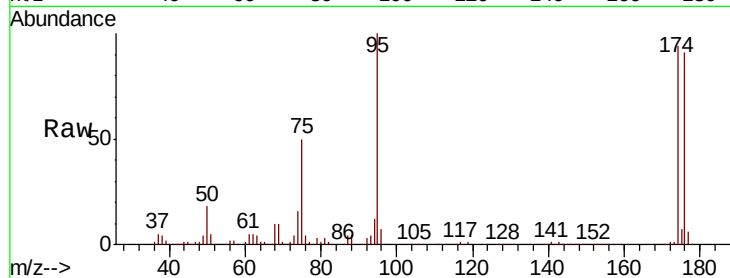
Tot Ion: 95 Resp: 169048

Ion Ratio Lower Upper

95 100

174 93.2 0.0 185.0

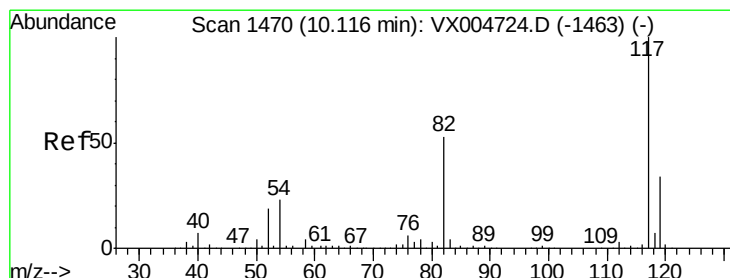
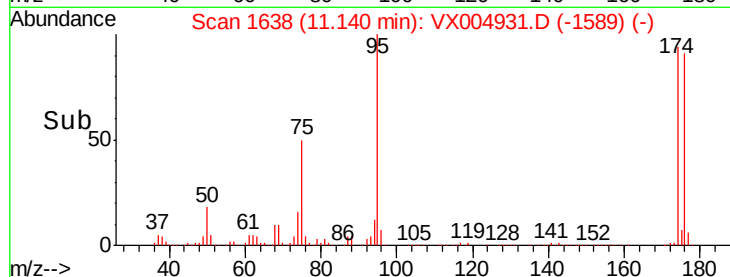
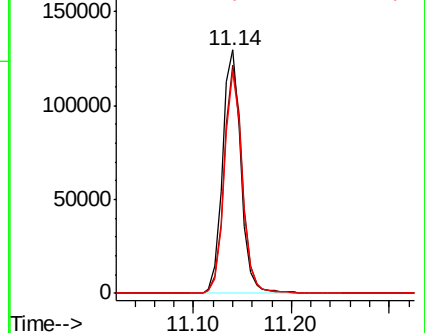
176 88.9 0.0 180.2



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: VX004931.D

Acq: 02 Oct 2018 20:48

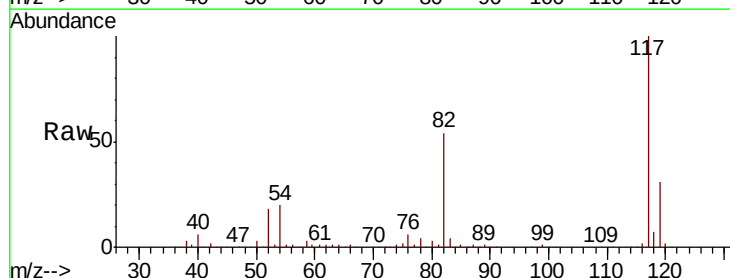
Tgt Ion: 117 Resp: 335760

Ion Ratio Lower Upper

117 100

82 54.2 42.2 63.4

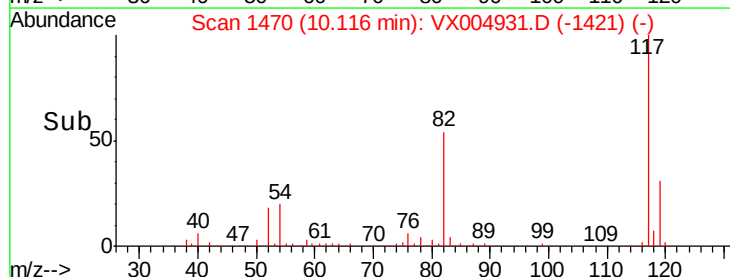
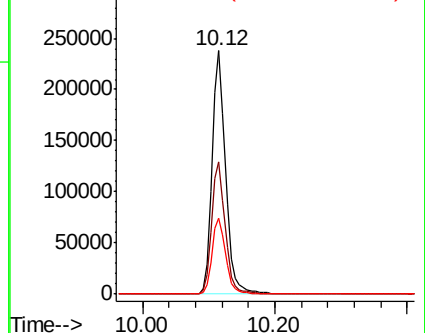
119 31.2 27.4 41.0

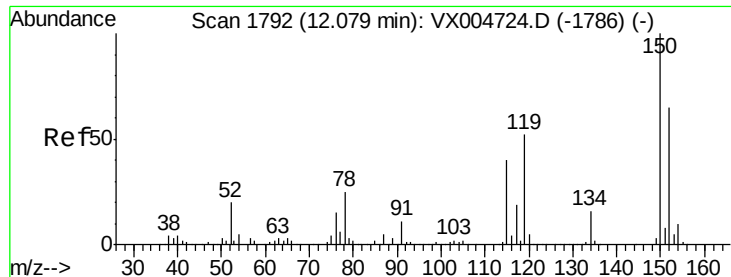


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX004931.D

Acq: 02 Oct 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#08

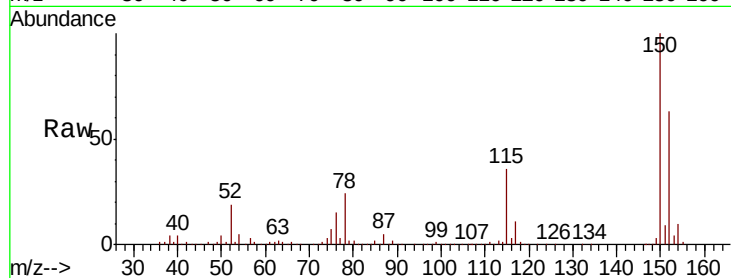
Tot Ion:152 Resp: 172367

Ion Ratio Lower Upper

152 100

115 55.9 40.2 120.6

150 155.9 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

