

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005473.D
 Acq On : 22 Oct 2018 16:33
 Operator : JC/MD
 Sample : PB114041ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114041ZHE#03

Quant Time: Oct 23 02:08:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

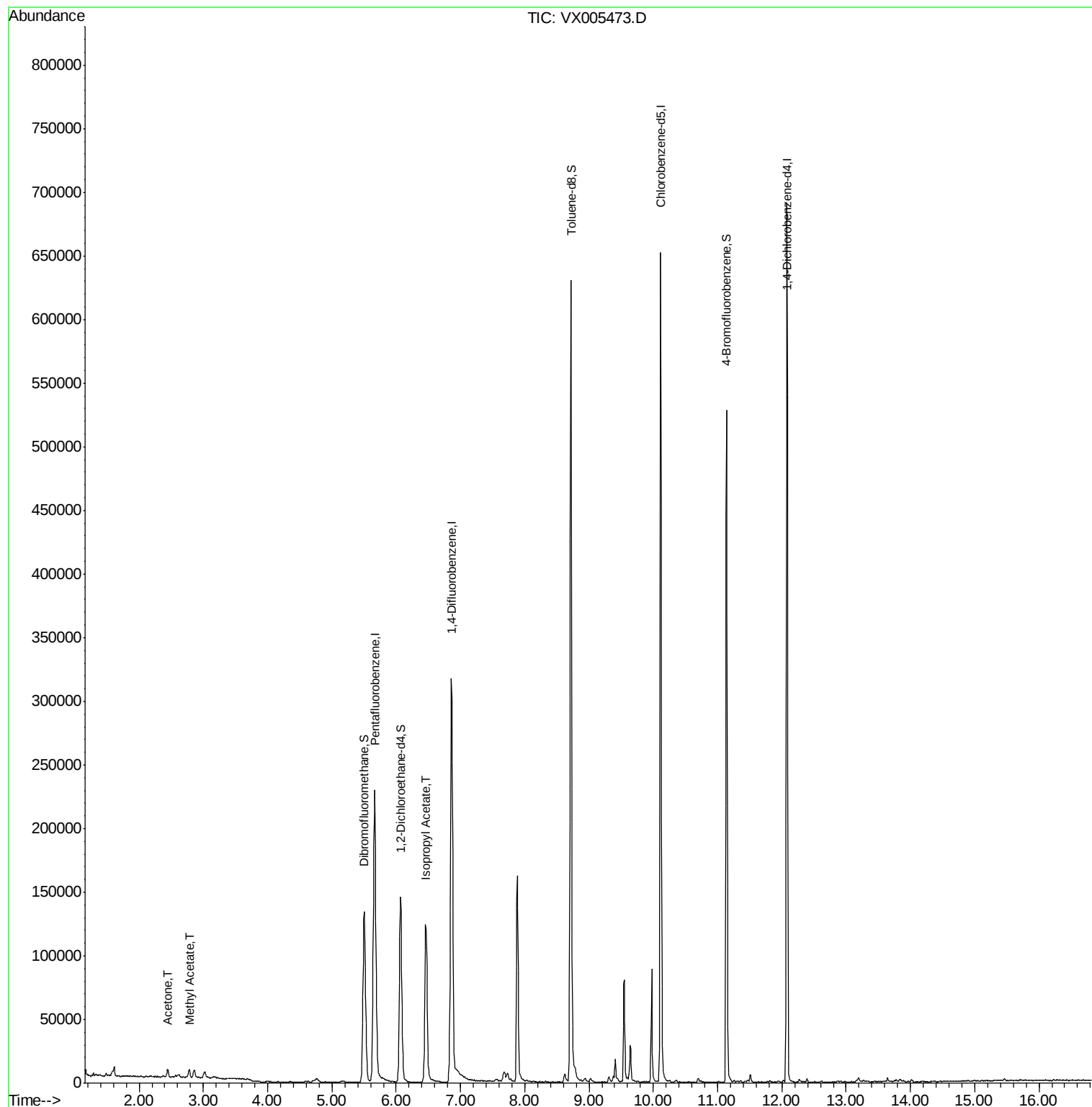
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141850	56.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.12%	
35) Dibromofluoromethane	5.50	113	111653	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
50) Toluene-d8	8.72	98	402691	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
62) 4-Bromofluorobenzene	11.14	95	132575	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
Target Compounds						
16) Acetone	2.44	43	6390	4.368	ug/l	90
18) Methyl Acetate	2.78	43	7691	1.848	ug/l	96
43) Isopropyl Acetate	6.46	43	175150	31.897	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: VX005473.D

Acq: 22 Oct 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

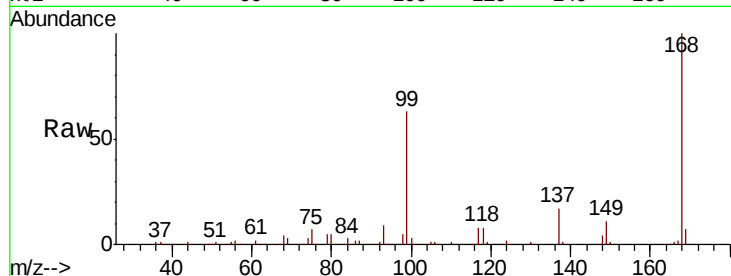
PB114041ZHE#03

Tot Ion:168 Resp: 227986

Ion Ratio Lower Upper

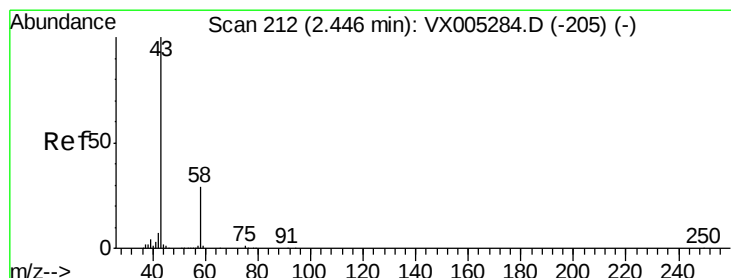
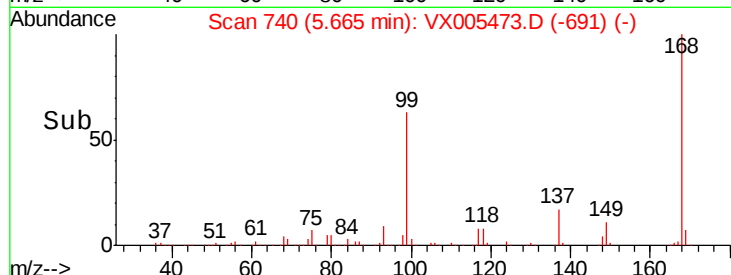
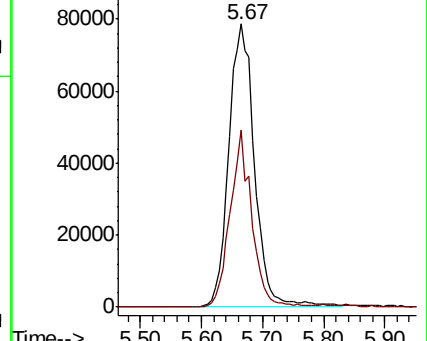
168 100

99 62.6 39.9 59.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.368 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005473.D

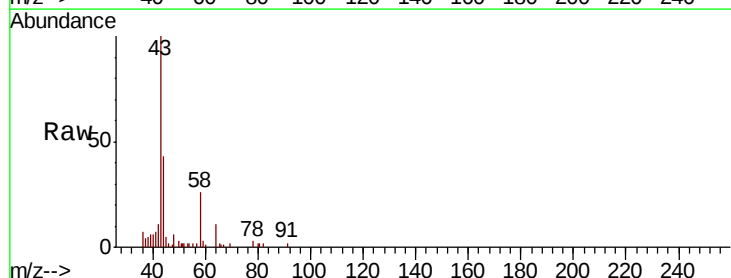
Acq: 22 Oct 2018 16:33

Tgt Ion: 43 Resp: 6390

Ion Ratio Lower Upper

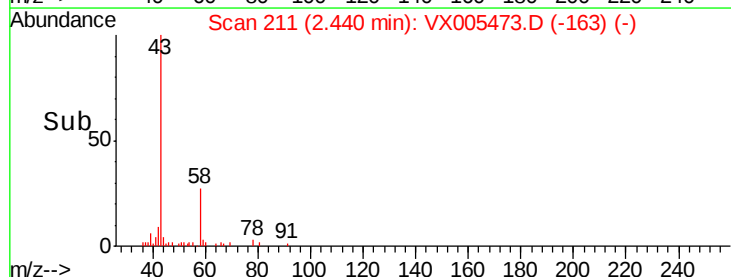
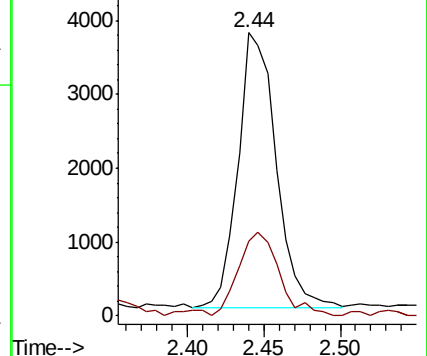
43 100

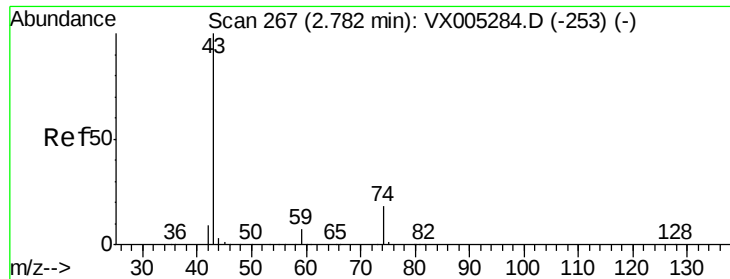
58 27.3 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

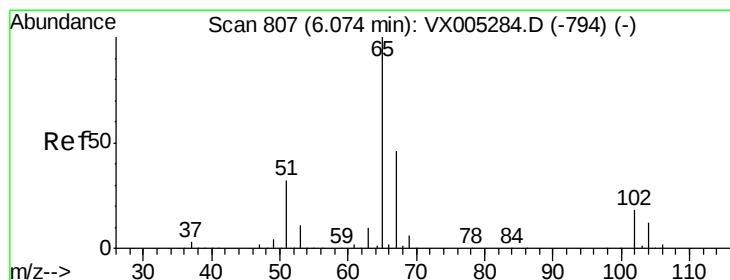
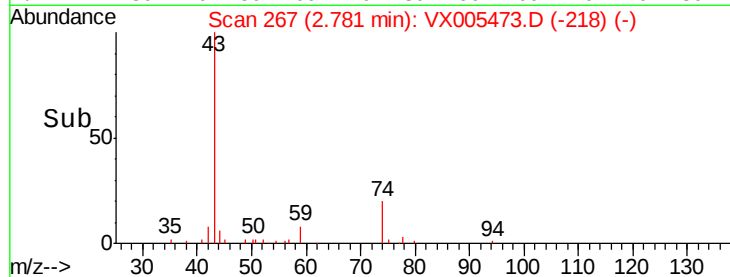
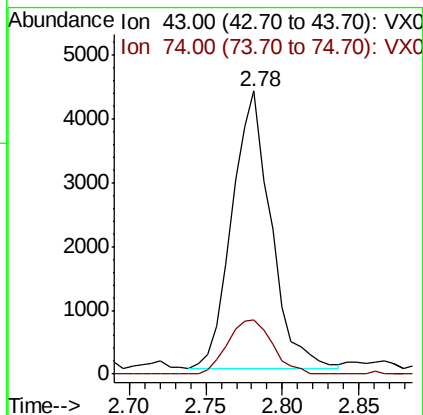
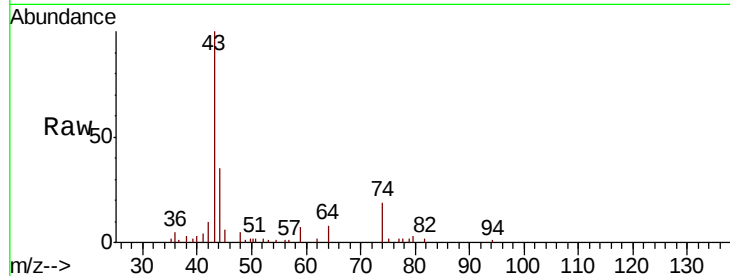




#18
Methyl Acetate
Concen: 1.848 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005473.D
Acq: 22 Oct 2018 16:33

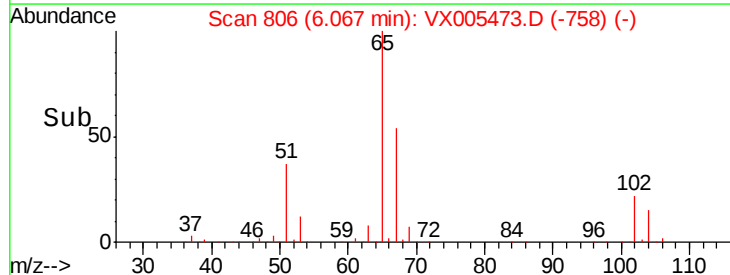
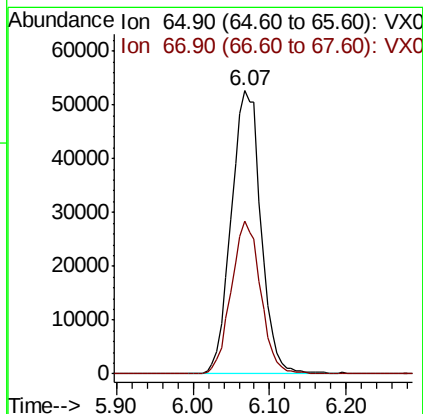
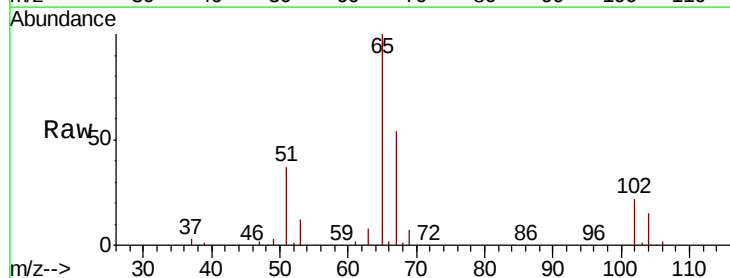
Instrument :
MSVOA_X
ClientSampleId :
PB114041ZHE#03

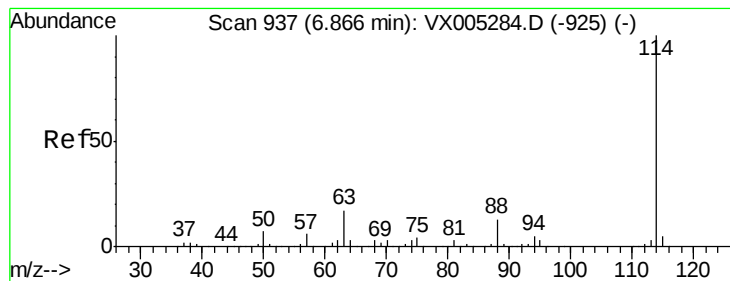
Tot Ion: 43 Resp: 7691
Ion Ratio Lower Upper
43 100
74 22.5 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 56.061 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005473.D
Acq: 22 Oct 2018 16:33

Tgt Ion: 65 Resp: 141850
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005473.D

Acq: 22 Oct 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

PB114041ZHE#03

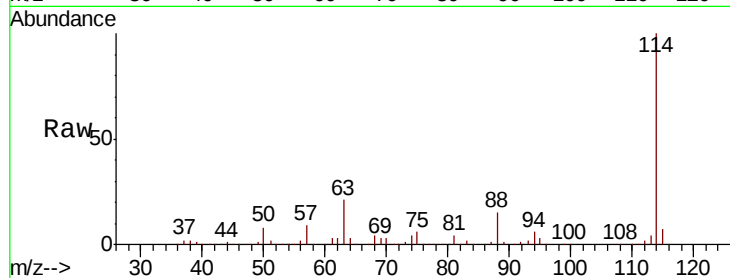
Tot Ion:114 Resp: 330959

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.0

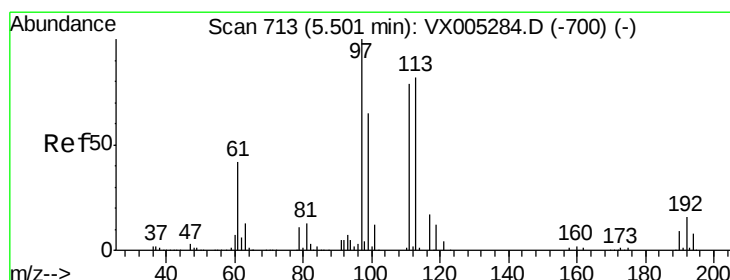
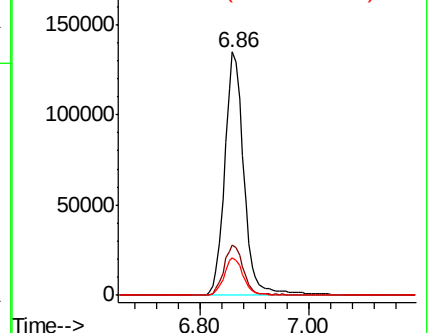
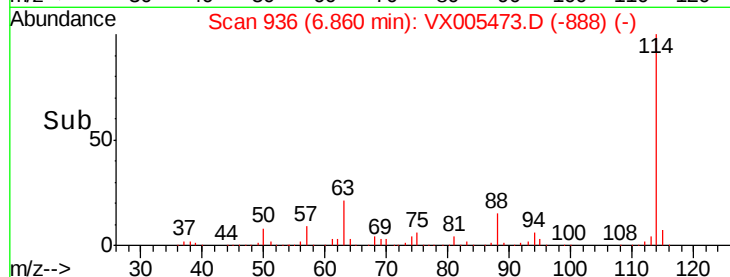
88 15.3 0.0 30.4



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: 50.936 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005473.D

Acq: 22 Oct 2018 16:33

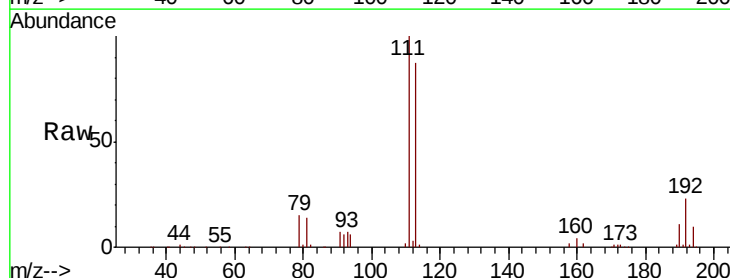
Tgt Ion:113 Resp: 111653

Ion Ratio Lower Upper

113 100

111 105.8 82.4 123.6

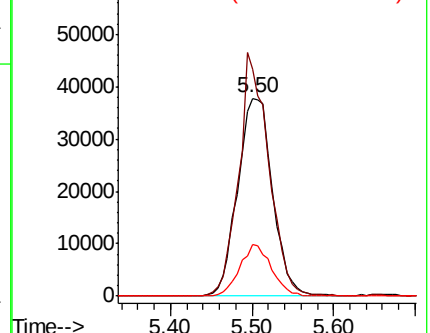
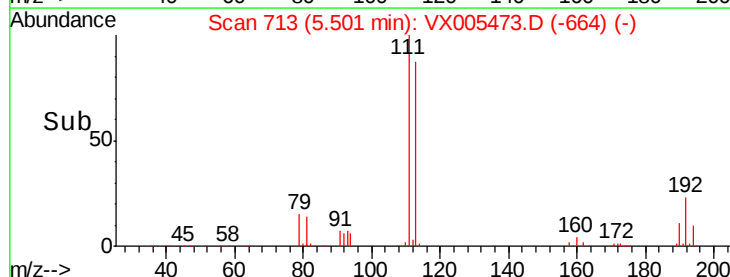
192 23.9 19.4 29.2

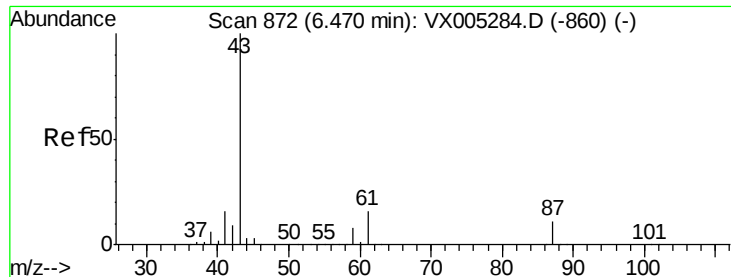


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 31.897 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005473.D

Acq: 22 Oct 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

PB114041ZHE#03

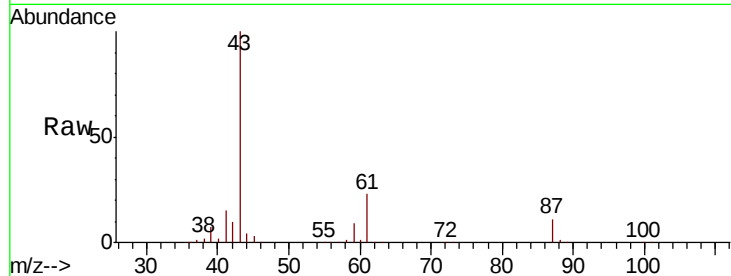
Tot Ion: 43 Resp: 175150

Ion Ratio Lower Upper

43 100

61 18.8 17.0 25.4

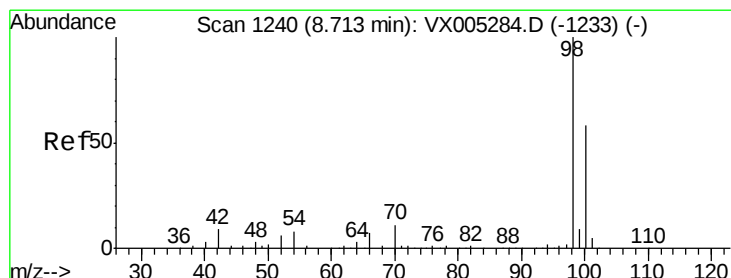
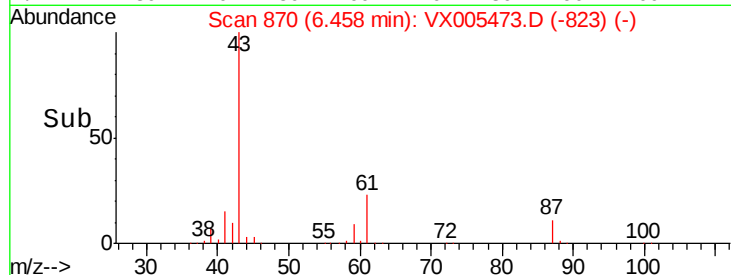
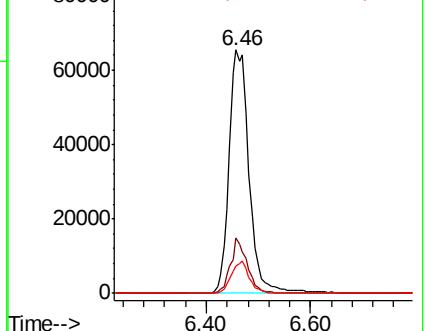
87 11.6 11.4 17.2



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: 53.511 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005473.D

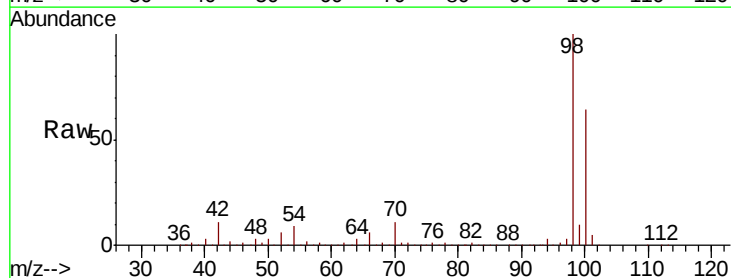
Acq: 22 Oct 2018 16:33

Tgt Ion: 98 Resp: 402691

Ion Ratio Lower Upper

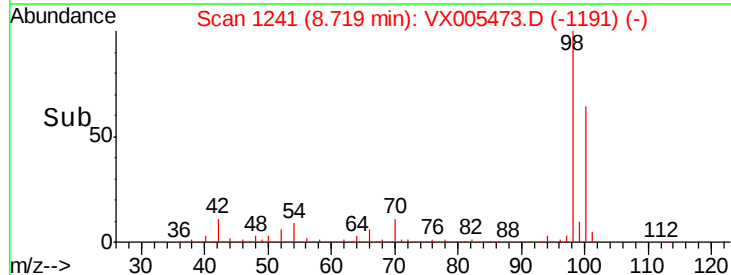
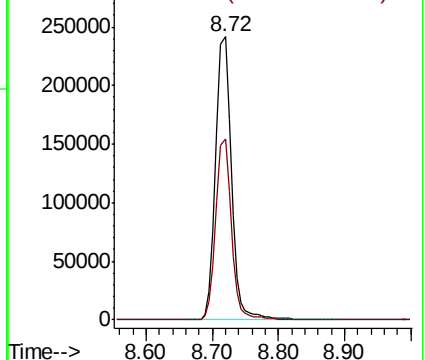
98 100

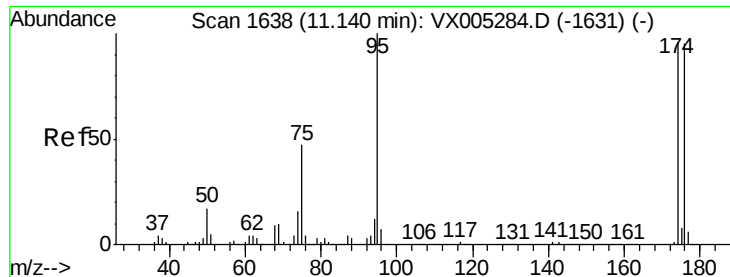
100 63.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.896 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005473.D

Acq: 22 Oct 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

PB114041ZHE#03

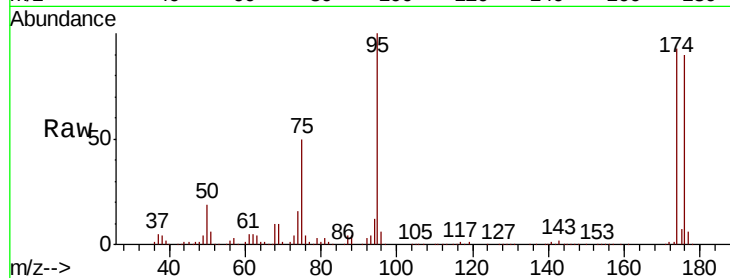
Tot Ion: 95 Resp: 132575

Ion Ratio Lower Upper

95 100

174 92.9 0.0 185.2

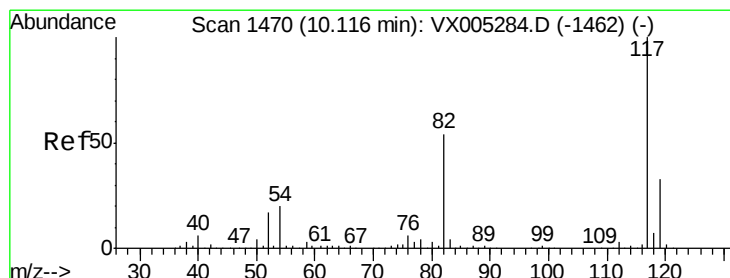
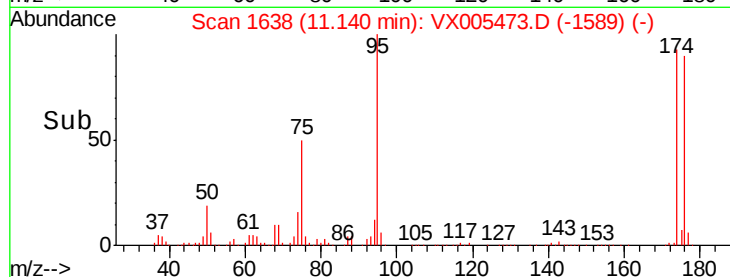
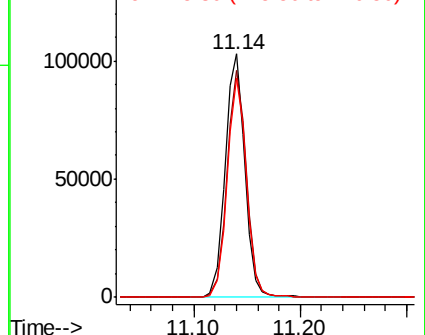
176 88.8 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX005284.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005284.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005284.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005473.D

Acq: 22 Oct 2018 16:33

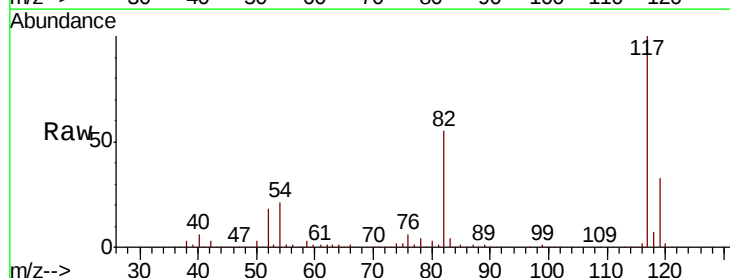
Tgt Ion: 117 Resp: 302349

Ion Ratio Lower Upper

117 100

82 54.8 47.8 71.6

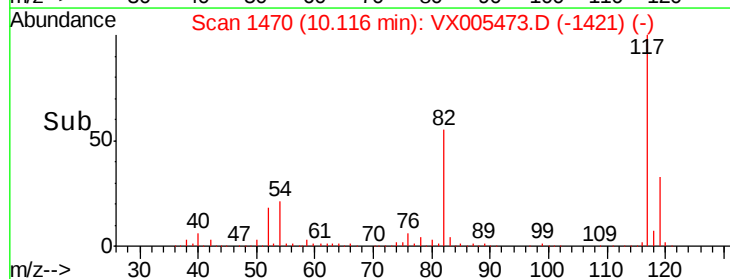
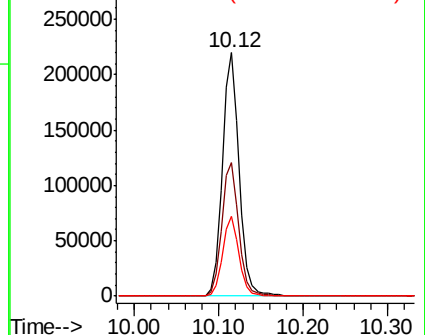
119 32.6 29.3 43.9

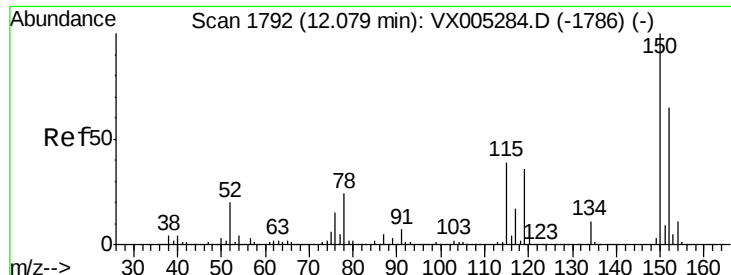


Abundance Ion 116.90 (116.60 to 117.60): VX005284.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005284.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005284.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: VX005473.D

Acq: 22 Oct 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

PB114041ZHE#03

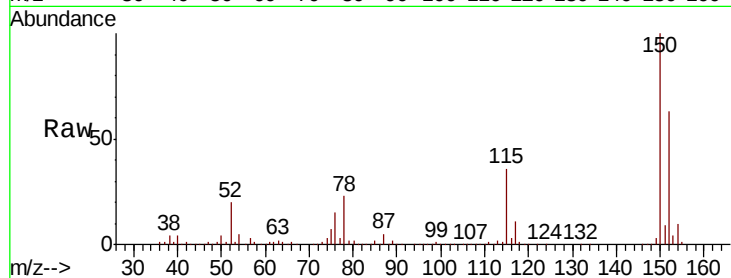
Tot Ion:152 Resp: 143351

Ion Ratio Lower Upper

152 100

115 55.4 39.0 117.0

150 157.2 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

