

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007211.D
 Acq On : 24 Jan 2019 18:35
 Operator : JC/SP
 Sample : PB116589ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116589ZHE#03

Quant Time: Jan 25 02:43:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

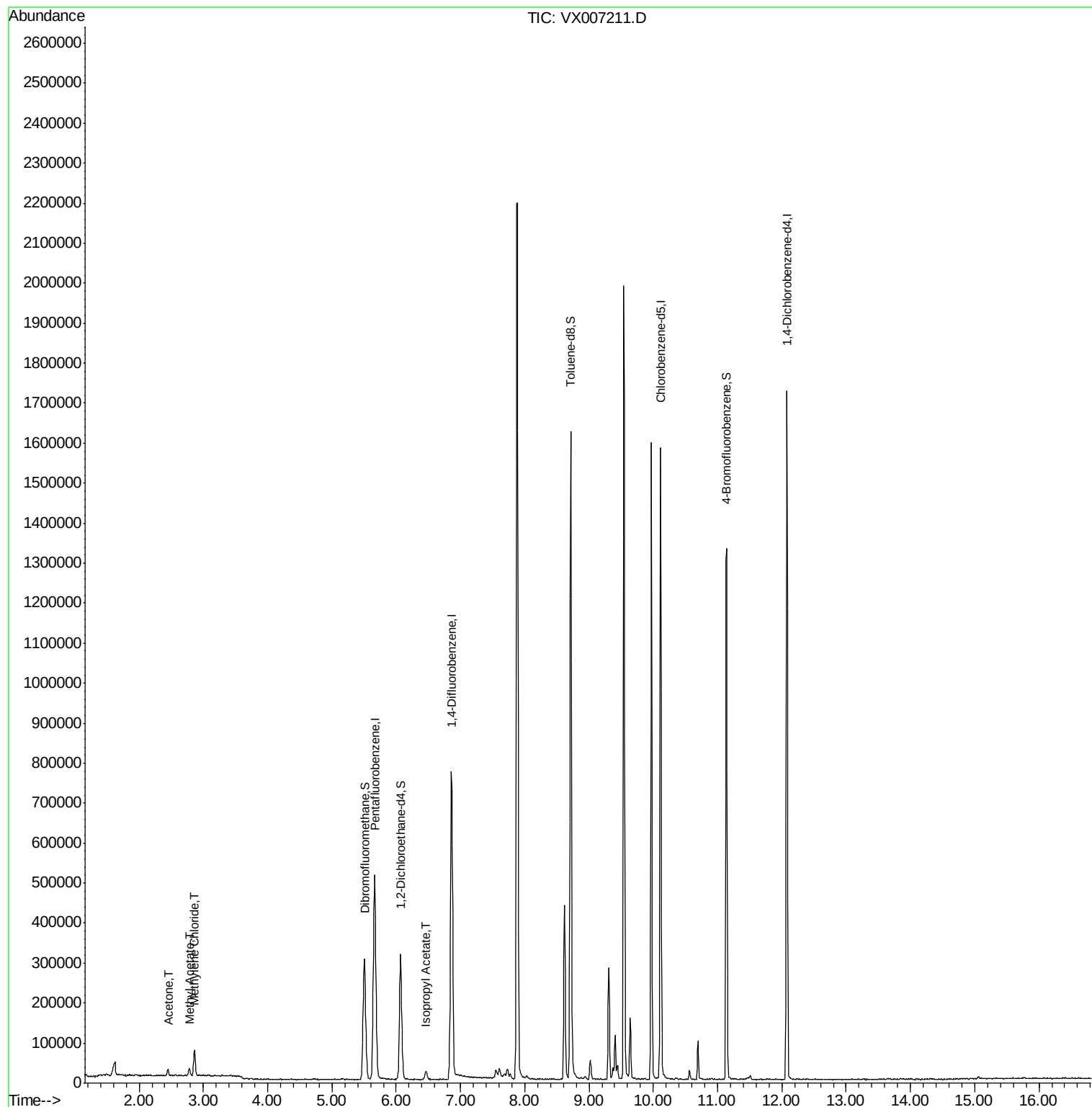
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	524623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	815256	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	773455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	363140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	285480	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
35) Dibromofluoromethane	5.51	113	253864	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	8.71	98	987985	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	11.14	95	343747	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
Target Compounds						
16) Acetone	2.45	43	15916	5.872	ug/l	96
18) Methyl Acetate	2.78	43	24618	3.136	ug/l	98
20) Methylene Chloride	2.86	84	30128	5.338	ug/l	94
43) Isopropyl Acetate	6.46	43	27757	2.316	ug/l	99

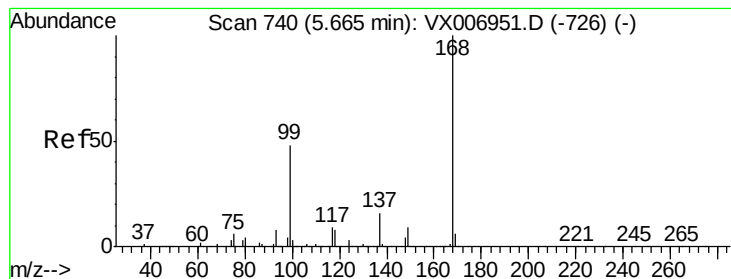
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007211.D

Acq: 24 Jan 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

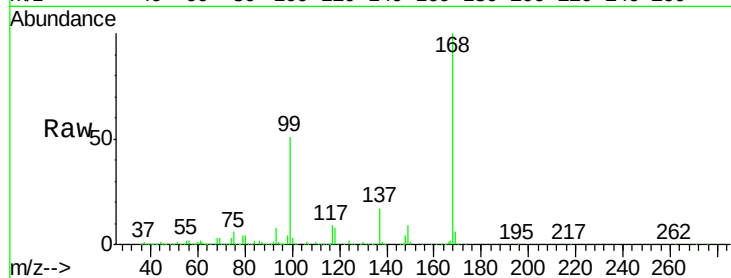
PB116589ZHE#03

Tot Ion:168 Resp: 524623

Ion Ratio Lower Upper

168 100

99 50.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

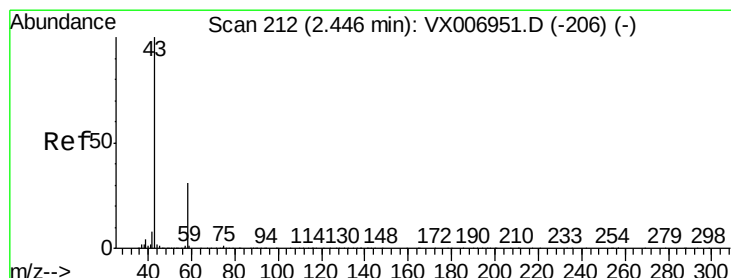
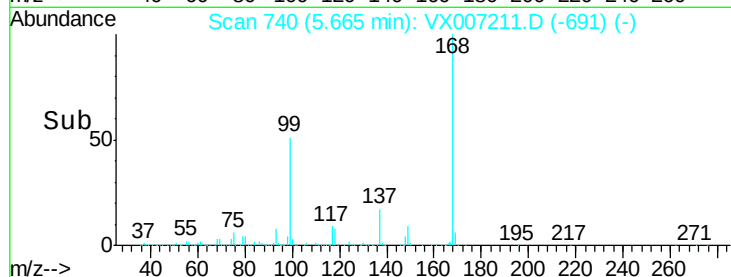
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 5.872 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007211.D

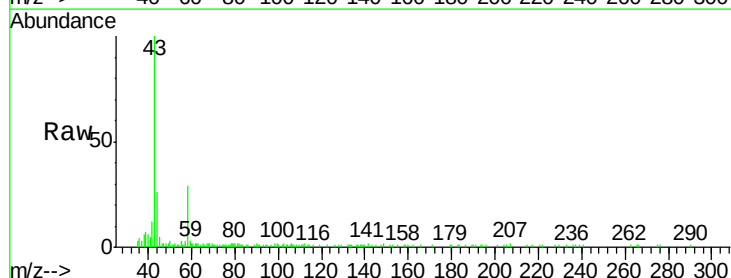
Acq: 24 Jan 2019 18:35

Tgt Ion: 43 Resp: 15916

Ion Ratio Lower Upper

43 100

58 29.3 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

10000

8000

6000

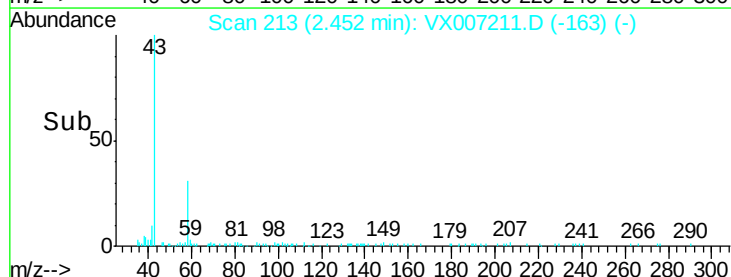
4000

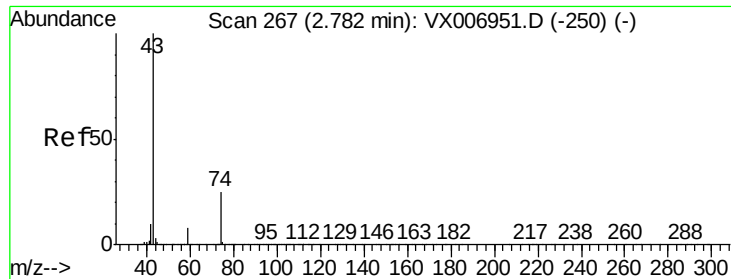
2000

0

2.40 2.45 2.50

Time-->

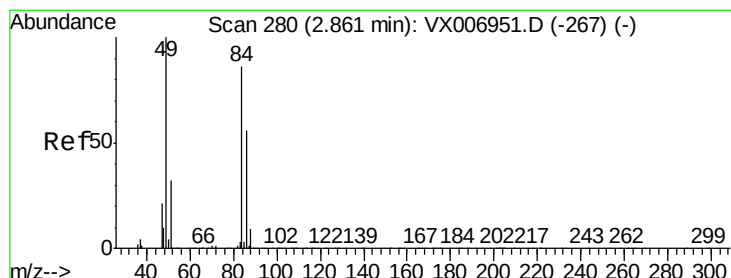
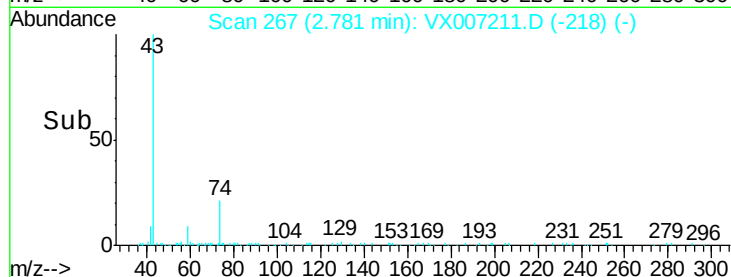
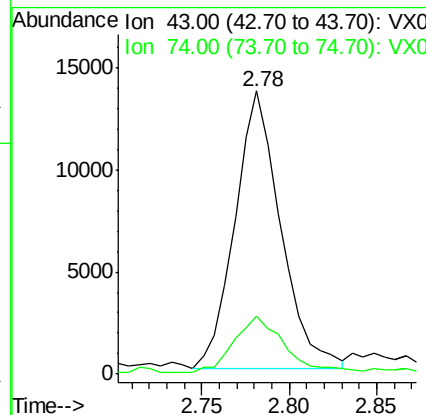
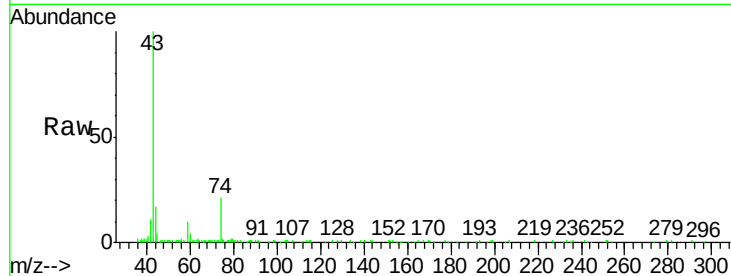




#18
Methyl Acetate
Concen: 3.136 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007211.D
Acq: 24 Jan 2019 18:35

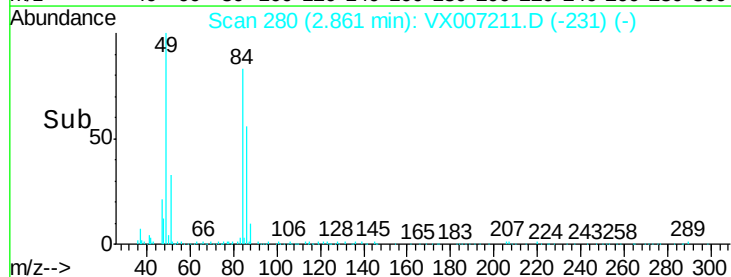
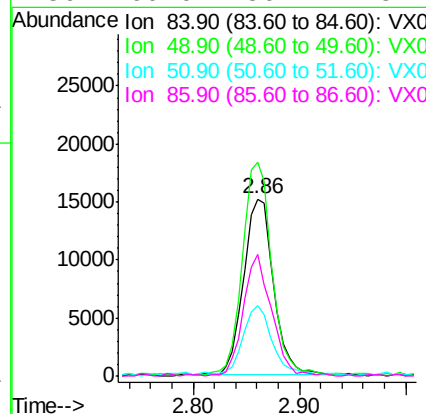
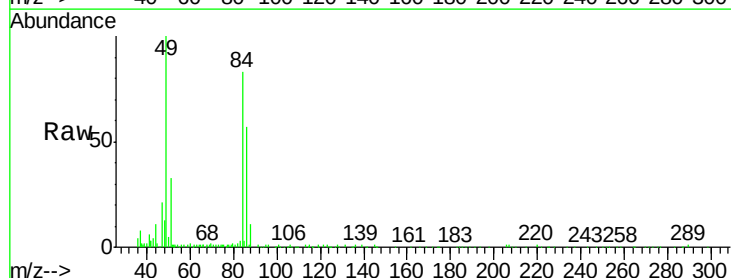
Instrument :
MSVOA_X
ClientSampleId :
PB116589ZHE#03

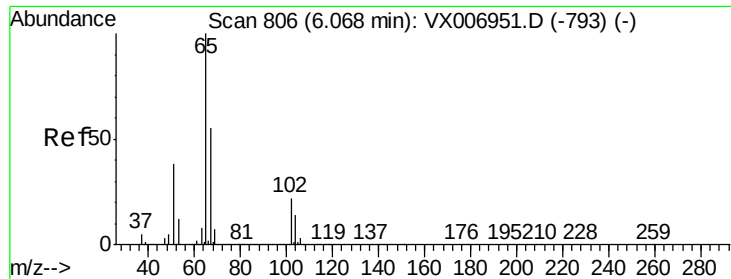
Tot Ion: 43 Resp: 24618
Ion Ratio Lower Upper
43 100
74 22.4 18.6 28.0



#20
Methylene Chloride
Concen: 5.338 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007211.D
Acq: 24 Jan 2019 18:35

Tgt Ion: 84 Resp: 30128
Ion Ratio Lower Upper
84 100
49 120.8 91.8 137.6
51 38.9 28.5 42.7
86 69.0 50.2 75.2

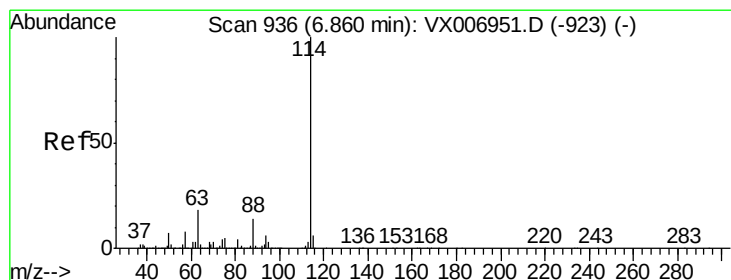
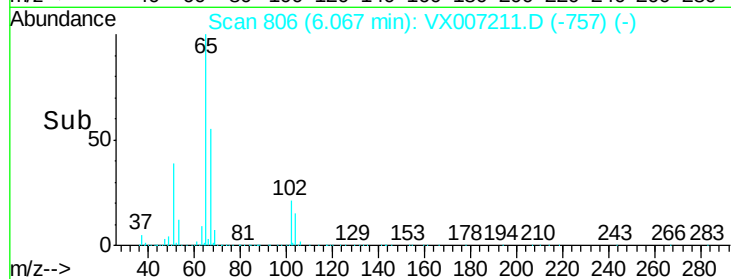
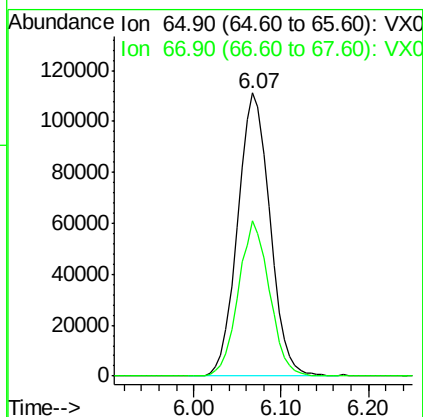
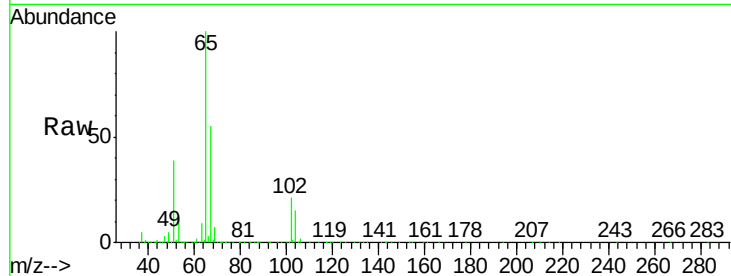




#33
 1,2-Dichloroethane-d4
 Concen: 52.069 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007211.D
 Acq: 24 Jan 2019 18:35

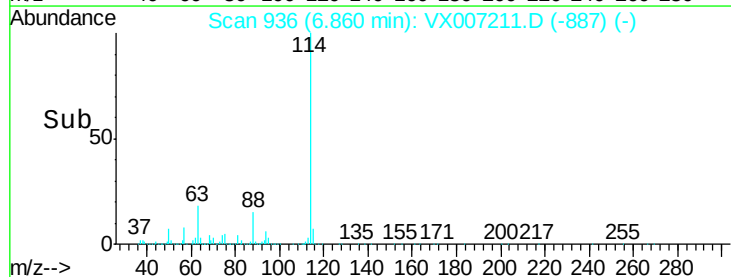
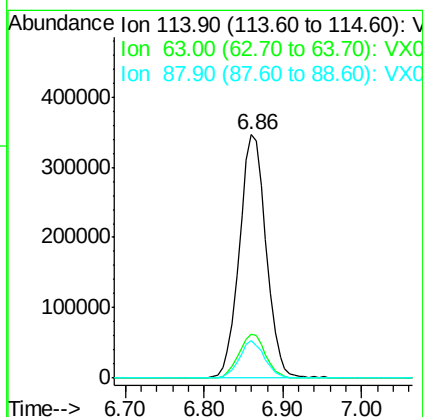
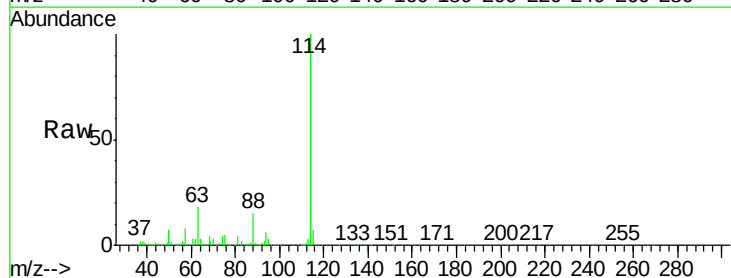
Instrument :
 MSVOA_X
 ClientSampleId :
 PB116589ZHE#03

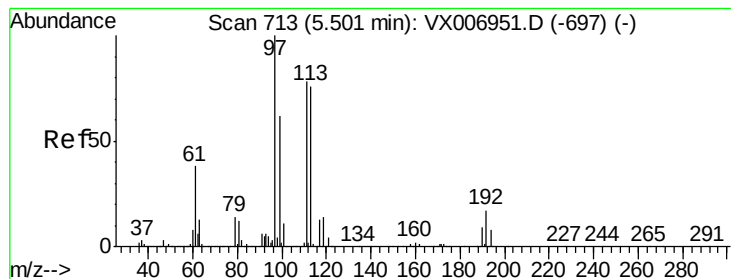
Tot Ion: 65 Resp: 285480
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007211.D
 Acq: 24 Jan 2019 18:35

Tgt Ion: 114 Resp: 815256
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.8
 88 15.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.625 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007211.D

Acq: 24 Jan 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

PB116589ZHE#03

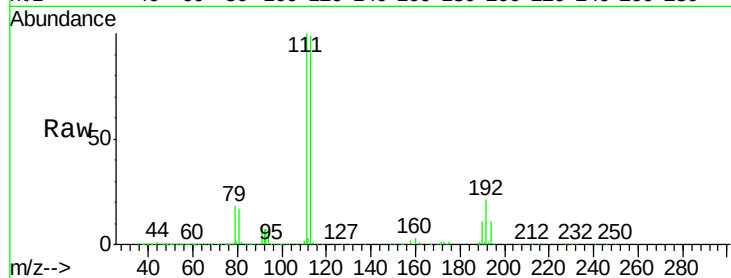
Tot Ion:113 Resp: 253864

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

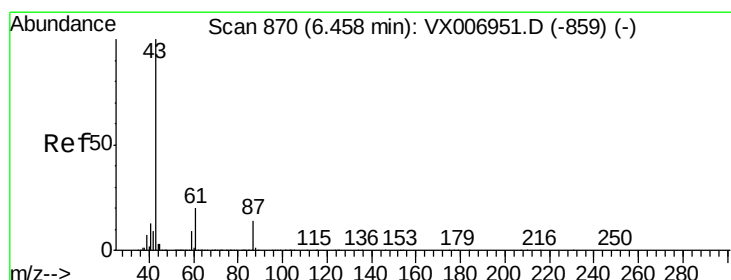
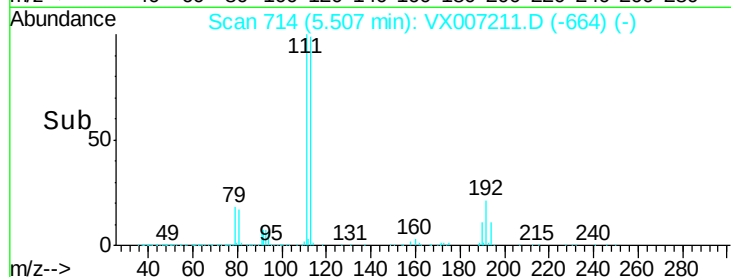
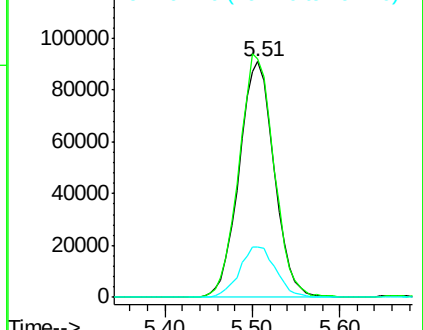
192 22.3 16.7 25.1



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: 2.316 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007211.D

Acq: 24 Jan 2019 18:35

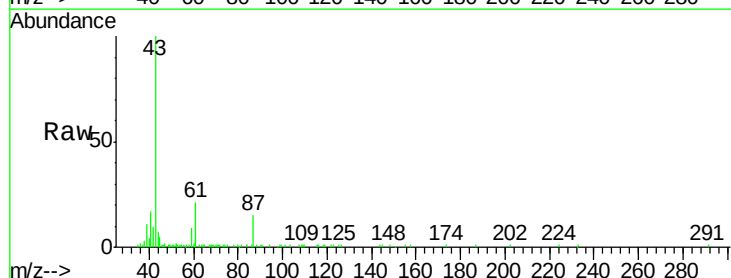
Tgt Ion: 43 Resp: 27757

Ion Ratio Lower Upper

43 100

61 21.7 16.8 25.2

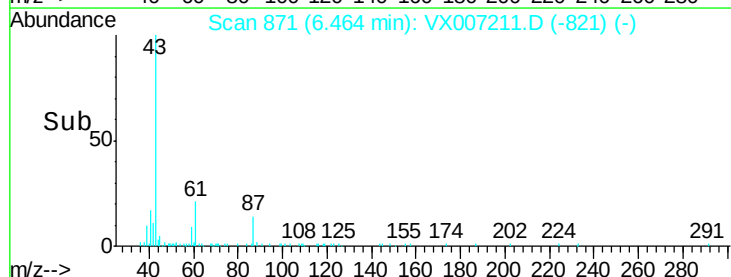
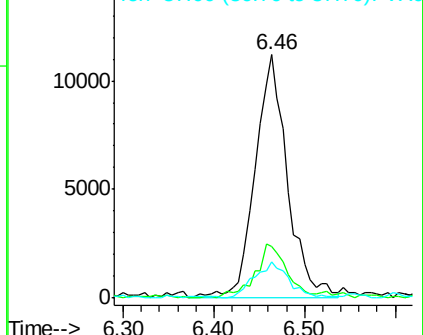
87 16.0 12.4 18.6

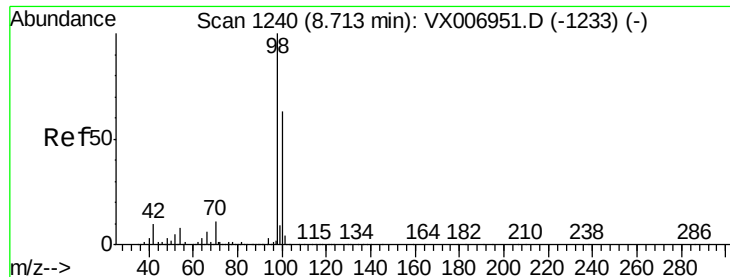


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.700 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007211.D

Acq: 24 Jan 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

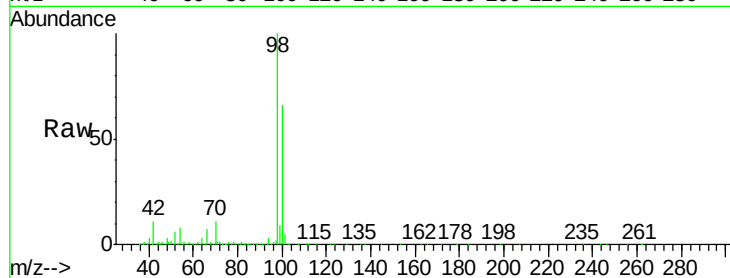
PB116589ZHE#03

Tot Ion: 98 Resp: 987985

Ion Ratio Lower Upper

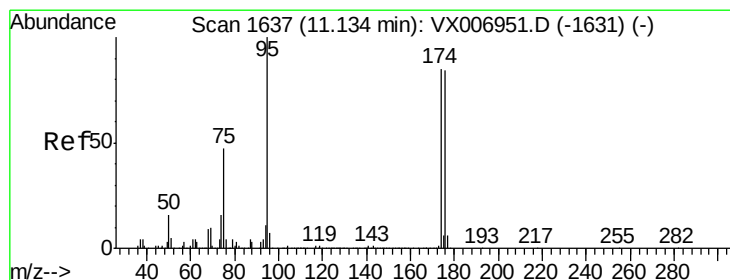
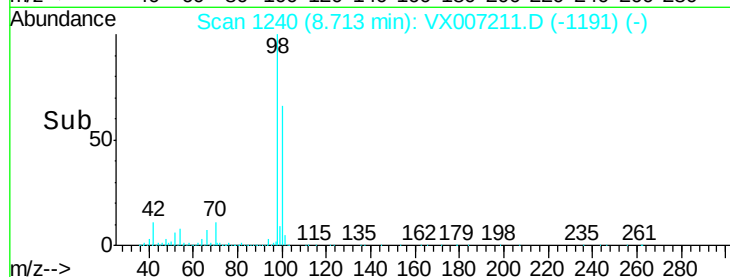
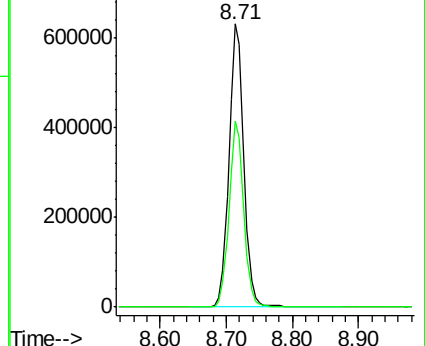
98 100

100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 51.597 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007211.D

Acq: 24 Jan 2019 18:35

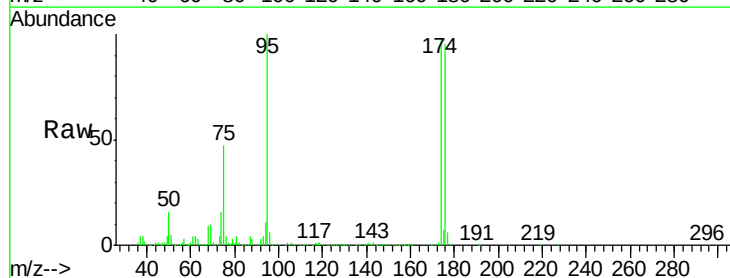
Tgt Ion: 95 Resp: 343747

Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.2

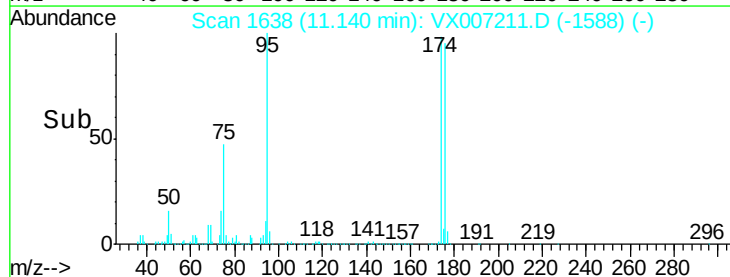
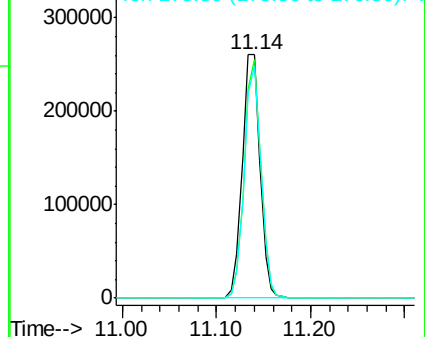
176 90.5 0.0 178.8

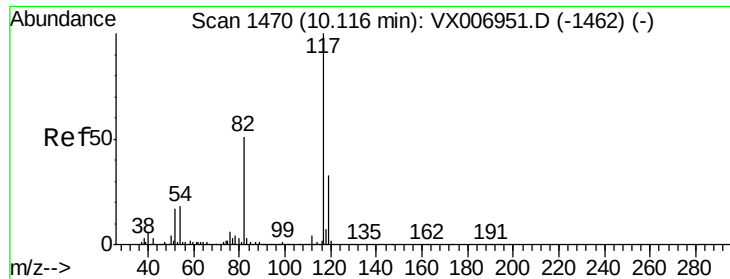


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

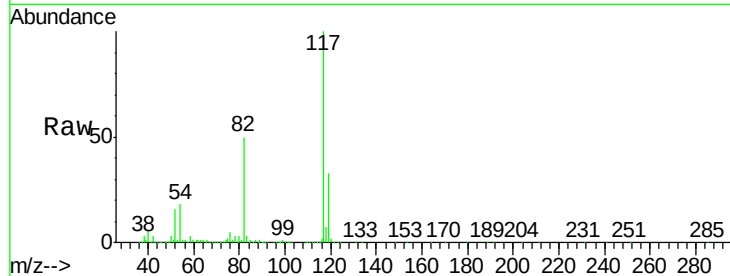




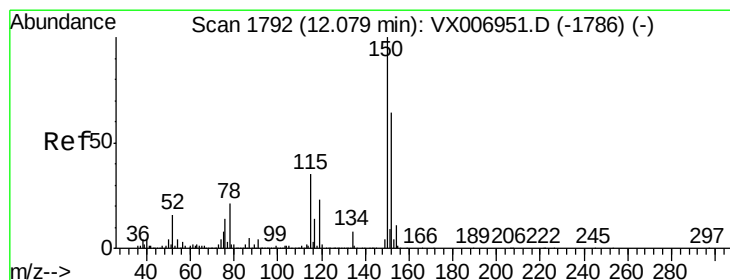
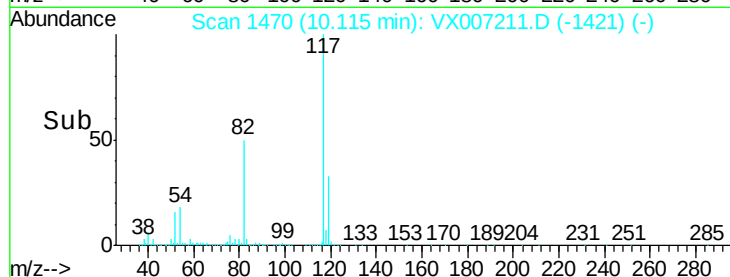
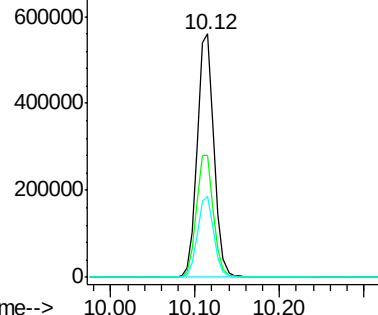
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007211.D
Acq: 24 Jan 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
PB116589ZHE#03

Tot Ion:117 Resp: 773455
Ion Ratio Lower Upper
117 100
82 50.3 41.0 61.6
119 33.2 25.4 38.0

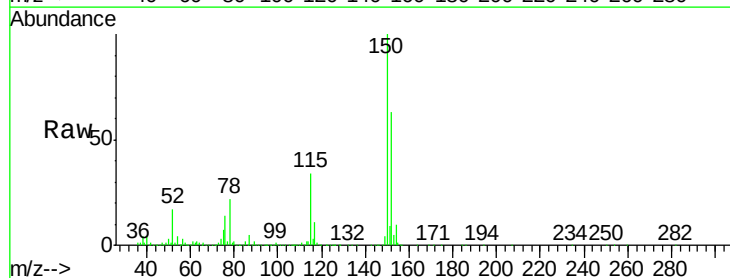


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007211.D
Acq: 24 Jan 2019 18:35

Tgt Ion:152 Resp: 363140
Ion Ratio Lower Upper
152 100
115 54.9 39.1 117.2
150 157.1 0.0 344.8



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

