

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006499.D
 Acq On : 13 Dec 2018 17:04
 Operator : JC/MD
 Sample : PB115614ZHE#07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB115614ZHE#07

Quant Time: Dec 14 01:01:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

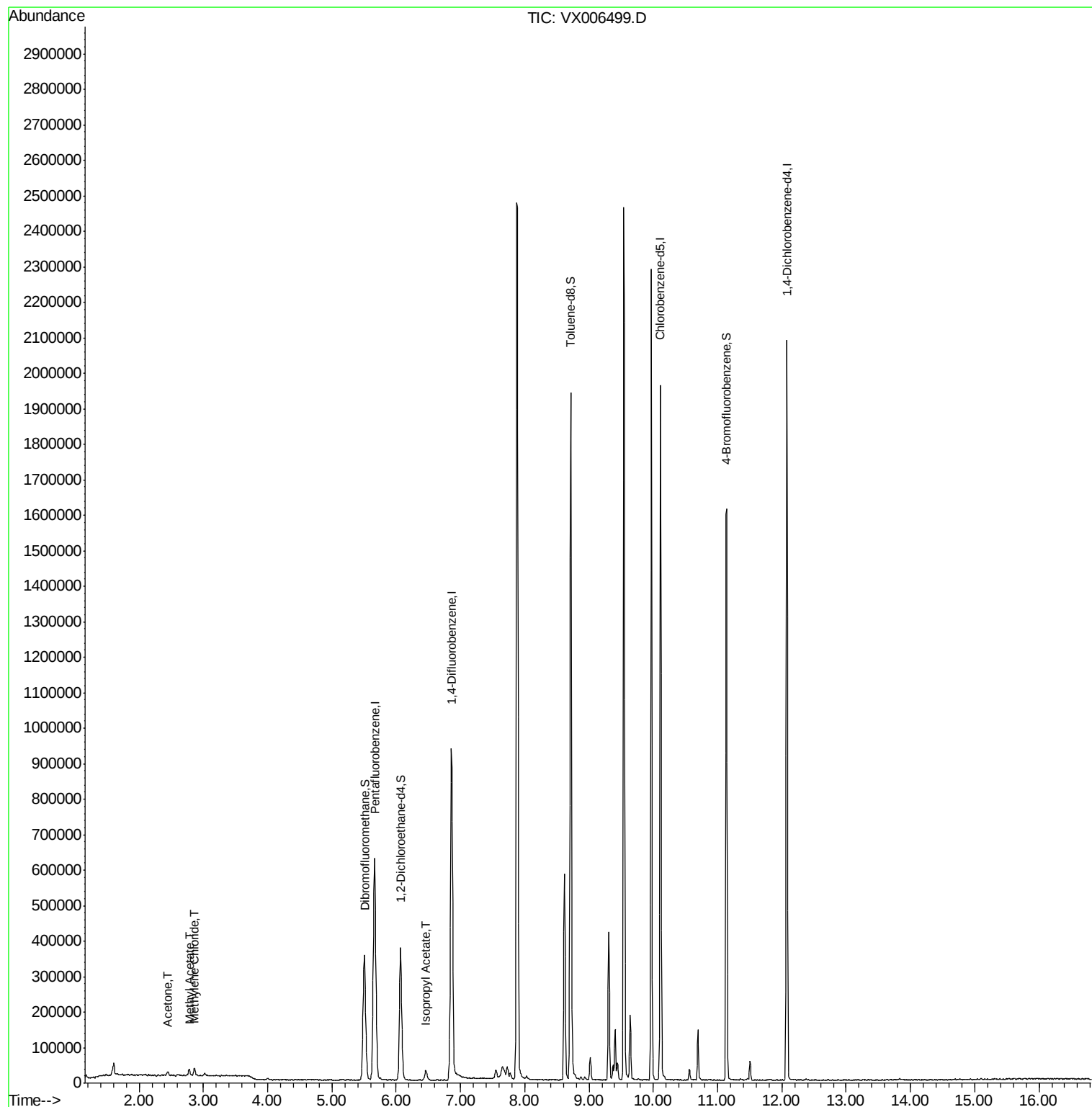
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	633395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1016643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	946792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	452503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	344115	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
35) Dibromofluoromethane	5.51	113	303401	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
50) Toluene-d8	8.71	98	1209882	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.13	95	450350	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
Target Compounds						
16) Acetone	2.45	43	12308	4.056	ug/l	93
18) Methyl Acetate	2.78	43	26826	2.644	ug/l	93
20) Methylene Chloride	2.86	84	10578	1.638	ug/l #	92
43) Isopropyl Acetate	6.46	43	34551	2.161	ug/l	95

(#) = 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: VX006499.D

Acq: 13 Dec 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

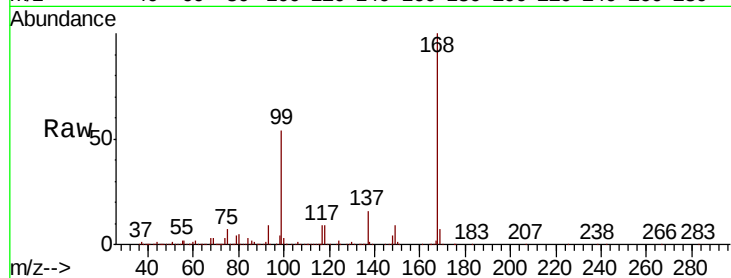
PB115614ZHE#07

Tot Ion:168 Resp: 633395

Ion Ratio Lower Upper

168 100

99 53.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

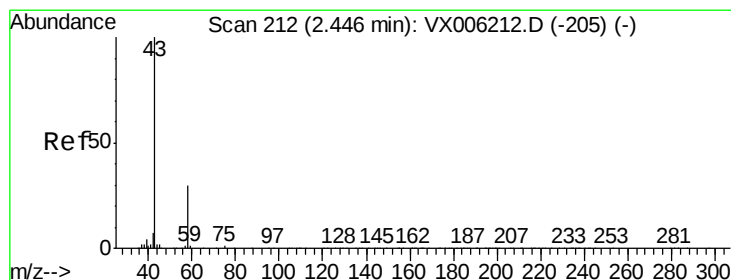
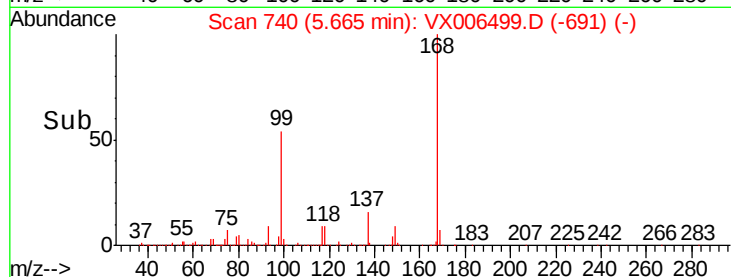
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.056 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006499.D

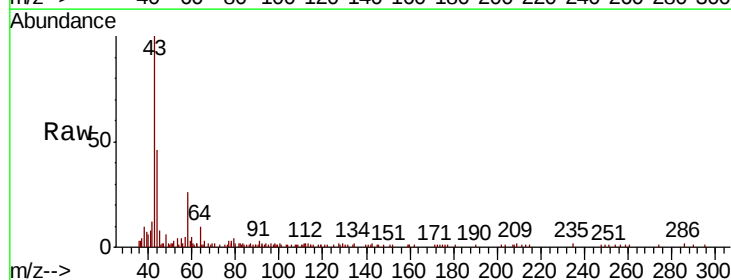
Acq: 13 Dec 2018 17:04

Tgt Ion: 43 Resp: 12308

Ion Ratio Lower Upper

43 100

58 26.4 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

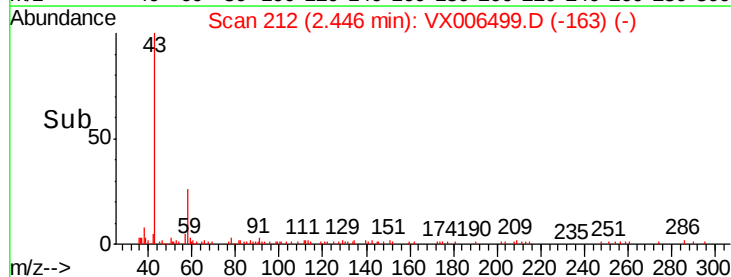
6000

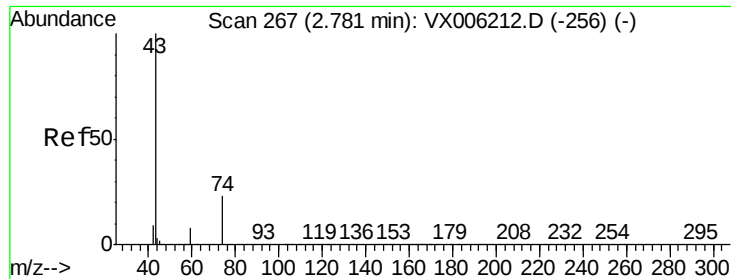
4000

2000

0

Time--> 2.40 2.45 2.50

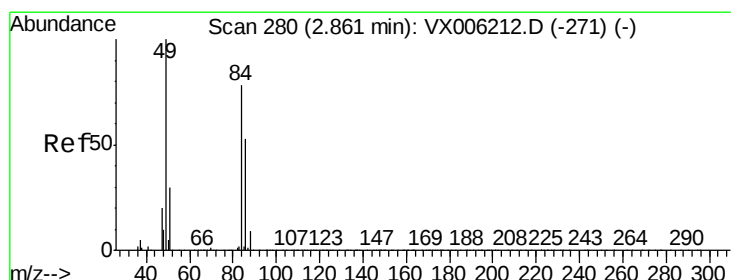
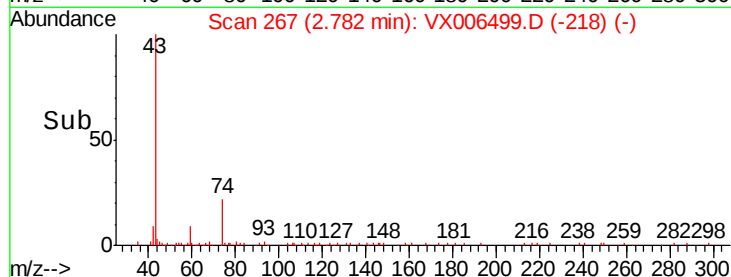
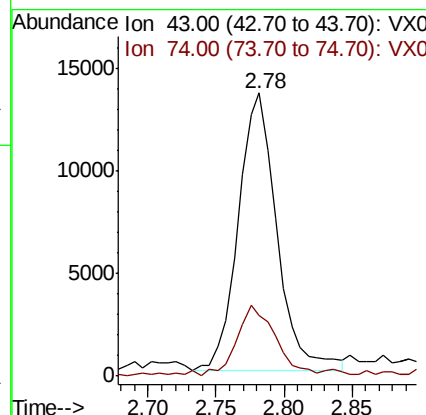
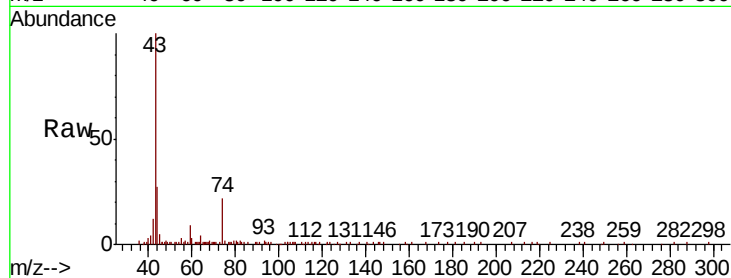




#18
Methyl Acetate
Concen: 2.644 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006499.D
Acq: 13 Dec 2018 17:04

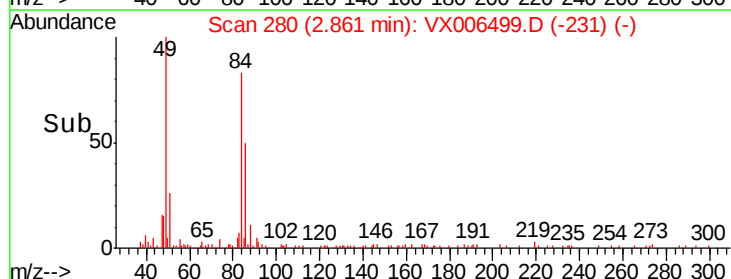
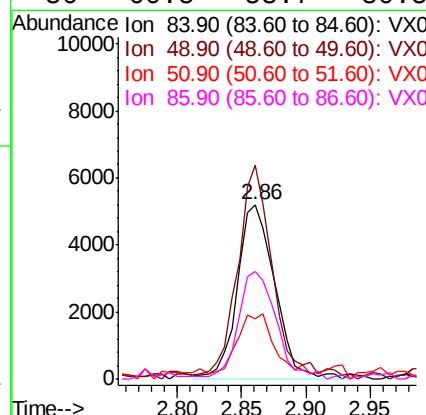
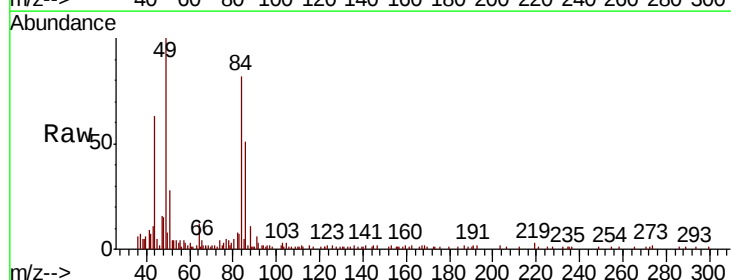
Instrument :
MSVOA_X
ClientSampleId :
PB115614ZHE#07

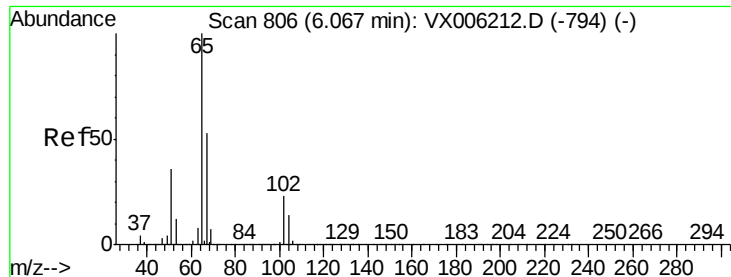
Tot Ion: 43 Resp: 26826
Ion Ratio Lower Upper
43 100
74 25.5 17.9 26.9



#20
Methylene Chloride
Concen: 1.638 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006499.D
Acq: 13 Dec 2018 17:04

Tgt Ion: 84 Resp: 10578
Ion Ratio Lower Upper
84 100
49 120.2 102.2 153.4
51 30.6 31.1 46.7#
86 60.5 53.7 80.5

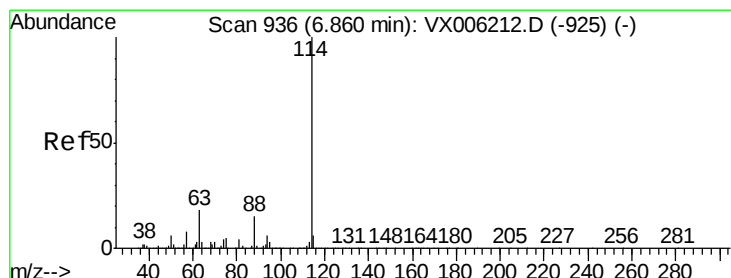
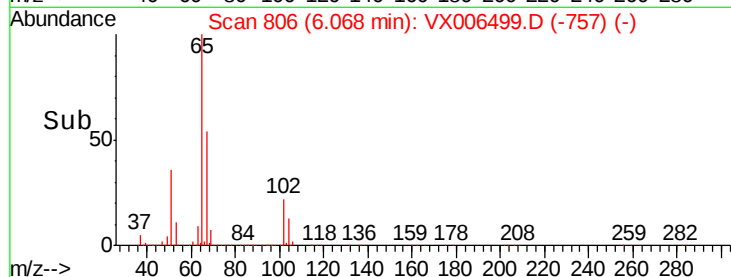
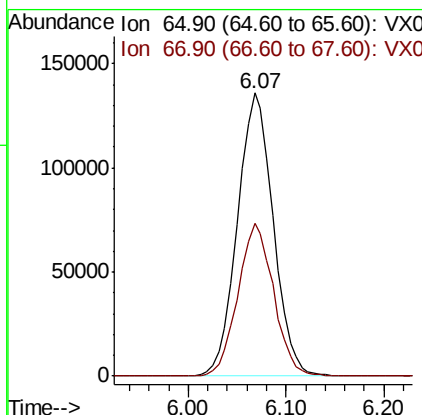
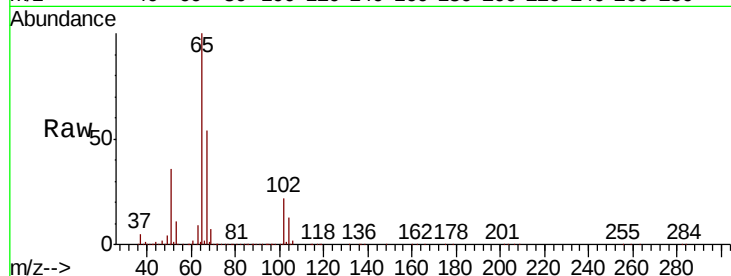




#33
 1,2-Dichloroethane-d4
 Concen: 53.220 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006499.D
 Acq: 13 Dec 2018 17:04

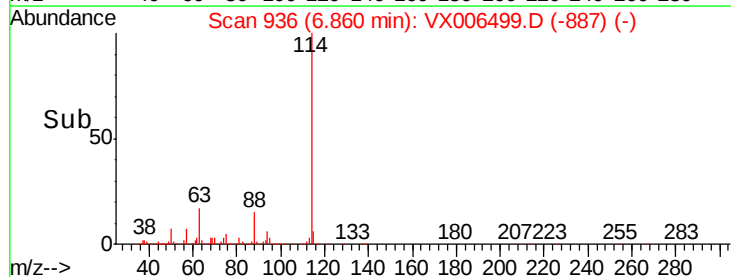
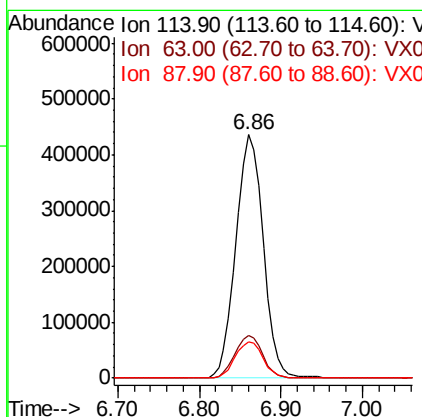
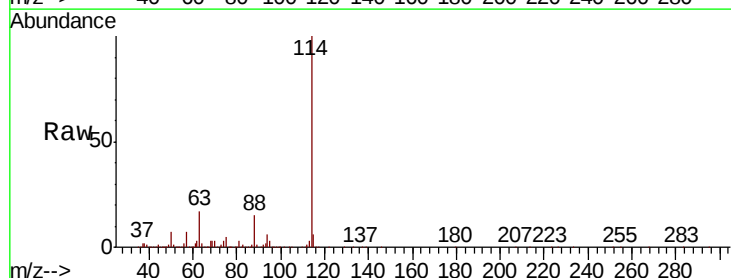
Instrument :
 MSVOA_X
 ClientSampleId :
 PB115614ZHE#07

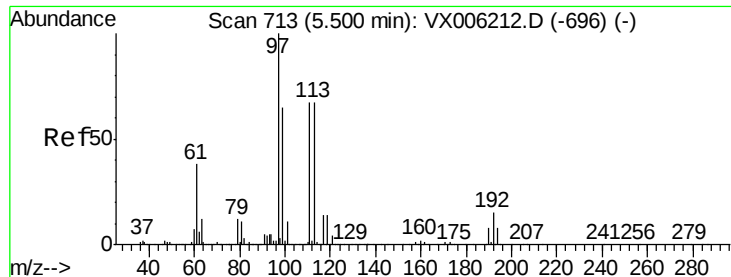
Tot Ion: 65 Resp: 344115
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006499.D
 Acq: 13 Dec 2018 17:04

Tgt Ion: 114 Resp: 1016643
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.6
 88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.093 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006499.D

Acq: 13 Dec 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

PB115614ZHE#07

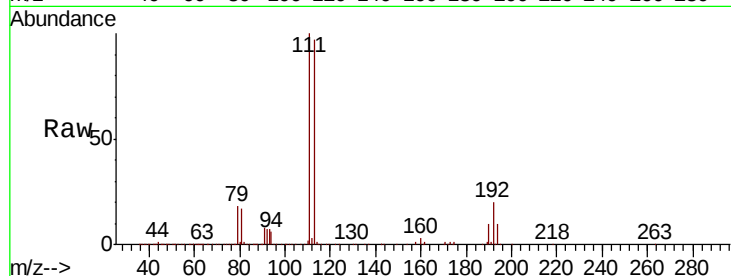
Tot Ion:113 Resp: 303401

Ion Ratio Lower Upper

113 100

111 103.1 81.1 121.7

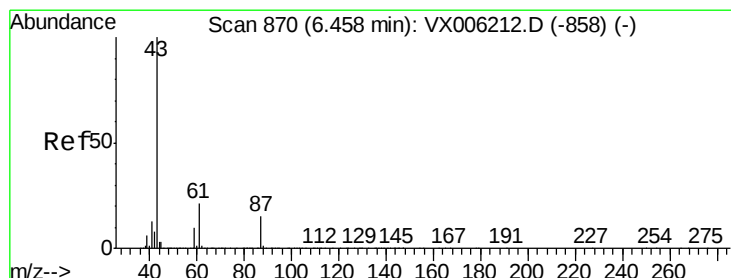
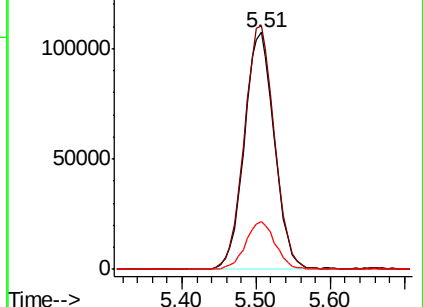
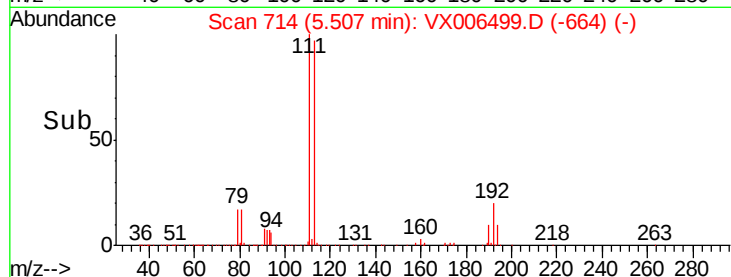
192 20.0 18.2 27.2



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: 2.161 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006499.D

Acq: 13 Dec 2018 17:04

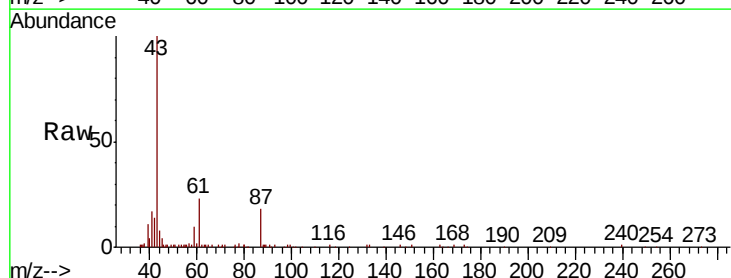
Tgt Ion: 43 Resp: 34551

Ion Ratio Lower Upper

43 100

61 23.0 16.8 25.2

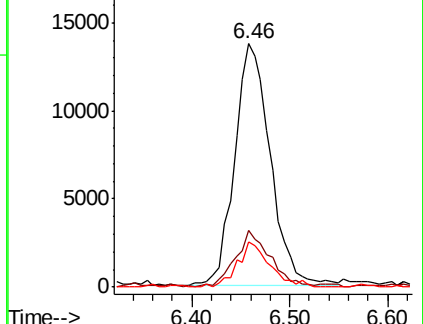
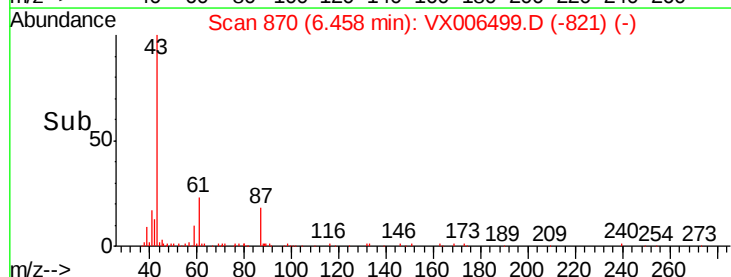
87 17.1 11.9 17.9

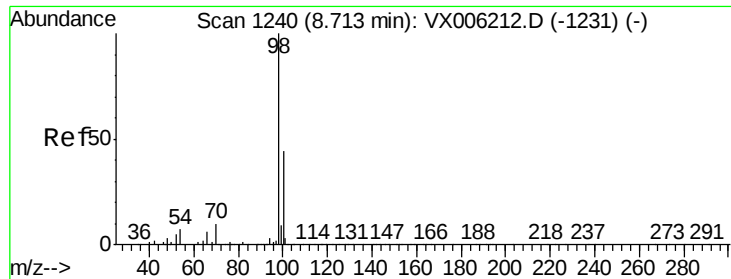


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.532 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006499.D

Acq: 13 Dec 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

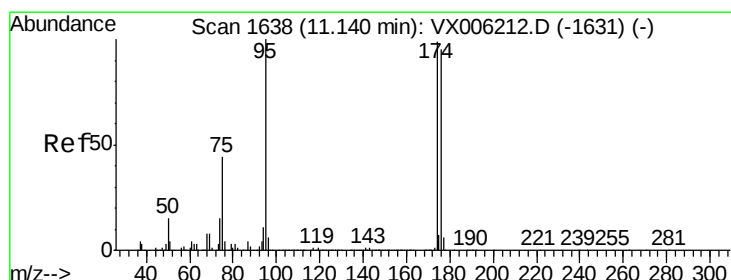
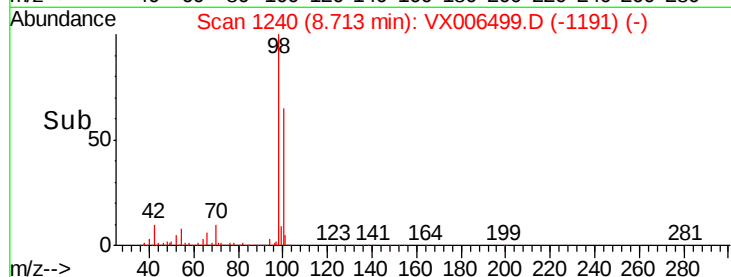
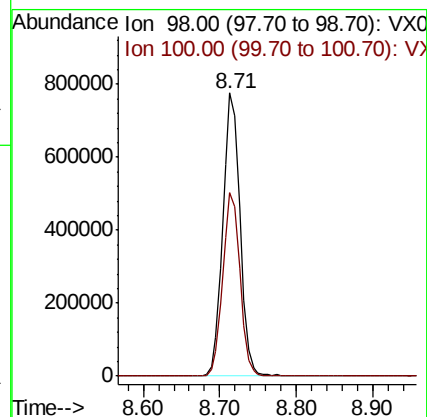
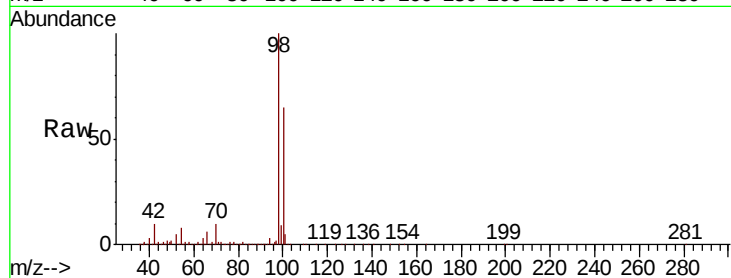
PB115614ZHE#07

Tot Ion: 98 Resp: 1209882

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.915 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006499.D

Acq: 13 Dec 2018 17:04

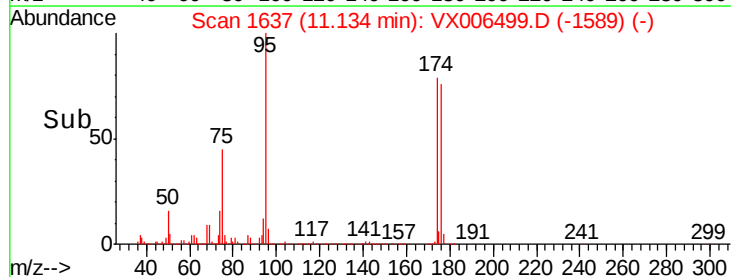
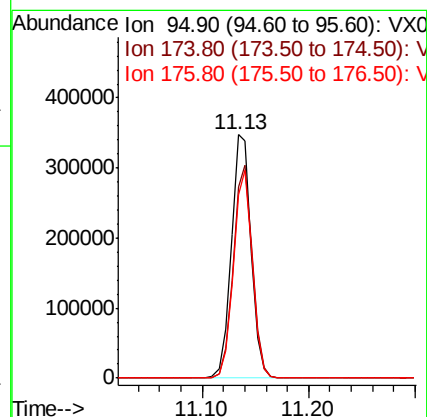
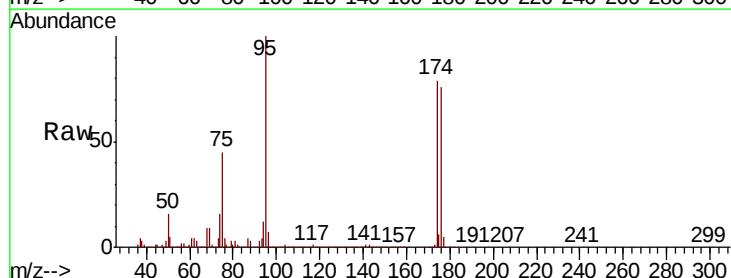
Tgt Ion: 95 Resp: 450350

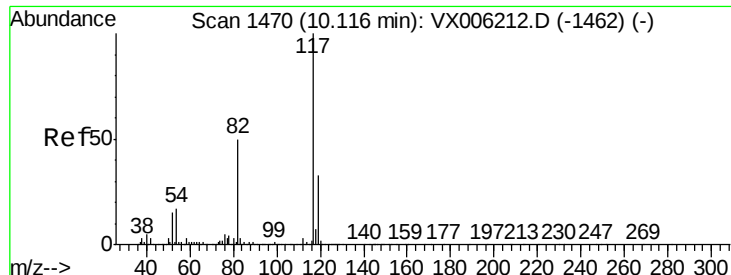
Ion Ratio Lower Upper

95 100

174 85.3 0.0 187.0

176 82.3 0.0 181.8

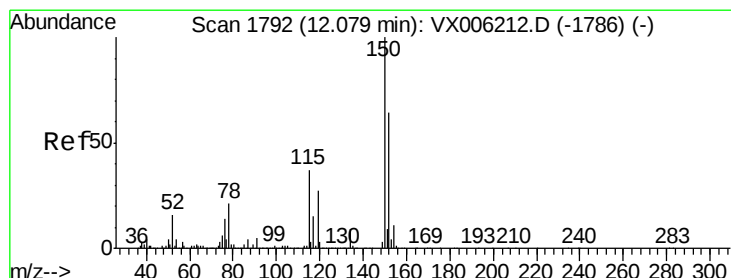
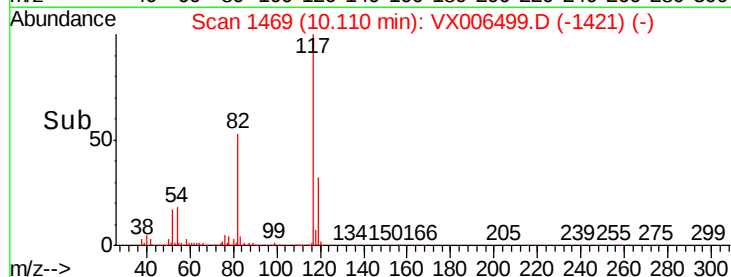
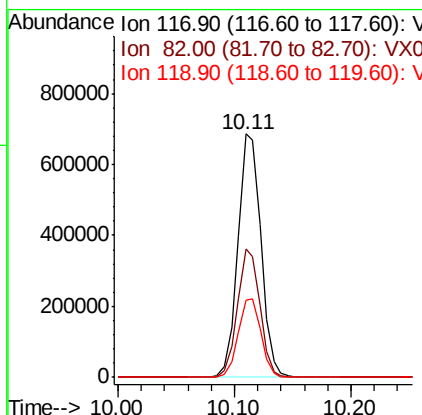
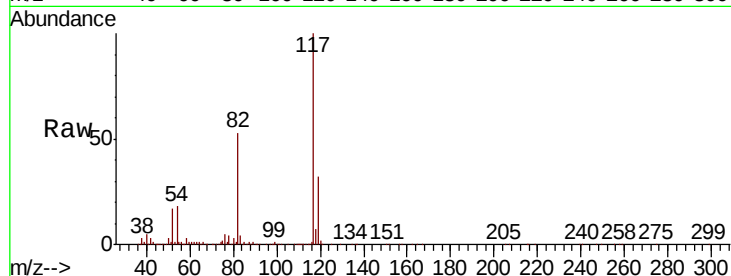




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006499.D
Acq: 13 Dec 2018 17:04

Instrument :
MSVOA_X
ClientSampleId :
PB115614ZHE#07

Tot Ion:117 Resp: 946792
Ion Ratio Lower Upper
117 100
82 53.0 39.6 59.4
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006499.D
Acq: 13 Dec 2018 17:04

Tgt Ion:152 Resp: 452503
Ion Ratio Lower Upper
152 100
115 56.7 39.0 116.9
150 155.7 0.0 345.8

