

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020419\
 Data File : VX007358.D
 Acq On : 04 Feb 2019 14:43
 Operator : JC/SP
 Sample : PB116780ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116780ZHE#03

Quant Time: Feb 05 00:38:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

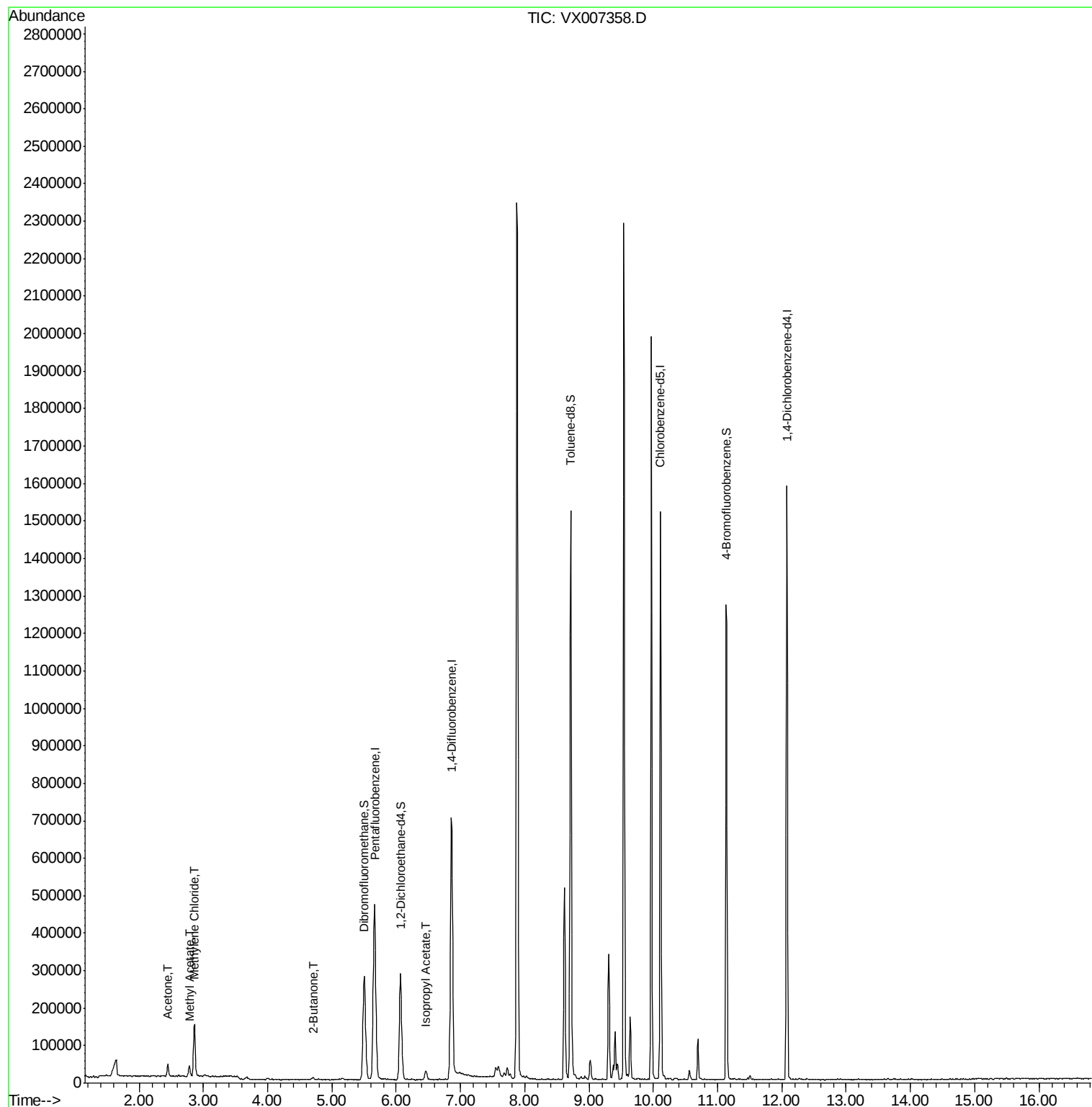
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	486090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	751560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	727104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	339885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	259747	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
35) Dibromofluoromethane	5.50	113	233187	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	8.71	98	926429	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.13	95	323805	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
Target Compounds						
16) Acetone	2.45	43	34803	14.726	ug/l	96
18) Methyl Acetate	2.78	43	34523	6.133	ug/l	95
20) Methylene Chloride	2.85	84	67174	13.629	ug/l	96
25) 2-Butanone	4.71	43	8324	2.475	ug/l	98
43) Isopropyl Acetate	6.46	43	32146	3.055	ug/l	99

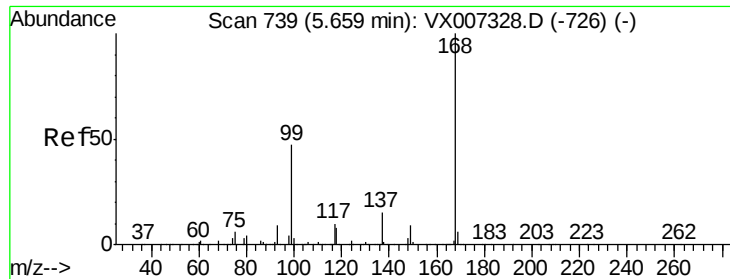
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX007358.D

Acq: 04 Feb 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

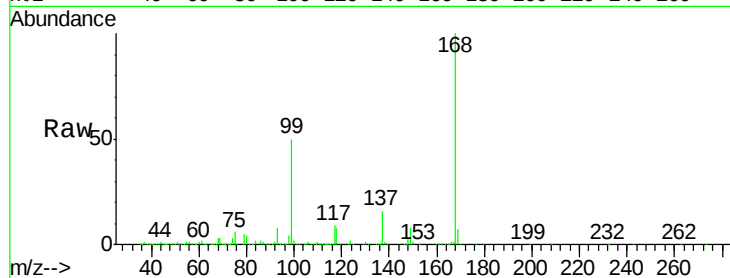
PB116780ZHE#03

Tot Ion:168 Resp: 486090

Ion Ratio Lower Upper

168 100

99 49.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

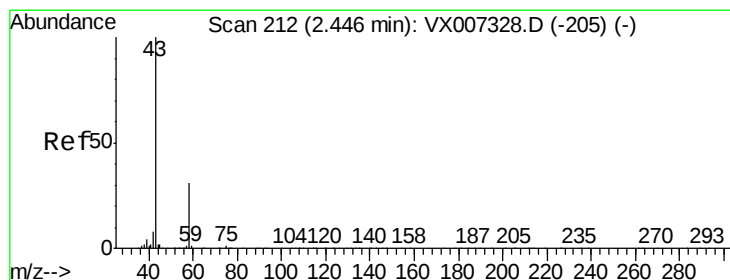
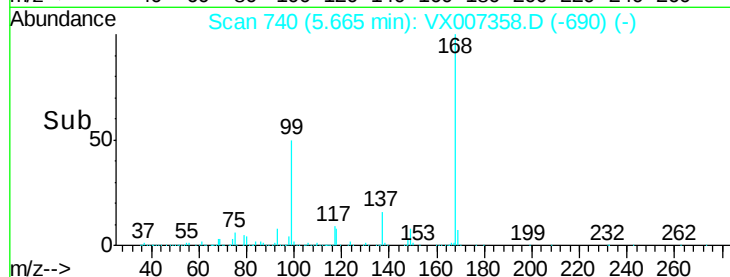
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.726 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007358.D

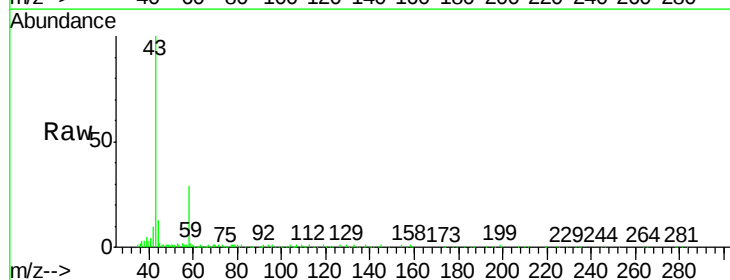
Acq: 04 Feb 2019 14:43

Tgt Ion: 43 Resp: 34803

Ion Ratio Lower Upper

43 100

58 29.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

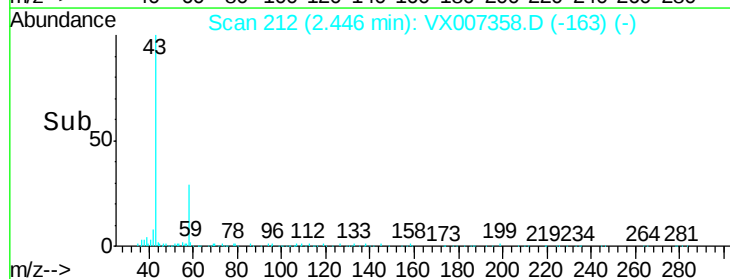
15000

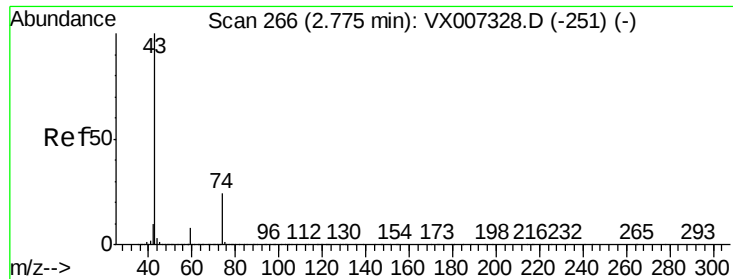
10000

5000

0

Time-->

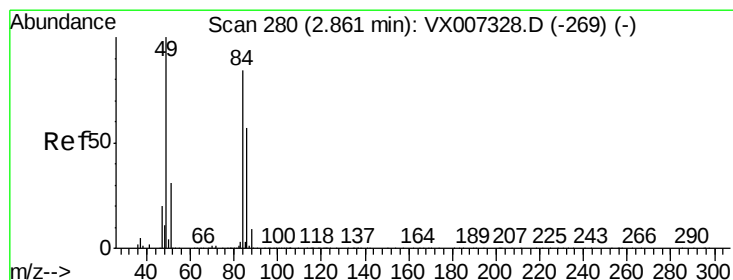
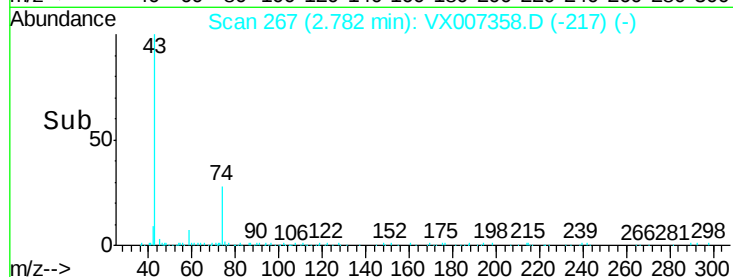
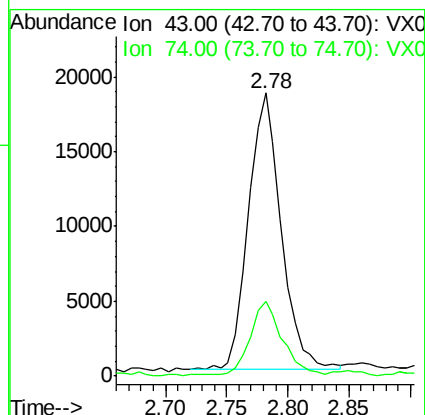
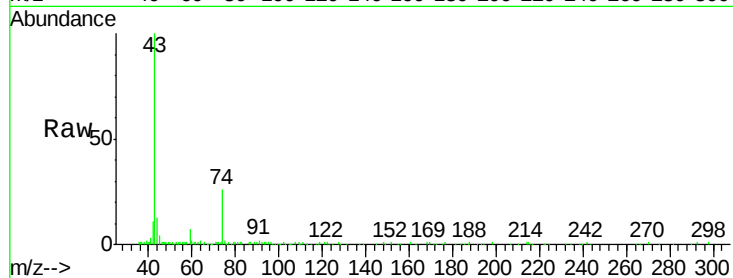




#18
Methyl Acetate
Concen: 6.133 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007358.D
Acq: 04 Feb 2019 14:43

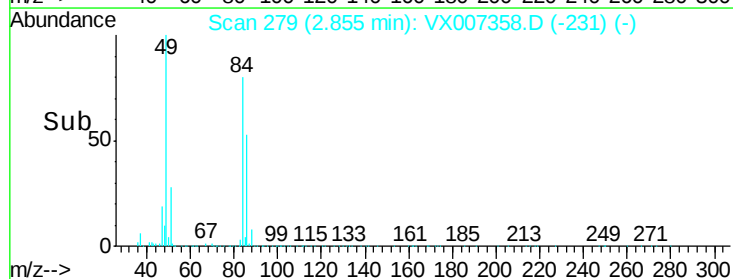
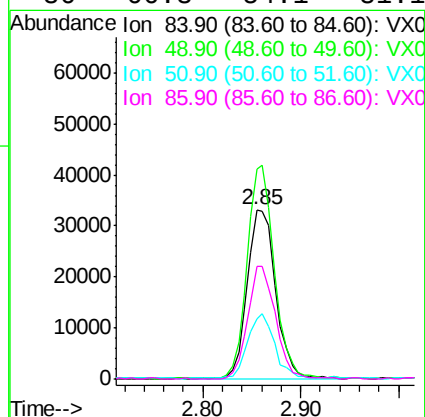
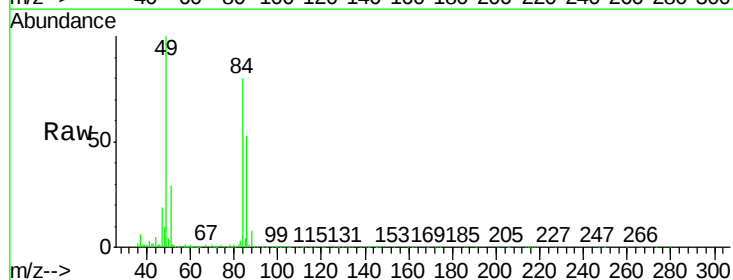
Instrument :
MSVOA_X
ClientSampleId :
PB116780ZHE#03

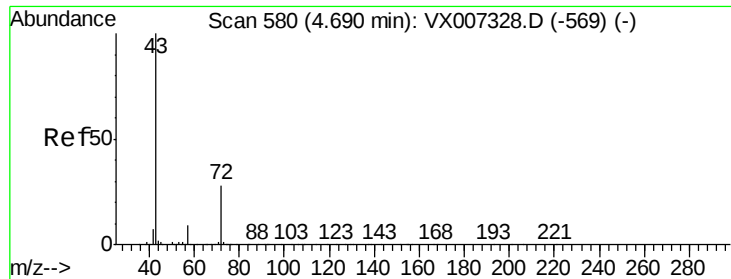
Tot Ion: 43 Resp: 34523
Ion Ratio Lower Upper
43 100
74 26.5 19.4 29.2



#20
Methylene Chloride
Concen: 13.629 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007358.D
Acq: 04 Feb 2019 14:43

Tgt Ion: 84 Resp: 67174
Ion Ratio Lower Upper
84 100
49 124.0 94.8 142.2
51 34.8 29.8 44.8
86 66.3 54.1 81.1

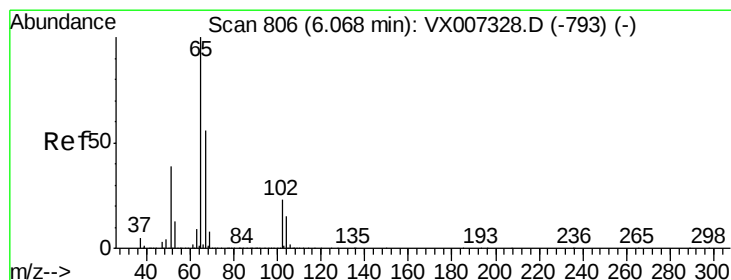
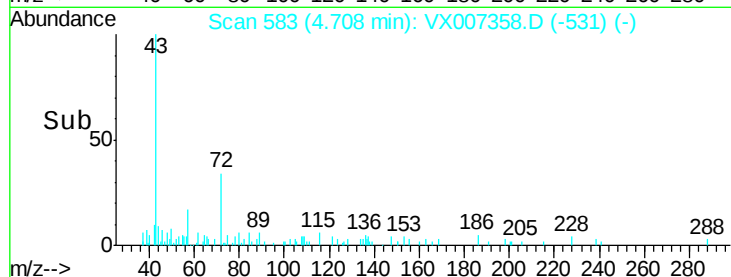
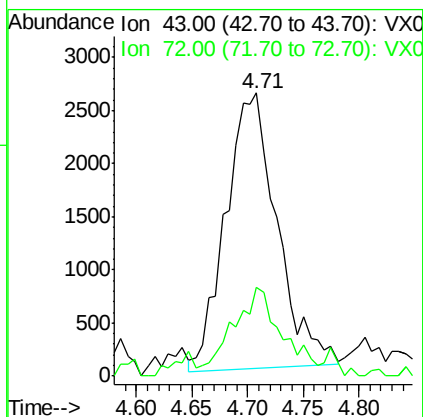
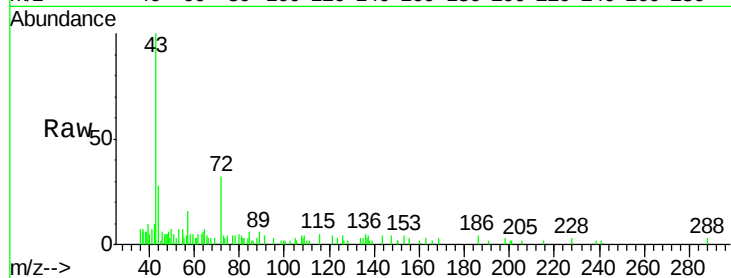




#25
2-Butanone
Concen: 2.475 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX007358.D
Acq: 04 Feb 2019 14:43

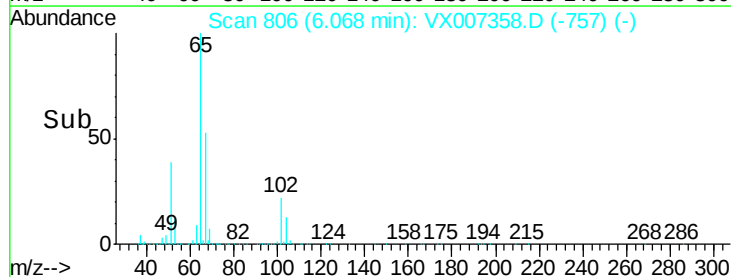
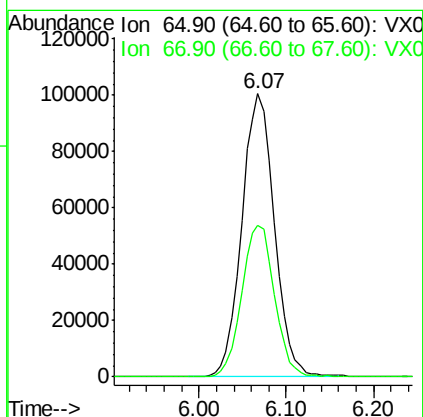
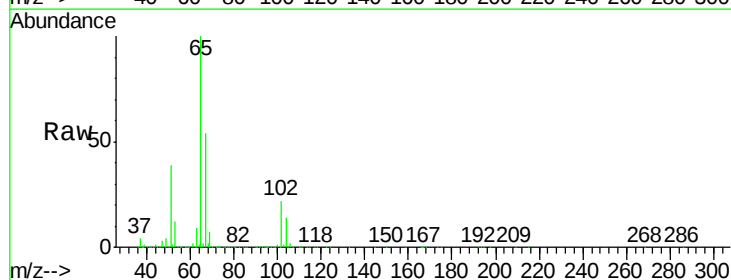
Instrument :
MSVOA_X
ClientSampleId :
PB116780ZHE#03

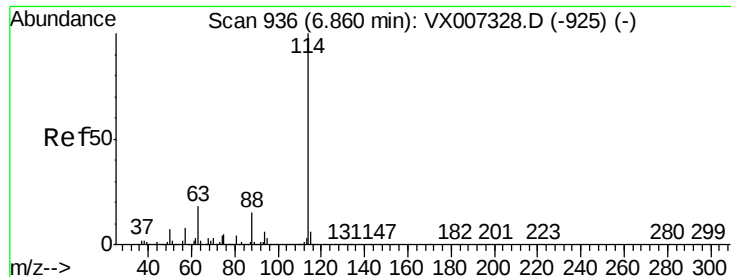
Tot Ion: 43 Resp: 8324
Ion Ratio Lower Upper
43 100
72 28.5 22.2 33.2



#33
1,2-Dichloroethane-d4
Concen: 50.344 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007358.D
Acq: 04 Feb 2019 14:43

Tgt Ion: 65 Resp: 259747
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007358.D

Acq: 04 Feb 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

PB116780ZHE#03

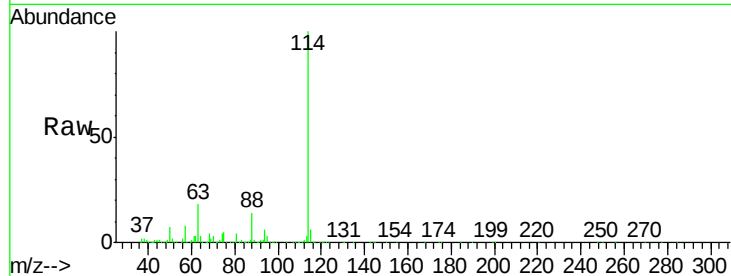
Tot Ion:114 Resp: 751560

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

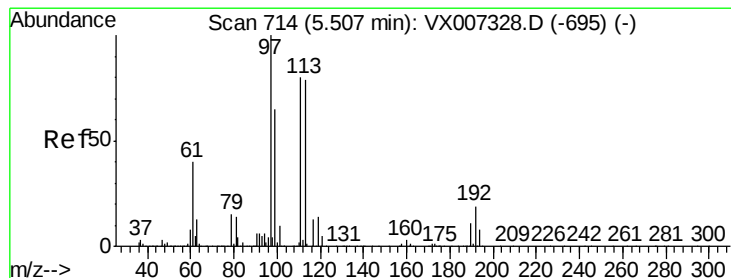
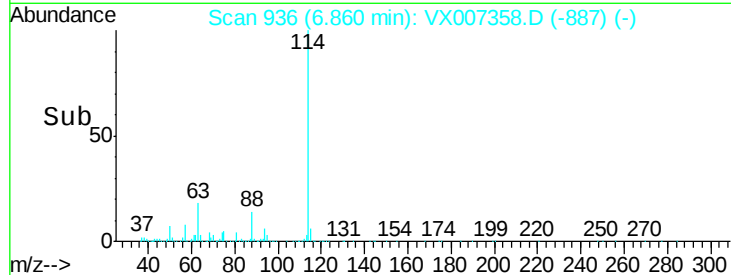
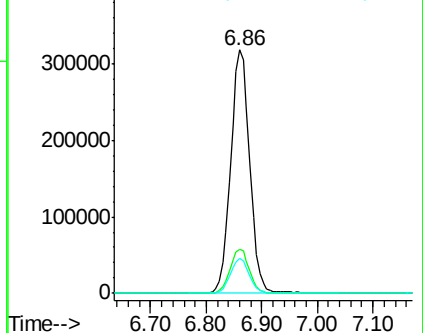
88 14.3 0.0 29.6



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: 47.685 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007358.D

Acq: 04 Feb 2019 14:43

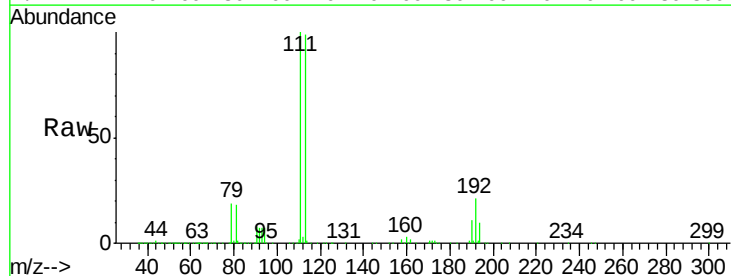
Tgt Ion:113 Resp: 233187

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.8

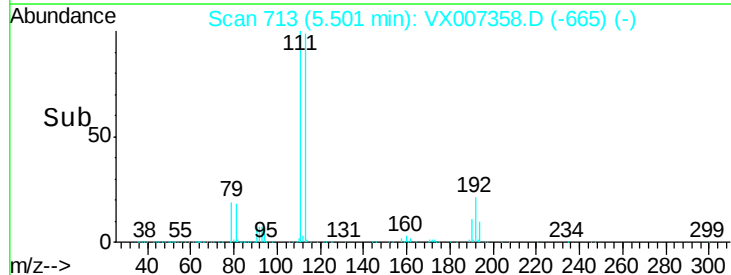
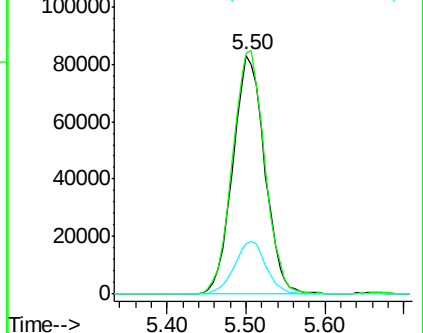
192 22.0 18.5 27.7

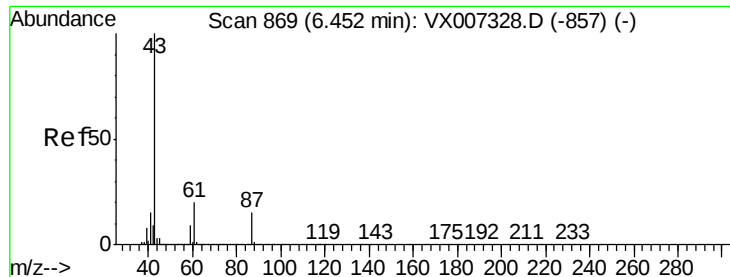


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.055 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007358.D

Acq: 04 Feb 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

PB116780ZHE#03

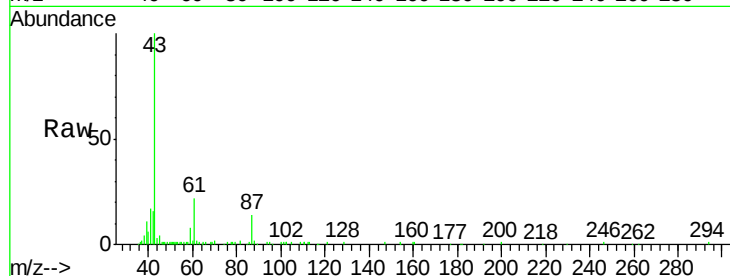
Tot Ion: 43 Resp: 32146

Ion Ratio Lower Upper

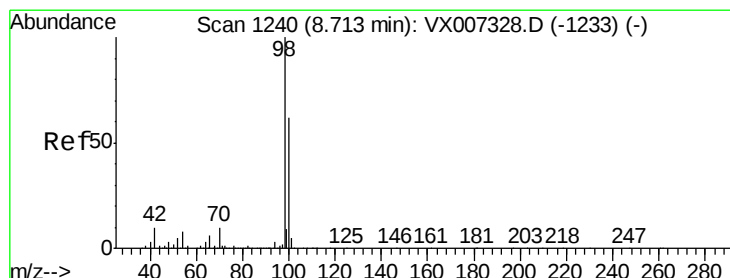
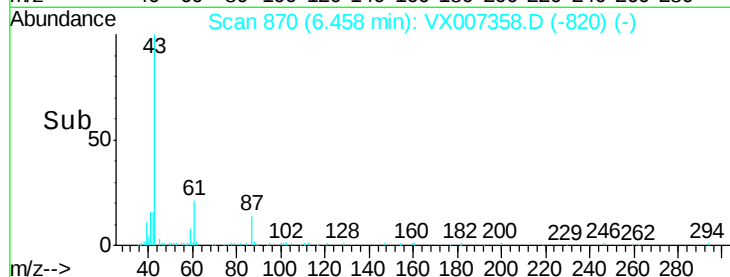
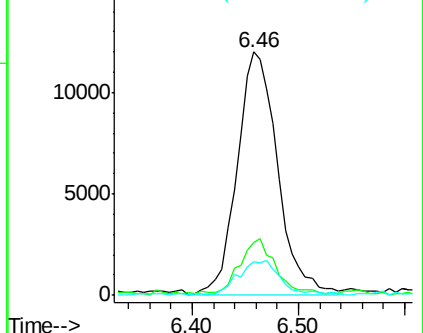
43 100

61 19.9 16.1 24.1

87 15.1 11.5 17.3



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: 51.062 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007358.D

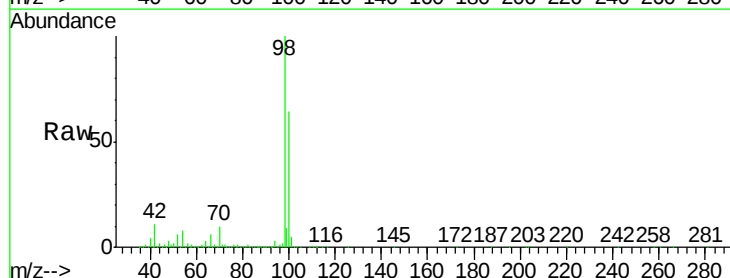
Acq: 04 Feb 2019 14:43

Tgt Ion: 98 Resp: 926429

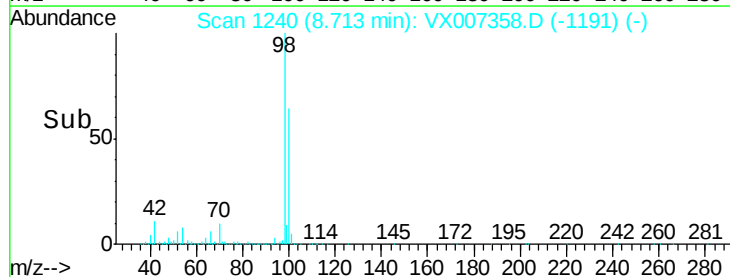
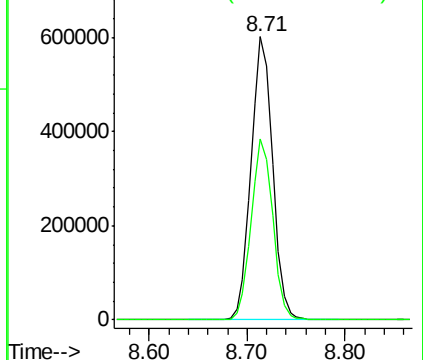
Ion Ratio Lower Upper

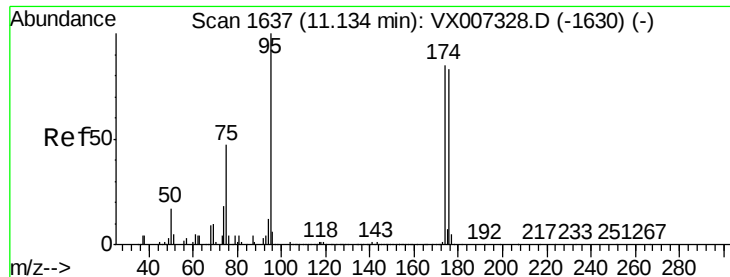
98 100

100 63.8 51.6 77.4



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





#62

4-Bromofluorobenzene

Concen: 48.883 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007358.D

Acq: 04 Feb 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

PB116780ZHE#03

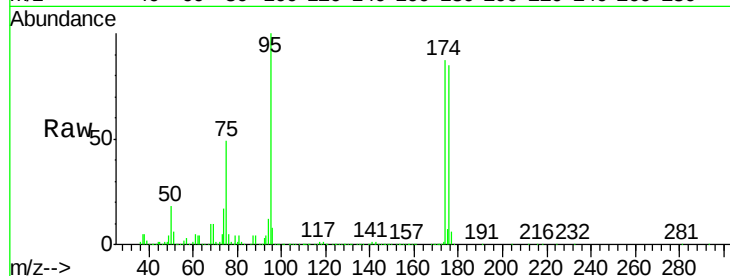
Tot Ion: 95 Resp: 323805

Ion Ratio Lower Upper

95 100

174 93.3 0.0 189.2

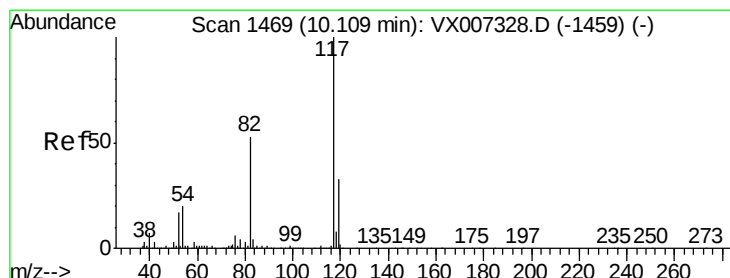
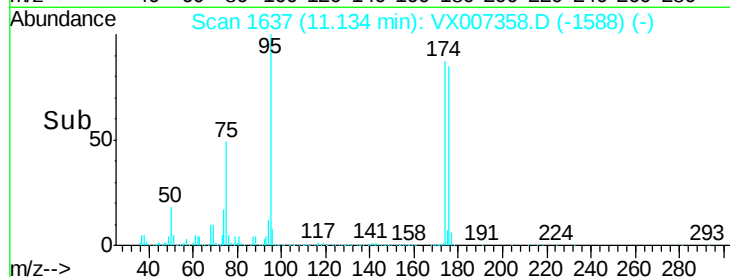
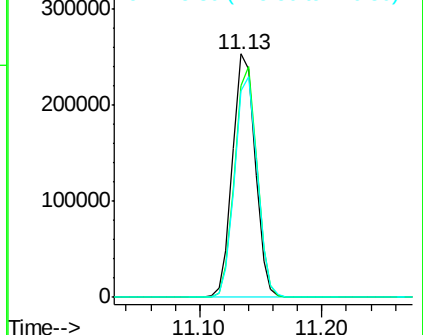
176 90.4 0.0 186.2



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. 0.01 min

Lab File: VX007358.D

Acq: 04 Feb 2019 14:43

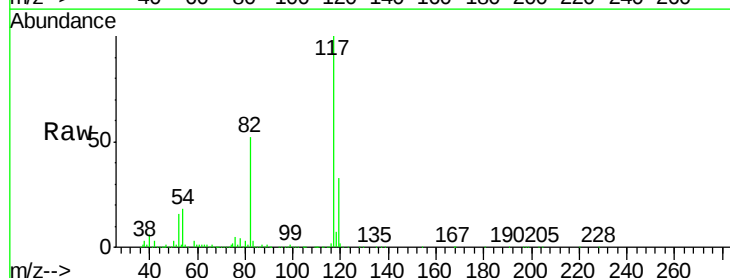
Tgt Ion: 117 Resp: 727104

Ion Ratio Lower Upper

117 100

82 51.5 42.1 63.1

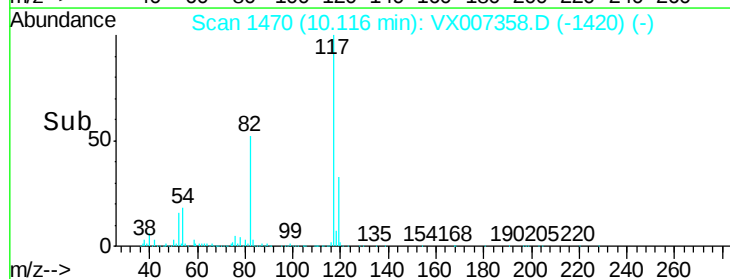
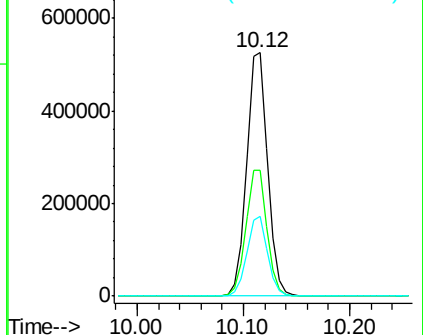
119 32.9 26.5 39.7

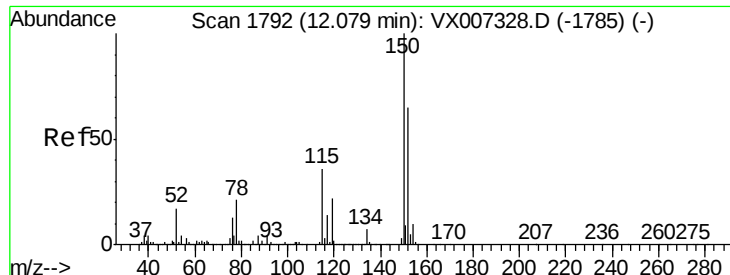


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX007358.D

Acq: 04 Feb 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

PB116780ZHE#03

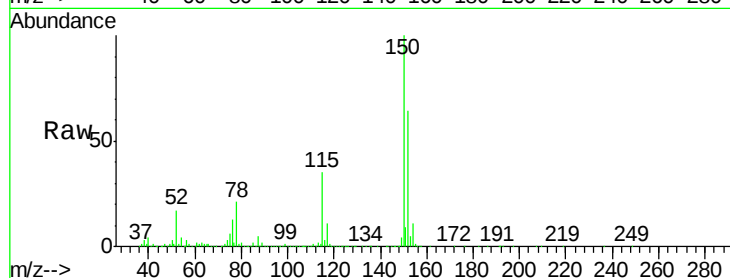
Tot Ion:152 Resp: 339885

Ion Ratio Lower Upper

152 100

115 54.6 38.0 114.0

150 156.0 0.0 346.4



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

