

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022119\
 Data File : VX007640.D
 Acq On : 21 Feb 2019 19:22
 Operator : JC/SP
 Sample : PB117250ZHE#14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117250ZHE#14

Quant Time: Feb 22 06:19:46 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

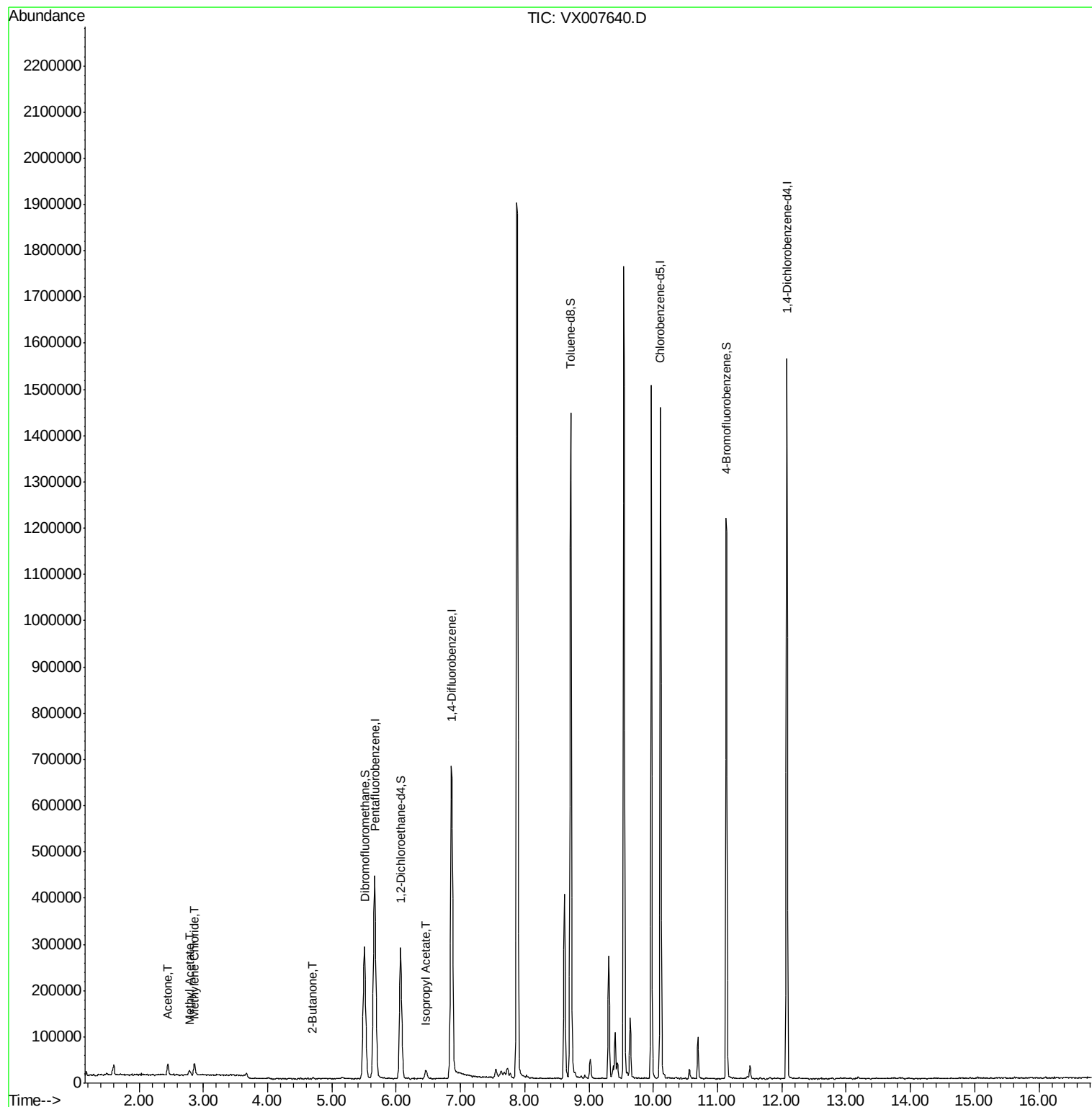
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	440811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	730281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	707403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	331131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	255757	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
35) Dibromofluoromethane	5.51	113	241590	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	8.71	98	893885	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.13	95	309921	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
Target Compounds						
16) Acetone	2.45	43	26565	12.395	ug/l	94
18) Methyl Acetate	2.78	43	13464	2.976	ug/l	95
20) Methylene Chloride	2.86	84	12561	2.496	ug/l	97
25) 2-Butanone	4.70	43	5356	1.756	ug/l #	88
43) Isopropyl Acetate	6.46	43	24176	2.365	ug/l	94

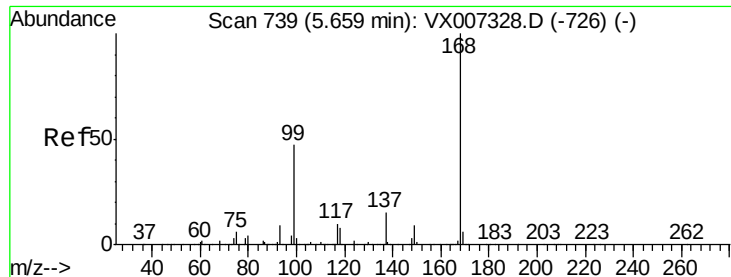
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007640.D

Acq: 21 Feb 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

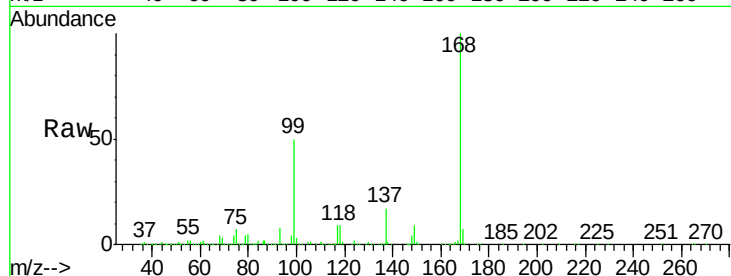
PB117250ZHE#14

Tot Ion:168 Resp: 440811

Ion Ratio Lower Upper

168 100

99 49.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

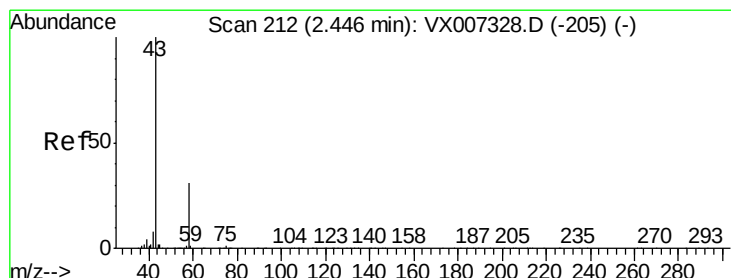
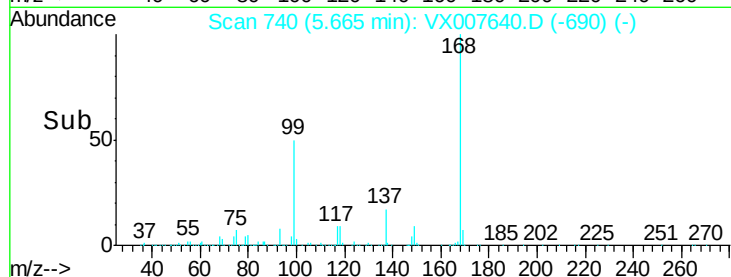
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.395 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007640.D

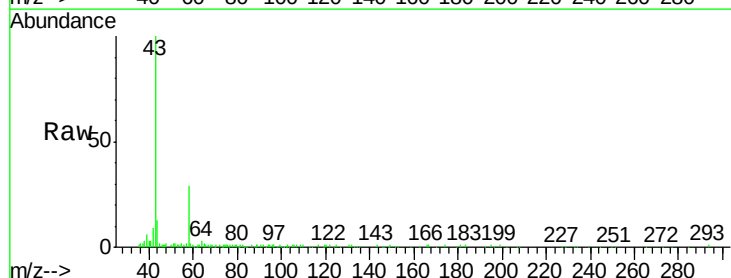
Acq: 21 Feb 2019 19:22

Tgt Ion: 43 Resp: 26565

Ion Ratio Lower Upper

43 100

58 27.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

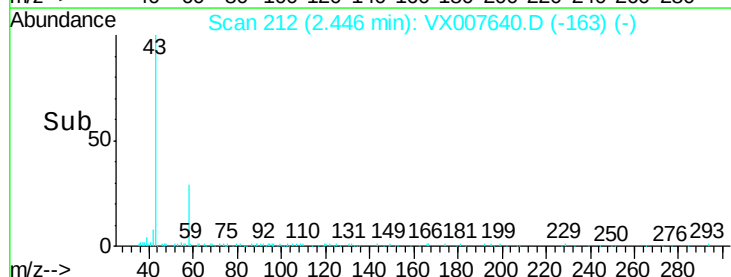
15000

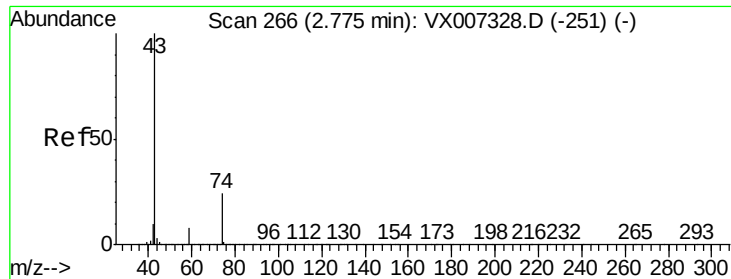
10000

5000

0

Time-->

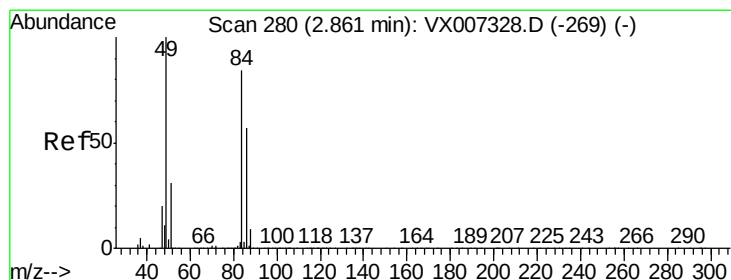
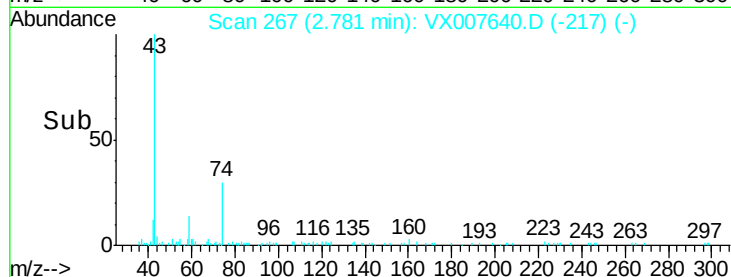
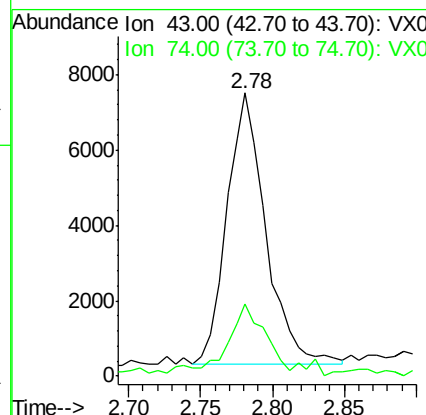
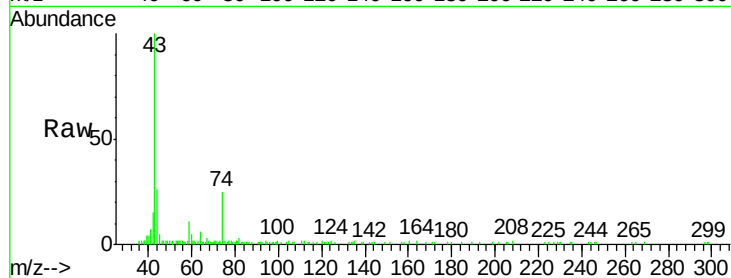




#18
Methyl Acetate
Concen: 2.976 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007640.D
Acq: 21 Feb 2019 19:22

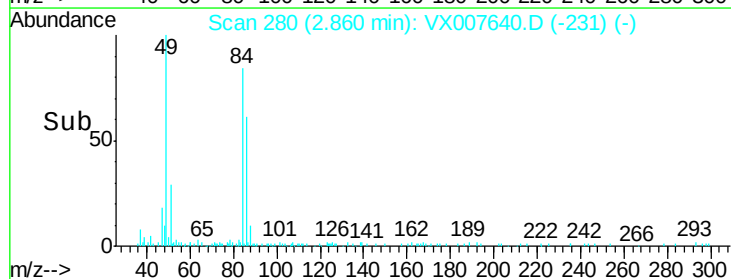
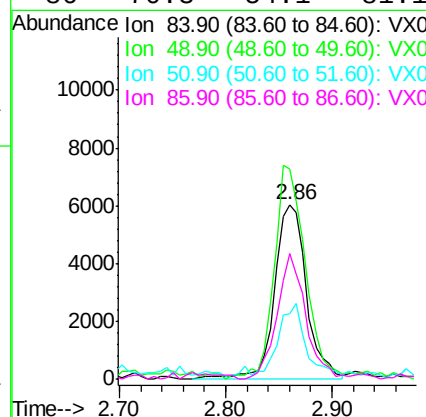
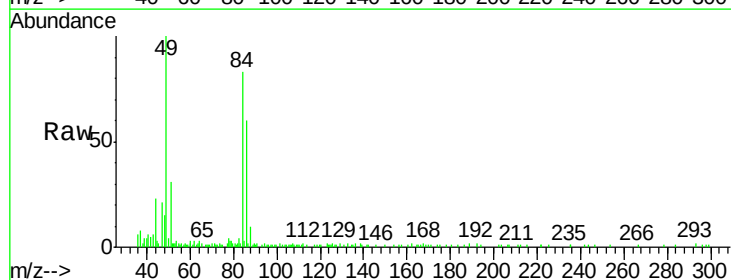
Instrument :
MSVOA_X
ClientSampleId :
PB117250ZHE#14

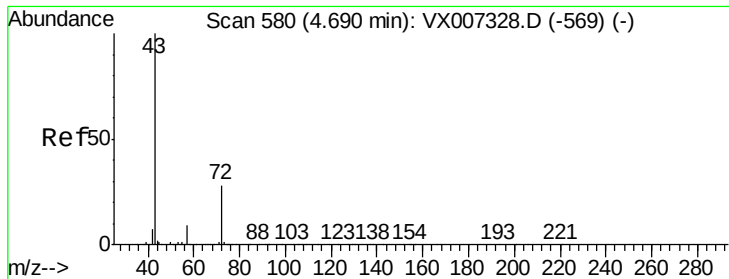
Tot Ion: 43 Resp: 13464
Ion Ratio Lower Upper
43 100
74 21.6 19.4 29.2



#20
Methylene Chloride
Concen: 2.496 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007640.D
Acq: 21 Feb 2019 19:22

Tgt Ion: 84 Resp: 12561
Ion Ratio Lower Upper
84 100
49 116.3 94.8 142.2
51 35.2 29.8 44.8
86 70.3 54.1 81.1





#25

2-Butanone

Concen: 1.756 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007640.D

Acq: 21 Feb 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

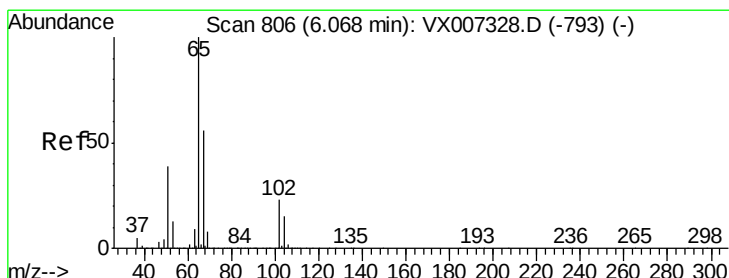
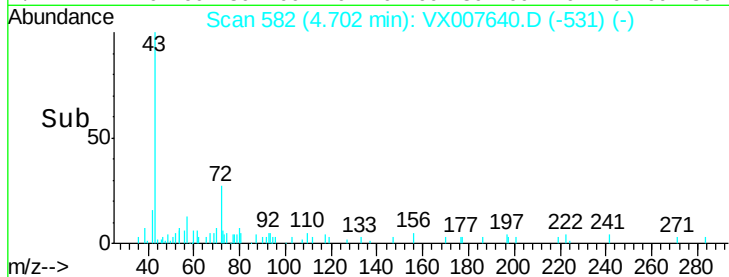
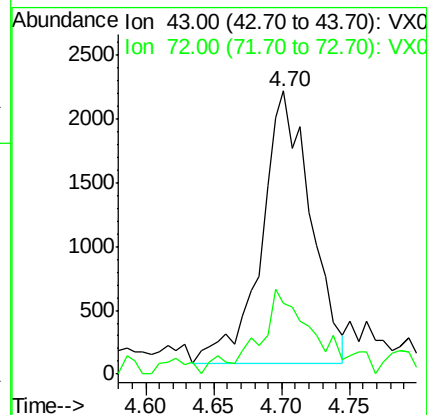
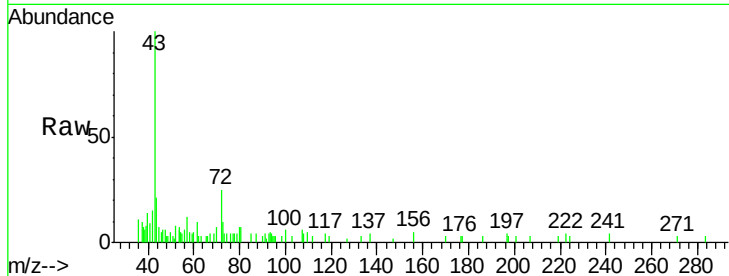
PB117250ZHE#14

Tot Ion: 43 Resp: 5356

Ion Ratio Lower Upper

43 100

72 21.7 22.2 33.2#



#33

1,2-Dichloroethane-d4

Concen: 54.662 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007640.D

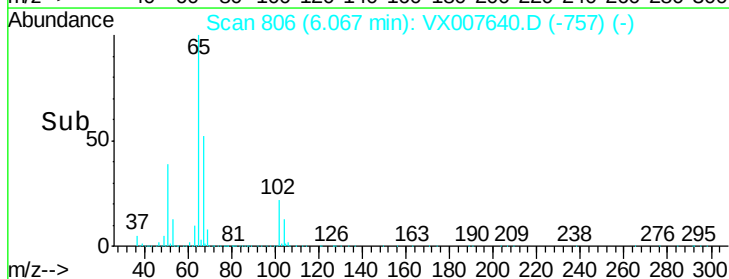
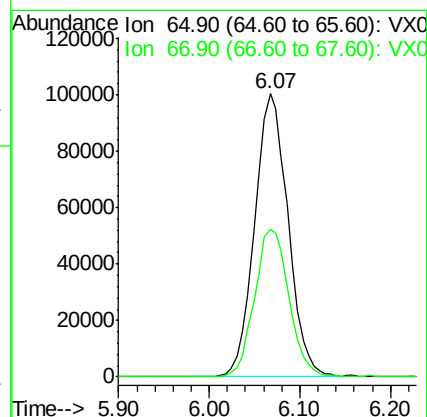
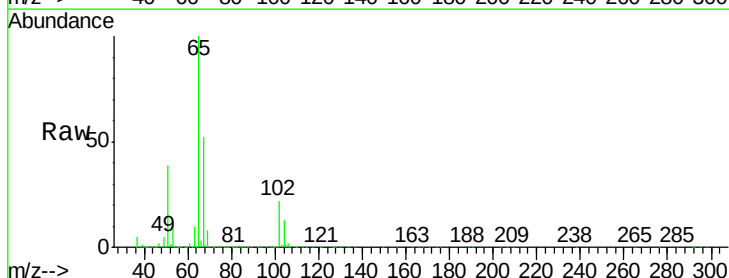
Acq: 21 Feb 2019 19:22

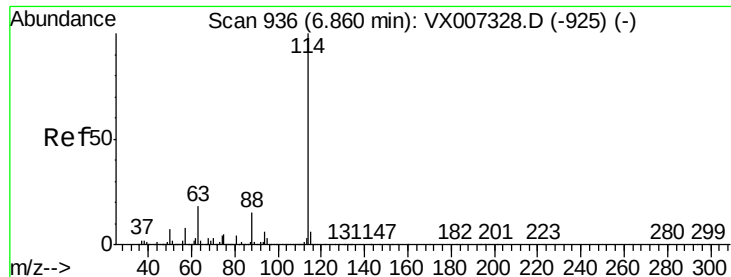
Tgt Ion: 65 Resp: 255757

Ion Ratio Lower Upper

65 100

67 53.4 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: VX007640.D

Acq: 21 Feb 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#14

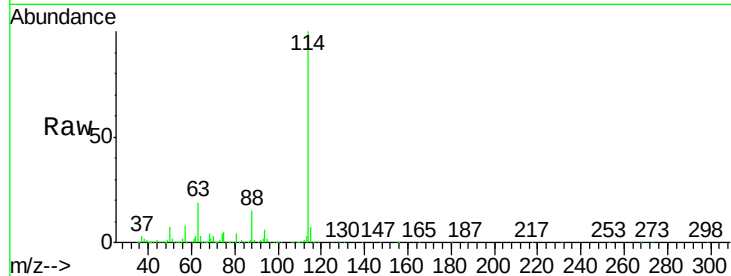
Tot Ion:114 Resp: 730281

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

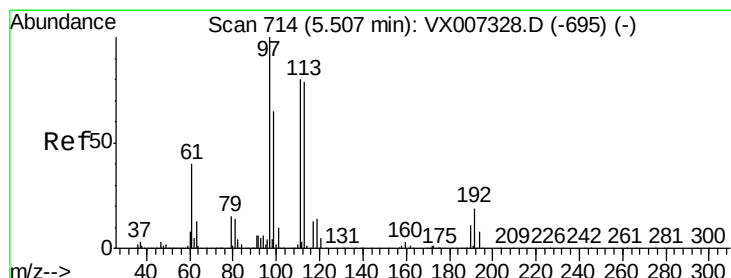
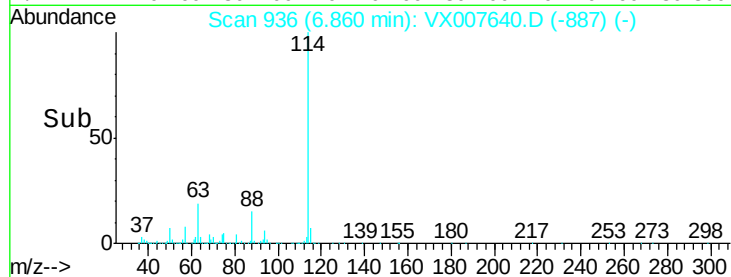
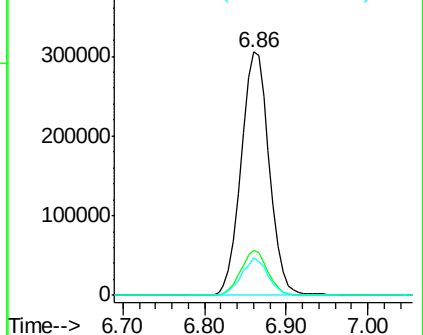
88 15.4 0.0 29.6



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: 50.843 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007640.D

Acq: 21 Feb 2019 19:22

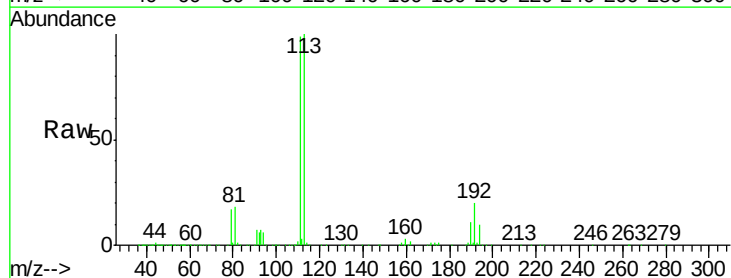
Tgt Ion:113 Resp: 241590

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

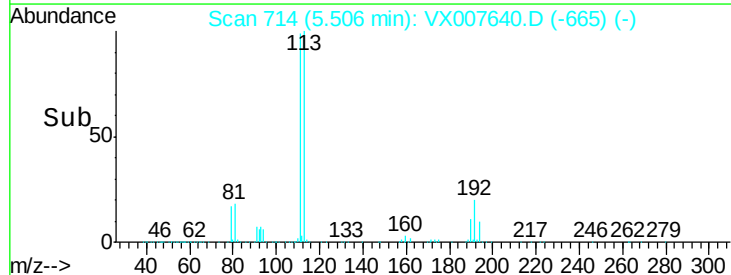
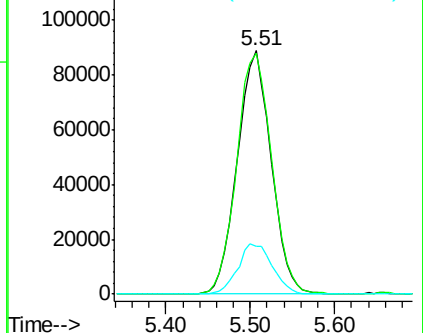
192 21.2 18.5 27.7

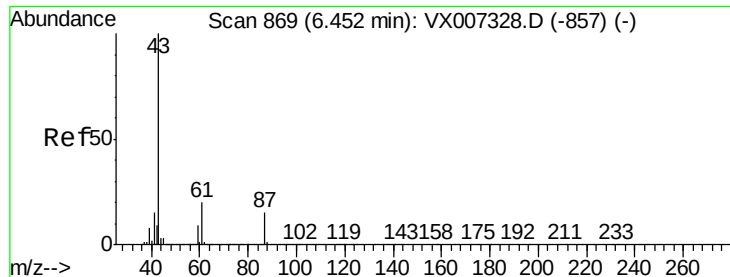


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.365 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007640.D

Acq: 21 Feb 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#14

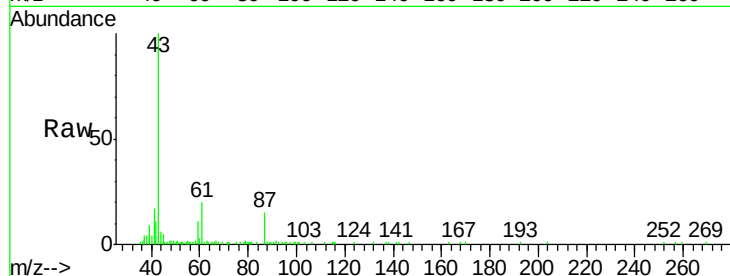
Tot Ion: 43 Resp: 24176

Ion Ratio Lower Upper

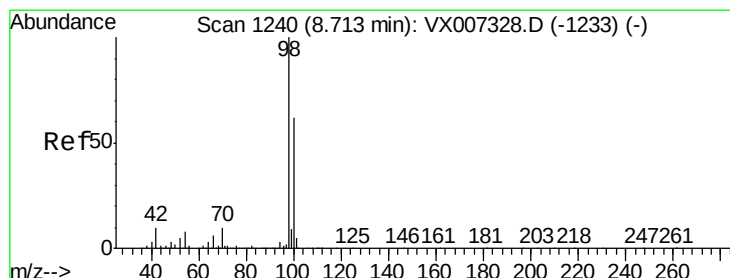
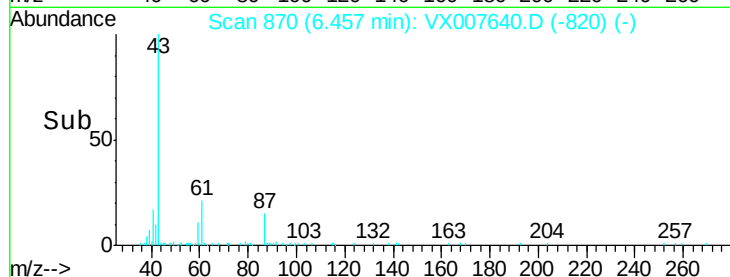
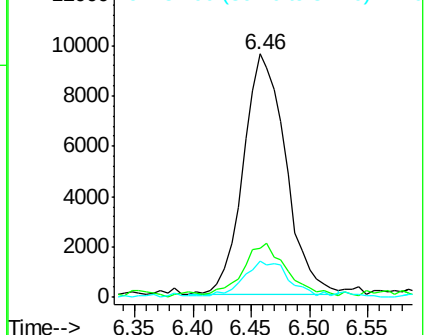
43 100

61 22.8 16.1 24.1

87 16.6 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: 50.704 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007640.D

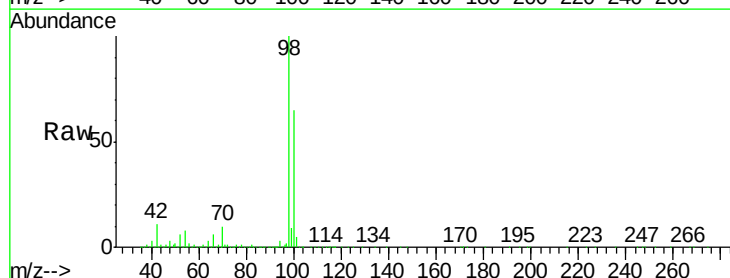
Acq: 21 Feb 2019 19:22

Tgt Ion: 98 Resp: 893885

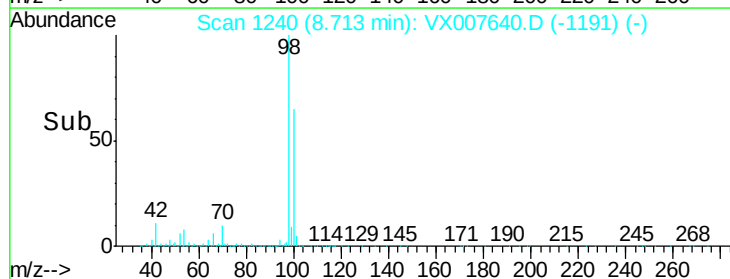
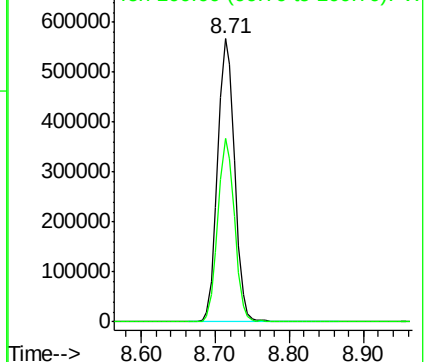
Ion Ratio Lower Upper

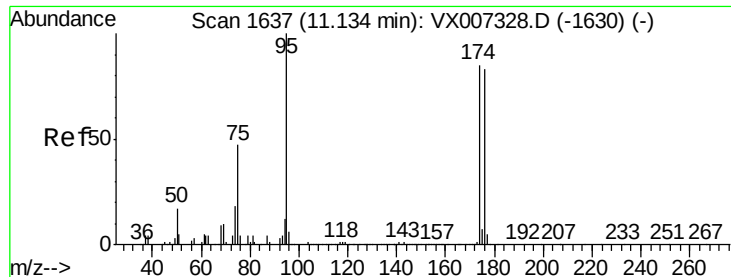
98 100

100 63.6 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: 48.150 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007640.D

Acq: 21 Feb 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#14

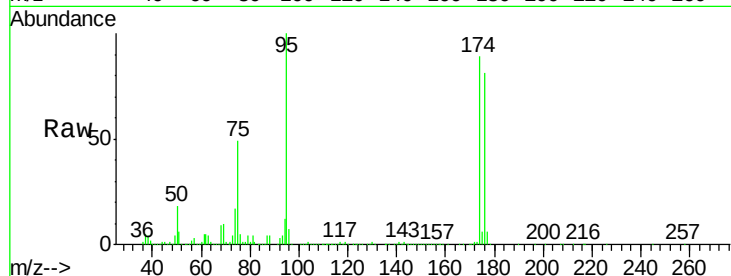
Tot Ion: 95 Resp: 309921

Ion Ratio Lower Upper

95 100

174 92.5 0.0 189.2

176 89.7 0.0 186.2

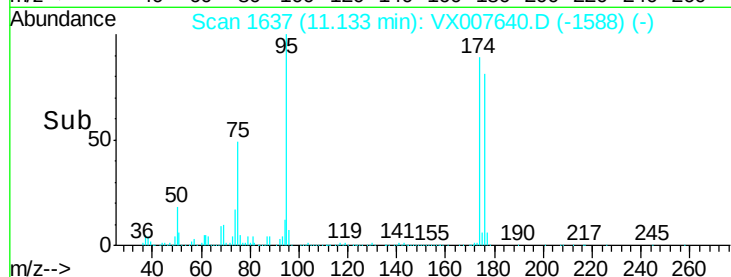


Abundance Ion 94.90 (94.60 to 95.60): VX0

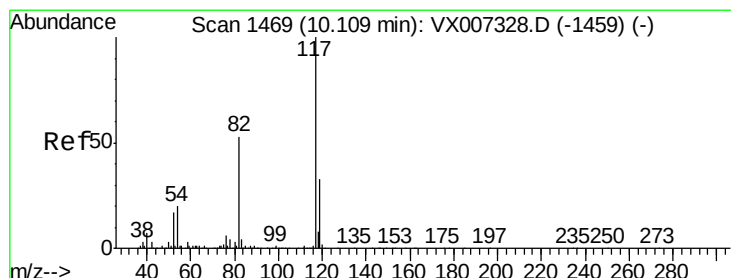
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007640.D

Acq: 21 Feb 2019 19:22

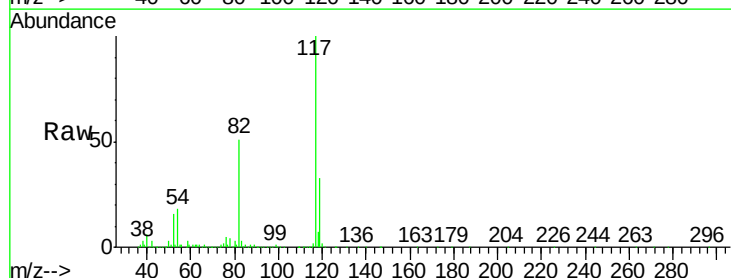
Tgt Ion: 117 Resp: 707403

Ion Ratio Lower Upper

117 100

82 51.1 42.1 63.1

119 33.5 26.5 39.7

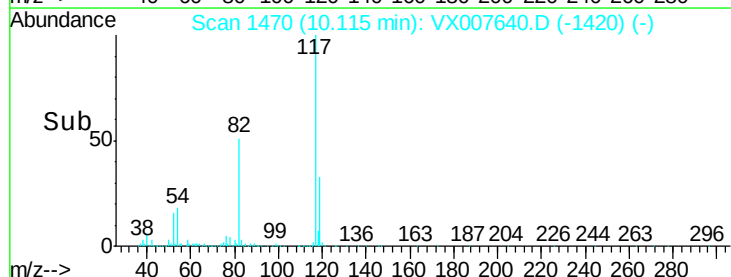


Abundance Ion 116.90 (116.60 to 117.60): V

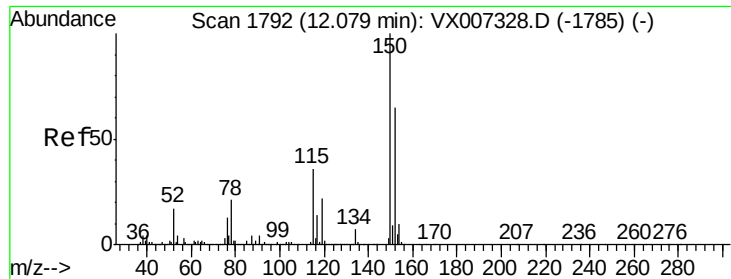
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time-->



Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX007640.D
 Acq: 21 Feb 2019 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117250ZHE#14

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.0	114.0
150	156.7	0.0	346.4

