

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022119\
 Data File : VX007642.D
 Acq On : 21 Feb 2019 20:16
 Operator : JC/SP
 Sample : PB117250ZHE#16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117250ZHE#16

Quant Time: Feb 22 06:26:06 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

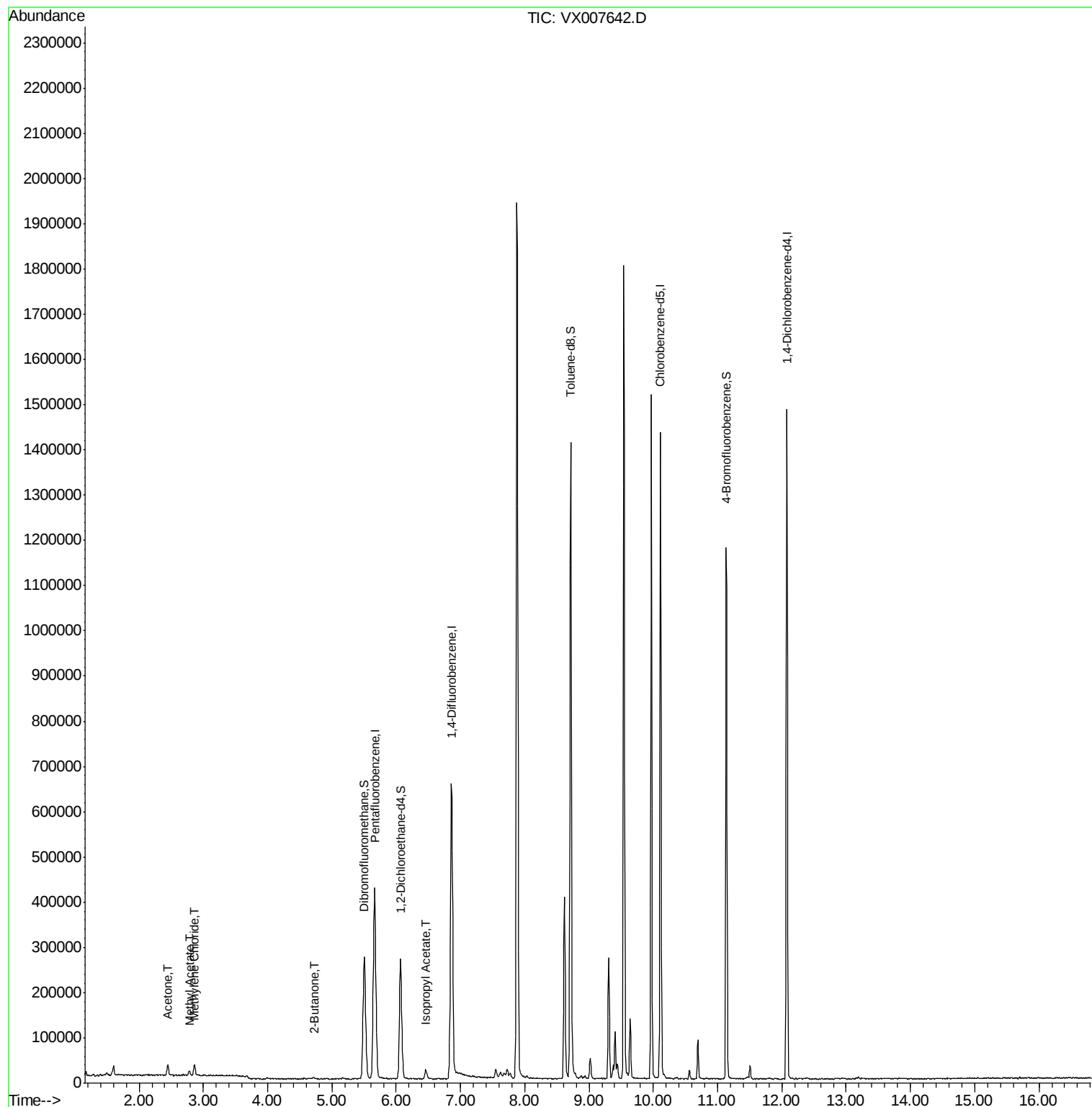
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	418637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	702014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	684944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	320197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	246720	55.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.04%	
35) Dibromofluoromethane	5.50	113	227217	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	8.71	98	863005	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.13	95	299306	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
Target Compounds						
16) Acetone	2.45	43	26018	12.782	ug/l	95
18) Methyl Acetate	2.78	43	12486	2.920	ug/l #	89
20) Methylene Chloride	2.86	84	11571	2.409	ug/l	92
25) 2-Butanone	4.71	43	5111	1.764	ug/l #	88
43) Isopropyl Acetate	6.46	43	24608	2.504	ug/l #	91

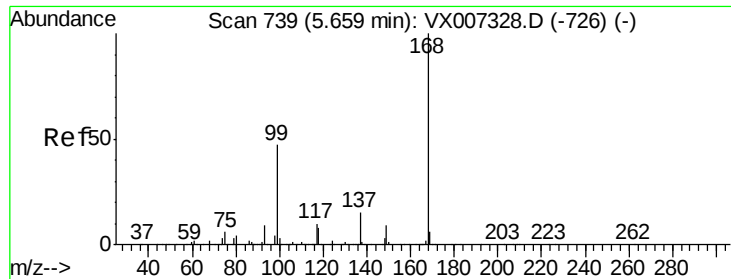
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007642.D

Acq: 21 Feb 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

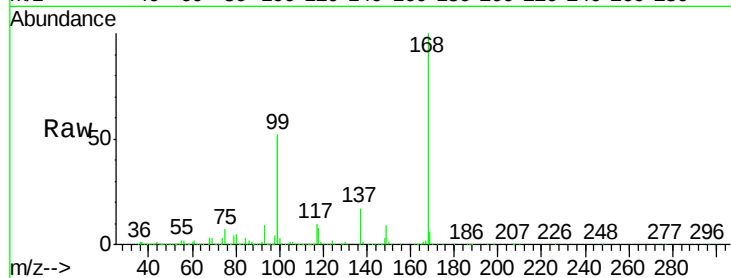
PB117250ZHE#16

Tot Ion:168 Resp: 418637

Ion Ratio Lower Upper

168 100

99 51.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

100000

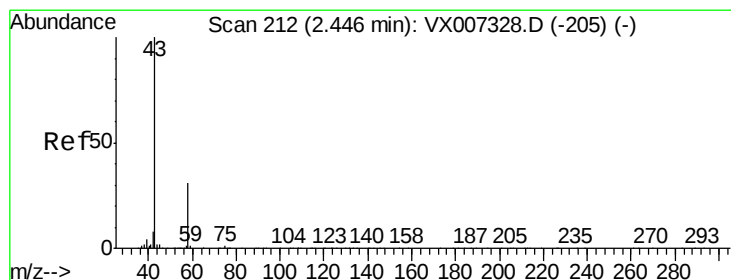
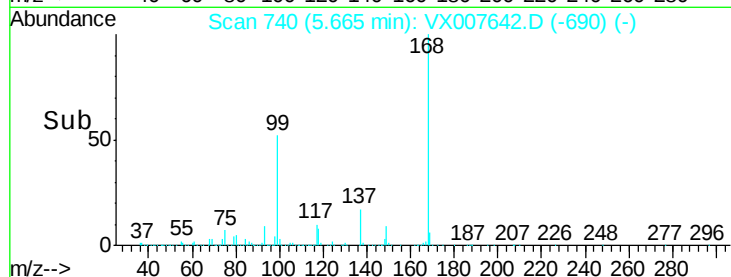
50000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 12.782 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007642.D

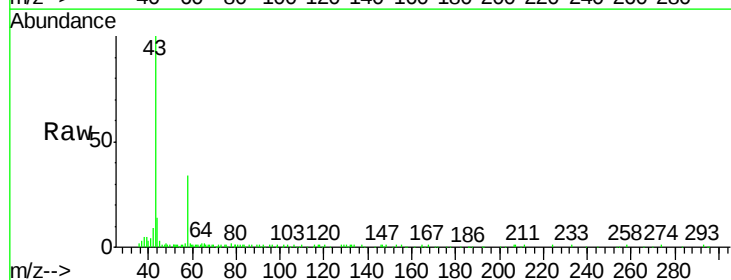
Acq: 21 Feb 2019 20:16

Tgt Ion: 43 Resp: 26018

Ion Ratio Lower Upper

43 100

58 33.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

10000

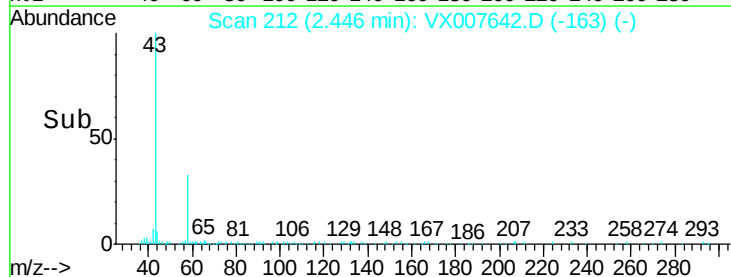
5000

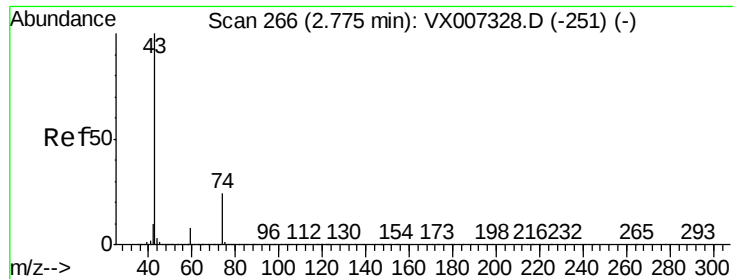
0

2.45

2.40 2.50 2.60

Time-->

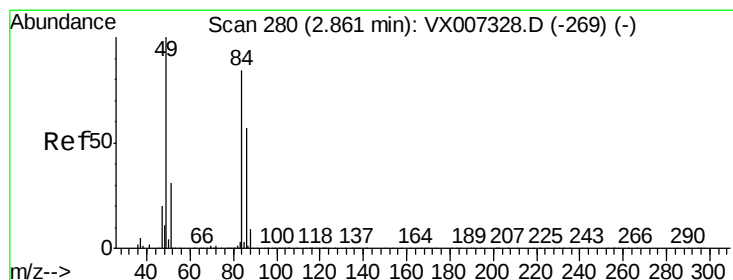
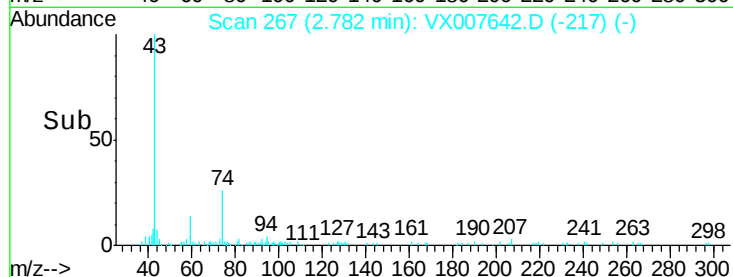
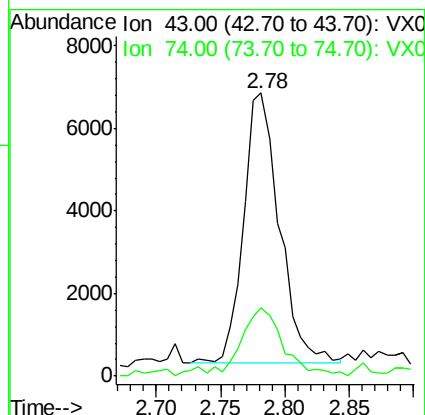
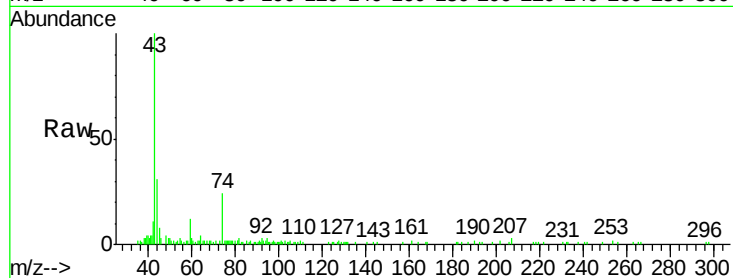




#18
Methyl Acetate
Concen: 2.920 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007642.D
Acq: 21 Feb 2019 20:16

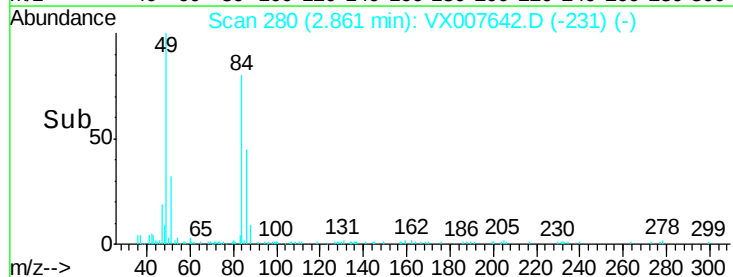
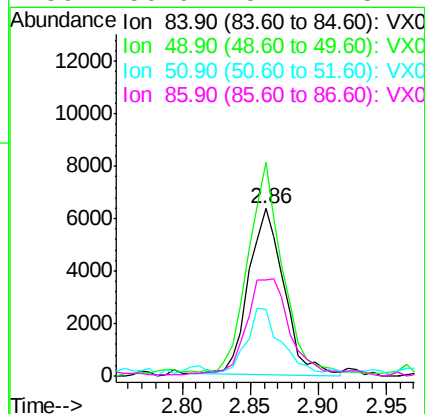
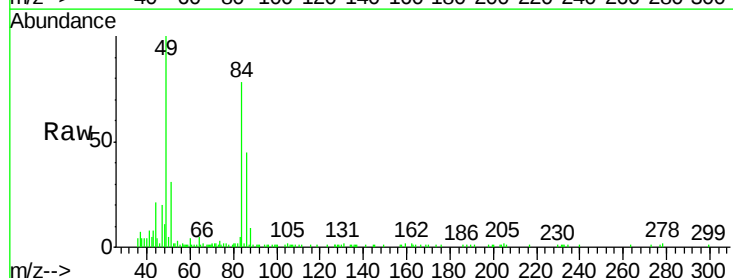
Instrument :
MSVOA_X
ClientSampleId :
PB117250ZHE#16

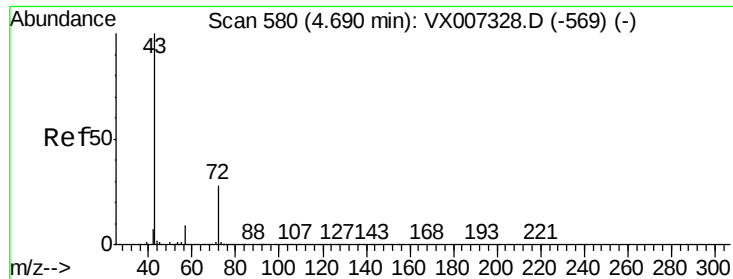
Tot Ion: 43 Resp: 12486
Ion Ratio Lower Upper
43 100
74 29.8 19.4 29.2#



#20
Methylene Chloride
Concen: 2.409 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007642.D
Acq: 21 Feb 2019 20:16

Tgt Ion: 84 Resp: 11571
Ion Ratio Lower Upper
84 100
49 126.7 94.8 142.2
51 37.2 29.8 44.8
86 56.9 54.1 81.1





#25

2-Butanone

Concen: 1.764 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.02 min

Lab File: VX007642.D

Acq: 21 Feb 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

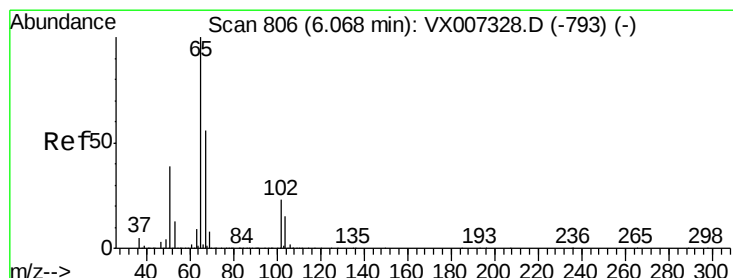
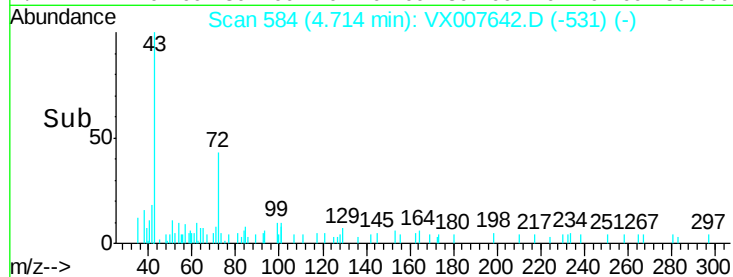
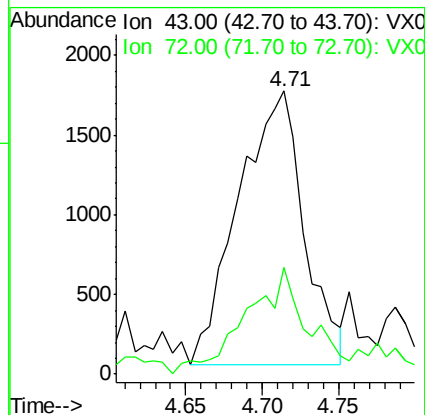
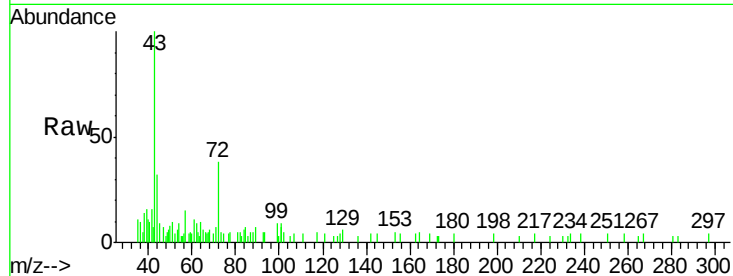
PB117250ZHE#16

Tot Ion: 43 Resp: 5111

Ion Ratio Lower Upper

43 100

72 34.1 22.2 33.2#



#33

1,2-Dichloroethane-d4

Concen: 55.524 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007642.D

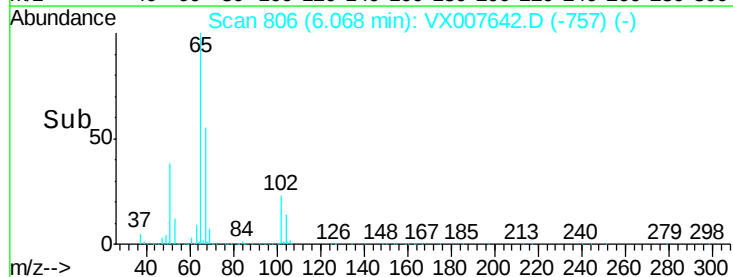
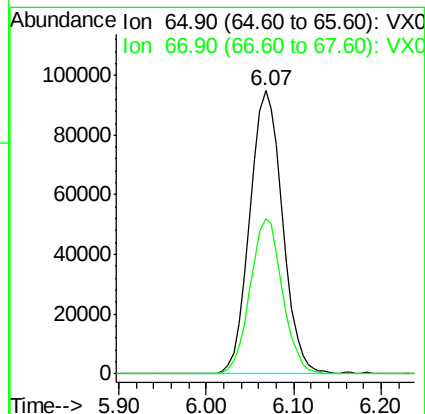
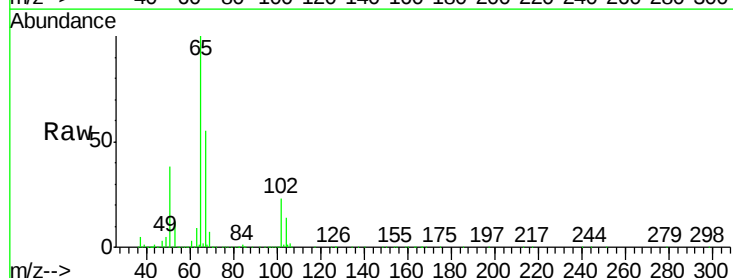
Acq: 21 Feb 2019 20:16

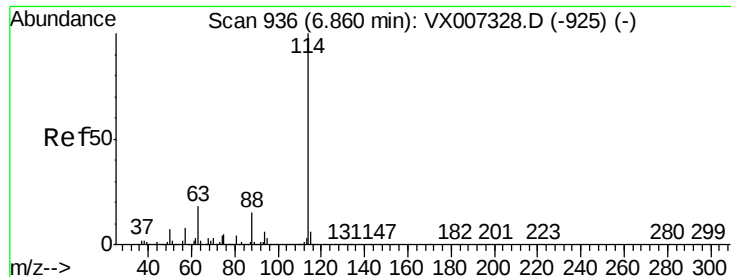
Tgt Ion: 65 Resp: 246720

Ion Ratio Lower Upper

65 100

67 53.6 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: VX007642.D

Acq: 21 Feb 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#16

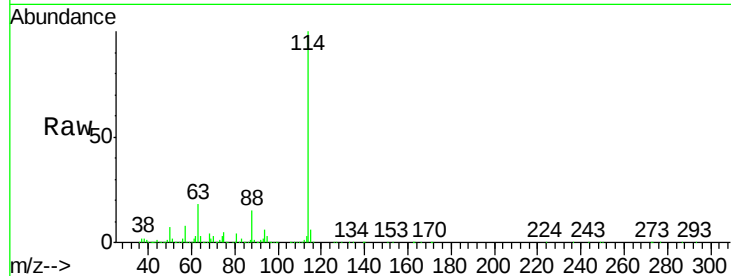
Tot Ion:114 Resp: 702014

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

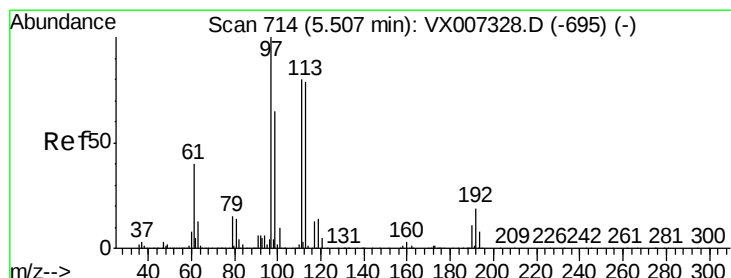
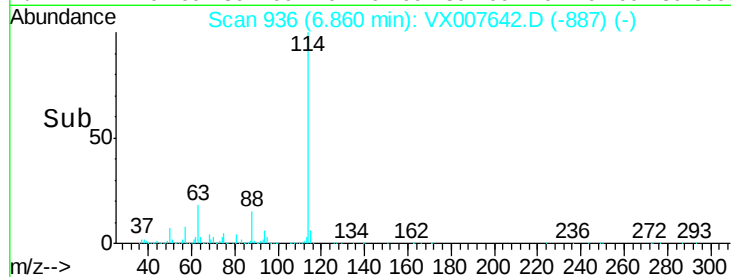
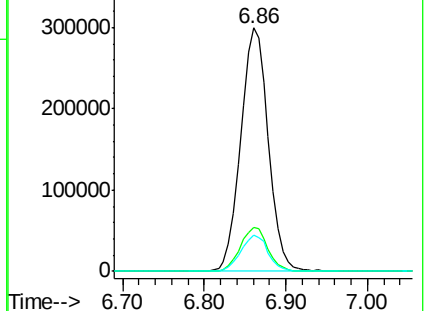
88 14.6 0.0 29.6



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: 49.744 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007642.D

Acq: 21 Feb 2019 20:16

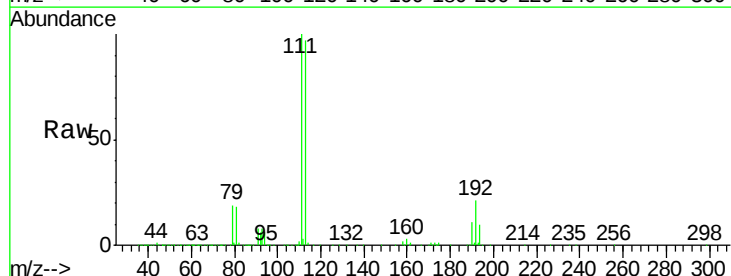
Tgt Ion:113 Resp: 227217

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

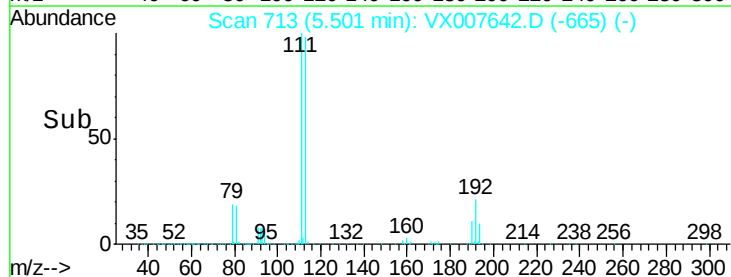
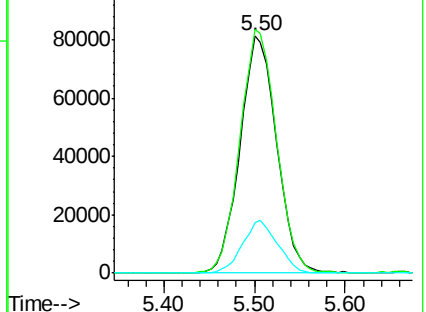
192 21.5 18.5 27.7

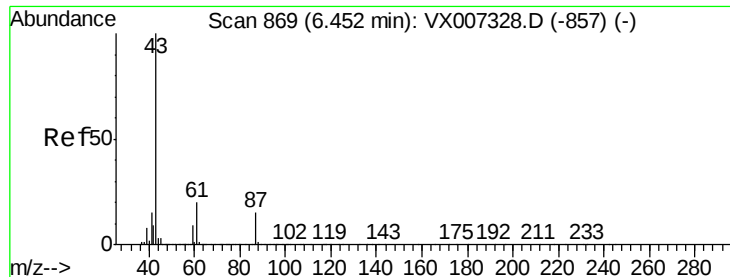


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.504 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007642.D

Acq: 21 Feb 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#16

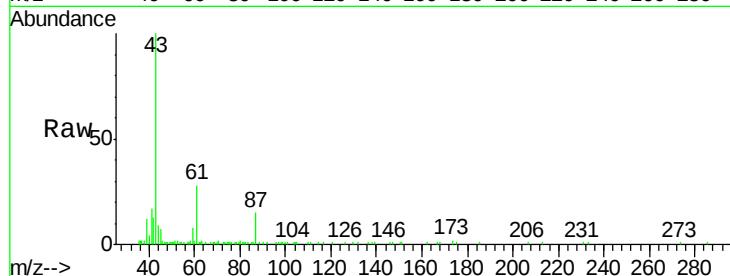
Tot Ion: 43 Resp: 24608

Ion Ratio Lower Upper

43 100

61 24.9 16.1 24.1#

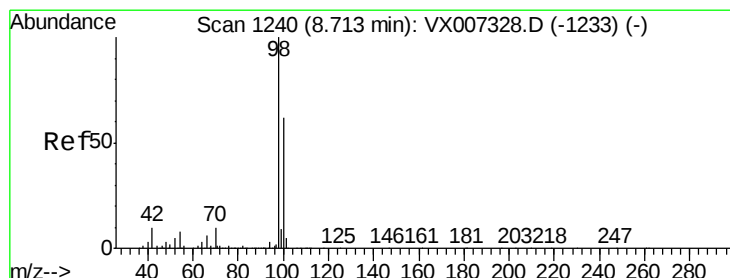
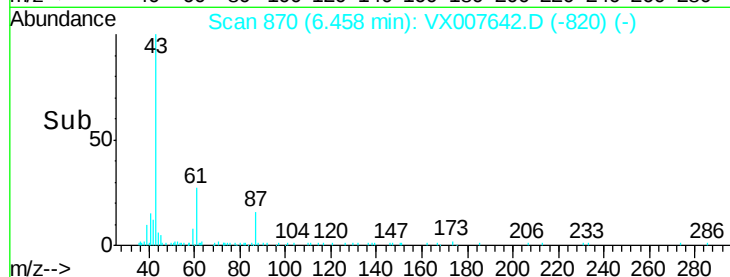
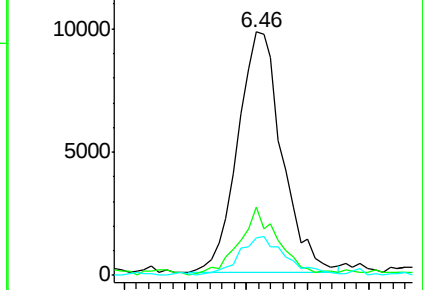
87 16.9 11.5 17.3



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: 50.923 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007642.D

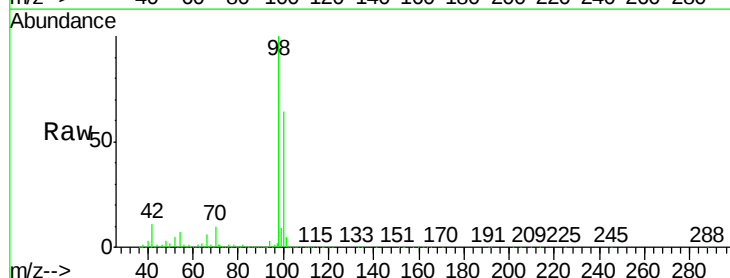
Acq: 21 Feb 2019 20:16

Tgt Ion: 98 Resp: 863005

Ion Ratio Lower Upper

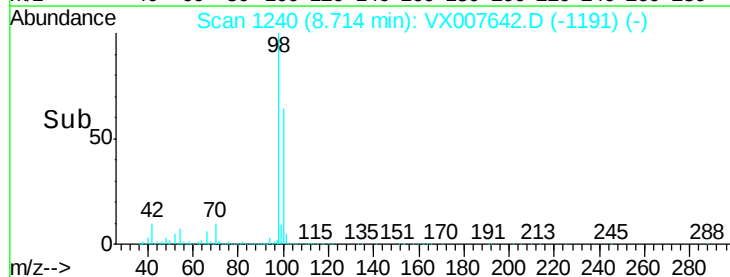
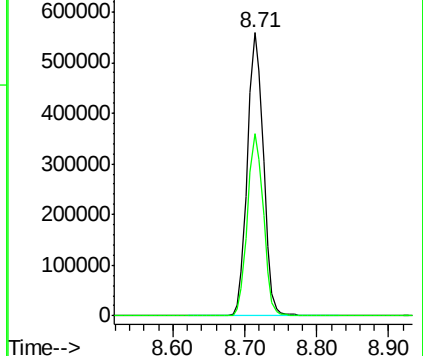
98 100

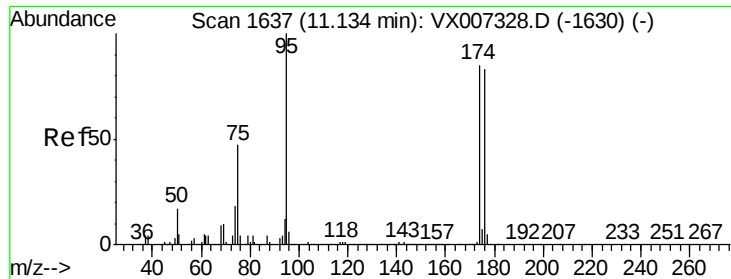
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.373 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007642.D

Acq: 21 Feb 2019 20:16

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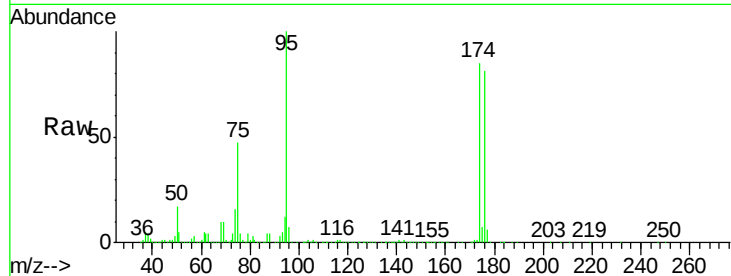
Tot Ion: 95 Resp: 299306

Ion Ratio Lower Upper

95 100

174 92.5 0.0 189.2

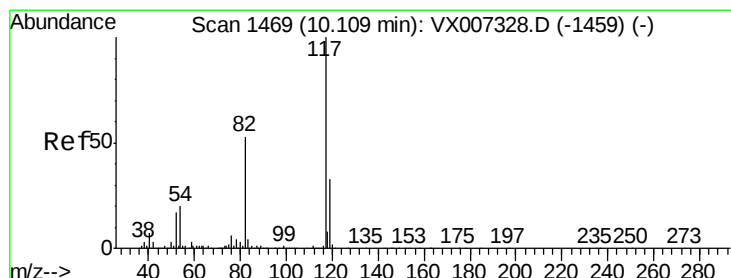
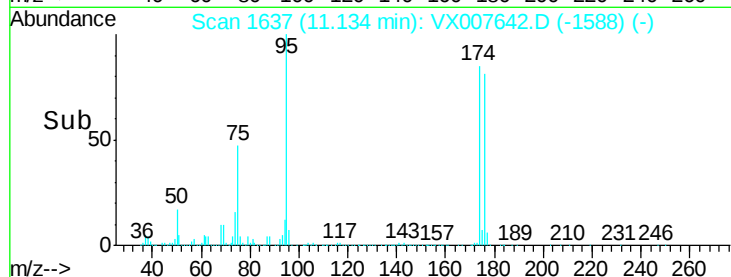
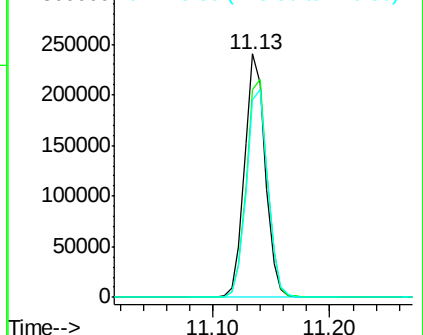
176 88.9 0.0 186.2



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: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007642.D

Acq: 21 Feb 2019 20:16

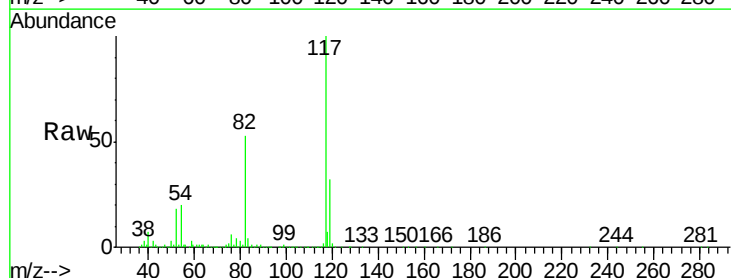
Tgt Ion: 117 Resp: 684944

Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

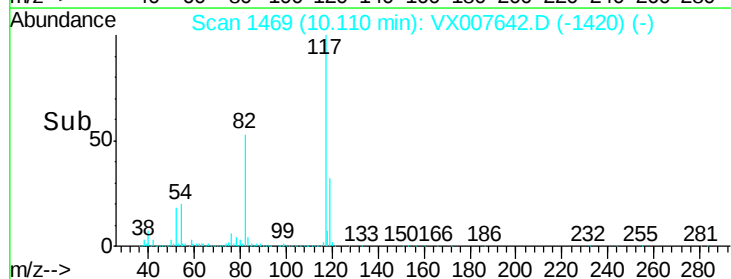
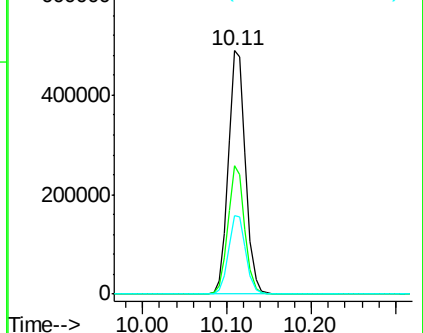
119 32.1 26.5 39.7

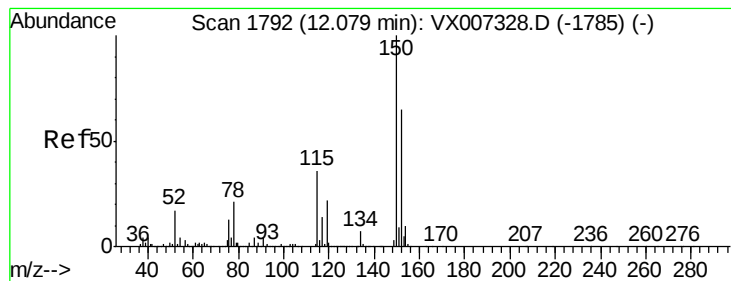


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX007642.D

Acq: 21 Feb 2019 20:16

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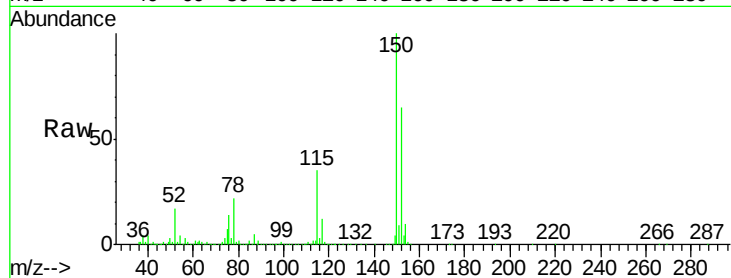
Tot Ion:152 Resp: 320197

Ion Ratio Lower Upper

152 100

115 55.4 38.0 114.0

150 155.0 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

