

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022119\
 Data File : VX007629.D
 Acq On : 21 Feb 2019 14:29
 Operator : JC/SP
 Sample : PB117250ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117250ZHE#03

Quant Time: Feb 22 05:50:13 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

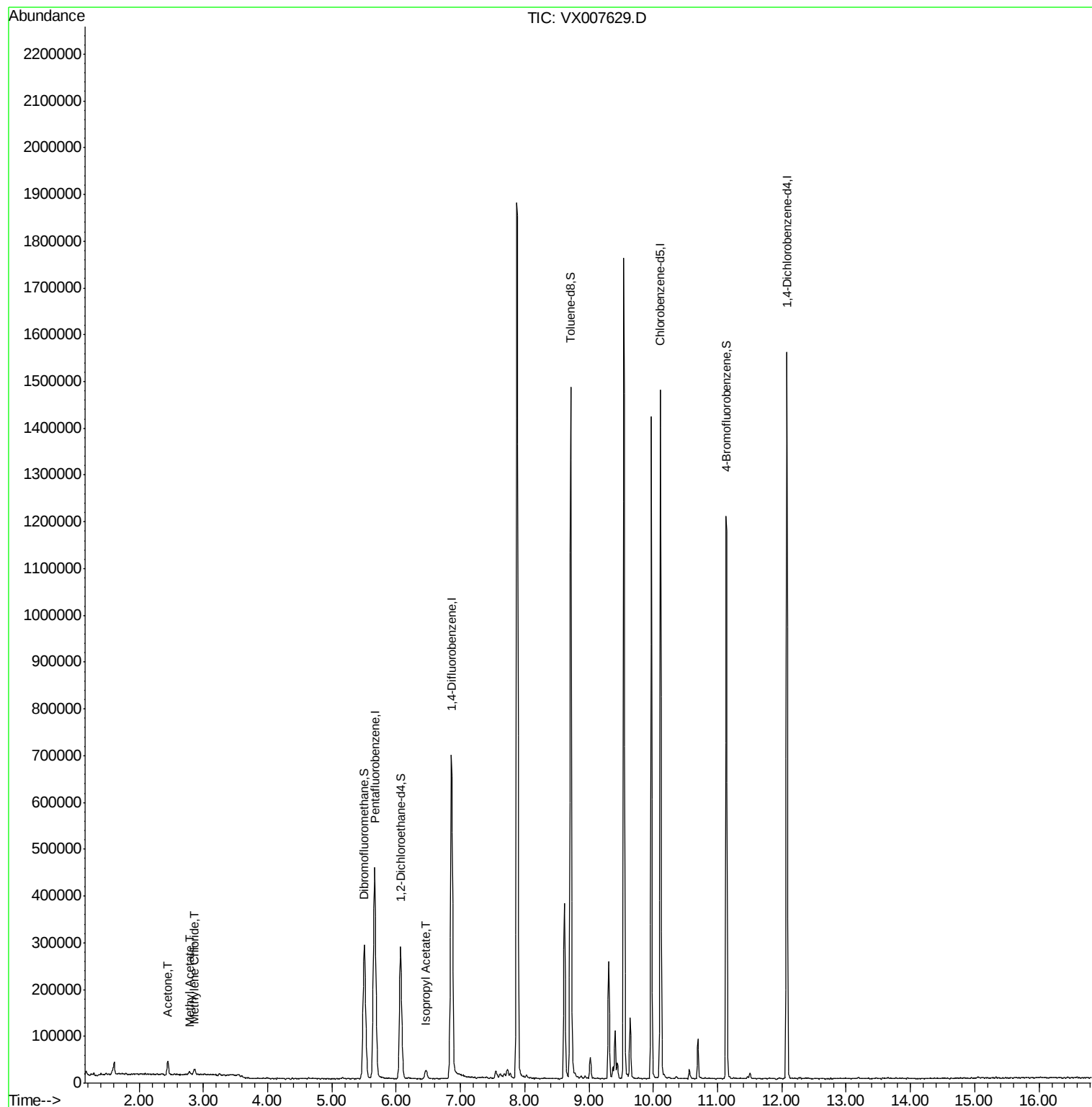
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	458137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	739521	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	710843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	331950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	257748	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
35) Dibromofluoromethane	5.51	113	246746	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	8.71	98	899358	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	11.13	95	313290	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
Target Compounds						
16) Acetone	2.45	43	31017	13.925	ug/l	90
18) Methyl Acetate	2.78	43	10426	2.368	ug/l	99
20) Methylene Chloride	2.86	84	6468	1.036	ug/l #	80
43) Isopropyl Acetate	6.46	43	24470	2.364	ug/l	99

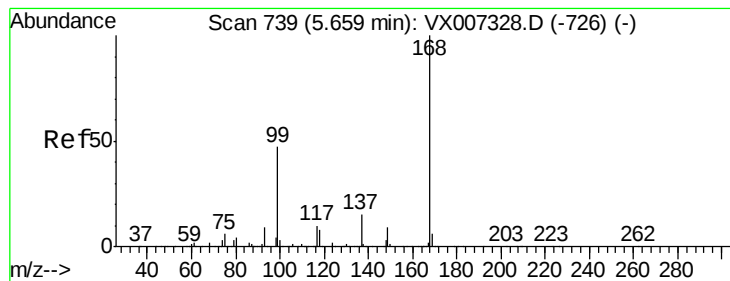
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
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: VX007629.D

Acq: 21 Feb 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

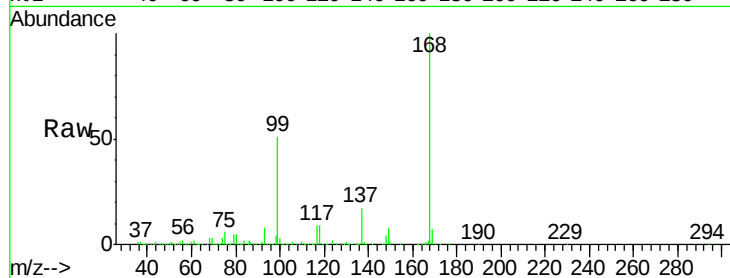
PB117250ZHE#03

Tot Ion:168 Resp: 458137

Ion Ratio Lower Upper

168 100

99 51.1 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

150000

100000

50000

0

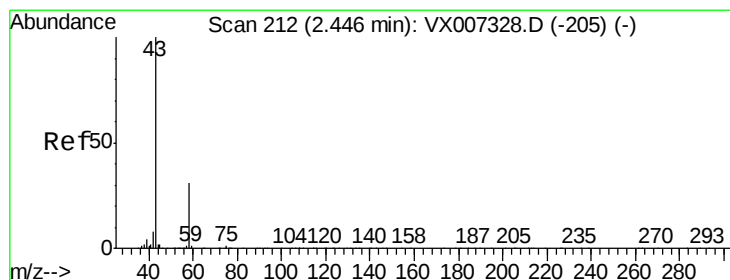
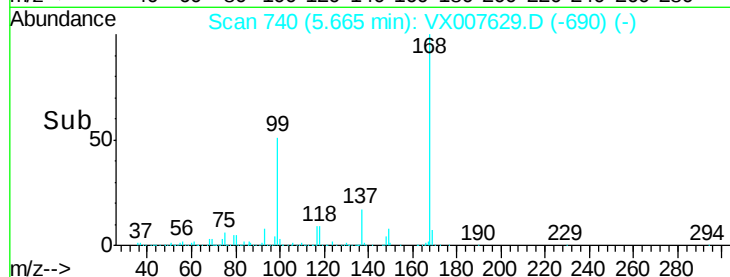
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 13.925 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007629.D

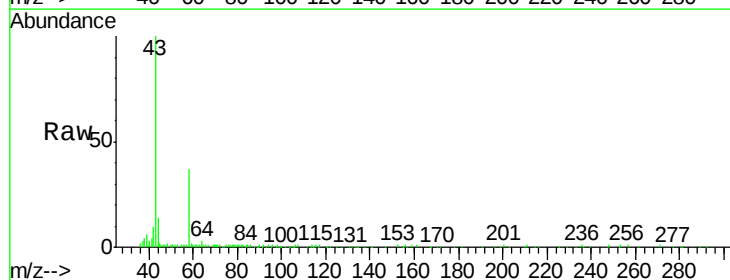
Acq: 21 Feb 2019 14:29

Tgt Ion: 43 Resp: 31017

Ion Ratio Lower Upper

43 100

58 36.7 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

20000

15000

10000

5000

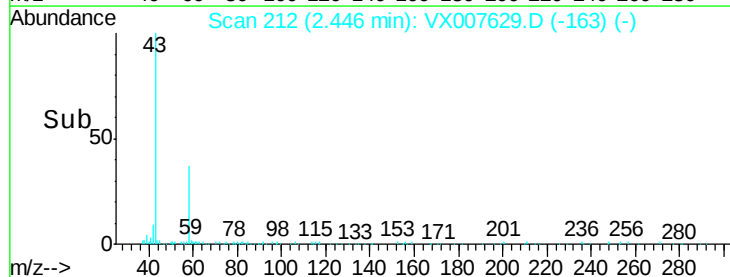
0

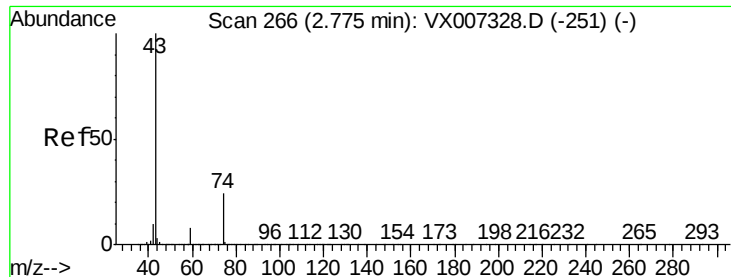
Time-->

2.40

2.45

2.50

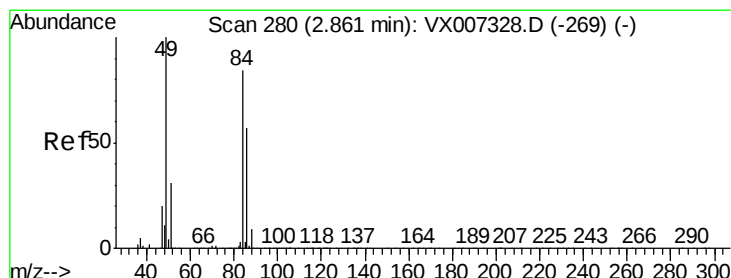
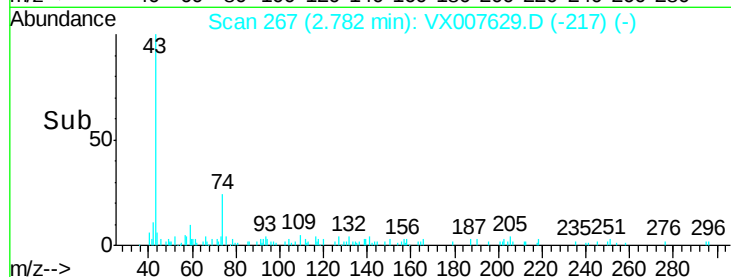
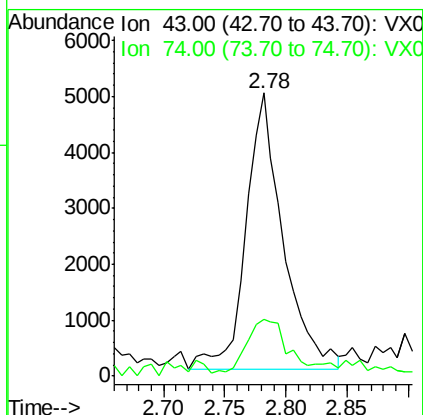
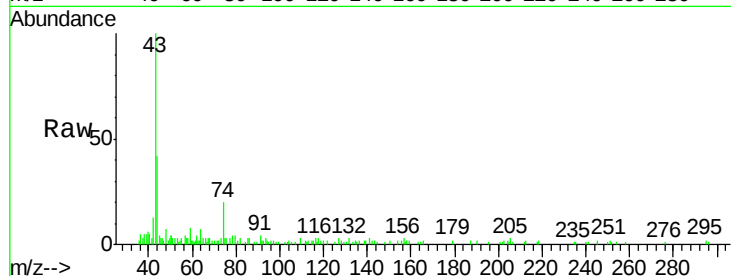




#18
Methyl Acetate
Concen: 2.368 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007629.D
Acq: 21 Feb 2019 14:29

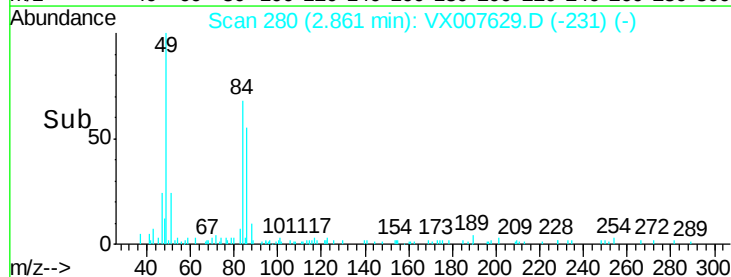
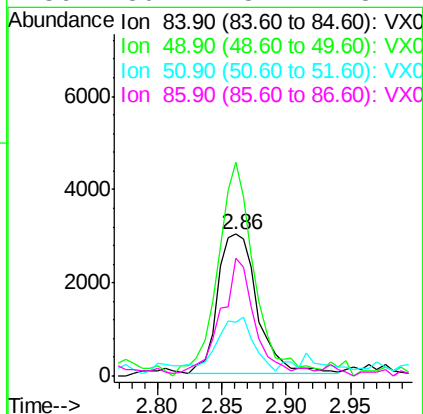
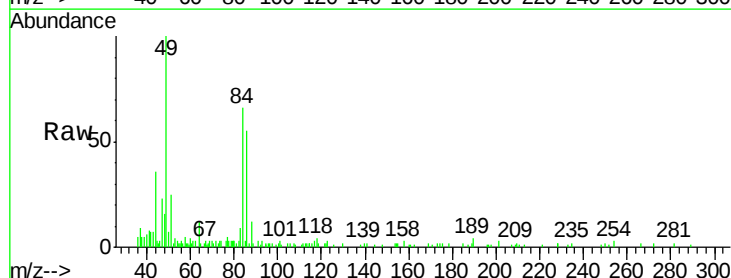
Instrument :
MSVOA_X
ClientSampleId :
PB117250ZHE#03

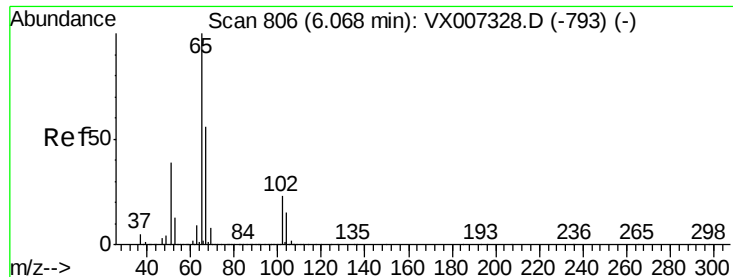
Tot Ion: 43 Resp: 10426
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2



#20
Methylene Chloride
Concen: 1.036 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007629.D
Acq: 21 Feb 2019 14:29

Tgt Ion: 84 Resp: 6468
Ion Ratio Lower Upper
84 100
49 146.7 94.8 142.2#
51 32.2 29.8 44.8
86 80.1 54.1 81.1





#33

1,2-Dichloroethane-d4

Concen: 53.005 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007629.D

Acq: 21 Feb 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

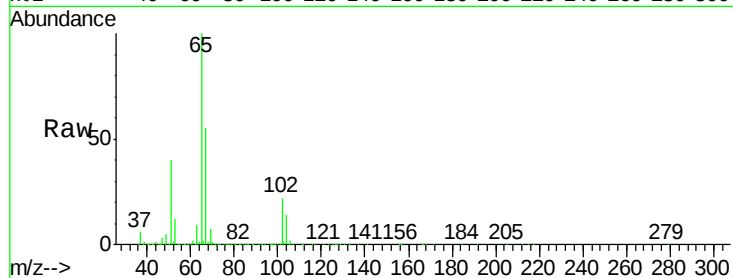
PB117250ZHE#03

Tot Ion: 65 Resp: 257748

Ion Ratio Lower Upper

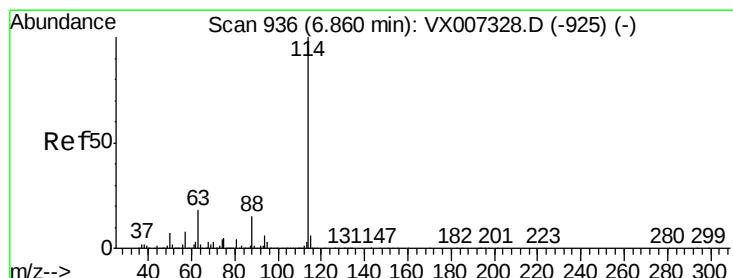
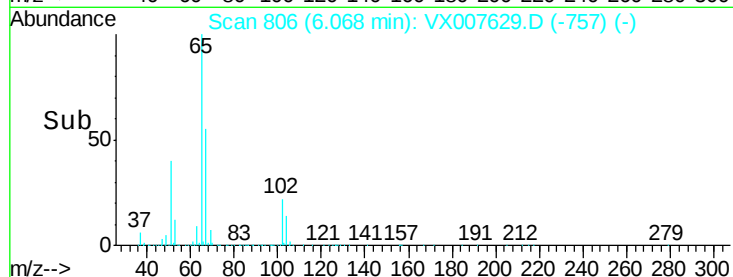
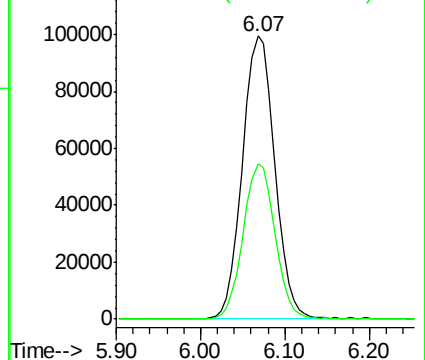
65 100

67 54.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007629.D

Acq: 21 Feb 2019 14:29

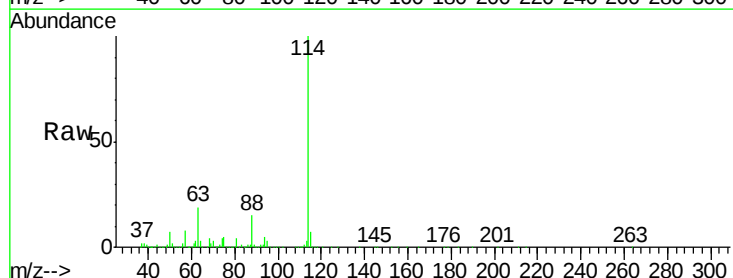
Tgt Ion: 114 Resp: 739521

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

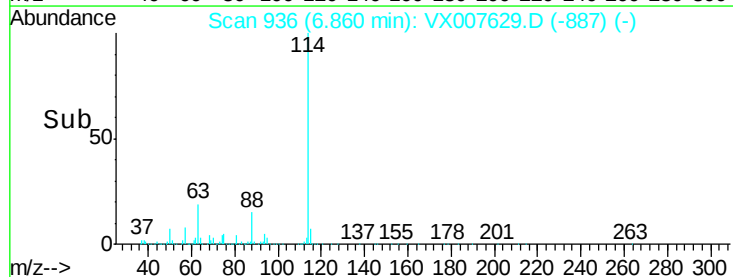
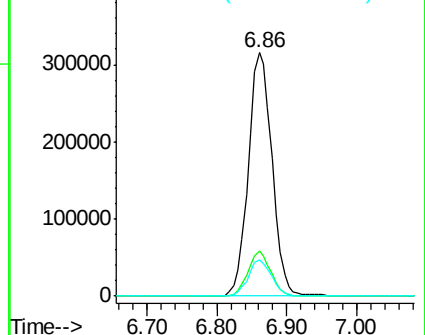
88 15.0 0.0 29.6

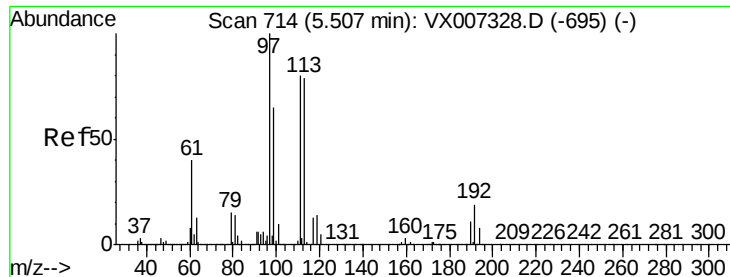


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.279 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007629.D

Acq: 21 Feb 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#03

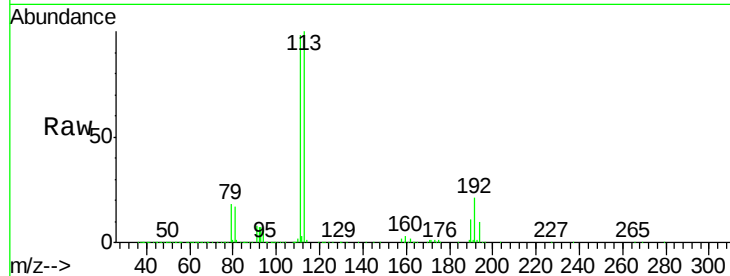
Tot Ion:113 Resp: 246746

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.8

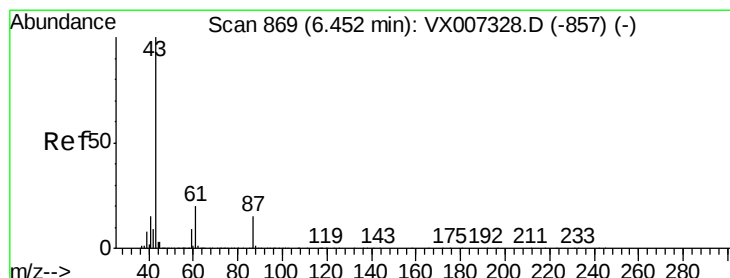
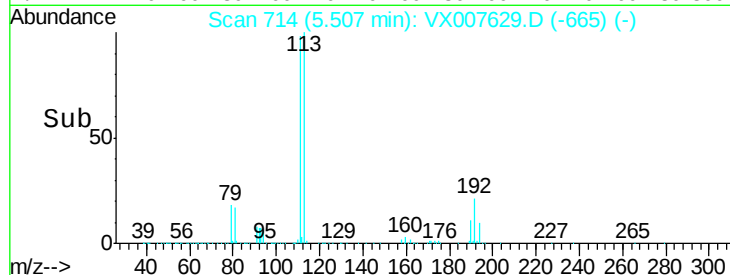
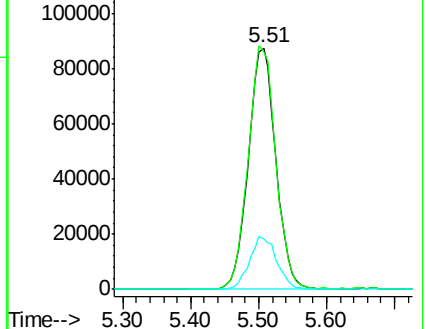
192 21.6 18.5 27.7



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: 2.364 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007629.D

Acq: 21 Feb 2019 14:29

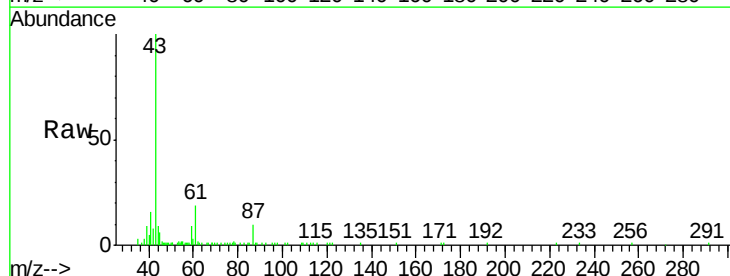
Tgt Ion: 43 Resp: 24470

Ion Ratio Lower Upper

43 100

61 19.6 16.1 24.1

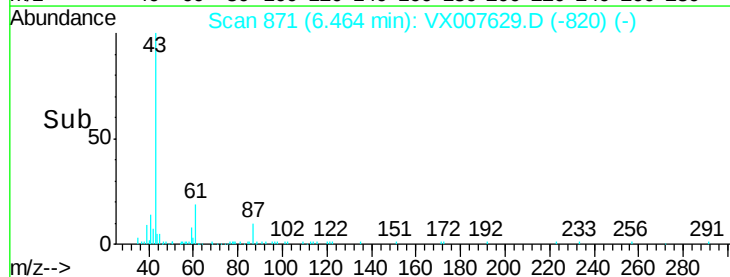
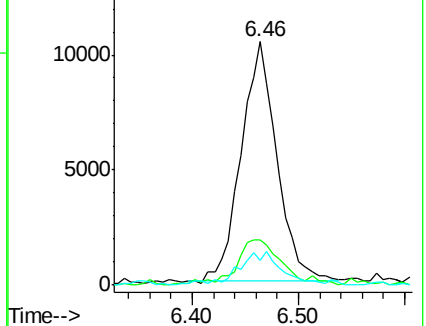
87 14.5 11.5 17.3

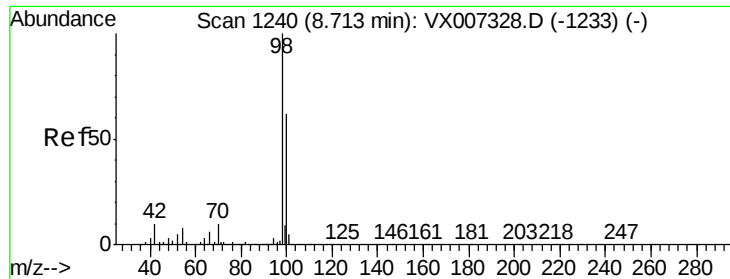


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.377 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007629.D

Acq: 21 Feb 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

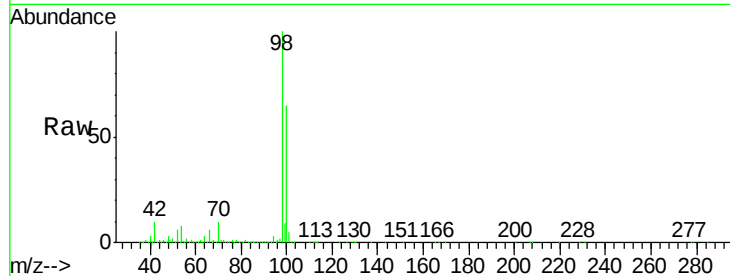
PB117250ZHE#03

Tot Ion: 98 Resp: 899358

Ion Ratio Lower Upper

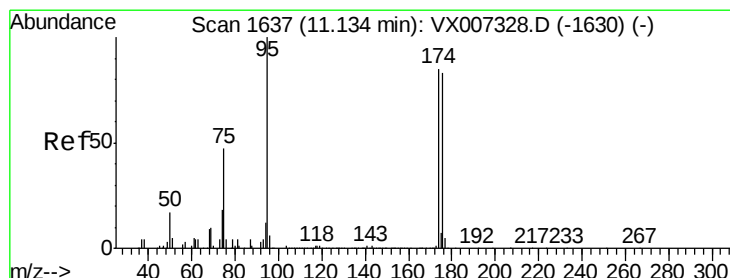
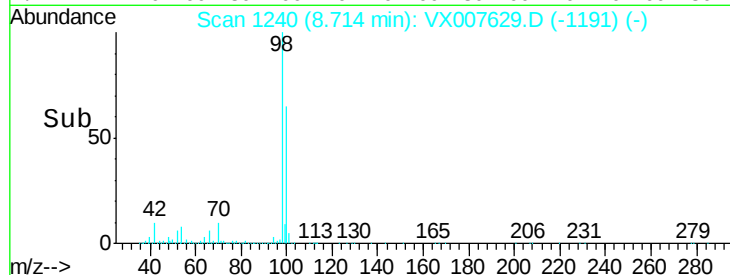
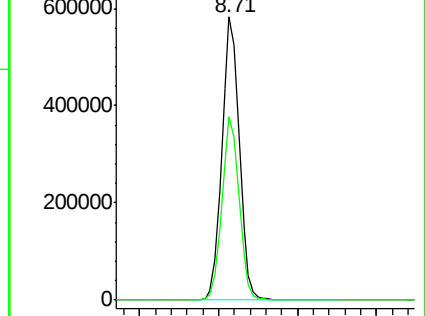
98 100

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): VX



#62

4-Bromofluorobenzene

Concen: 48.065 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007629.D

Acq: 21 Feb 2019 14:29

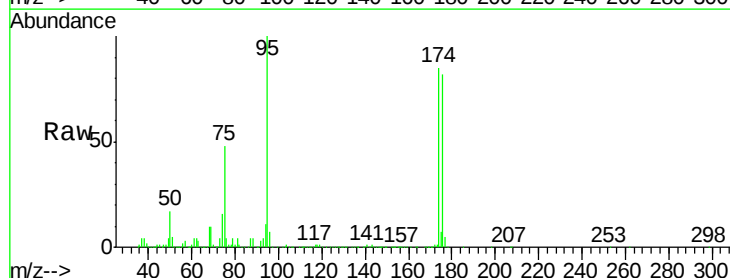
Tgt Ion: 95 Resp: 313290

Ion Ratio Lower Upper

95 100

174 92.0 0.0 189.2

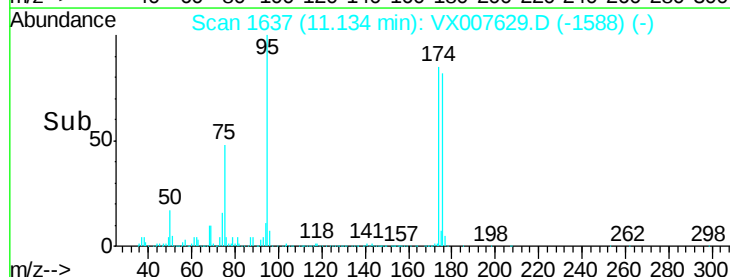
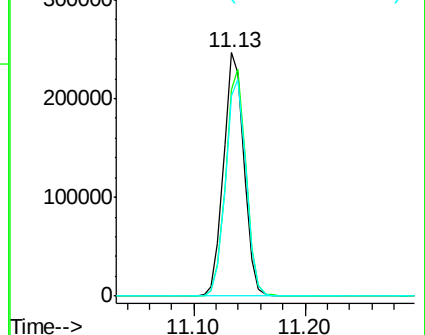
176 89.5 0.0 186.2

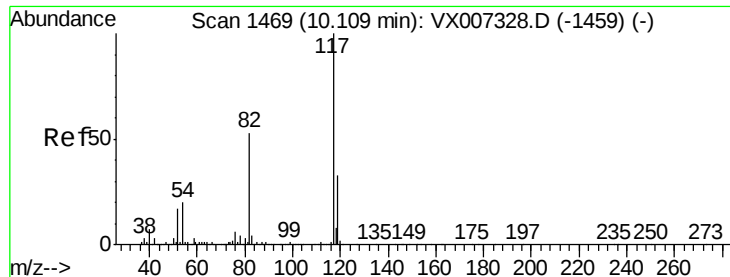


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX007629.D

Acq: 21 Feb 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

PB117250ZHE#03

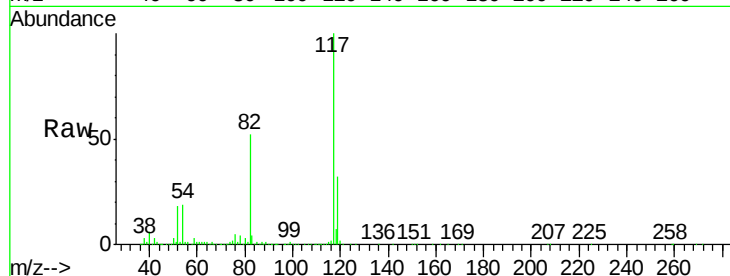
Tot Ion:117 Resp: 710843

Ion Ratio Lower Upper

117 100

82 52.1 42.1 63.1

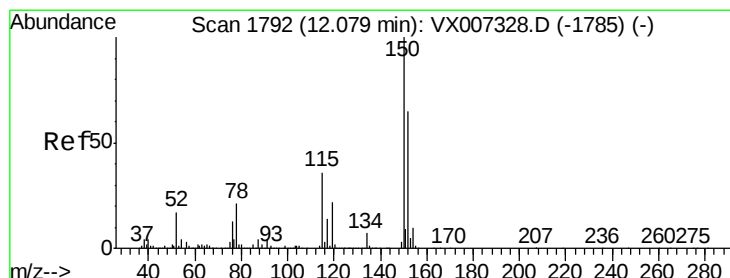
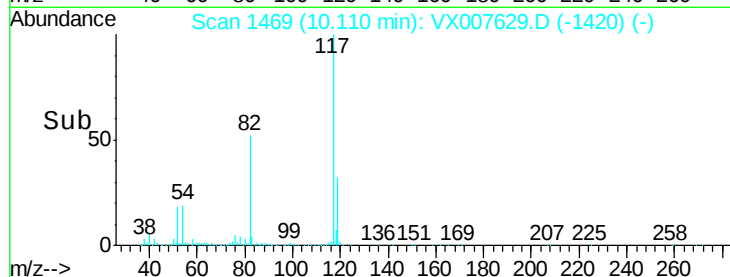
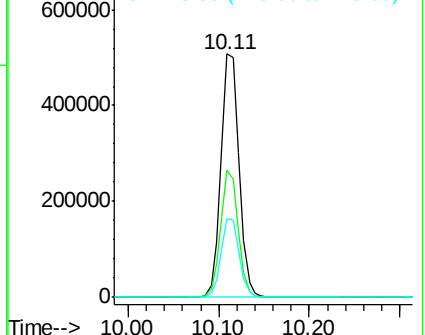
119 32.0 26.5 39.7



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: VX007629.D

Acq: 21 Feb 2019 14:29

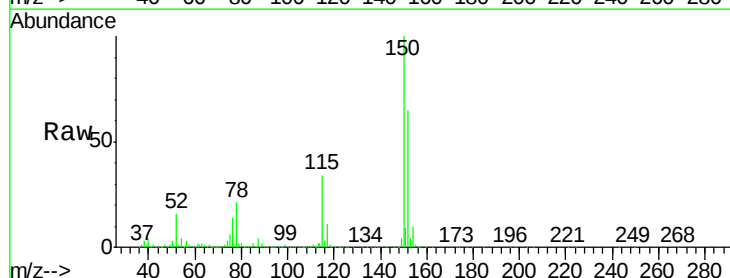
Tgt Ion:152 Resp: 331950

Ion Ratio Lower Upper

152 100

115 54.8 38.0 114.0

150 156.3 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

