

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
 Data File : VX007308.D
 Acq On : 30 Jan 2019 12:18
 Operator : JC/SP
 Sample : PB116701ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116701ZHE#02

Quant Time: Jan 31 02:11:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

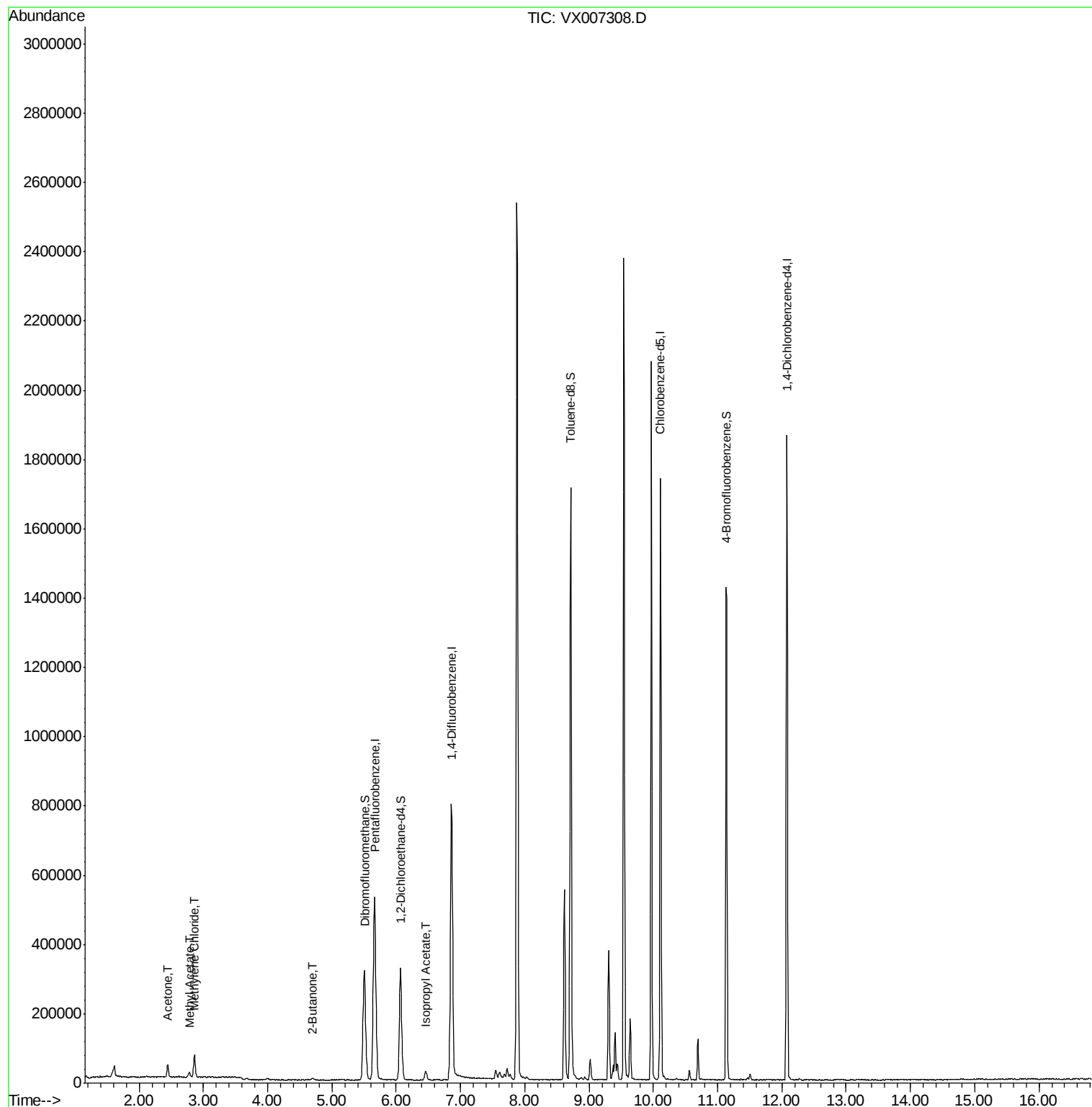
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	548931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	849876	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	820991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	399810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	297540	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
35) Dibromofluoromethane	5.50	113	267791	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	8.71	98	1039162	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.13	95	369815	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
Target Compounds						
16) Acetone	2.45	43	38831	13.692	ug/l	95
18) Methyl Acetate	2.78	43	18265	2.224	ug/l	98
20) Methylene Chloride	2.86	84	30326	5.114	ug/l	94
25) 2-Butanone	4.70	43	8244	2.032	ug/l #	86
43) Isopropyl Acetate	6.46	43	33312	2.666	ug/l	100

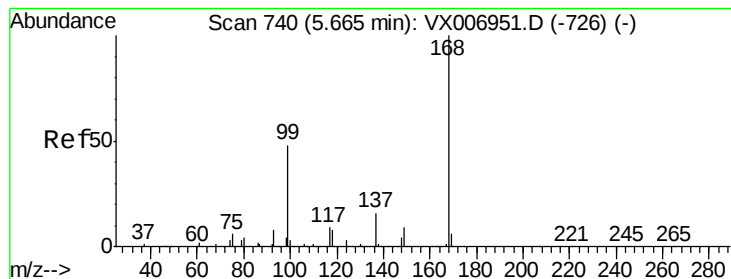
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007308.D

Acq: 30 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

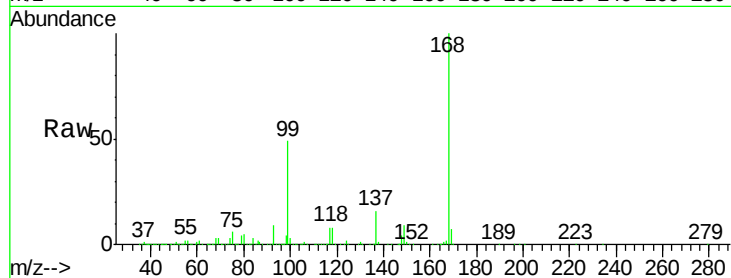
PB116701ZHE#02

Tot Ion:168 Resp: 548931

Ion Ratio Lower Upper

168 100

99 49.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

50000

0

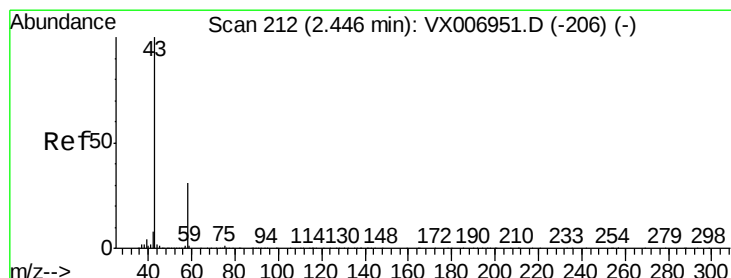
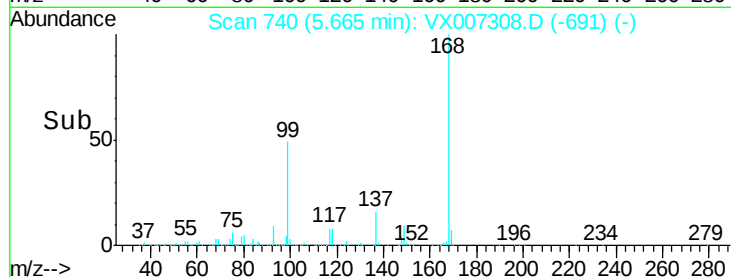
5.67

5.60

5.70

5.80

Time-->



#16

Acetone

Concen: 13.692 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007308.D

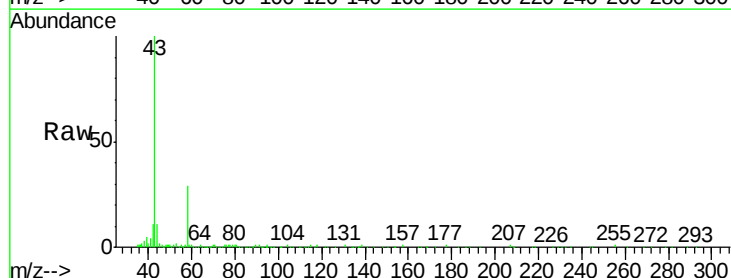
Acq: 30 Jan 2019 12:18

Tgt Ion: 43 Resp: 38831

Ion Ratio Lower Upper

43 100

58 28.3 25.0 37.6



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

2.45

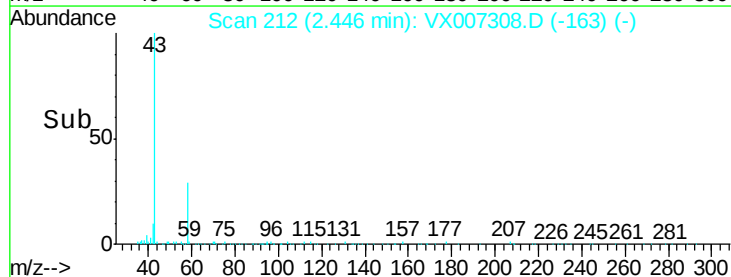
2.35

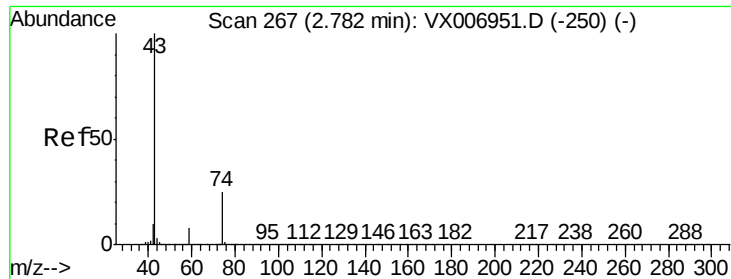
2.40

2.50

2.55

Time-->

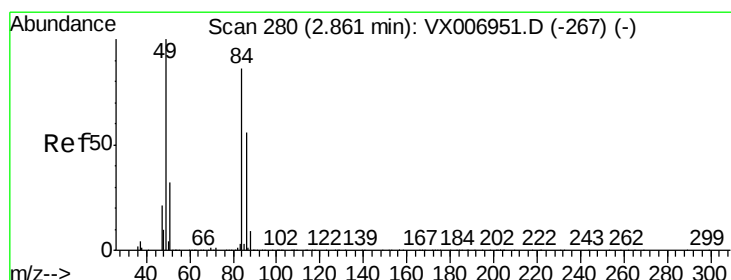
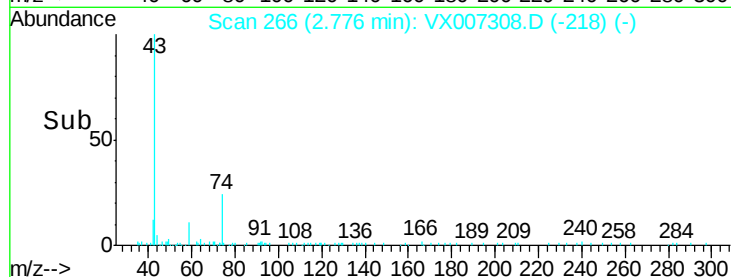
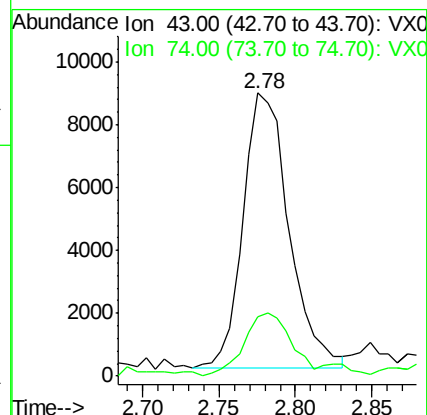
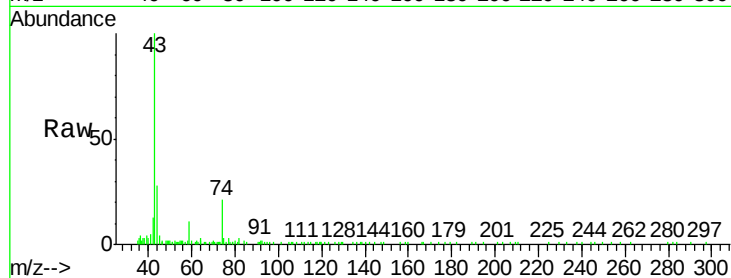




#18
Methyl Acetate
Concen: 2.224 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007308.D
Acq: 30 Jan 2019 12:18

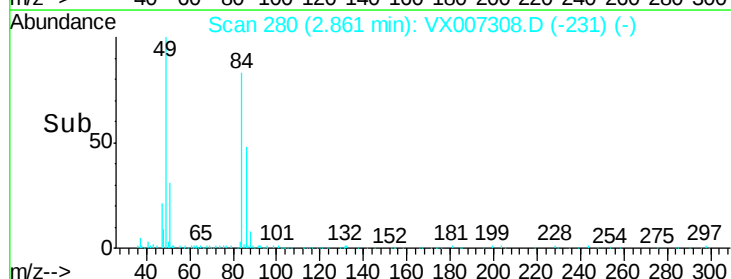
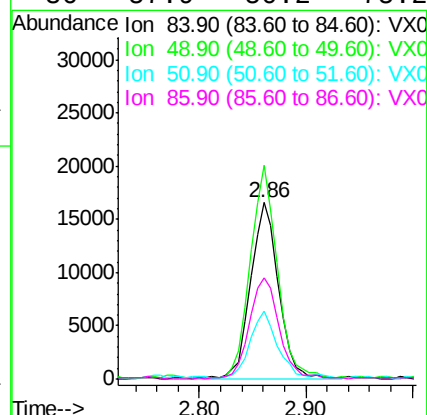
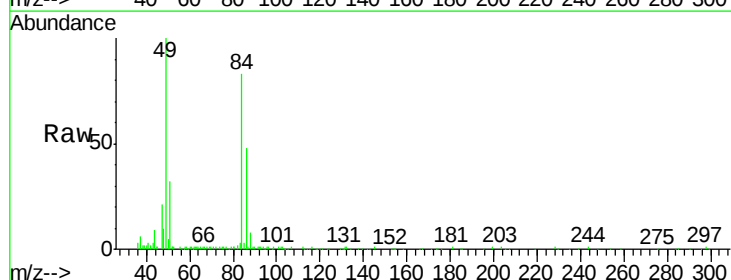
Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#02

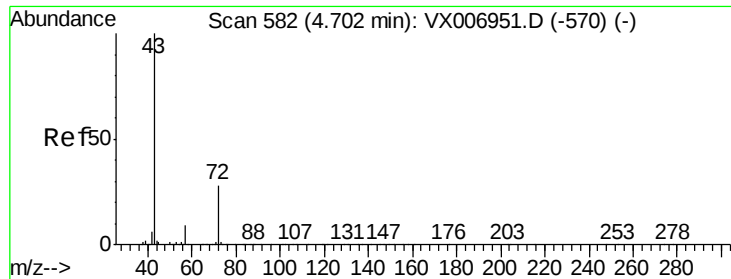
Tot Ion: 43 Resp: 18265
Ion Ratio Lower Upper
43 100
74 24.2 18.6 28.0



#20
Methylene Chloride
Concen: 5.114 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007308.D
Acq: 30 Jan 2019 12:18

Tgt Ion: 84 Resp: 30326
Ion Ratio Lower Upper
84 100
49 121.0 91.8 137.6
51 37.5 28.5 42.7
86 57.9 50.2 75.2





#25

2-Butanone

Concen: 2.032 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007308.D

Acq: 30 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

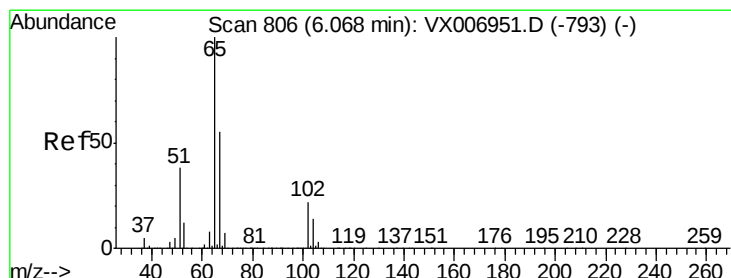
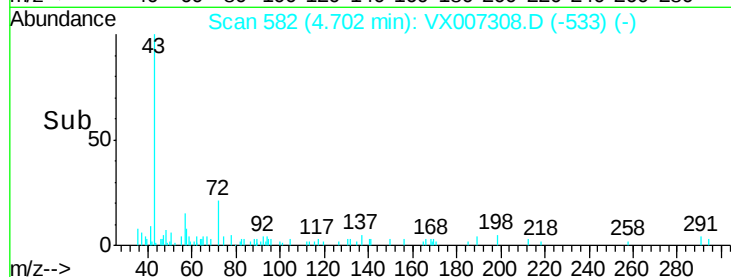
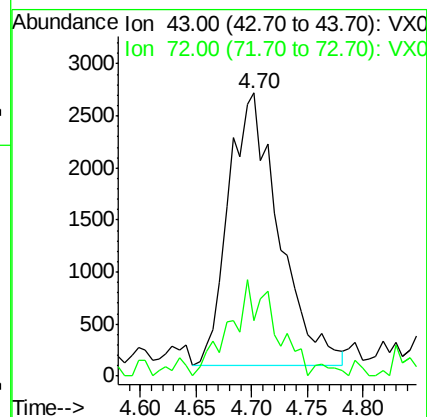
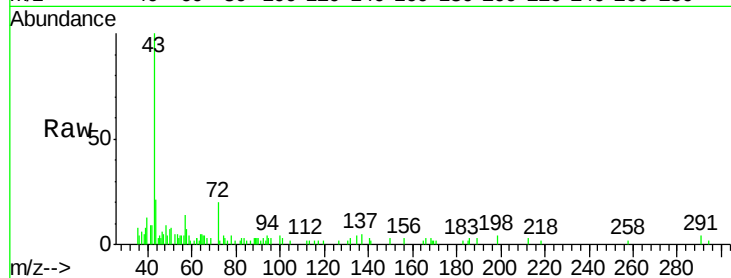
PB116701ZHE#02

Tot Ion: 43 Resp: 8244

Ion Ratio Lower Upper

43 100

72 20.5 22.4 33.6#



#33

1,2-Dichloroethane-d4

Concen: 51.865 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007308.D

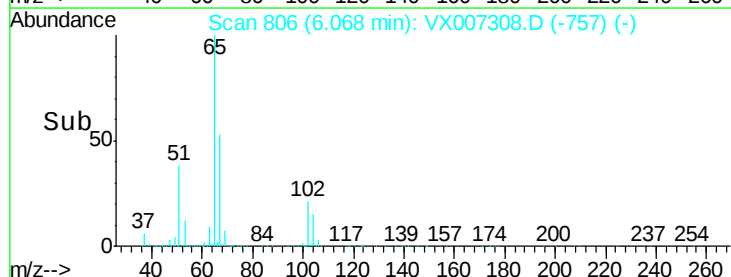
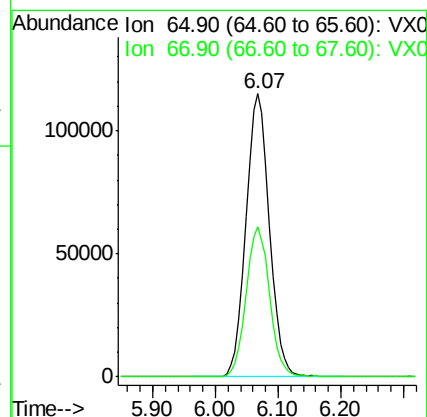
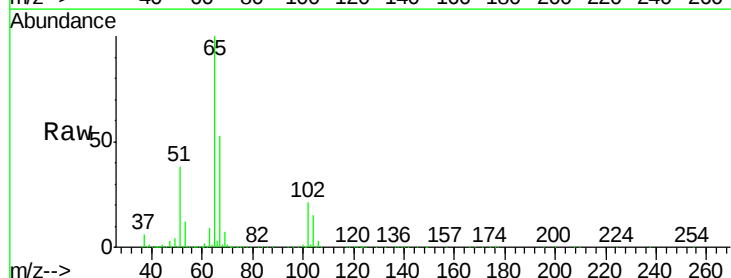
Acq: 30 Jan 2019 12:18

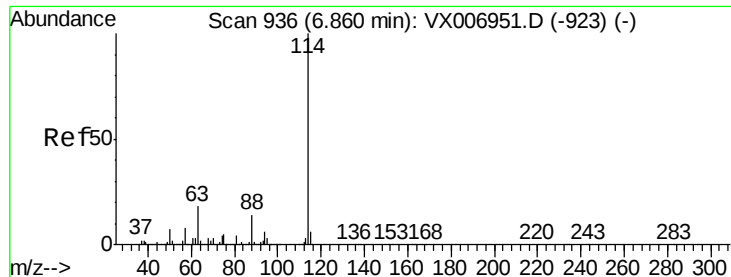
Tgt Ion: 65 Resp: 297540

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007308.D

Acq: 30 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#02

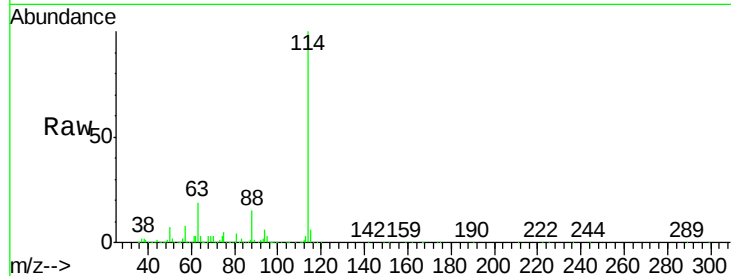
Tot Ion:114 Resp: 849876

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

88 14.9 0.0 28.8



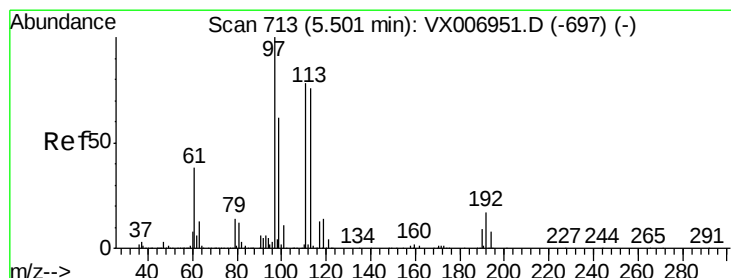
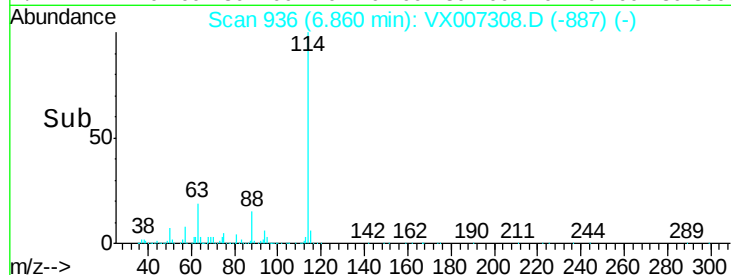
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

Time-->



#35

Dibromofluoromethane

Concen: 49.203 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007308.D

Acq: 30 Jan 2019 12:18

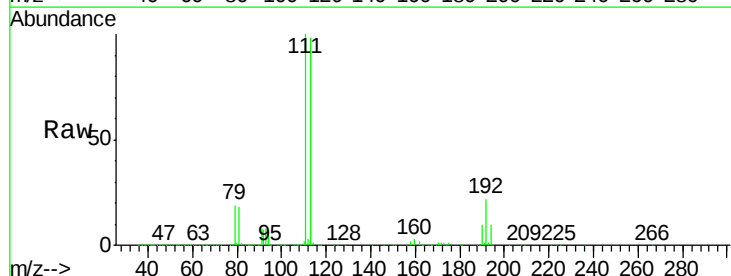
Tgt Ion:113 Resp: 267791

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

192 22.5 16.7 25.1



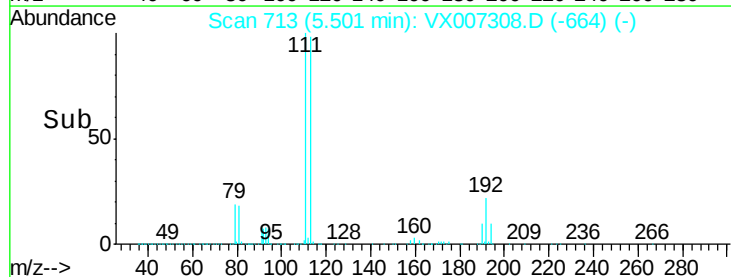
Abundance Ion 112.80 (112.50 to 113.50): V

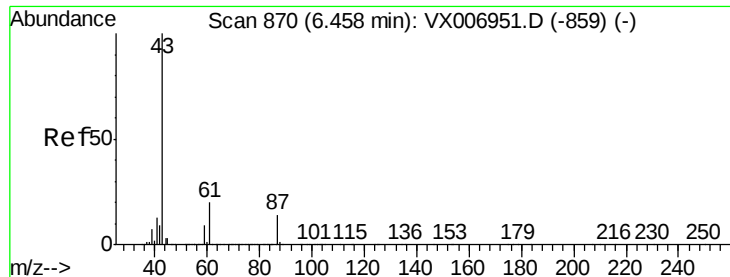
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.50

Time-->





#43

Isopropyl Acetate

Concen: 2.666 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007308.D

Acq: 30 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#02

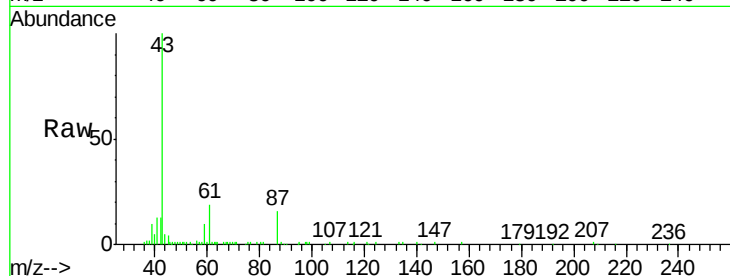
Tot Ion: 43 Resp: 33312

Ion Ratio Lower Upper

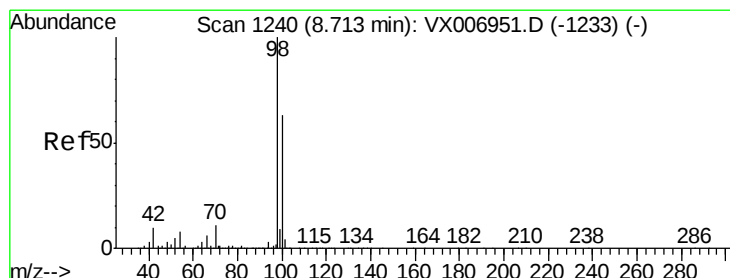
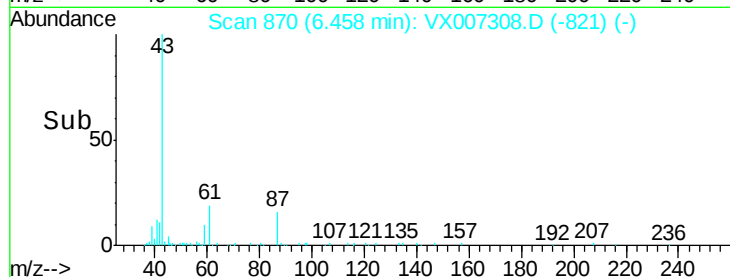
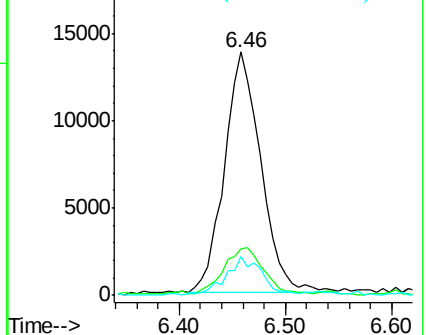
43 100

61 20.9 16.8 25.2

87 15.7 12.4 18.6



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: 52.163 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007308.D

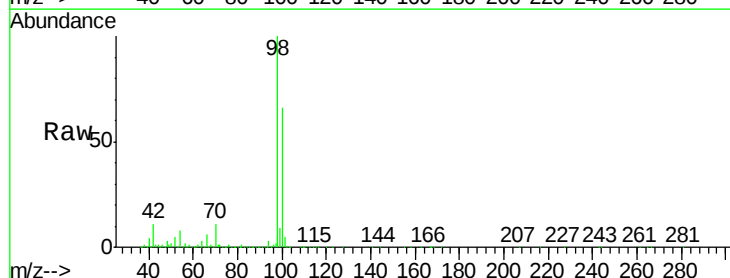
Acq: 30 Jan 2019 12:18

Tgt Ion: 98 Resp: 1039162

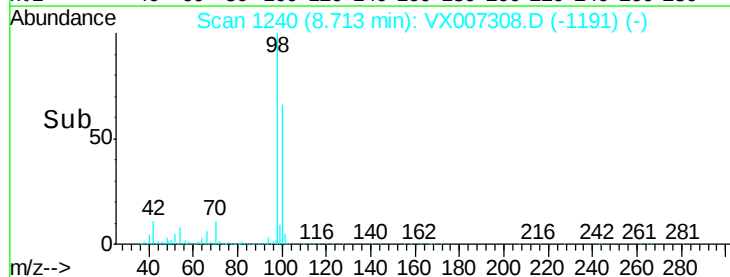
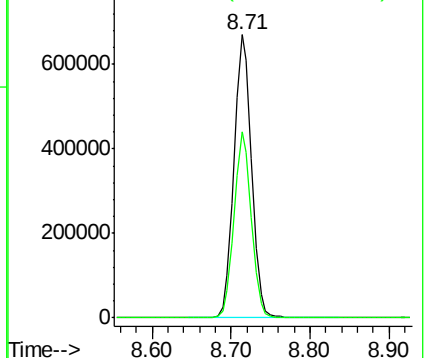
Ion Ratio Lower Upper

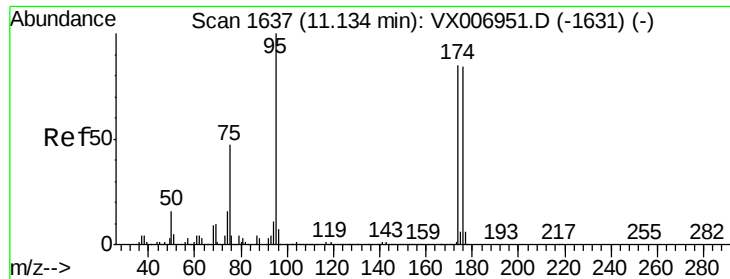
98 100

100 64.5 52.0 78.0



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

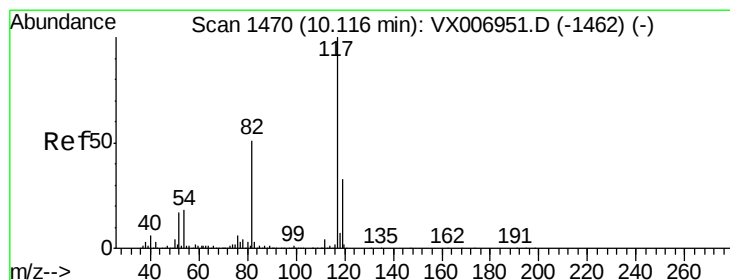
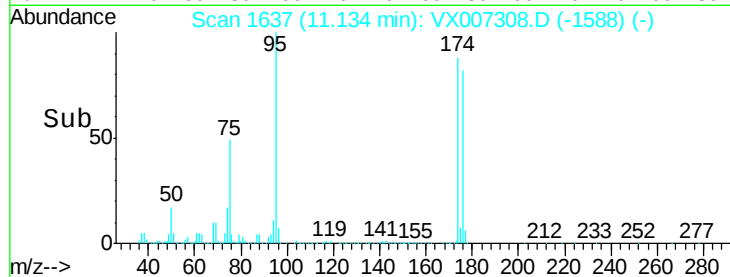
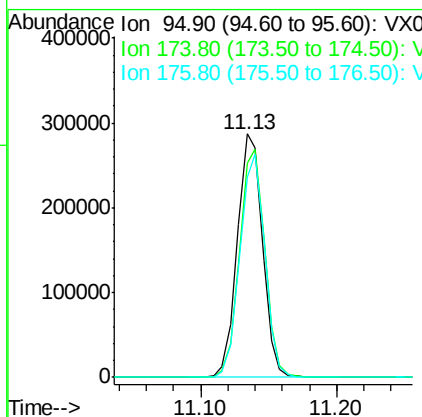
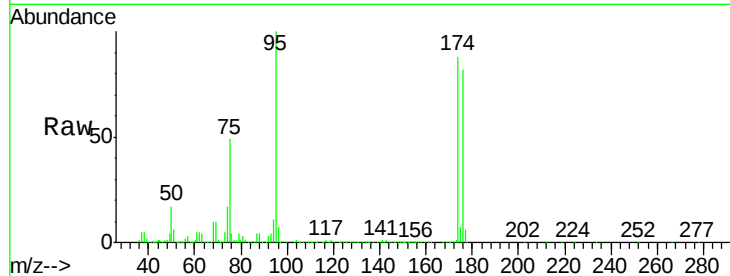




#62
4-Bromofluorobenzene
Concen: 53.248 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007308.D
Acq: 30 Jan 2019 12:18

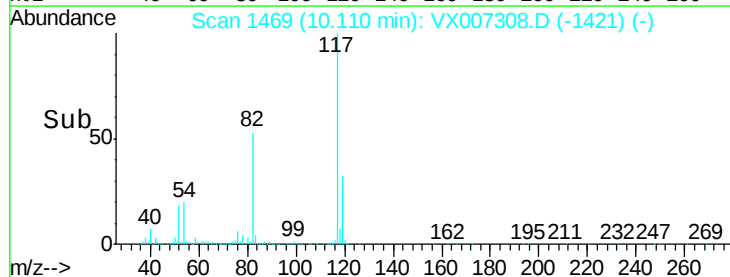
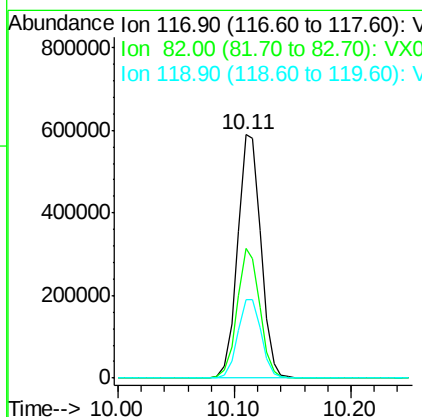
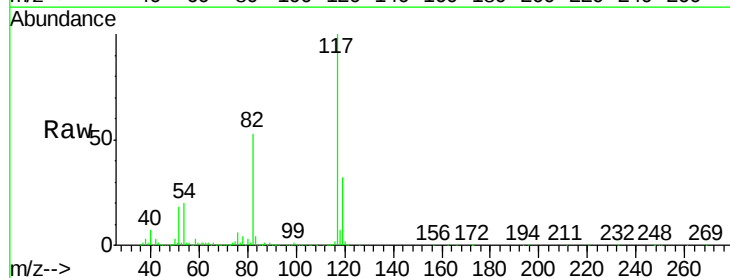
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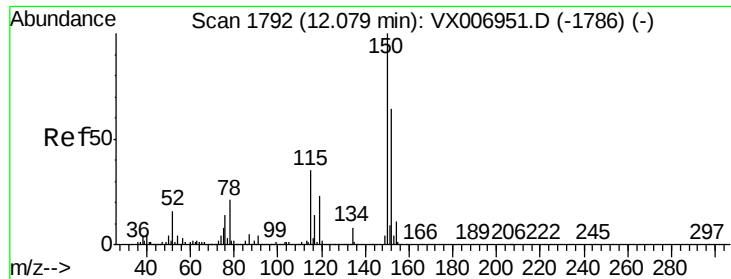
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	182.2
176	90.5	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007308.D
Acq: 30 Jan 2019 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.0	61.6
119	32.1	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007308.D

Acq: 30 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#02

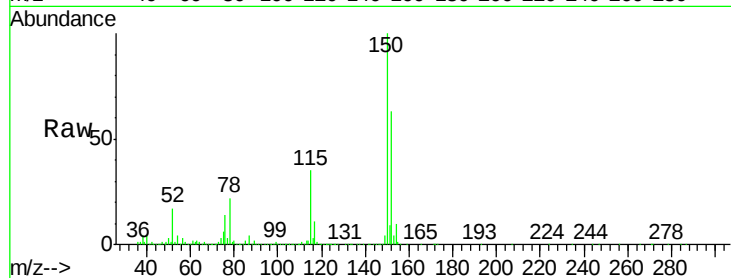
Tot Ion:152 Resp: 399810

Ion Ratio Lower Upper

152 100

115 53.9 39.1 117.2

150 155.5 0.0 344.8



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

