

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
 Data File : VX007310.D
 Acq On : 30 Jan 2019 13:11
 Operator : JC/SP
 Sample : PB116701ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116701ZHE#04

Quant Time: Jan 31 03:57:31 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	5.66	168	519884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	808559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	786705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	375415	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	284658	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
35) Dibromofluoromethane	5.50	113	253577	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
50) Toluene-d8	8.71	98	990230	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.13	95	348368	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	

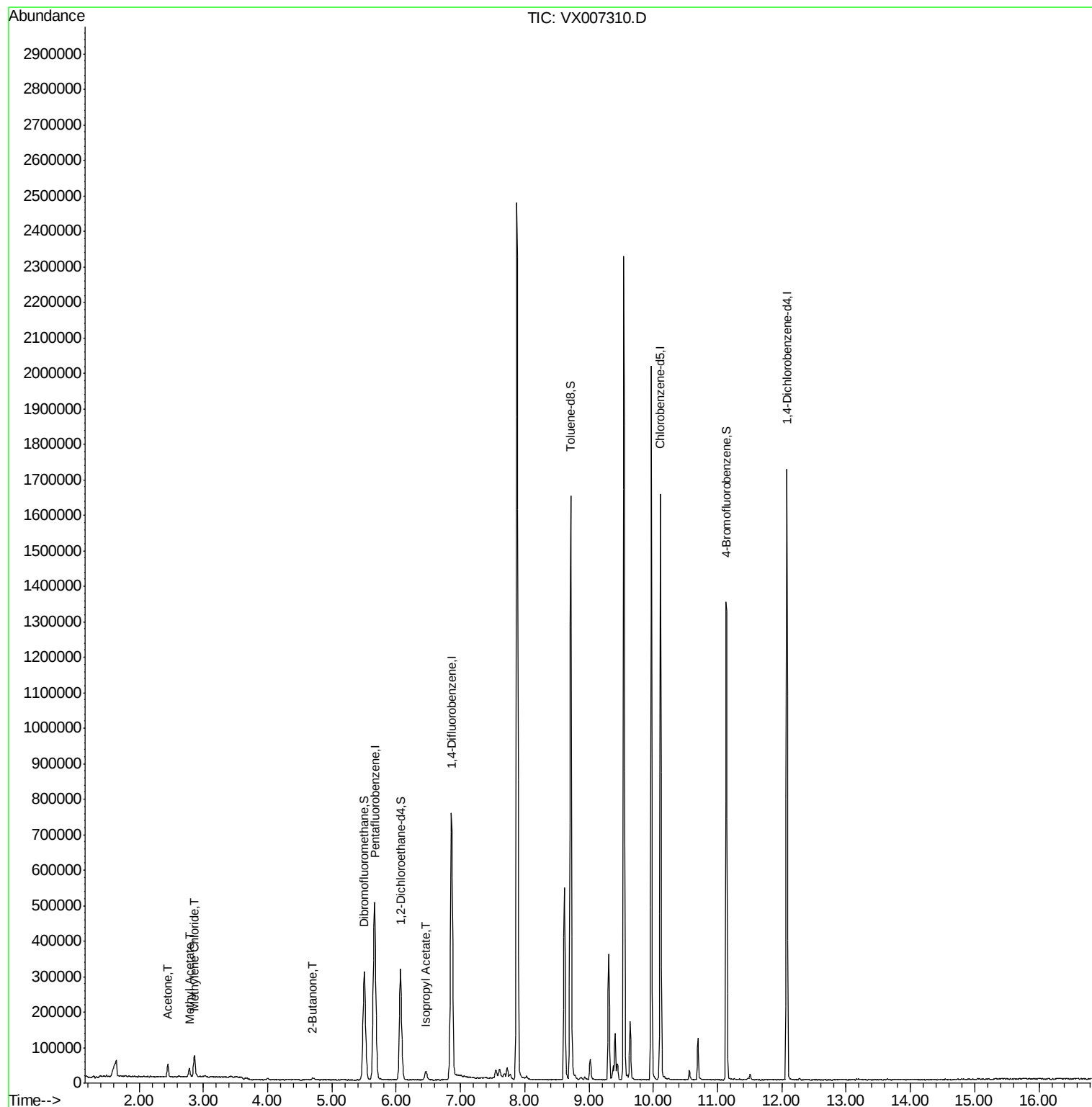
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	39875	14.845	ug/l	96
18) Methyl Acetate	2.78	43	30277	3.892	ug/l	96
20) Methylene Chloride	2.86	84	30846	5.534	ug/l	97
25) 2-Butanone	4.70	43	8294	2.158	ug/l	98
43) Isopropyl Acetate	6.46	43	32761	2.756	ug/l	96

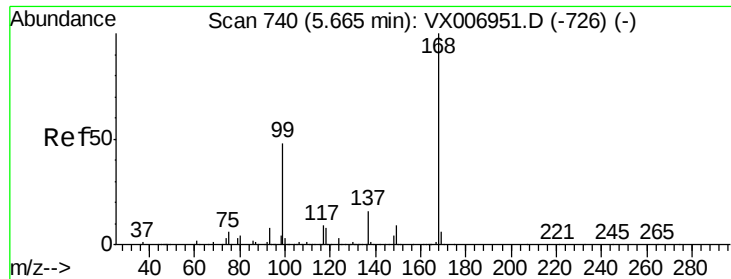
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007310.D

Acq: 30 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

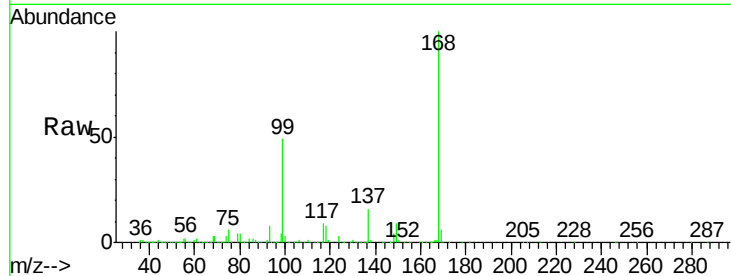
PB116701ZHE#04

Tot Ion:168 Resp: 519884

Ion Ratio Lower Upper

168 100

99 49.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

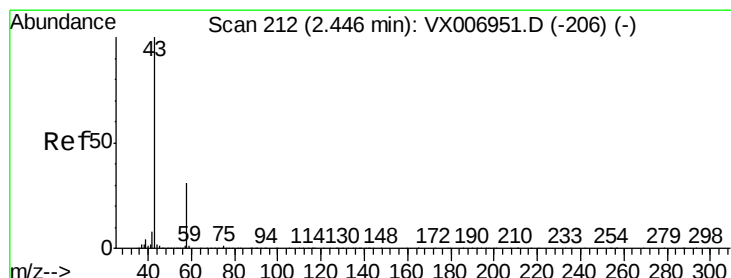
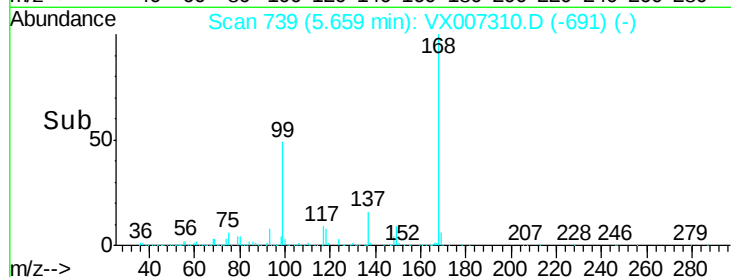
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.845 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007310.D

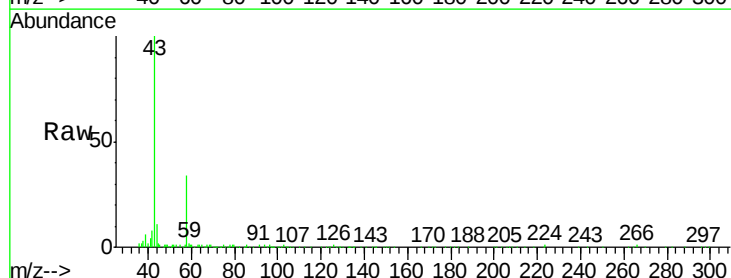
Acq: 30 Jan 2019 13:11

Tgt Ion: 43 Resp: 39875

Ion Ratio Lower Upper

43 100

58 33.6 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

25000

20000

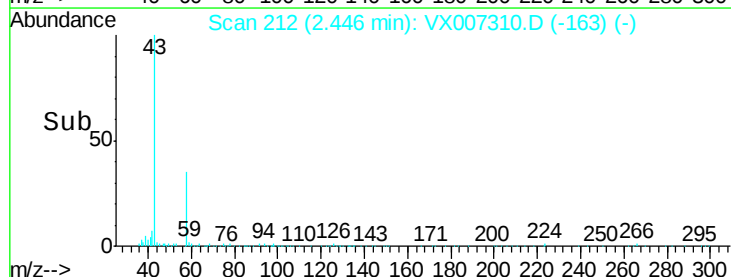
15000

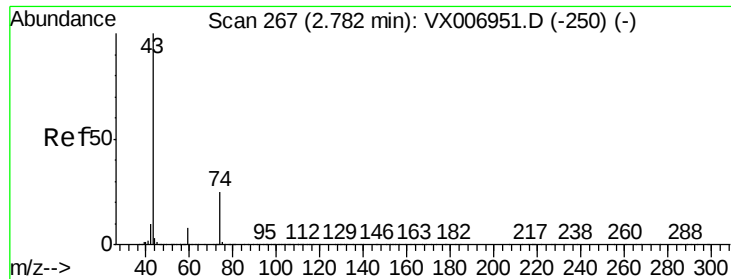
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

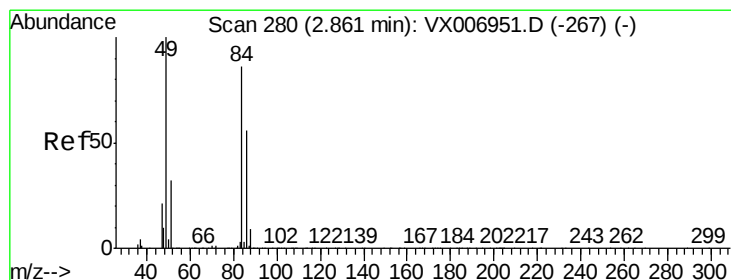
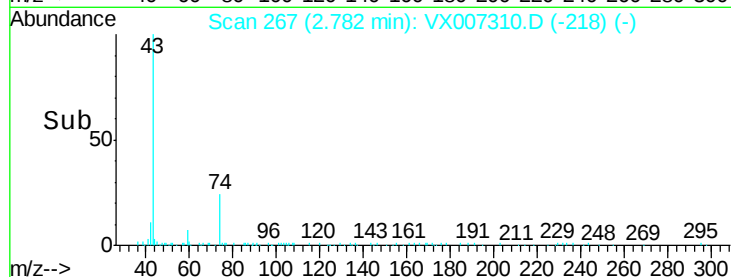
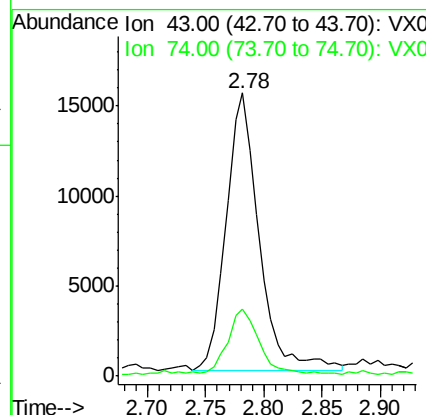
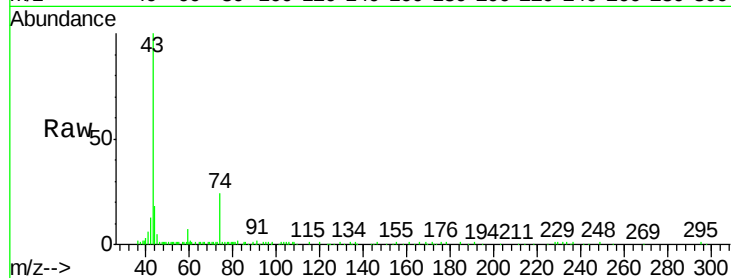




#18
Methyl Acetate
Concen: 3.892 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007310.D
Acq: 30 Jan 2019 13:11

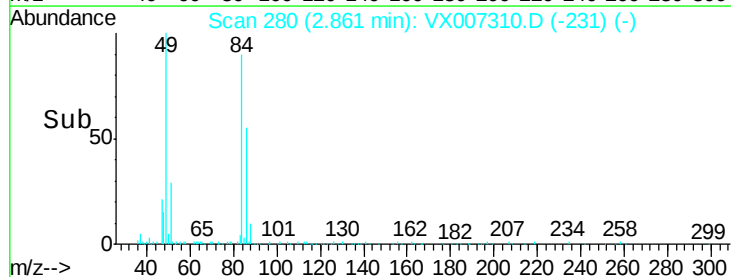
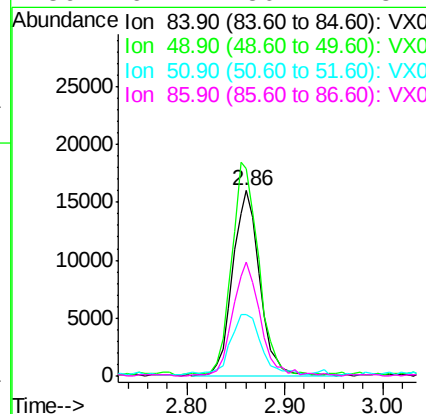
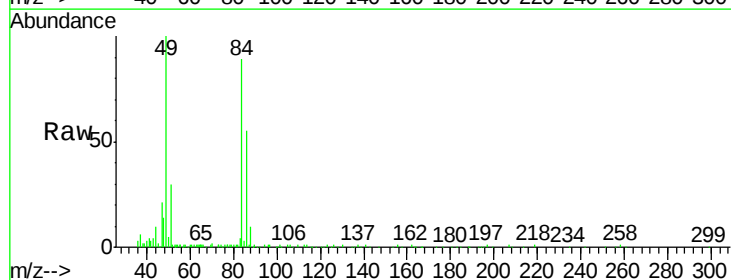
Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#04

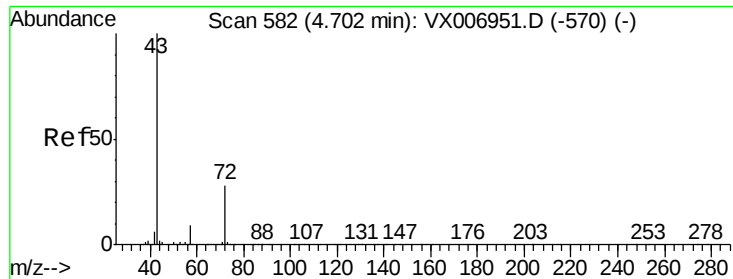
Tot Ion: 43 Resp: 30277
Ion Ratio Lower Upper
43 100
74 21.5 18.6 28.0



#20
Methylene Chloride
Concen: 5.534 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007310.D
Acq: 30 Jan 2019 13:11

Tgt Ion: 84 Resp: 30846
Ion Ratio Lower Upper
84 100
49 110.4 91.8 137.6
51 32.3 28.5 42.7
86 61.7 50.2 75.2





#25

2-Butanone

Concen: 2.158 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007310.D

Acq: 30 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

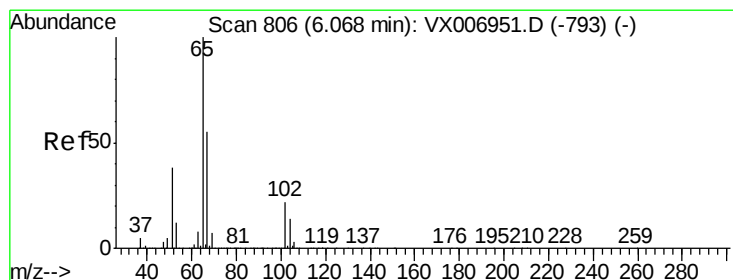
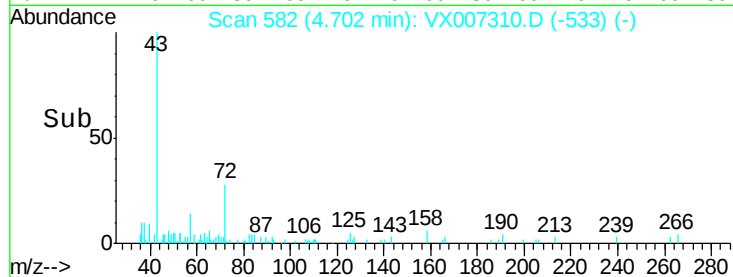
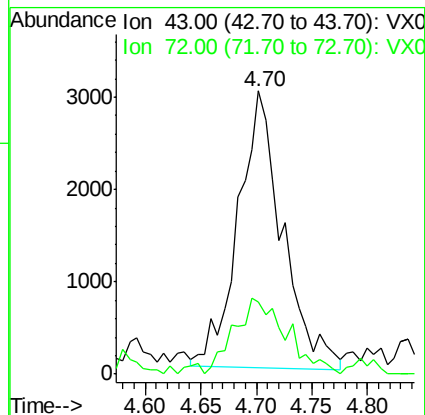
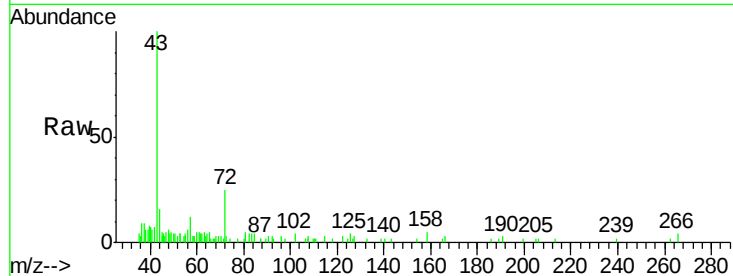
PB116701ZHE#04

Tot Ion: 43 Resp: 8294

Ion Ratio Lower Upper

43 100

72 26.7 22.4 33.6



#33

1,2-Dichloroethane-d4

Concen: 52.392 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007310.D

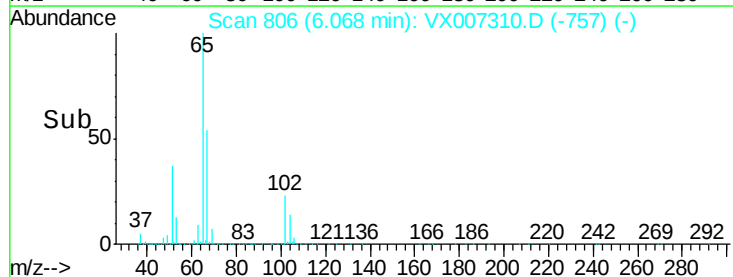
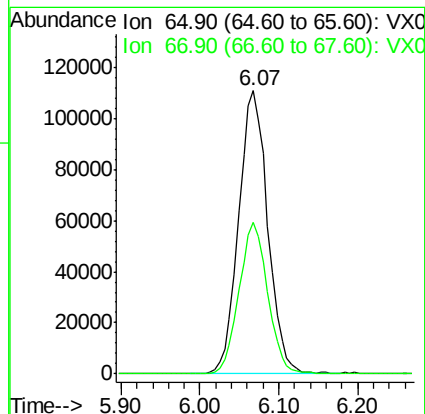
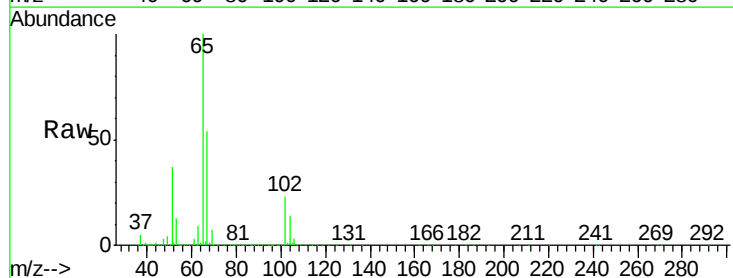
Acq: 30 Jan 2019 13:11

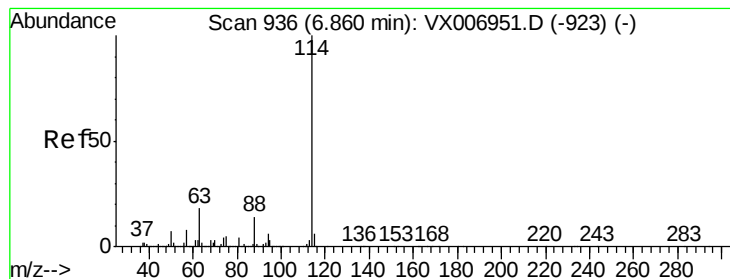
Tgt Ion: 65 Resp: 284658

Ion Ratio Lower Upper

65 100

67 52.7 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: VX007310.D

Acq: 30 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#04

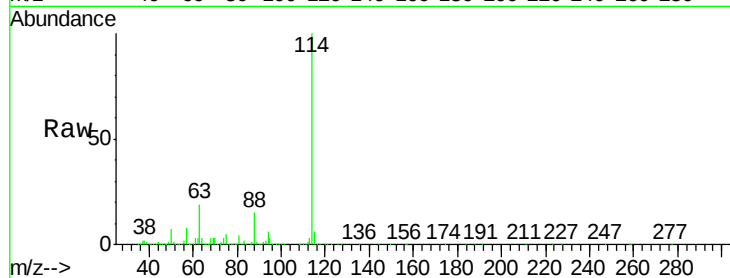
Tot Ion:114 Resp: 808559

Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.8

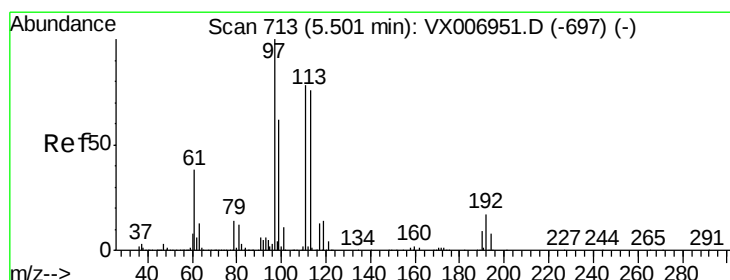
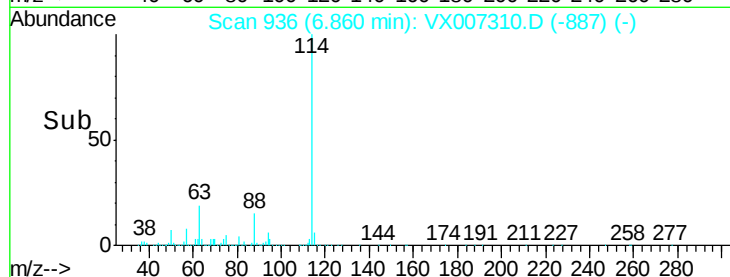
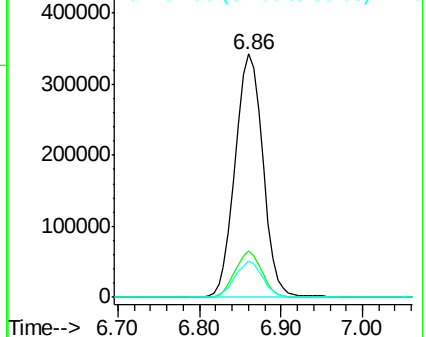
88 14.7 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 48.972 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007310.D

Acq: 30 Jan 2019 13:11

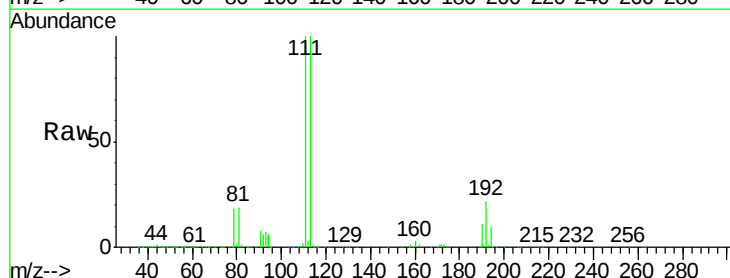
Tgt Ion:113 Resp: 253577

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

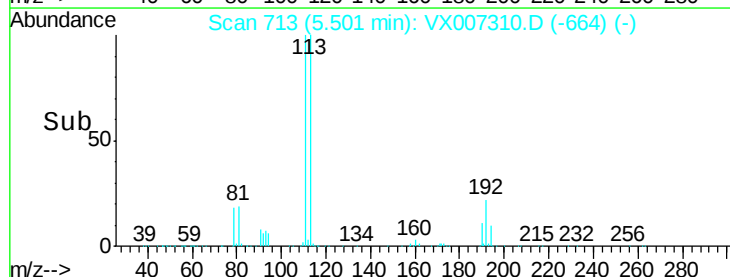
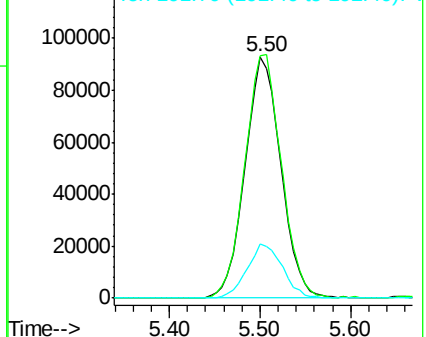
192 22.4 16.7 25.1

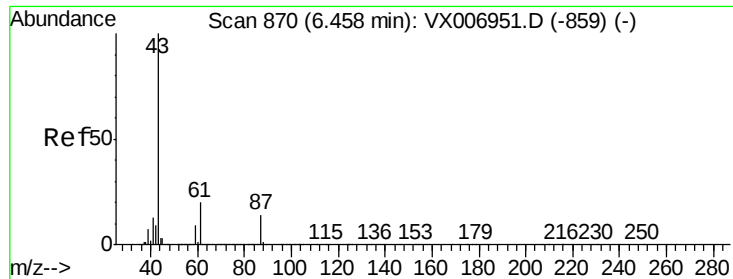


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



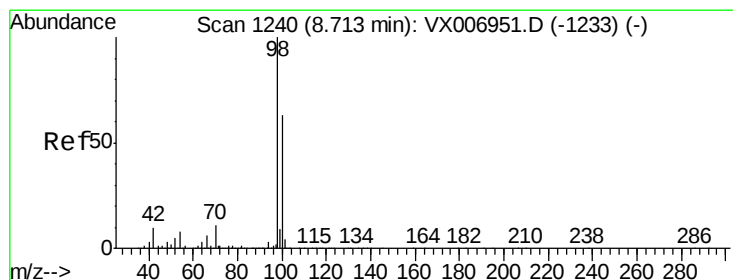
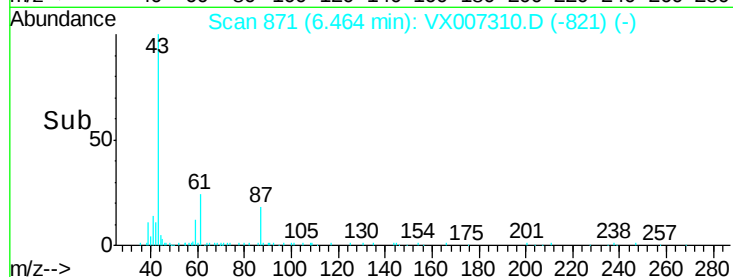
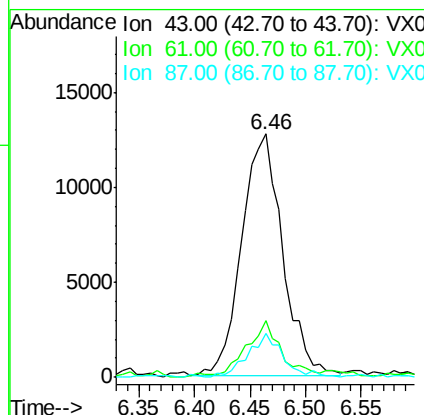
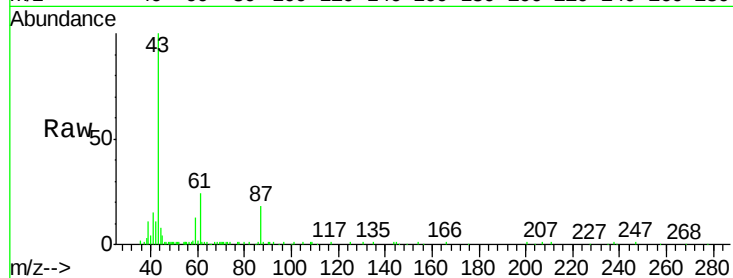


#43

Isopropyl Acetate
 Concen: 2.756 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007310.D
 Acq: 30 Jan 2019 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116701ZHE#04

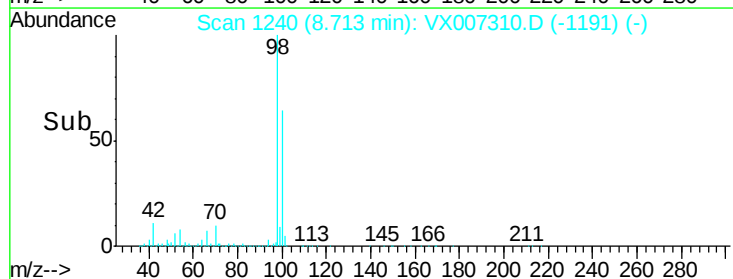
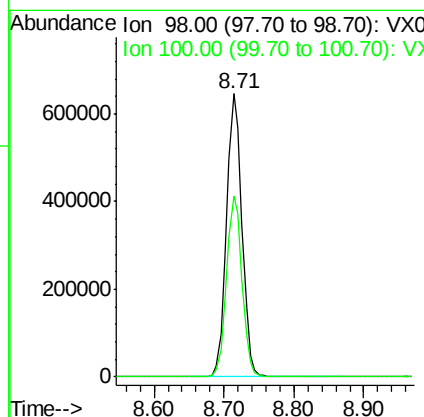
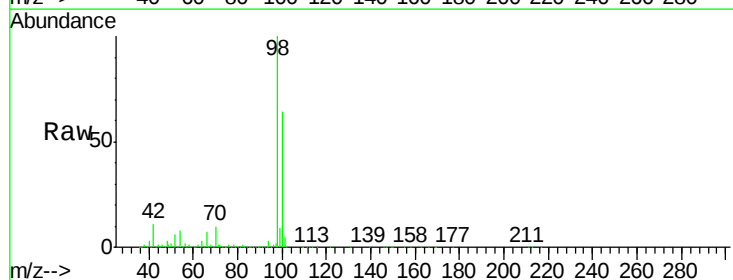
Tot Ion	43	Resp	32761
Ion Ratio	Lower	Upper	
43	100		
61	18.1	16.8	25.2
87	15.6	12.4	18.6

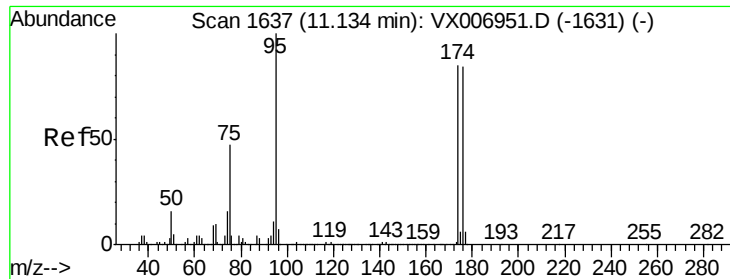


#50

Toluene-d8
 Concen: 52.247 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX007310.D
 Acq: 30 Jan 2019 13:11

Tgt Ion	98	Resp	990230
Ion Ratio	Lower	Upper	
98	100		
100	64.0	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 52.723 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007310.D

Acq: 30 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#04

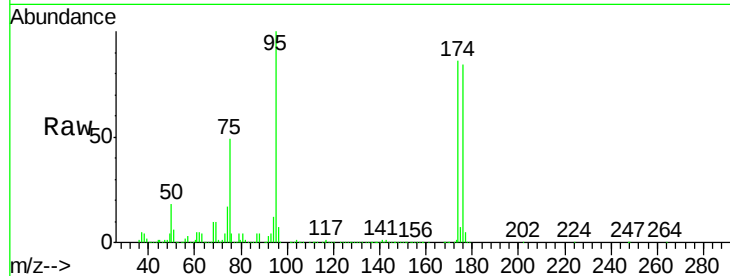
Tot Ion: 95 Resp: 348368

Ion Ratio Lower Upper

95 100

174 94.3 0.0 182.2

176 91.2 0.0 178.8

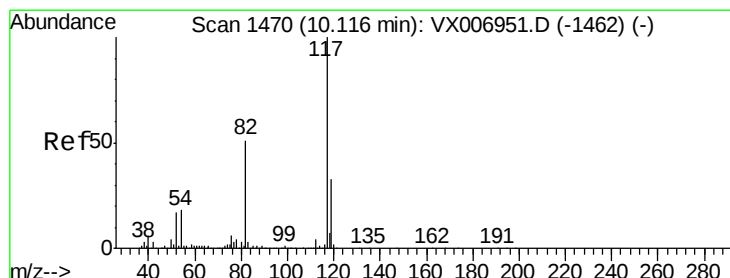
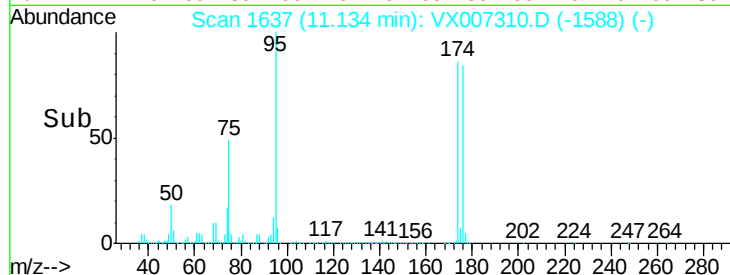


Abundance Ion 94.90 (94.60 to 95.60): VX007310.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007310.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007310.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007310.D

Acq: 30 Jan 2019 13:11

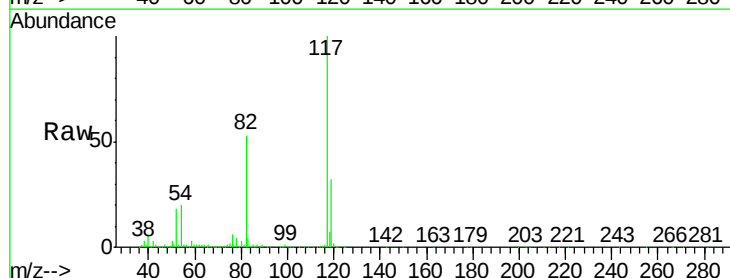
Tgt Ion: 117 Resp: 786705

Ion Ratio Lower Upper

117 100

82 52.6 41.0 61.6

119 32.4 25.4 38.0

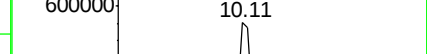
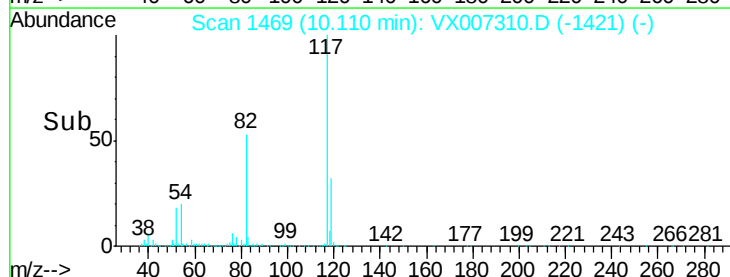


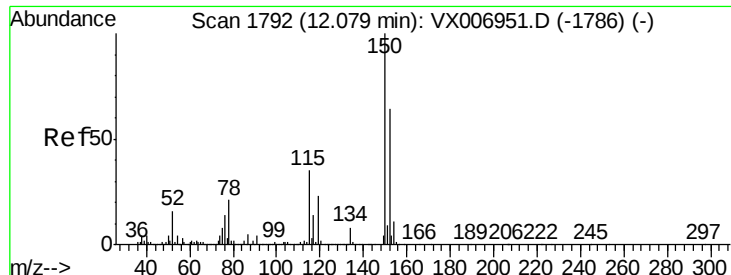
Abundance Ion 116.90 (116.60 to 117.60): VX007310.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX007310.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX007310.D (-1421) (-)

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: VX007310.D

Acq: 30 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#04

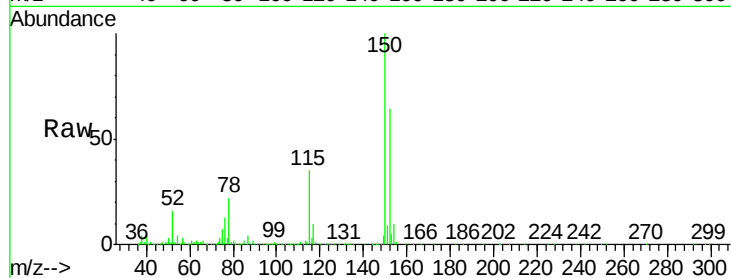
Tot Ion:152 Resp: 375415

Ion Ratio Lower Upper

152 100

115 55.3 39.1 117.2

150 157.2 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

