

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
 Data File : VX007309.D
 Acq On : 30 Jan 2019 12:45
 Operator : JC/SP
 Sample : PB116701ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116701ZHE#03

Quant Time: Jan 31 03:55:39 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

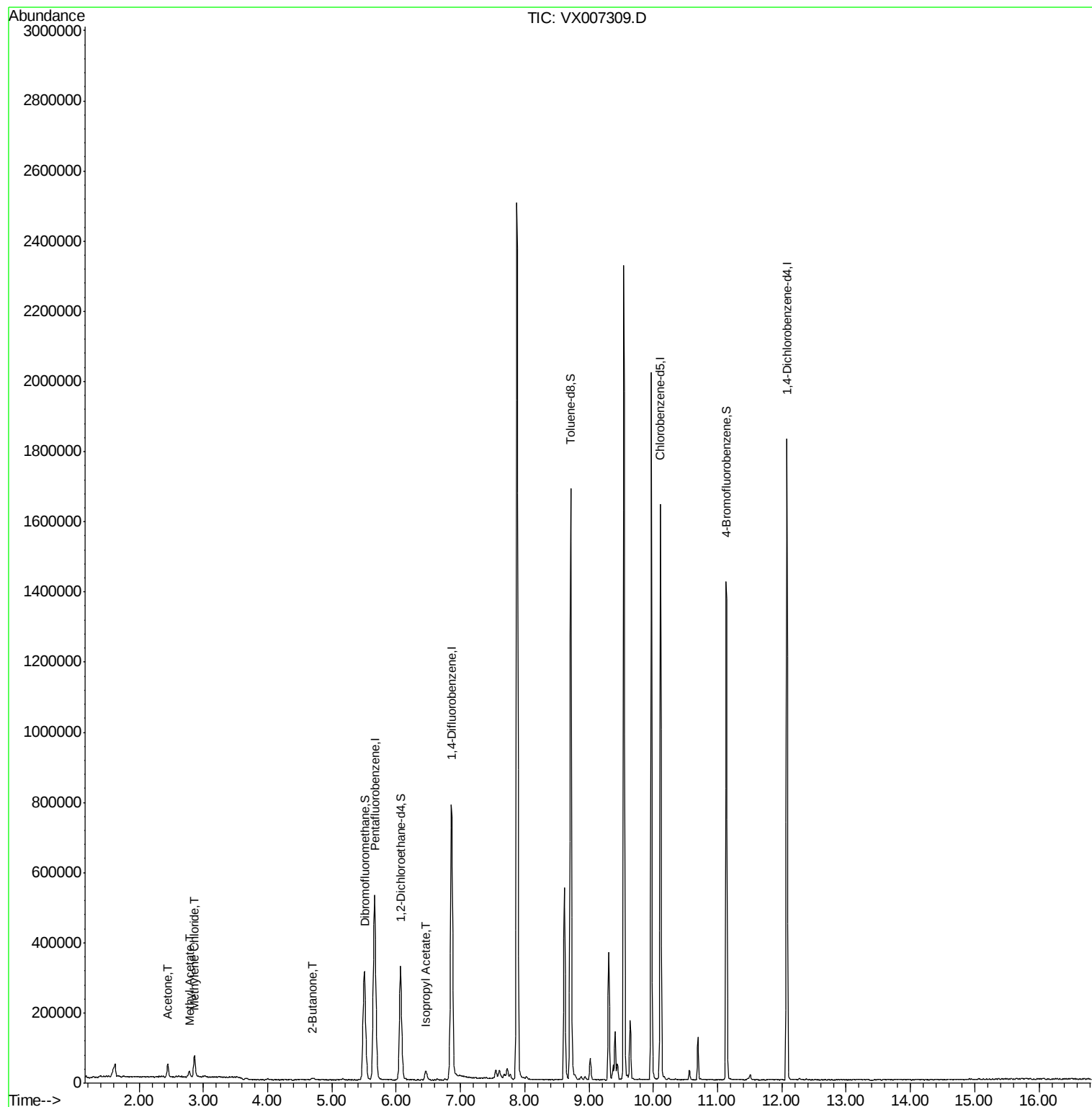
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	543431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	841374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	807806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	386678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	294893	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
35) Dibromofluoromethane	5.51	113	266516	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	8.71	98	1025700	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	11.13	95	362232	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
Target Compounds						
16) Acetone	2.45	43	40198	14.317	ug/l	99
18) Methyl Acetate	2.78	43	25137	3.092	ug/l	97
20) Methylene Chloride	2.86	84	30492	5.203	ug/l	97
25) 2-Butanone	4.70	43	8325	2.072	ug/l #	83
43) Isopropyl Acetate	6.46	43	33736	2.727	ug/l	98

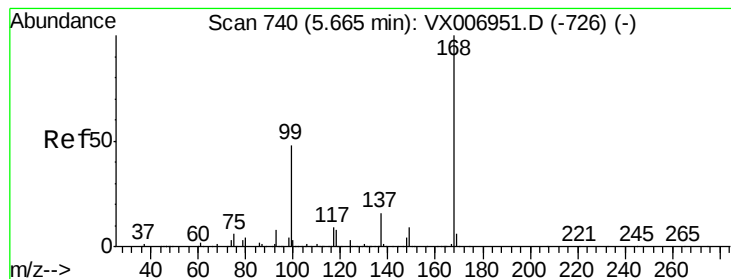
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007309.D

Acq: 30 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

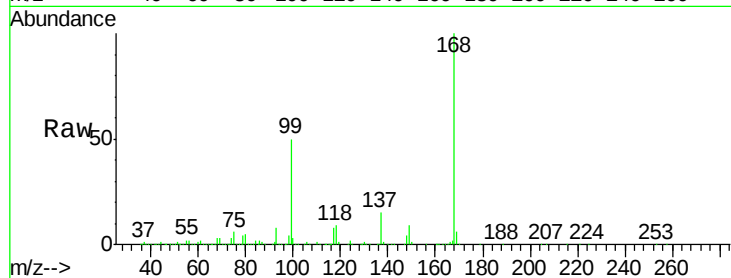
PB116701ZHE#03

Tot Ion:168 Resp: 543431

Ion Ratio Lower Upper

168 100

99 49.6 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

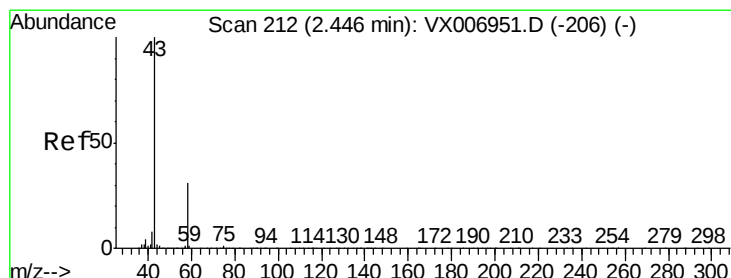
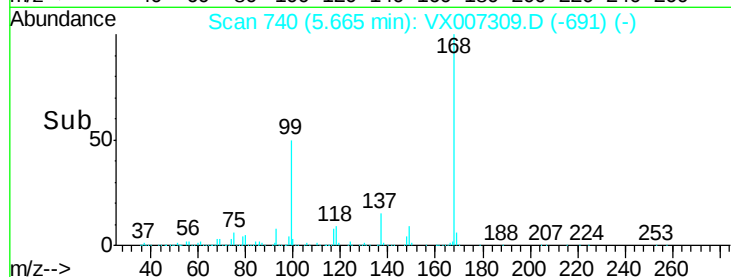
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.317 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007309.D

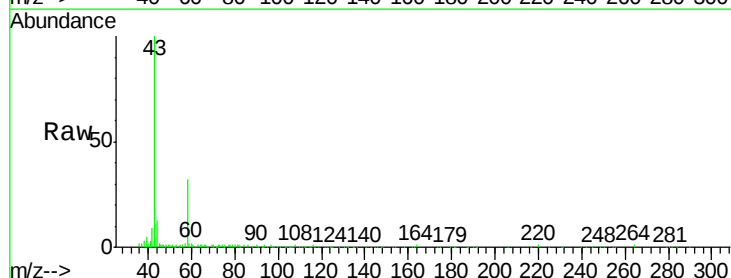
Acq: 30 Jan 2019 12:45

Tgt Ion: 43 Resp: 40198

Ion Ratio Lower Upper

43 100

58 32.0 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

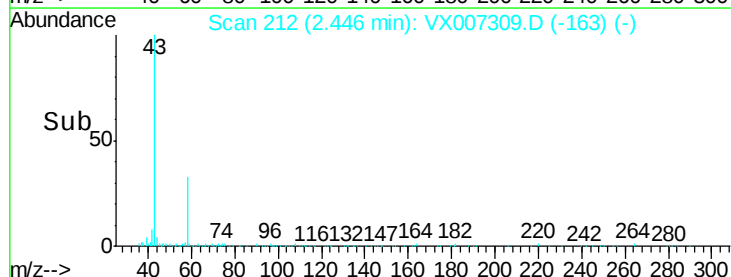
15000

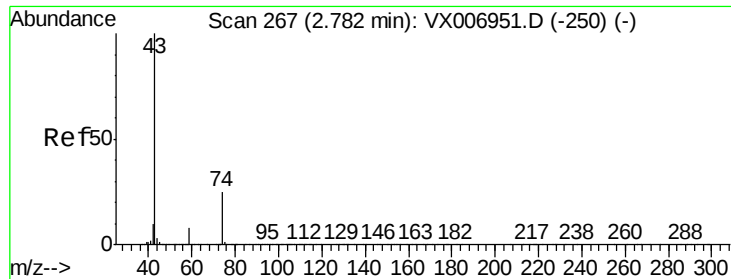
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

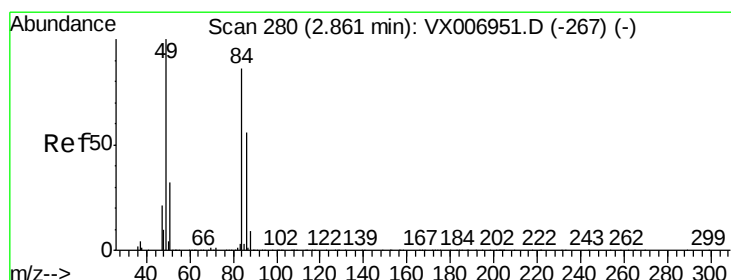
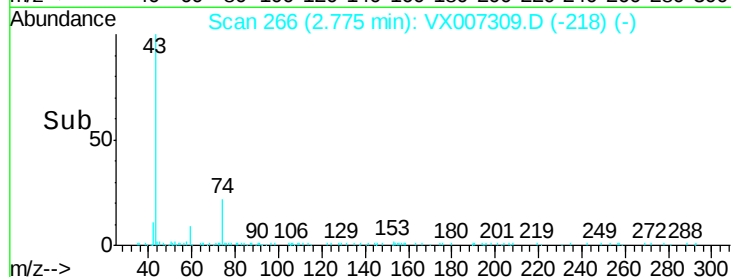
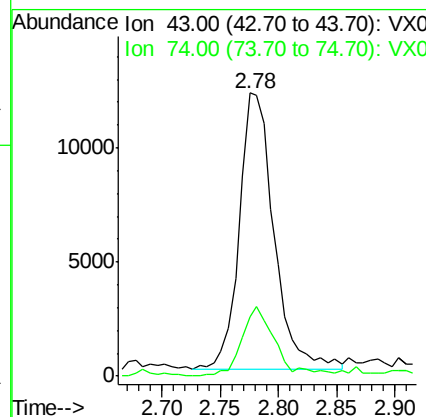
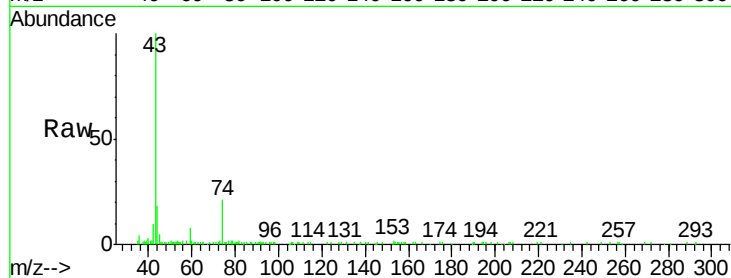




#18
Methyl Acetate
Concen: 3.092 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

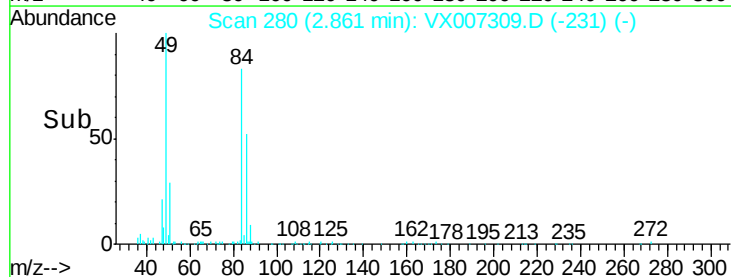
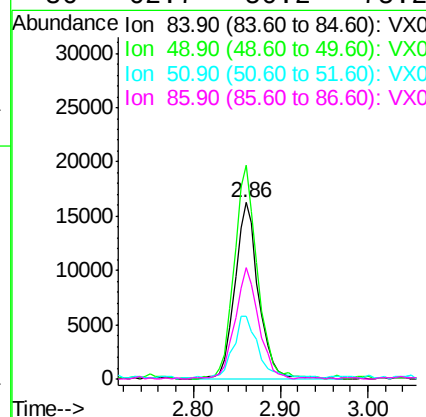
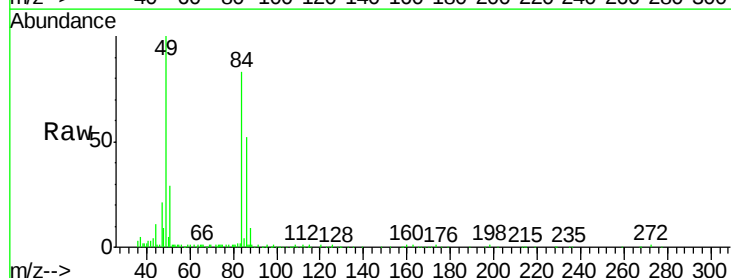
Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#03

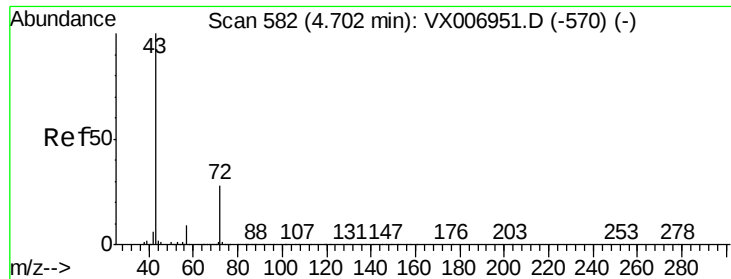
Tot Ion: 43 Resp: 25137
Ion Ratio Lower Upper
43 100
74 24.9 18.6 28.0



#20
Methylene Chloride
Concen: 5.203 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion: 84 Resp: 30492
Ion Ratio Lower Upper
84 100
49 120.7 91.8 137.6
51 34.2 28.5 42.7
86 62.7 50.2 75.2





#25

2-Butanone

Concen: 2.072 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007309.D

Acq: 30 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

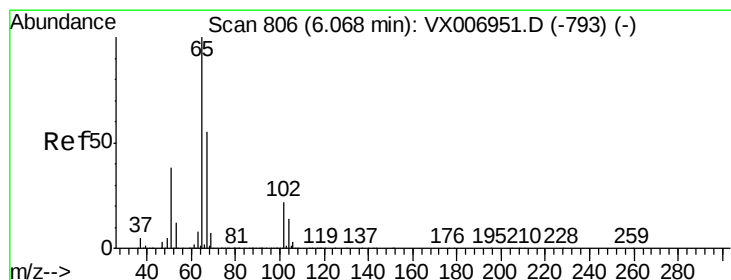
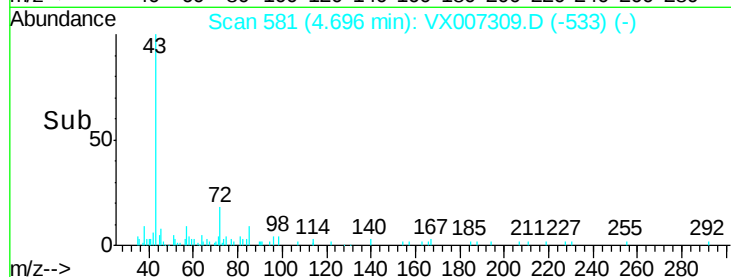
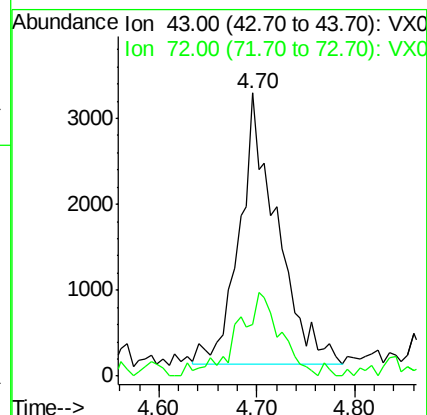
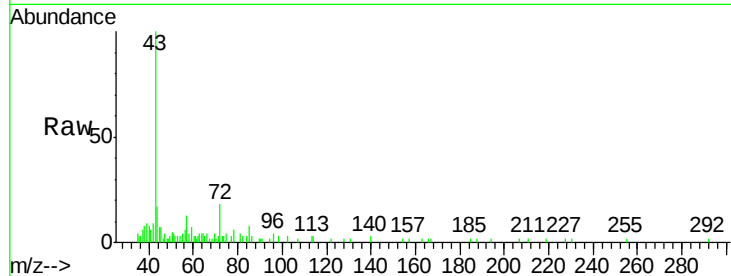
PB116701ZHE#03

Tot Ion: 43 Resp: 8325

Ion Ratio Lower Upper

43 100

72 19.2 22.4 33.6#



#33

1,2-Dichloroethane-d4

Concen: 51.924 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007309.D

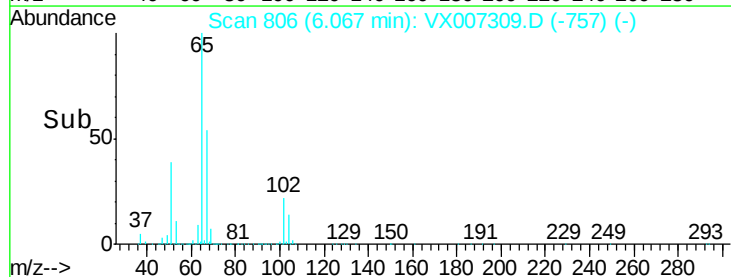
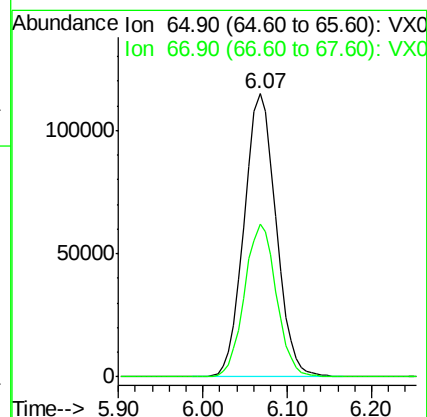
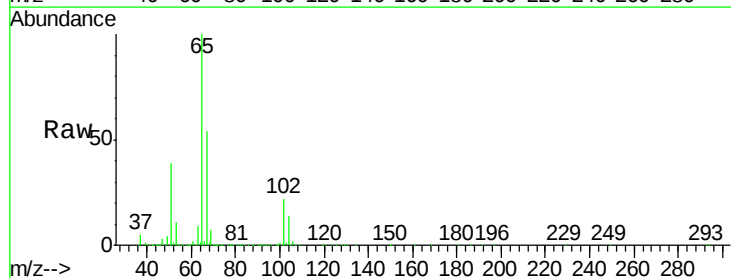
Acq: 30 Jan 2019 12:45

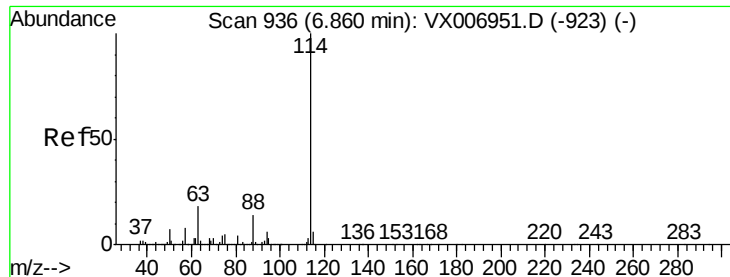
Tgt Ion: 65 Resp: 294893

Ion Ratio Lower Upper

65 100

67 53.8 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: VX007309.D

Acq: 30 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#03

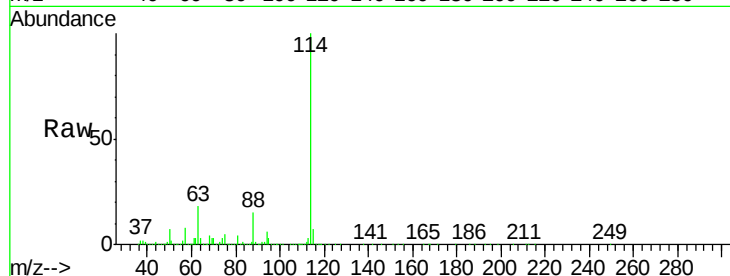
Tot Ion:114 Resp: 841374

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

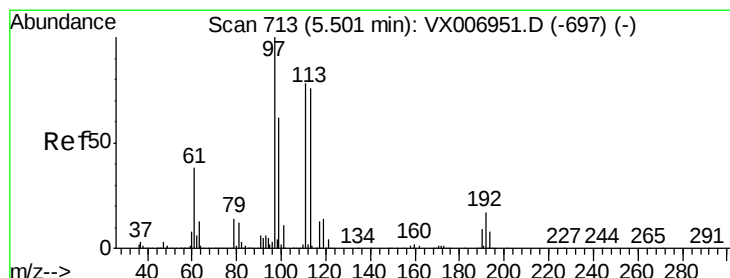
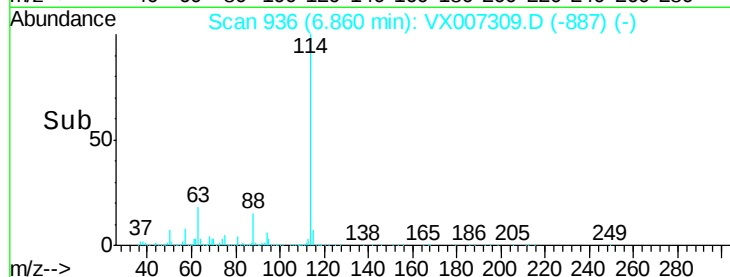
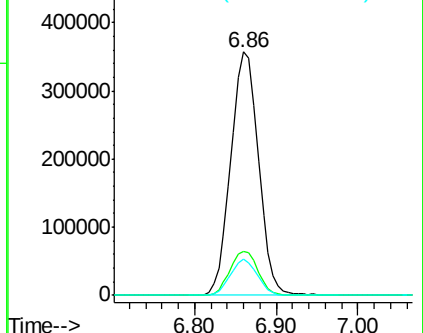
88 14.6 0.0 28.8



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: 49.464 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007309.D

Acq: 30 Jan 2019 12:45

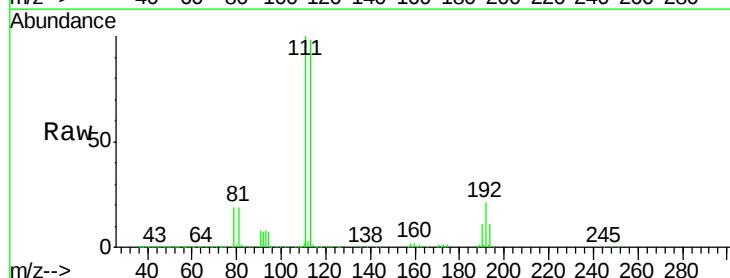
Tgt Ion:113 Resp: 266516

Ion Ratio Lower Upper

113 100

111 101.2 81.6 122.4

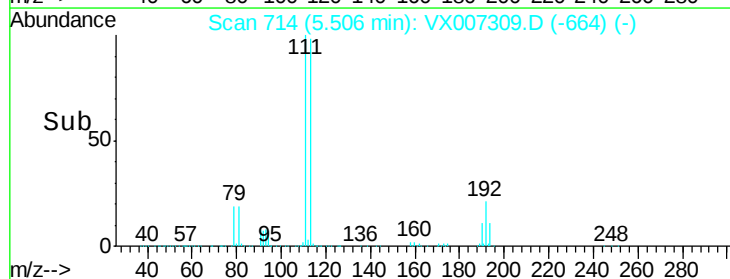
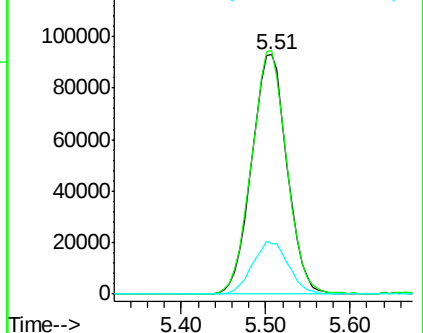
192 22.2 16.7 25.1

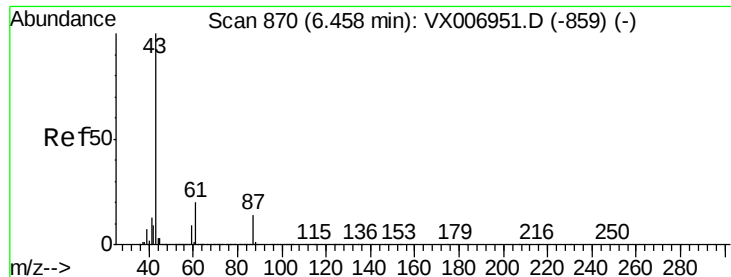


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.727 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007309.D

Acq: 30 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#03

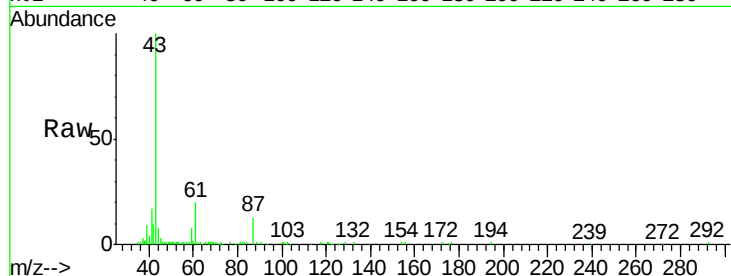
Tot Ion: 43 Resp: 33736

Ion Ratio Lower Upper

43 100

61 22.3 16.8 25.2

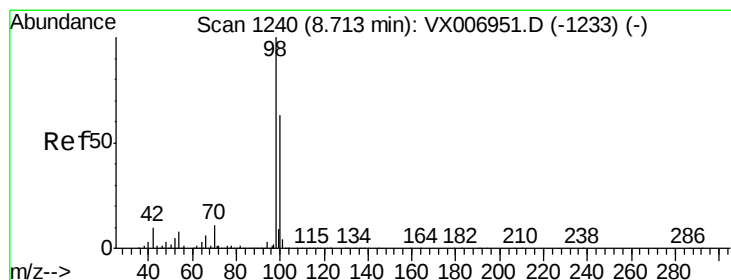
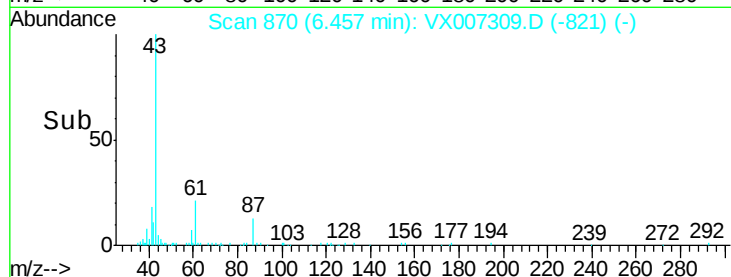
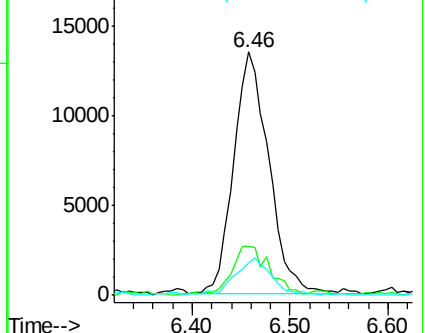
87 16.3 12.4 18.6



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: 52.008 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007309.D

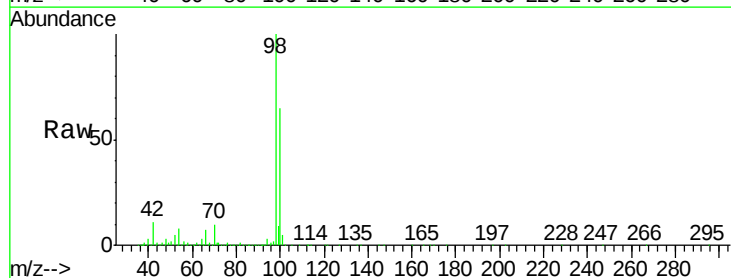
Acq: 30 Jan 2019 12:45

Tgt Ion: 98 Resp: 1025700

Ion Ratio Lower Upper

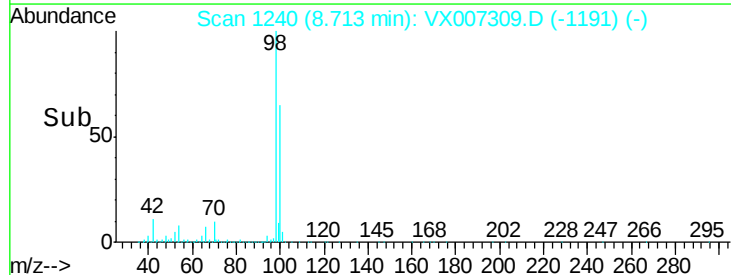
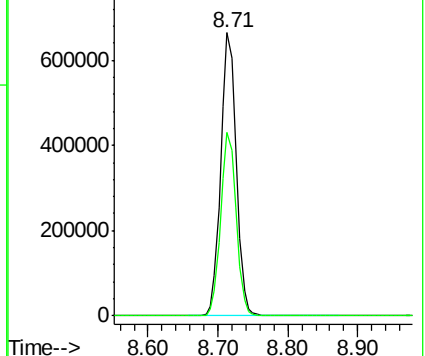
98 100

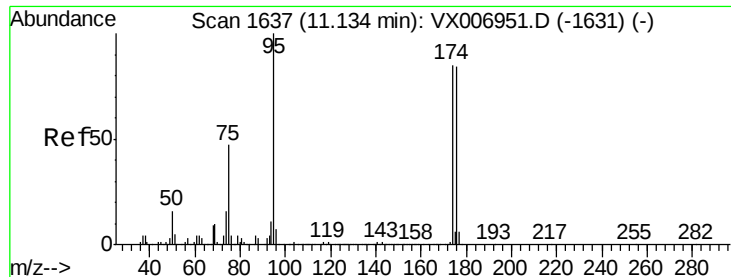
100 64.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.684 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007309.D

Acq: 30 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#03

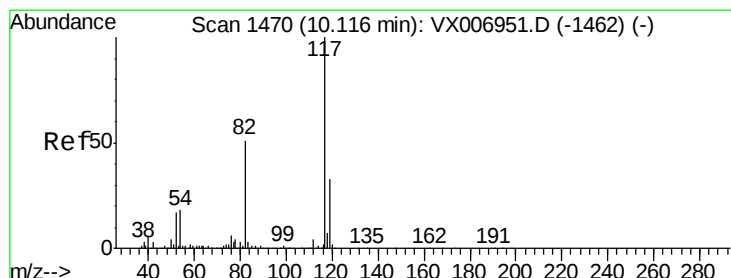
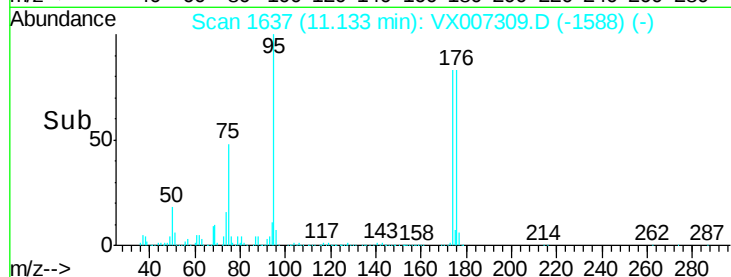
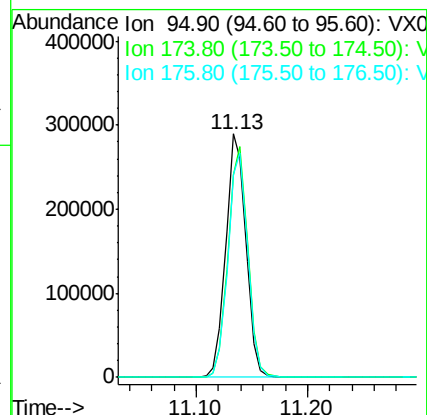
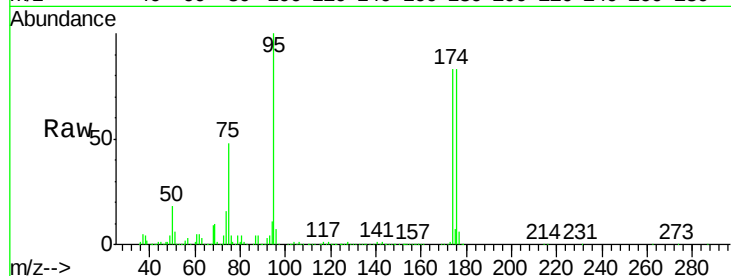
Tot Ion: 95 Resp: 362232

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.2

176 90.7 0.0 178.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007309.D

Acq: 30 Jan 2019 12:45

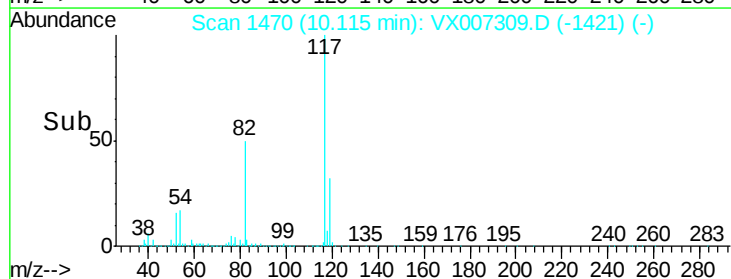
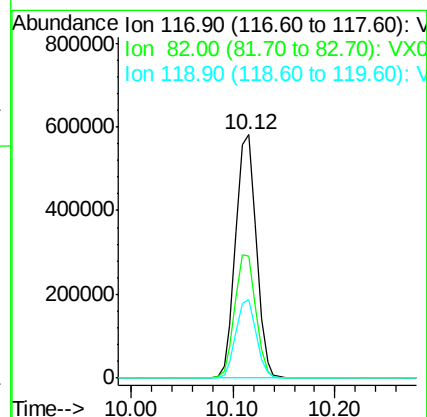
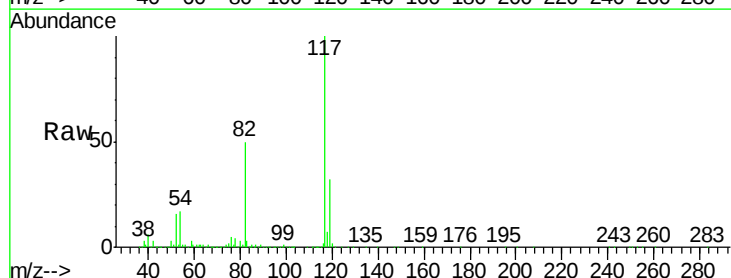
Tgt Ion: 117 Resp: 807806

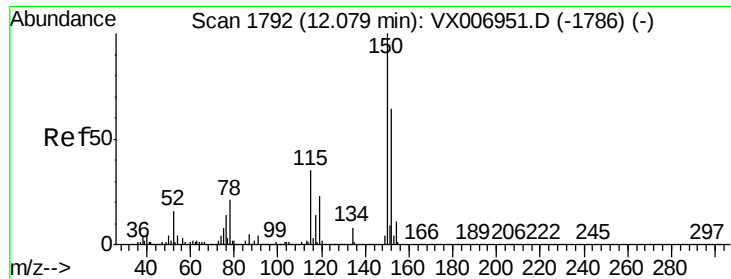
Ion Ratio Lower Upper

117 100

82 49.9 41.0 61.6

119 32.2 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: VX007309.D

Acq: 30 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

PB116701ZHE#03

Tot Ion:152 Resp: 386678

Ion Ratio Lower Upper

152 100

115 54.7 39.1 117.2

150 156.6 0.0 344.8

