

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006480.D
 Acq On : 13 Dec 2018 07:46
 Operator : JC/MD
 Sample : J6357-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-09A

Quant Time: Dec 13 11:42:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

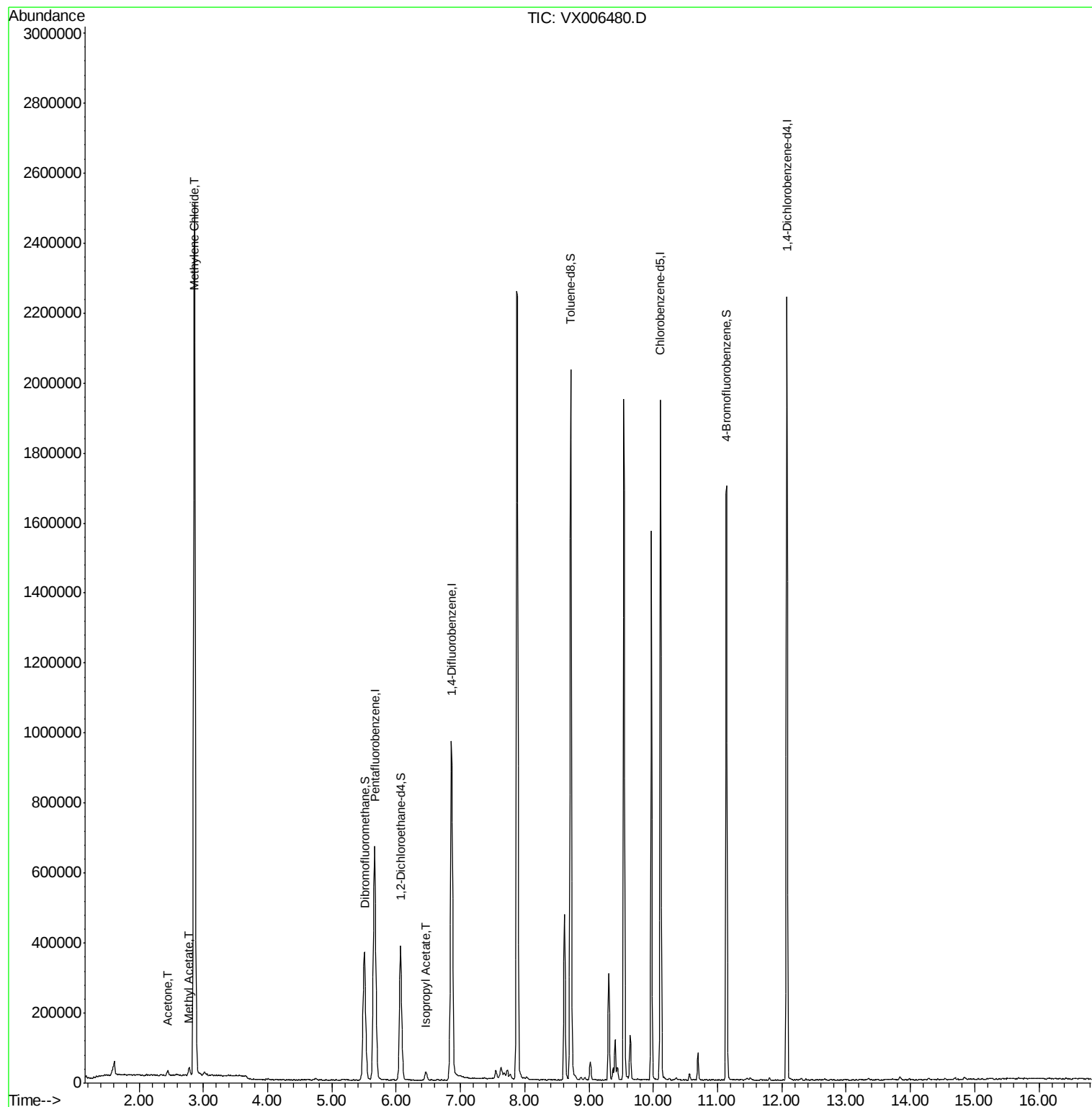
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	666283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1060184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	984191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	476153	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	355603	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
35) Dibromofluoromethane	5.50	113	317353	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
50) Toluene-d8	8.71	98	1265044	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.13	95	463927	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
Target Compounds						
16) Acetone	2.45	43	14520	4.549	ug/l	93
18) Methyl Acetate	2.78	43	28525	2.672	ug/l	91
20) Methylene Chloride	2.86	84	1177047	173.265	ug/l	94
43) Isopropyl Acetate	6.46	43	31234	1.874	ug/l	95

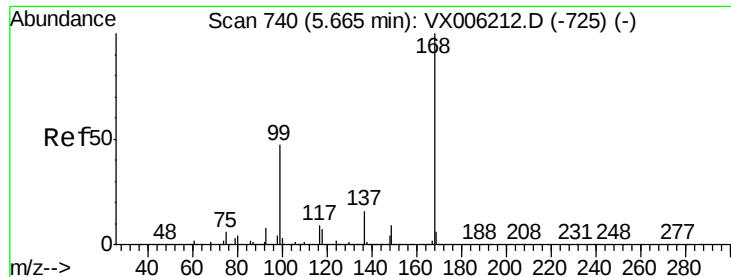
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006480.D

Acq: 13 Dec 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

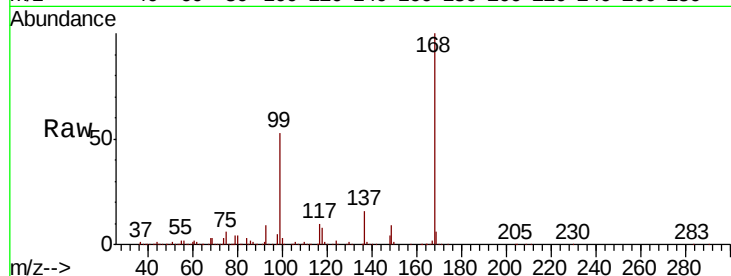
SB-09A

Tot Ion:168 Resp: 666283

Ion Ratio Lower Upper

168 100

99 53.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

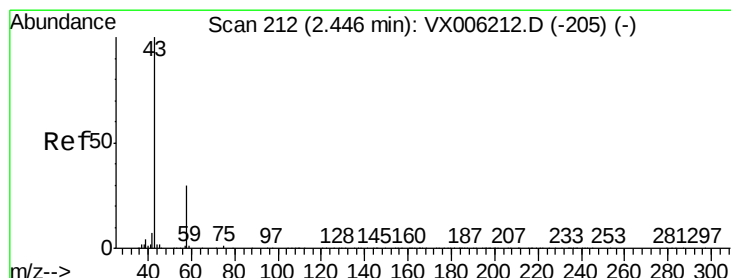
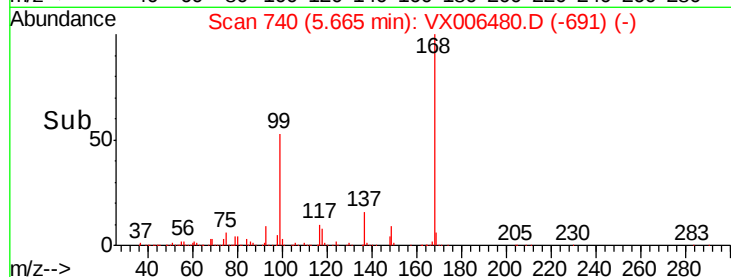
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.549 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006480.D

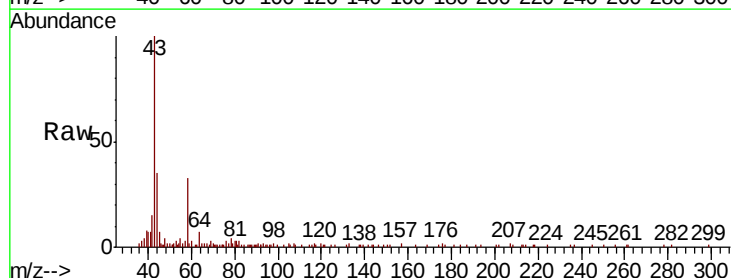
Acq: 13 Dec 2018 07:46

Tgt Ion: 43 Resp: 14520

Ion Ratio Lower Upper

43 100

58 33.7 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

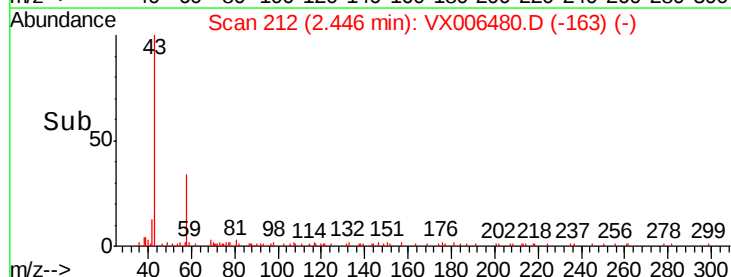
6000

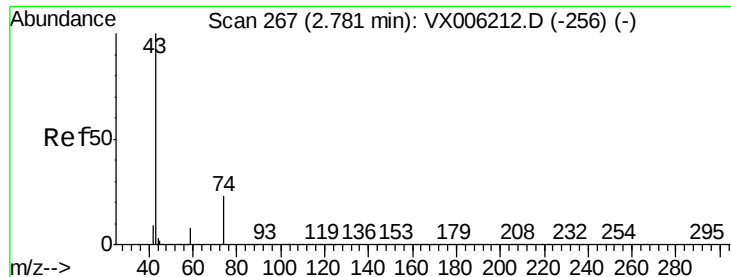
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

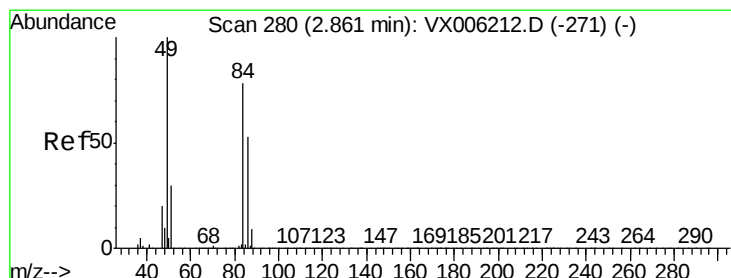
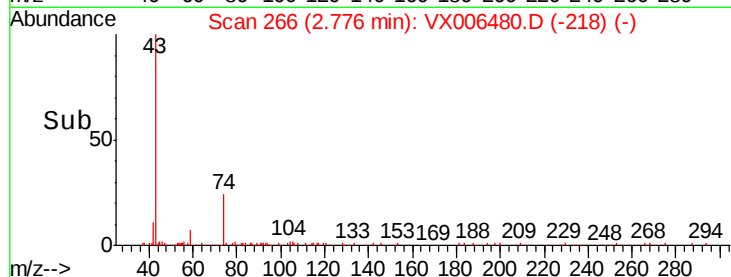
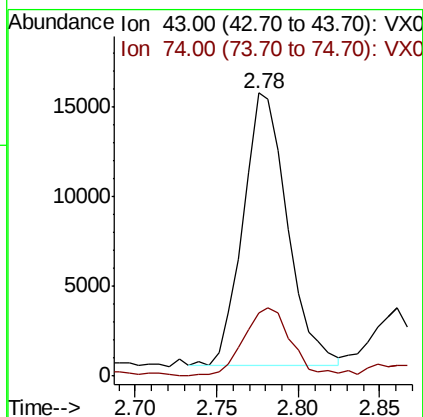
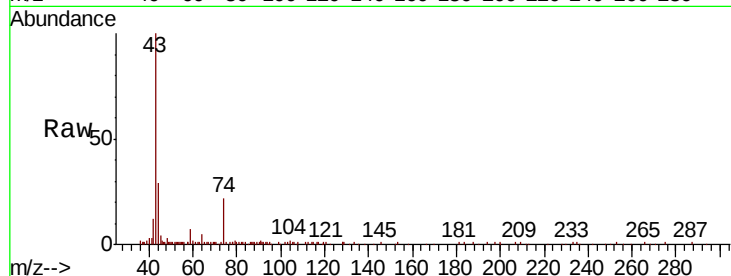




#18
Methyl Acetate
Concen: 2.672 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006480.D
Acq: 13 Dec 2018 07:46

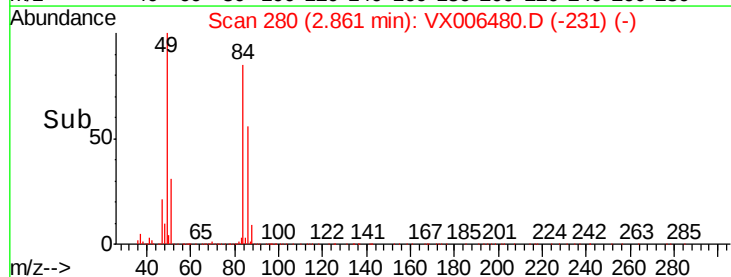
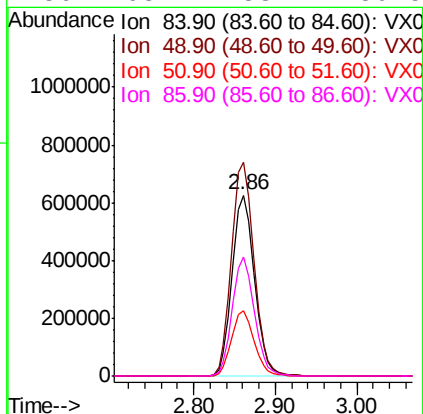
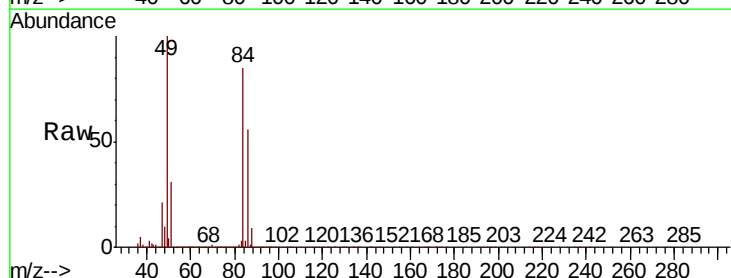
Instrument :
MSVOA_X
ClientSampleId :
SB-09A

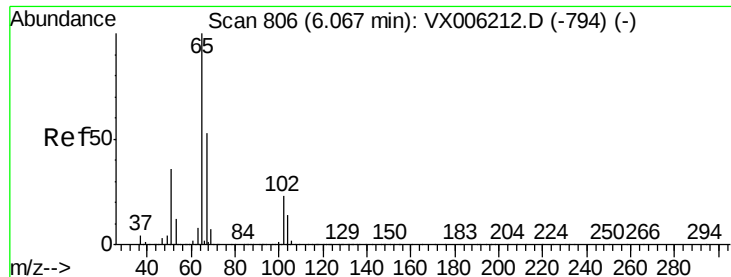
Tot Ion: 43 Resp: 28525
Ion Ratio Lower Upper
43 100
74 26.7 17.9 26.9



#20
Methylene Chloride
Concen: 173.265 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006480.D
Acq: 13 Dec 2018 07:46

Tgt Ion: 84 Resp: 1177047
Ion Ratio Lower Upper
84 100
49 118.1 102.2 153.4
51 36.4 31.1 46.7
86 65.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 52.282 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006480.D

Acq: 13 Dec 2018 07:46

Instrument :

MSVOA_X

ClientSampled :

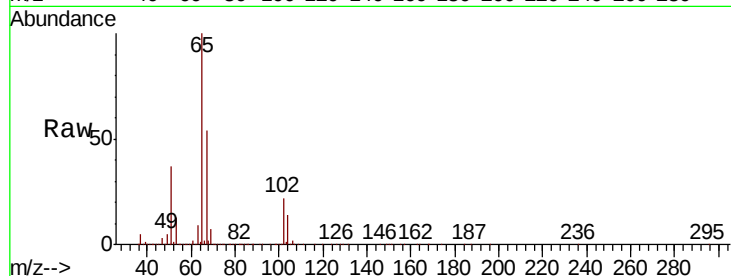
SB-09A

Tot Ion: 65 Resp: 355603

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

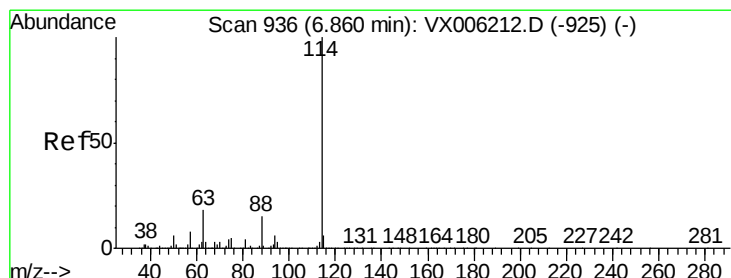
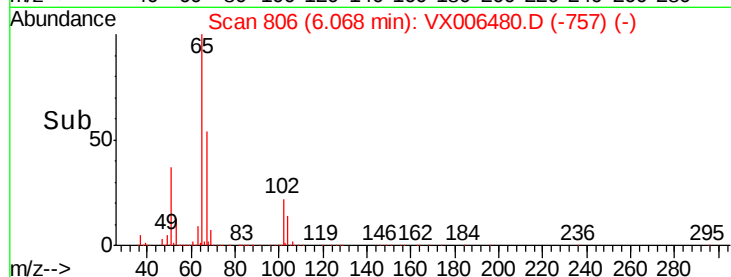
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006480.D

Acq: 13 Dec 2018 07:46

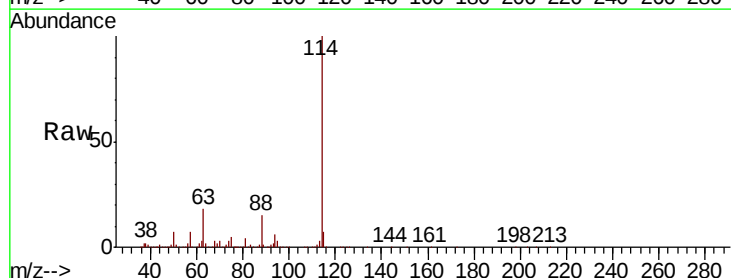
Tgt Ion: 114 Resp: 1060184

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

88 14.5 0.0 29.0



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

600000

500000

400000

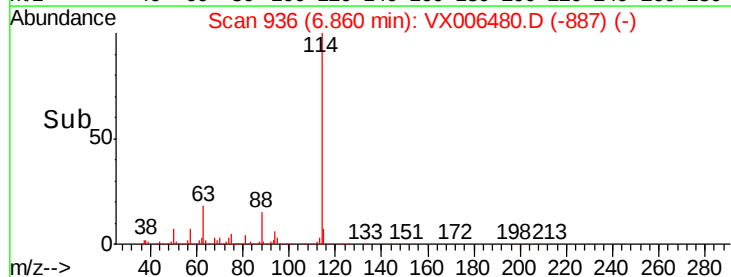
300000

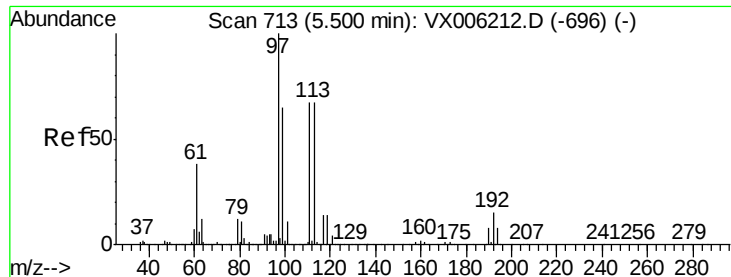
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 46.233 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006480.D

Acq: 13 Dec 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

SB-09A

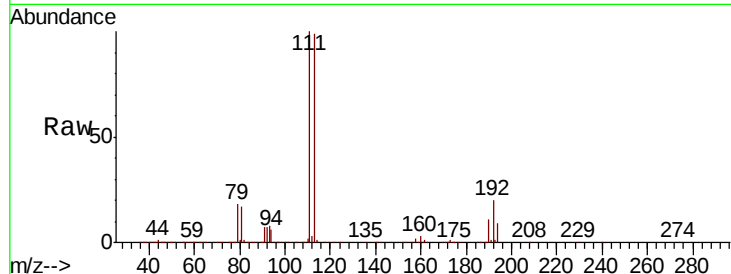
Tot Ion:113 Resp: 317353

Ion Ratio Lower Upper

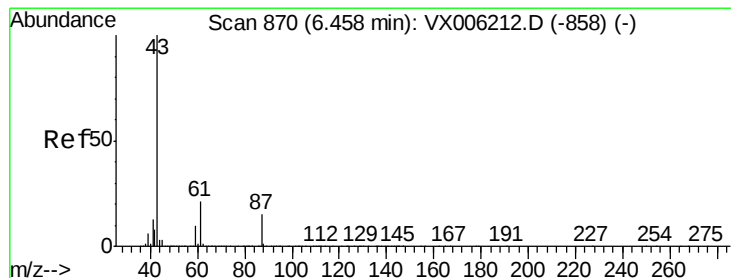
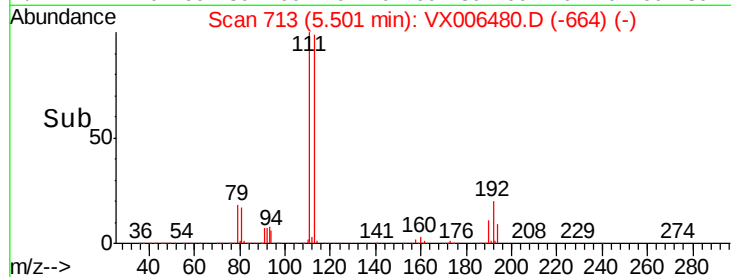
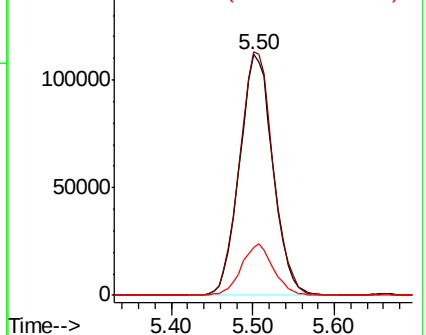
113 100

111 102.2 81.1 121.7

192 20.5 18.2 27.2



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: 1.874 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006480.D

Acq: 13 Dec 2018 07:46

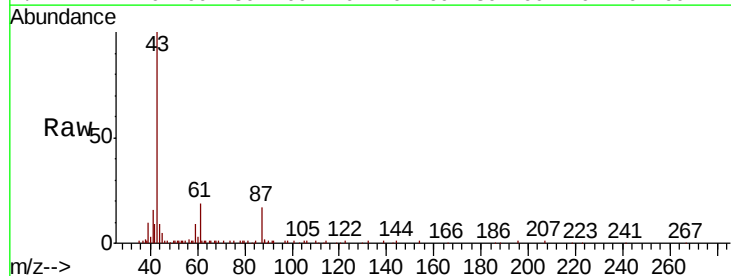
Tgt Ion: 43 Resp: 31234

Ion Ratio Lower Upper

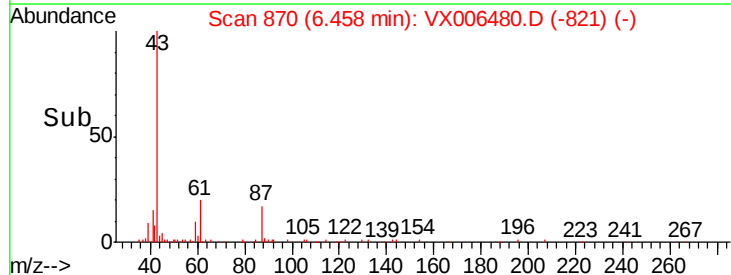
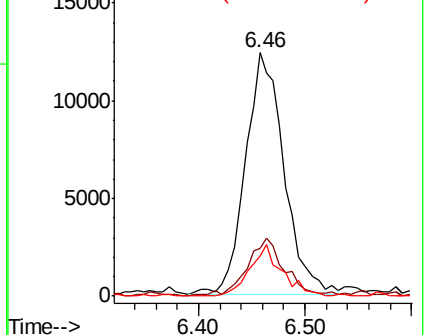
43 100

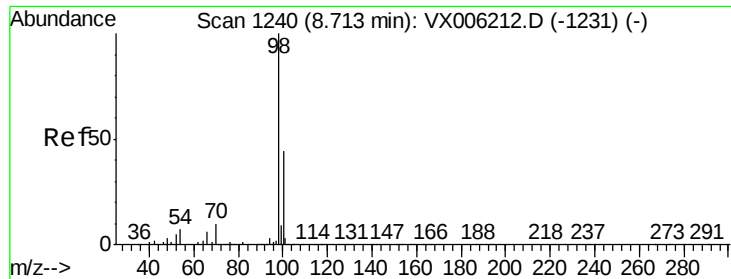
61 23.1 16.8 25.2

87 17.7 11.9 17.9



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: 50.666 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006480.D

Acq: 13 Dec 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

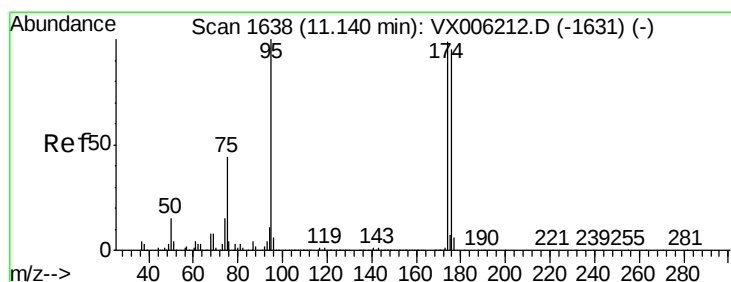
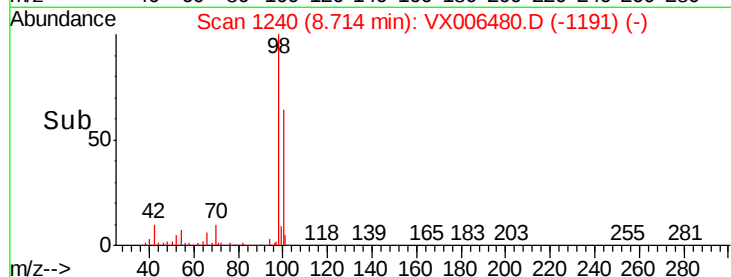
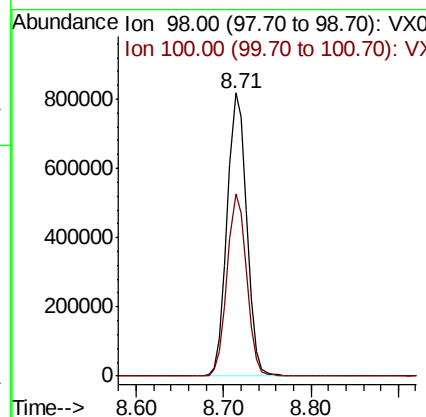
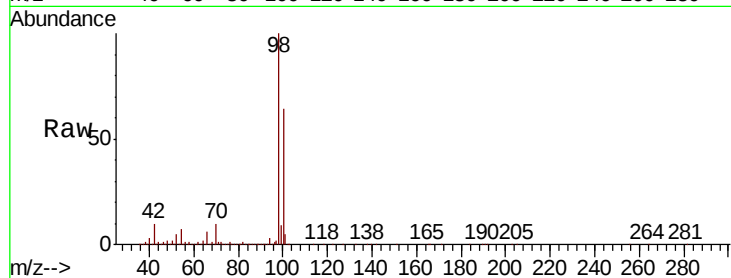
SB-09A

Tot Ion: 98 Resp: 1265044

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.308 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006480.D

Acq: 13 Dec 2018 07:46

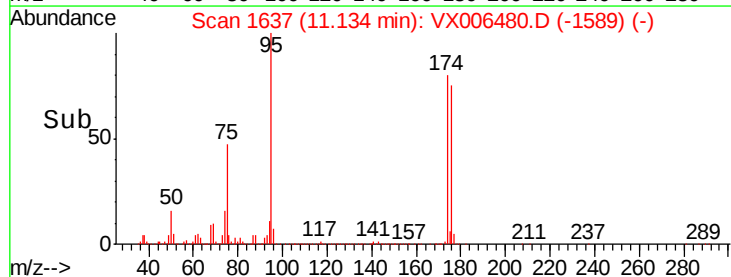
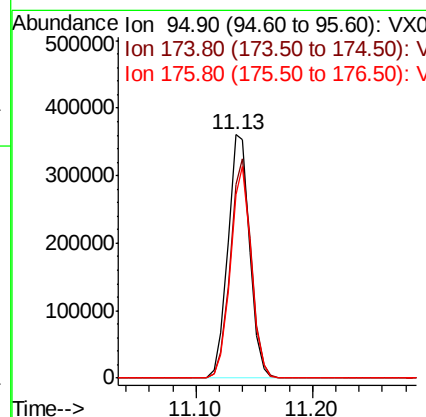
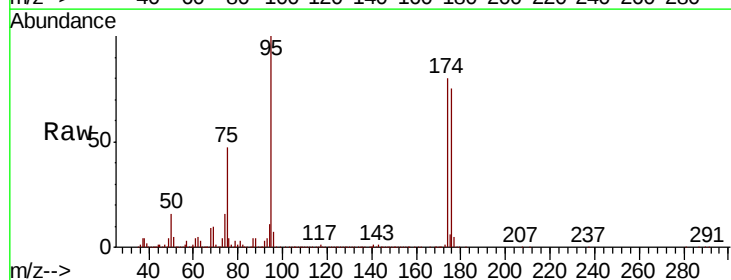
Tgt Ion: 95 Resp: 463927

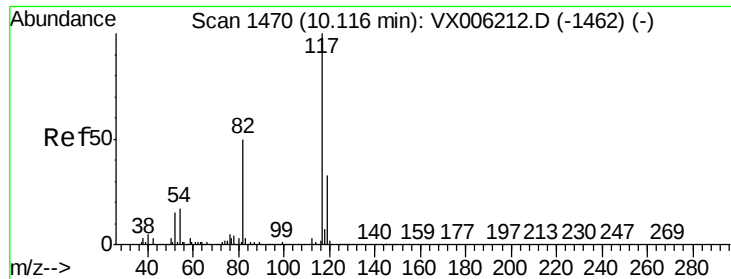
Ion Ratio Lower Upper

95 100

174 87.1 0.0 187.0

176 83.4 0.0 181.8

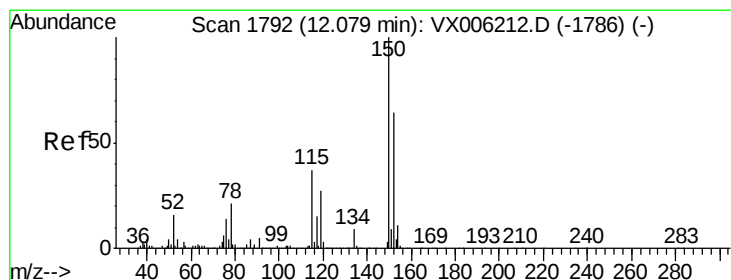
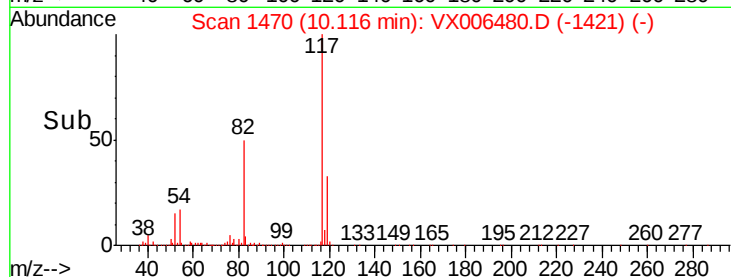
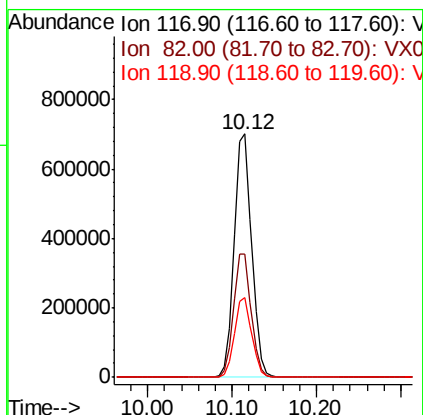
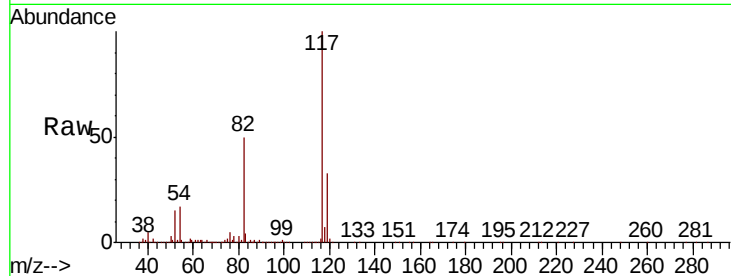




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006480.D
Acq: 13 Dec 2018 07:46

Instrument :
MSVOA_X
ClientSampleId :
SB-09A

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.5	39.6	59.4
119	32.8	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006480.D
Acq: 13 Dec 2018 07:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	39.0	116.9
150	157.4	0.0	345.8

