

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006743.D
 Acq On : 22 Dec 2018 00:51
 Operator : JC/MD
 Sample : J6191-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NB-07-122018-B

Quant Time: Dec 22 05:45:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

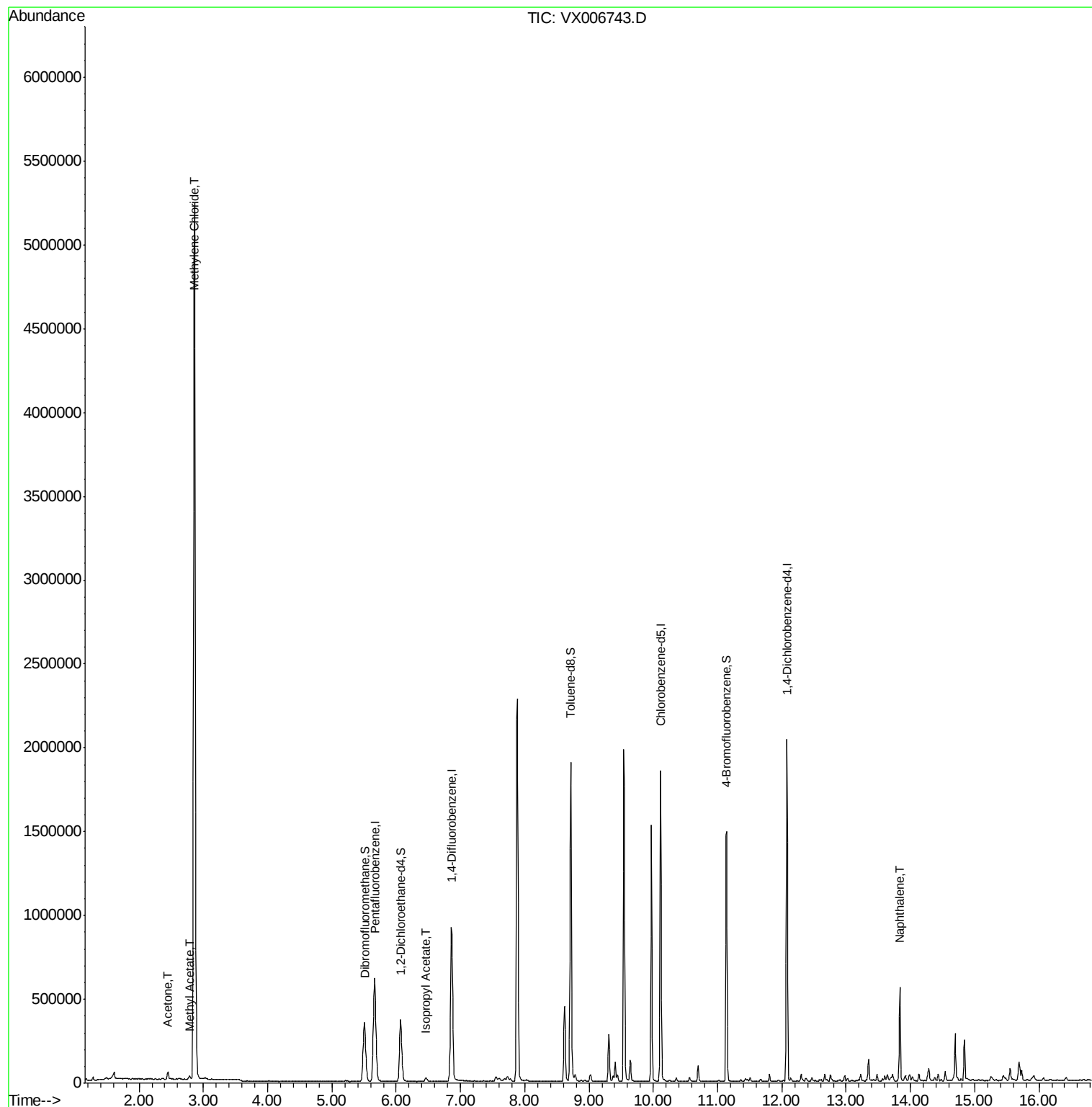
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	627806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	991500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	905069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	426459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	345511	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
35) Dibromofluoromethane	5.51	113	304105	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
50) Toluene-d8	8.71	98	1164603	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.14	95	406211	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
Target Compounds						
16) Acetone	2.45	43	47970	15.431	ug/l	97
18) Methyl Acetate	2.78	43	23961	2.621	ug/l #	90
20) Methylene Chloride	2.86	84	2410004	374.919	ug/l	96
43) Isopropyl Acetate	6.46	43	29332	2.255	ug/l	99
95) Naphthalene	13.83	128	347846	11.111	ug/l	99

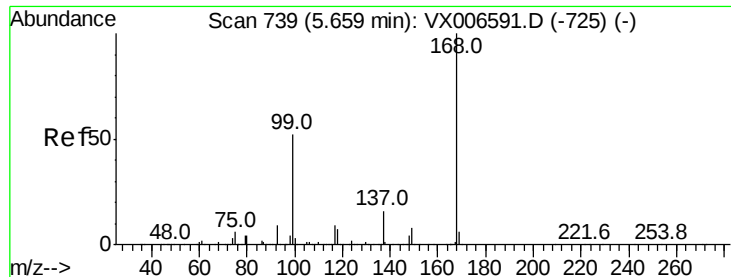
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
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: VX006743.D

Acq: 22 Dec 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

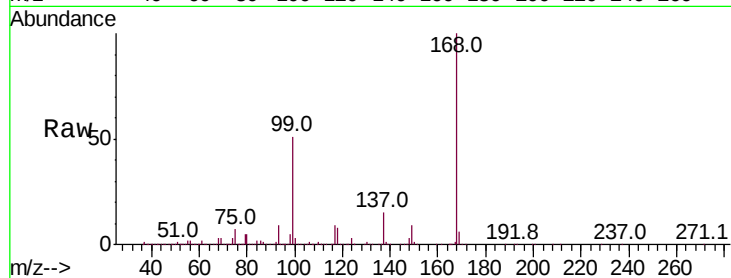
NB-07-122018-B

Tot Ion:168 Resp: 627806

Ion Ratio Lower Upper

168 100

99 50.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

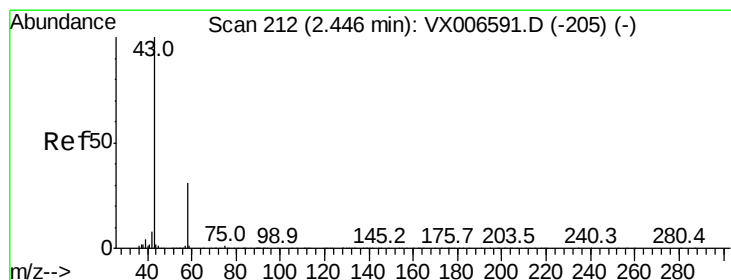
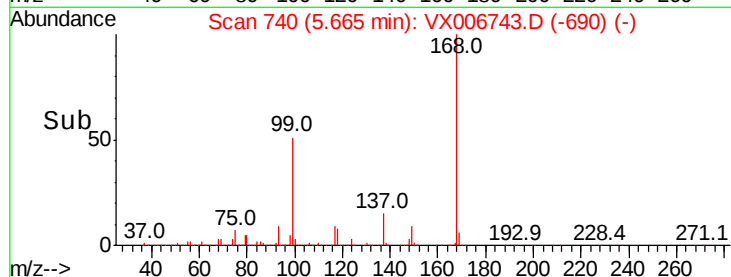
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 15.431 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006743.D

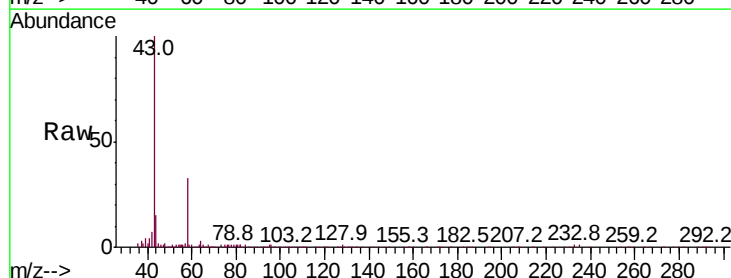
Acq: 22 Dec 2018 00:51

Tgt Ion: 43 Resp: 47970

Ion Ratio Lower Upper

43 100

58 32.7 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

30000

25000

20000

15000

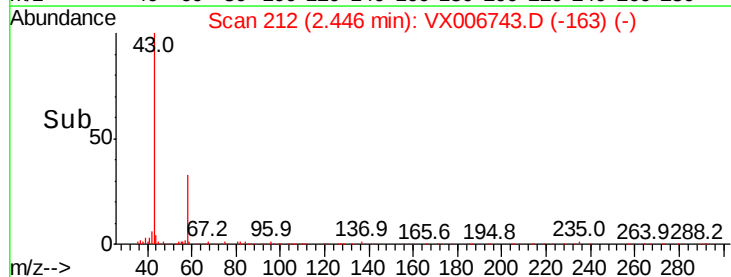
10000

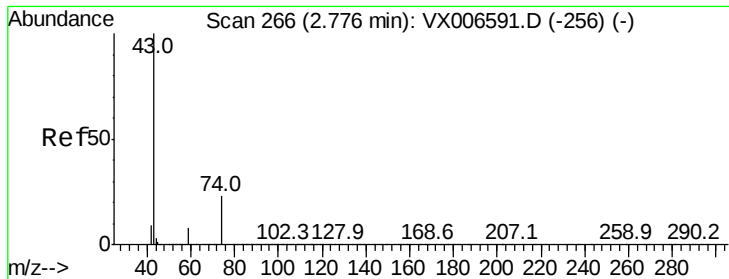
5000

0

Time-->

2.40 2.45 2.50 2.55





#18

Methyl Acetate

Concen: 2.621 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006743.D

Acq: 22 Dec 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

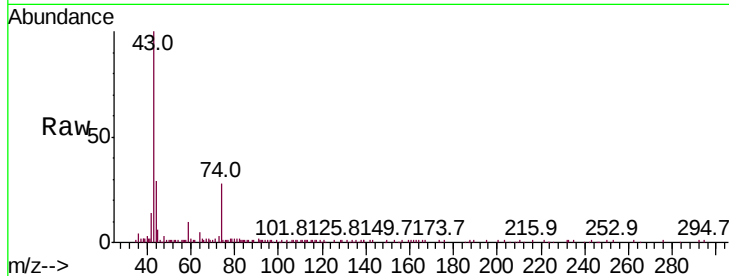
NB-07-122018-B

Tot Ion: 43 Resp: 23961

Ion Ratio Lower Upper

43 100

74 28.1 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

15000

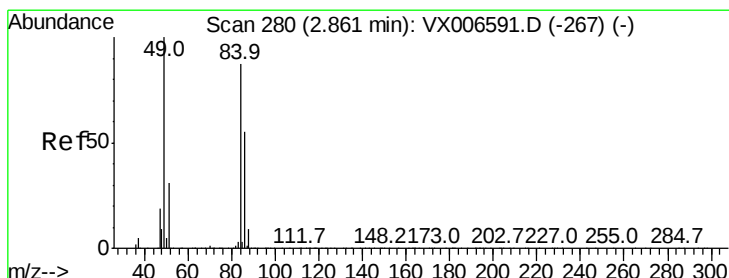
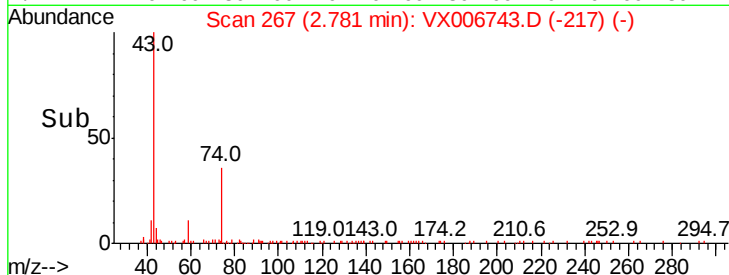
10000

5000

0

2.70 2.75 2.80 2.85

Time-->



#20

Methylene Chloride

Concen: 374.919 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX006743.D

Acq: 22 Dec 2018 00:51

Tgt Ion: 84 Resp: 2410004

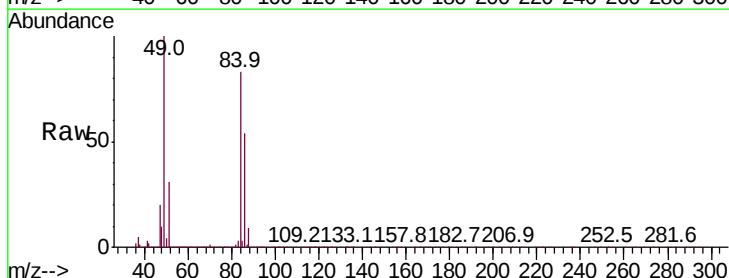
Ion Ratio Lower Upper

84 100

49 119.9 91.8 137.6

51 37.6 28.5 42.7

86 64.4 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2500000

2000000

1500000

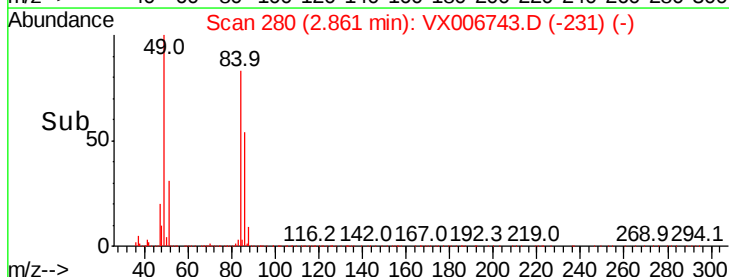
1000000

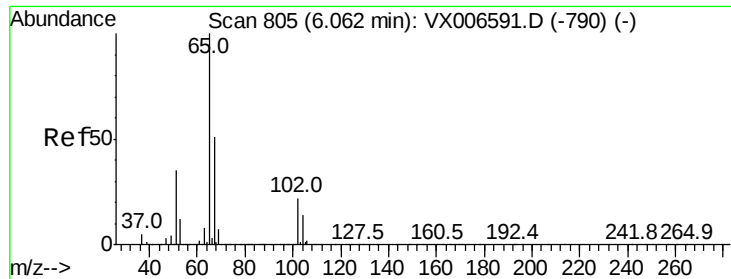
500000

0

2.80 2.90 3.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.064 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006743.D

Acq: 22 Dec 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

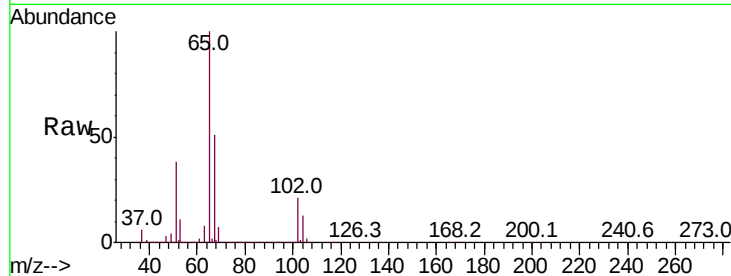
NB-07-122018-B

Tot Ion: 65 Resp: 345511

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

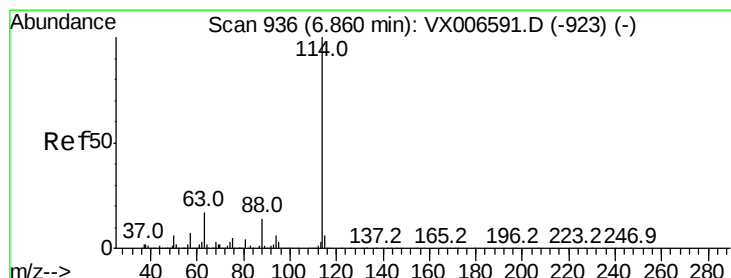
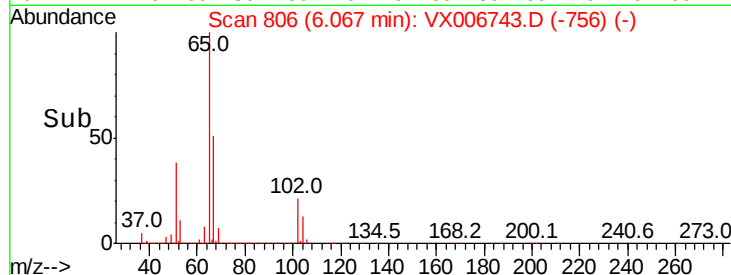
100000

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: VX006743.D

Acq: 22 Dec 2018 00:51

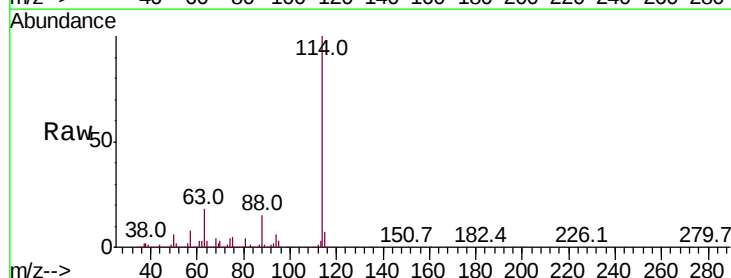
Tgt Ion: 114 Resp: 991500

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

88 15.2 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

500000

400000

300000

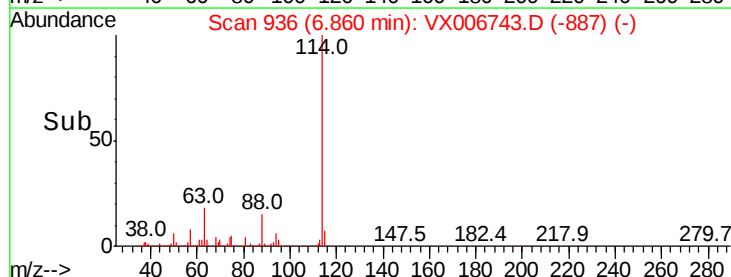
200000

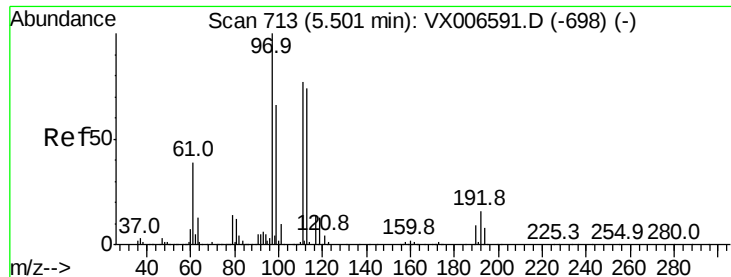
100000

0

Time-->

6.80 7.00





#35

Dibromofluoromethane

Concen: 48.501 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006743.D

Acq: 22 Dec 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

NB-07-122018-B

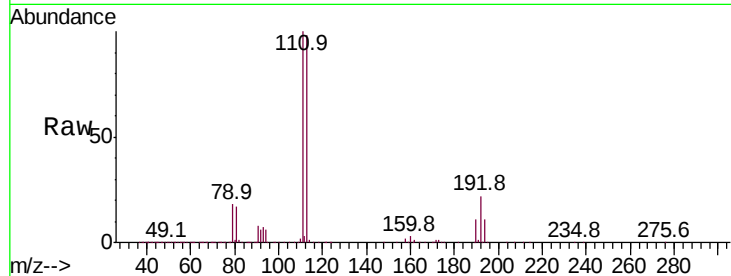
Tot Ion:113 Resp: 304105

Ion Ratio Lower Upper

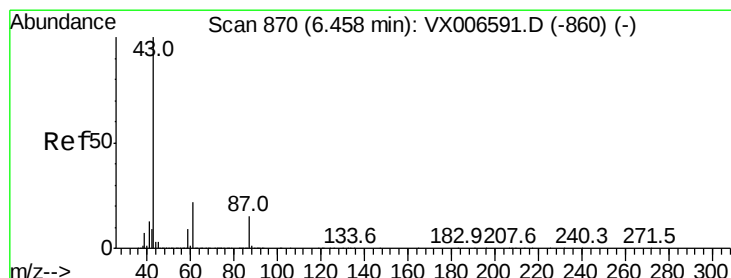
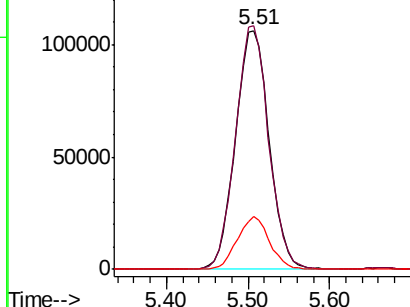
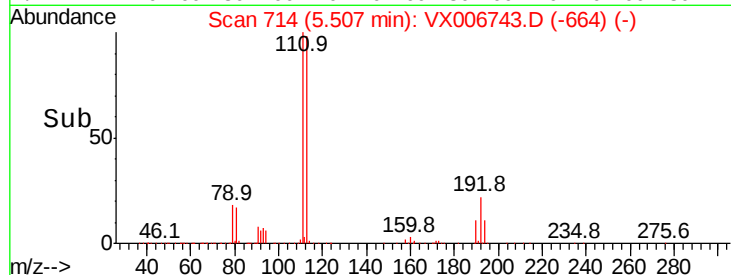
113 100

111 100.3 81.6 122.4

192 21.0 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: 2.255 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006743.D

Acq: 22 Dec 2018 00:51

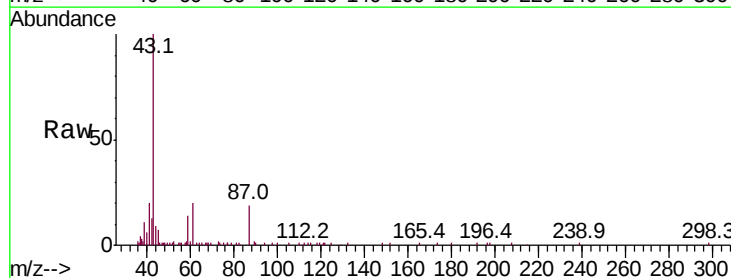
Tgt Ion: 43 Resp: 29332

Ion Ratio Lower Upper

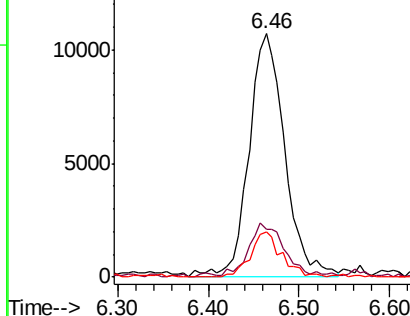
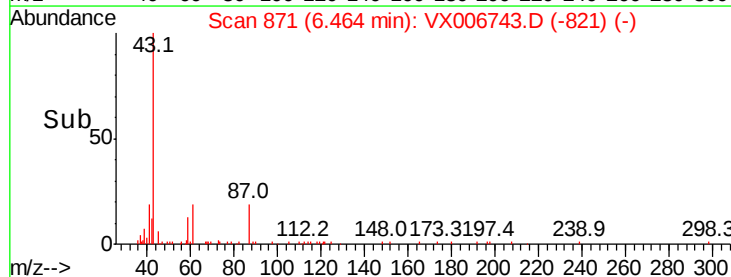
43 100

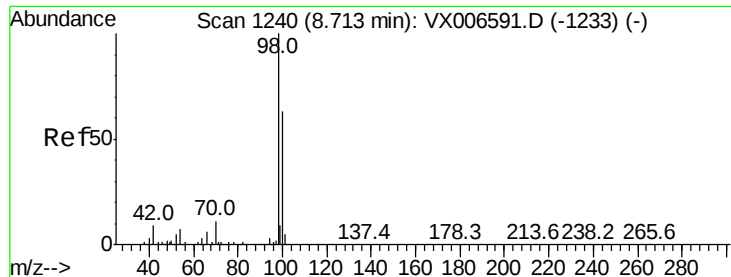
61 21.0 16.8 25.2

87 16.1 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: 49.268 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006743.D

Acq: 22 Dec 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

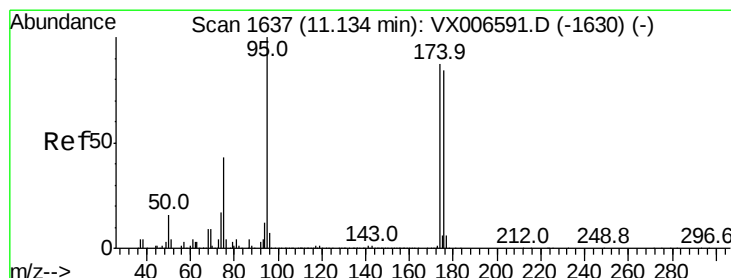
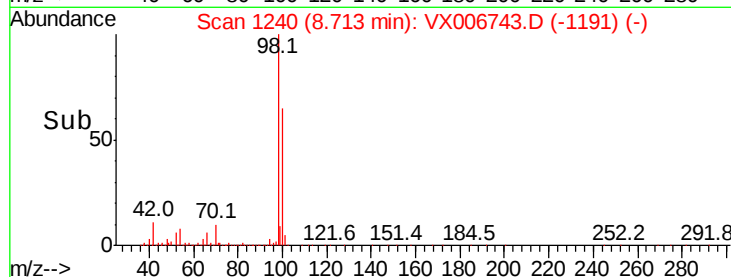
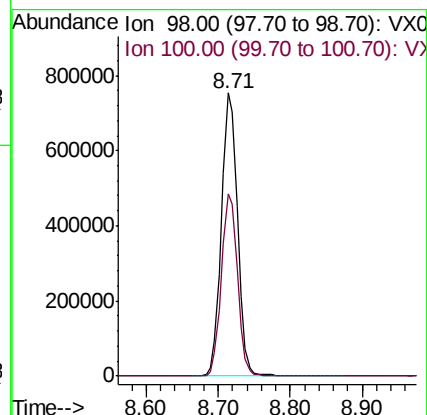
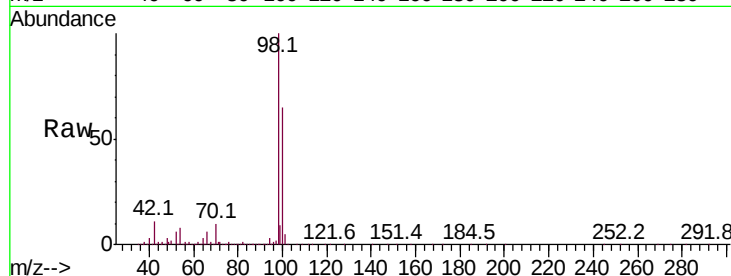
NB-07-122018-B

Tot Ion: 98 Resp: 1164603

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.921 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006743.D

Acq: 22 Dec 2018 00:51

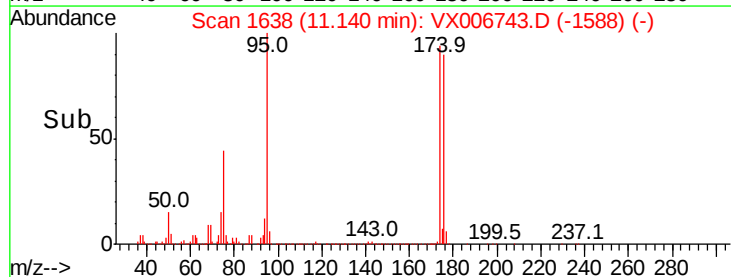
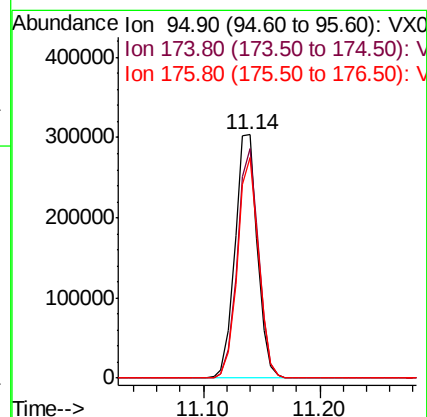
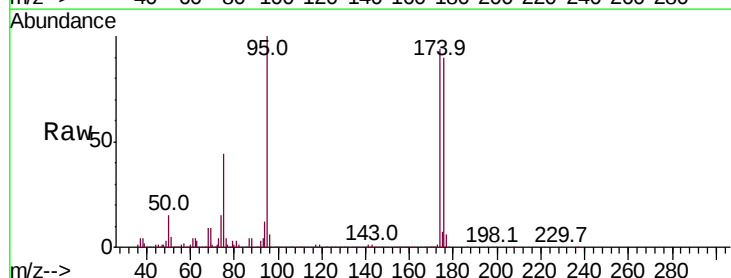
Tgt Ion: 95 Resp: 406211

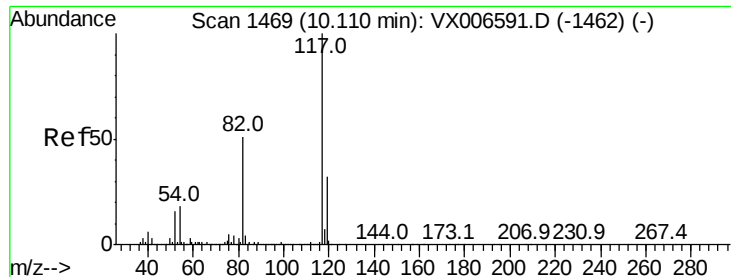
Ion Ratio Lower Upper

95 100

174 90.0 0.0 182.2

176 86.5 0.0 178.8

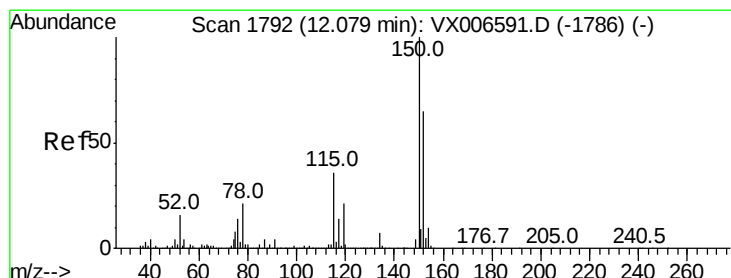
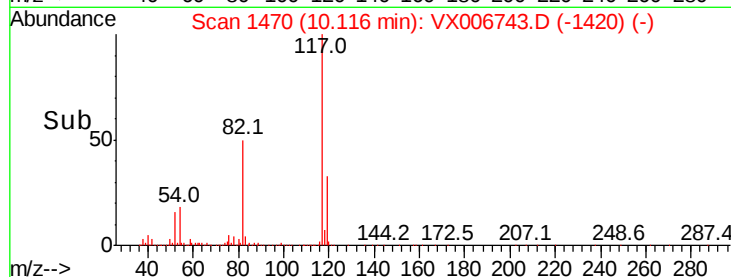
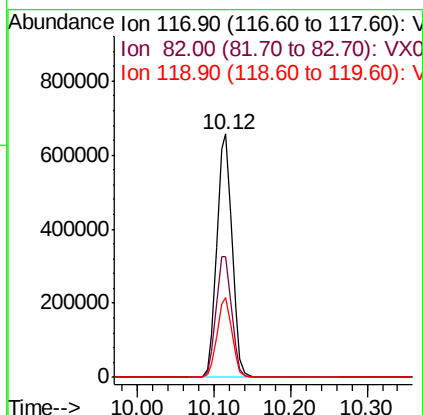
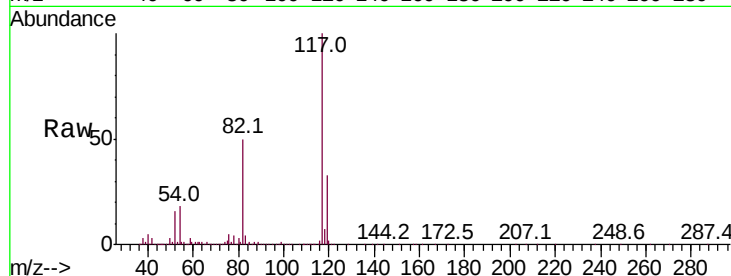




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006743.D
Acq: 22 Dec 2018 00:51

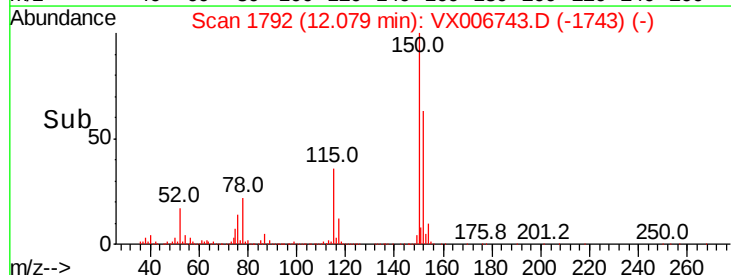
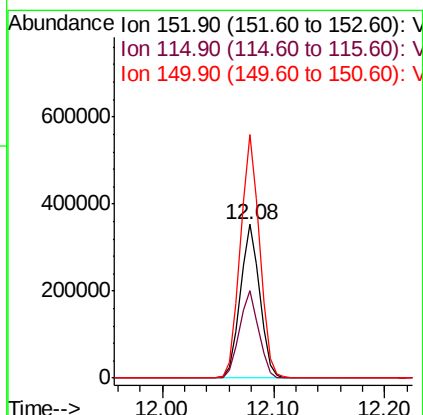
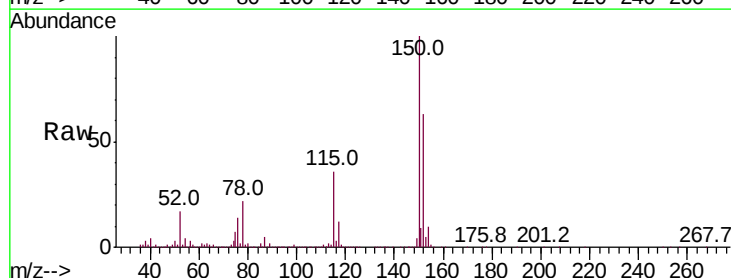
Instrument :
MSVOA_X
ClientSampleId :
NB-07-122018-B

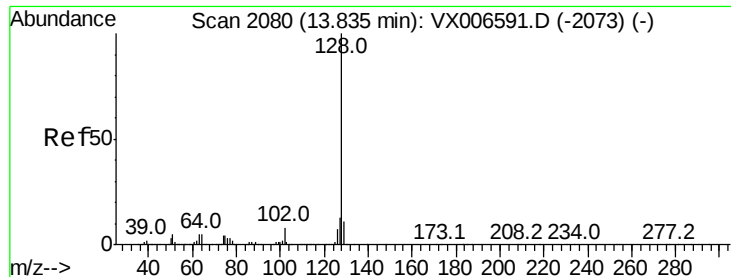
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	41.0	61.6
119	32.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006743.D
Acq: 22 Dec 2018 00:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.1	117.2
150	156.5	0.0	344.8





#95

Naphthalene

Concen: 11.111 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006743.D

Acq: 22 Dec 2018 00:51

Instrument :

MSVOA_X

ClientSampleId :

NB-07-122018-B

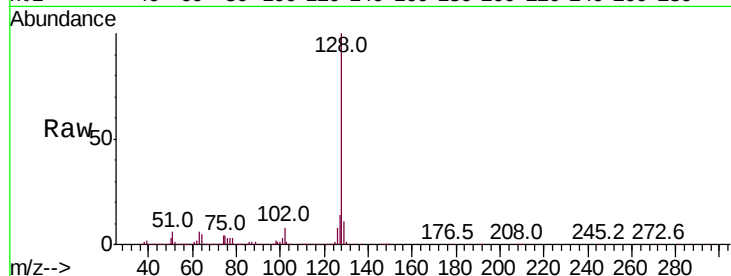
Tot Ion:128 Resp: 347846

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

