

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006742.D
 Acq On : 22 Dec 2018 00:25
 Operator : JC/MD
 Sample : J6191-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Dec 22 05:42:50 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

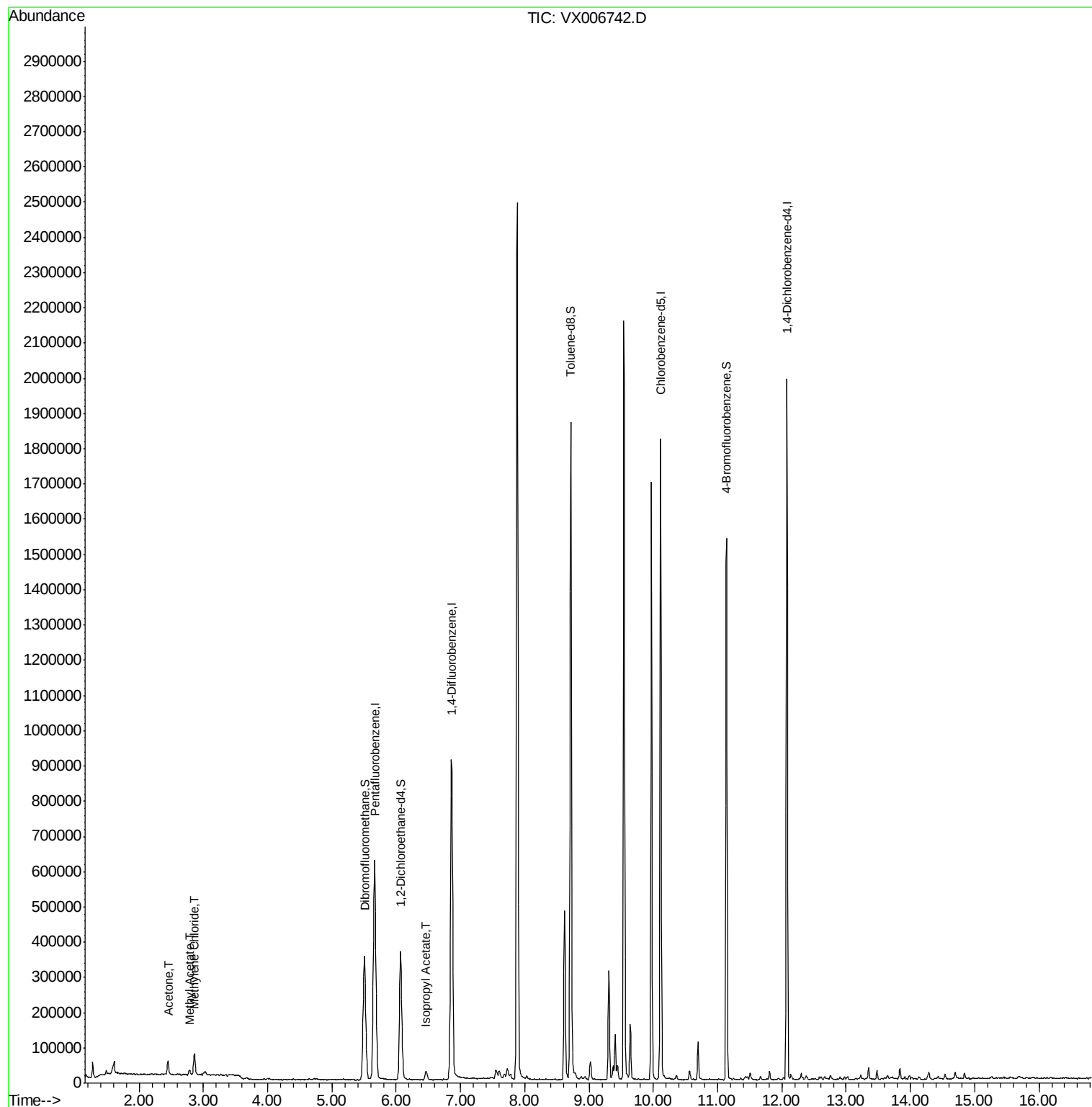
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	633257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	990642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	902951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	427985	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	340455	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
35) Dibromofluoromethane	5.51	113	299076	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	8.71	98	1167939	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.13	95	408871	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
Target Compounds						
16) Acetone	2.45	43	45472	14.502	ug/l	99
18) Methyl Acetate	2.79	43	18176	1.971	ug/l	98
20) Methylene Chloride	2.86	84	27995	4.318	ug/l	95
43) Isopropyl Acetate	6.46	43	30962	2.383	ug/l	97

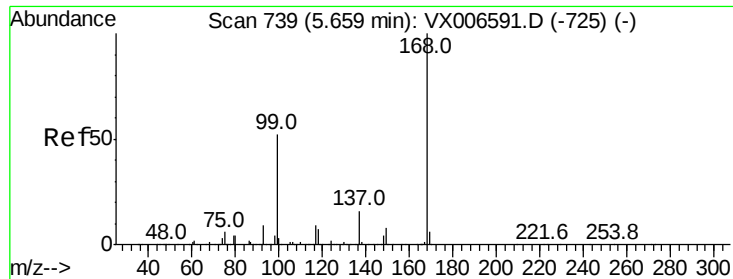
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006742.D

Acq: 22 Dec 2018 00:25

Instrument :

MSVOA_X

ClientSampleId :

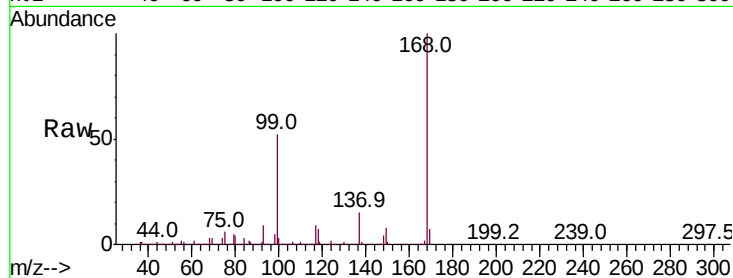
NB-07-122018-A

Tot Ion:168 Resp: 633257

Ion Ratio Lower Upper

168 100

99 51.9 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

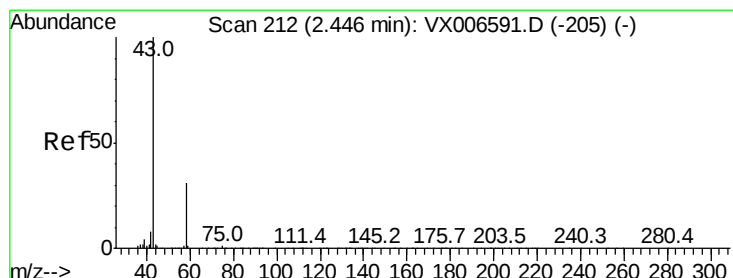
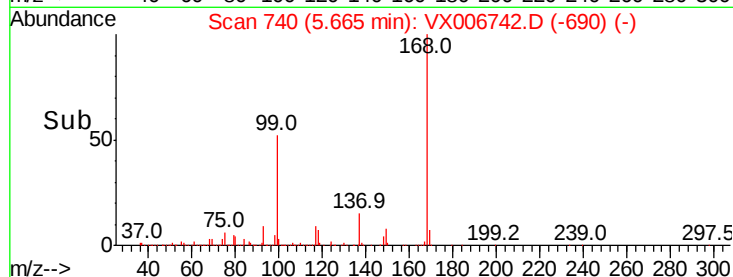
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.502 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006742.D

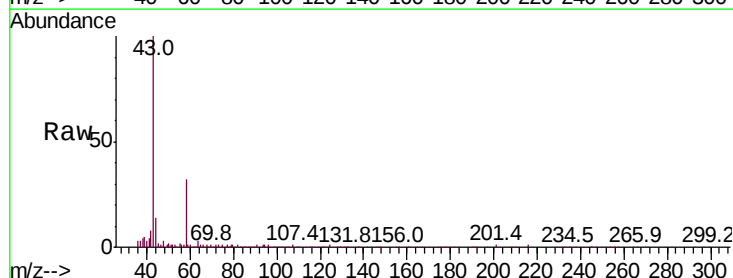
Acq: 22 Dec 2018 00:25

Tgt Ion: 43 Resp: 45472

Ion Ratio Lower Upper

43 100

58 32.1 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

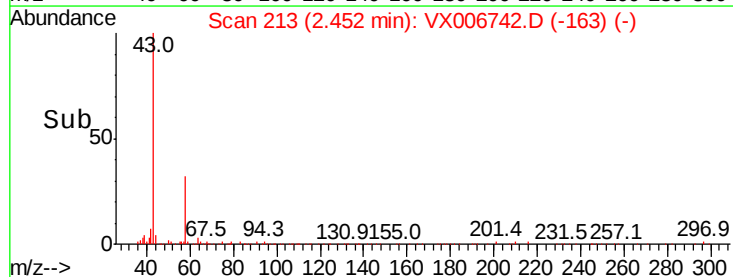
15000

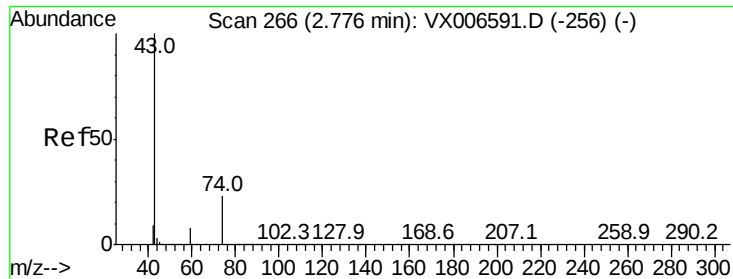
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

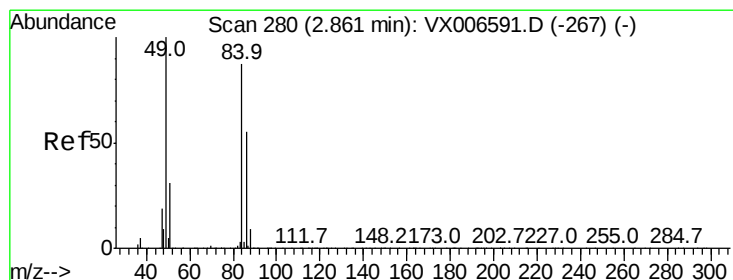
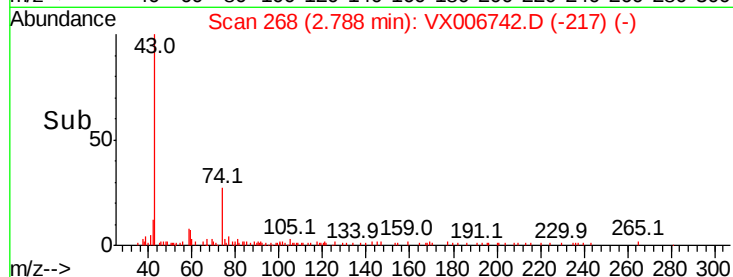
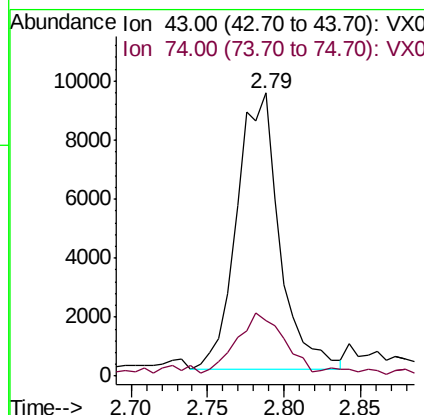
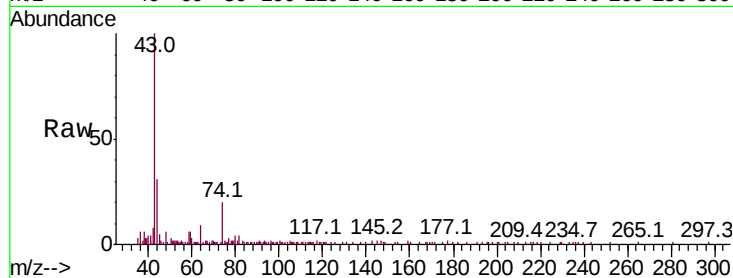




#18
Methvl Acetate
Concen: 1.971 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX006742.D
Acq: 22 Dec 2018 00:25

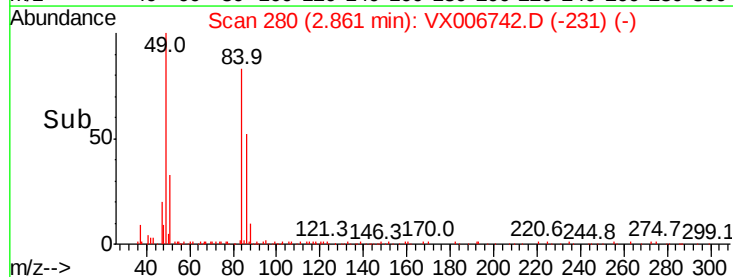
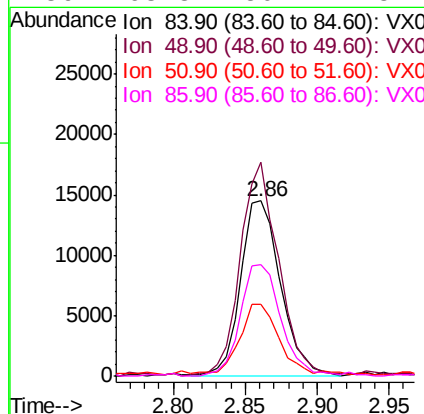
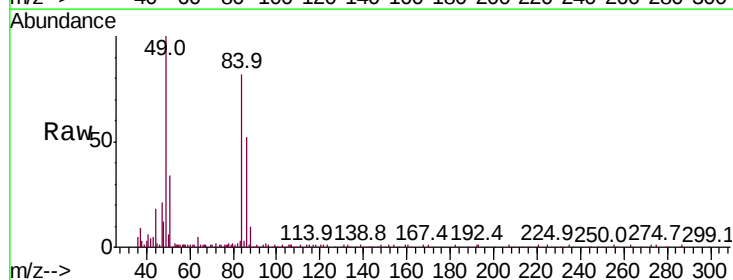
Instrument :
MSVOA_X
ClientSampleId :
NB-07-122018-A

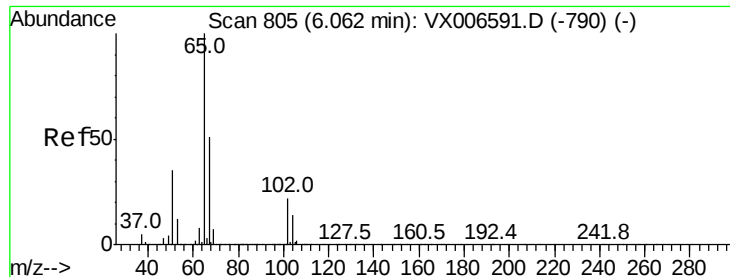
Tot Ion: 43 Resp: 18176
Ion Ratio Lower Upper
43 100
74 24.1 18.6 28.0



#20
Methylene Chloride
Concen: 4.318 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006742.D
Acq: 22 Dec 2018 00:25

Tgt Ion: 84 Resp: 27995
Ion Ratio Lower Upper
84 100
49 121.4 91.8 137.6
51 39.4 28.5 42.7
86 63.8 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 49.884 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006742.D

Acq: 22 Dec 2018 00:25

Instrument :

MSVOA_X

ClientSampleId :

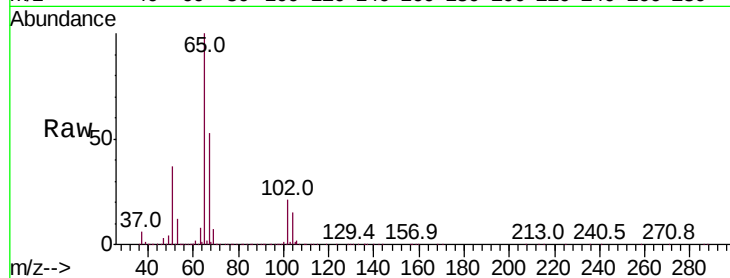
NB-07-122018-A

Tot Ion: 65 Resp: 340455

Ion Ratio Lower Upper

65 100

67 53.3 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

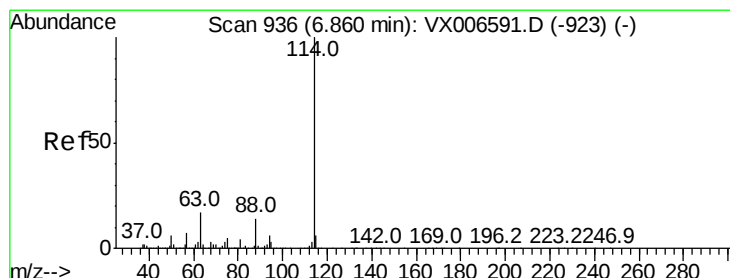
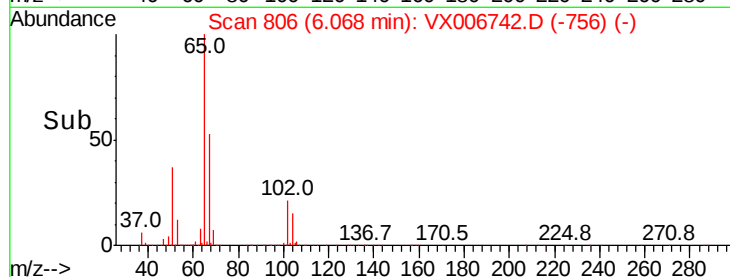
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006742.D

Acq: 22 Dec 2018 00:25

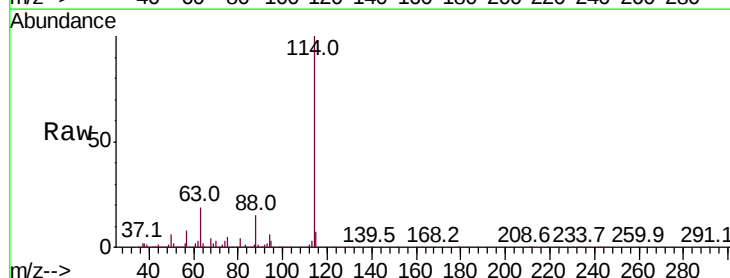
Tgt Ion: 114 Resp: 990642

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

88 14.8 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

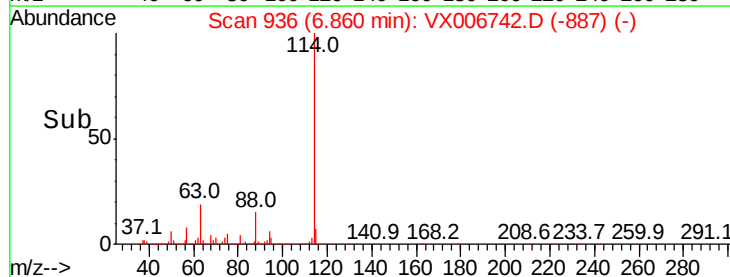
300000

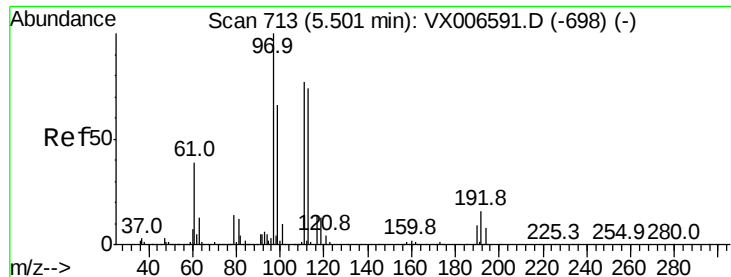
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.740 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006742.D

Acq: 22 Dec 2018 00:25

Instrument :

MSVOA_X

ClientSampleId :

NB-07-122018-A

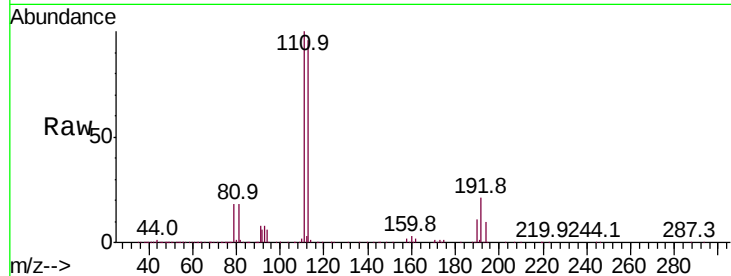
Tot Ion:113 Resp: 299076

Ion Ratio Lower Upper

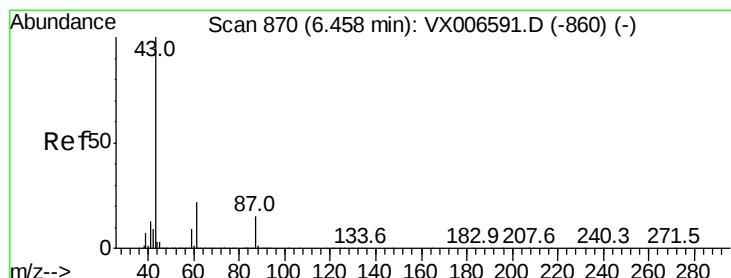
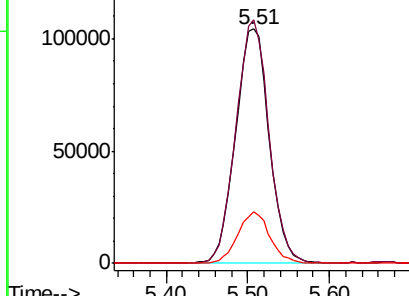
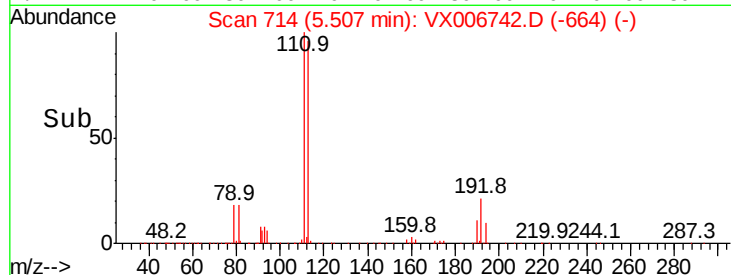
113 100

111 101.8 81.6 122.4

192 20.9 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: 2.383 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006742.D

Acq: 22 Dec 2018 00:25

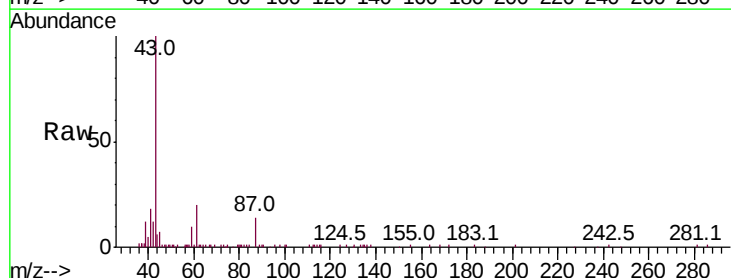
Tgt Ion: 43 Resp: 30962

Ion Ratio Lower Upper

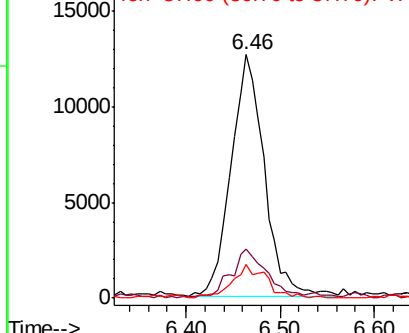
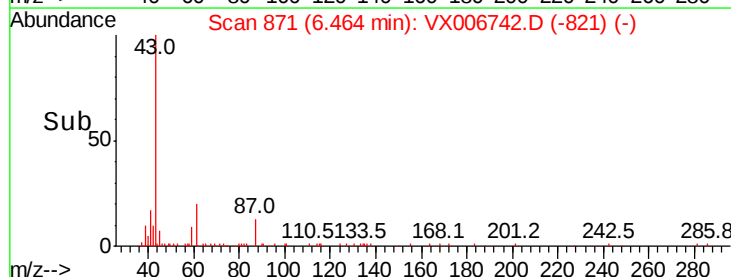
43 100

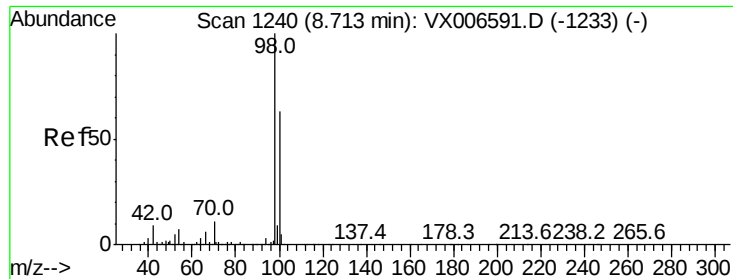
61 22.5 16.8 25.2

87 14.2 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

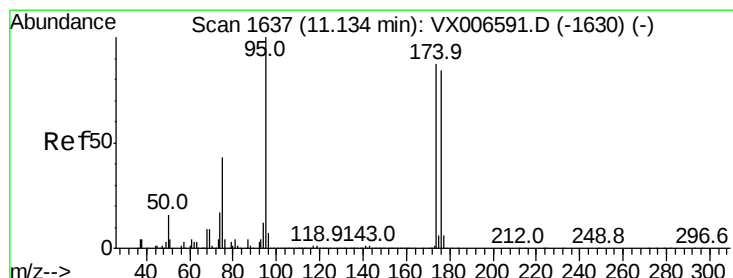
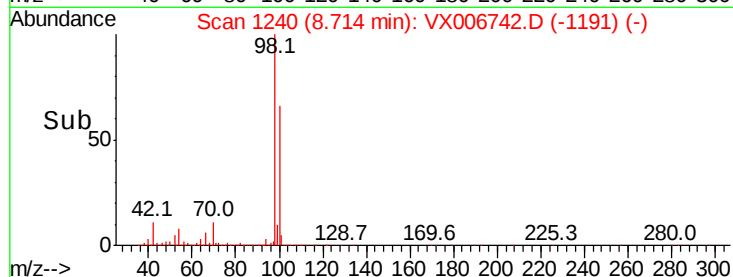
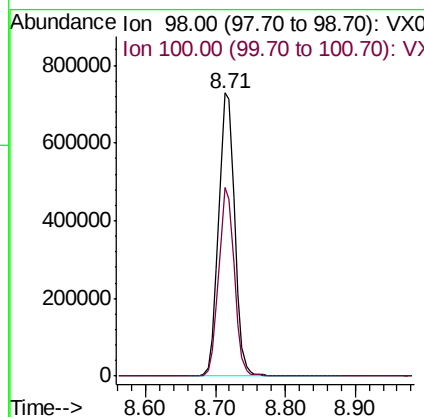
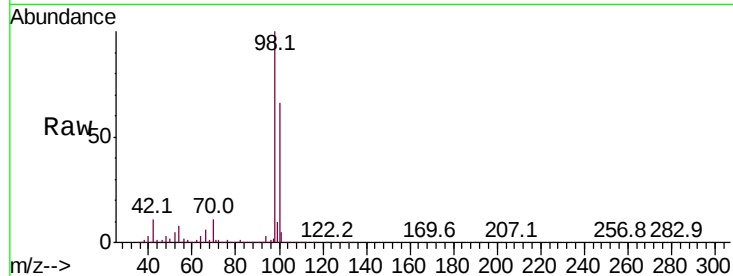




#50
Toluene-d8
Concen: 49.451 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006742.D
Acq: 22 Dec 2018 00:25

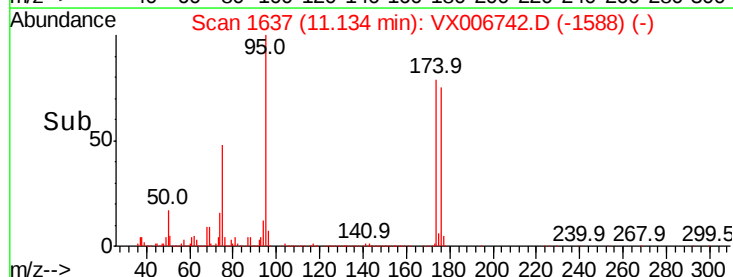
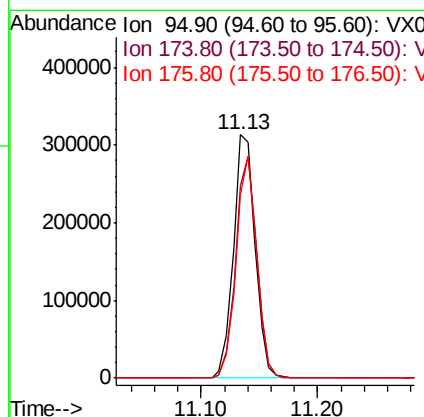
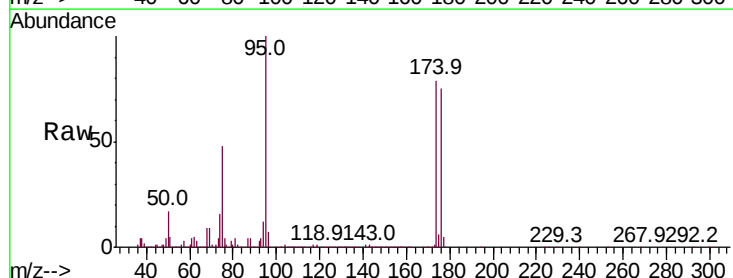
Instrument :
MSVOA_X
ClientSampleId :
NB-07-122018-A

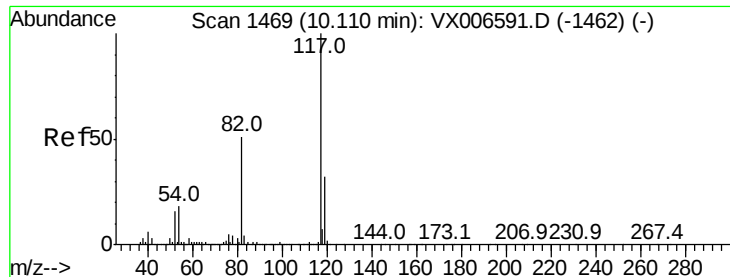
Tot Ion: 98 Resp: 1167939
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.269 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006742.D
Acq: 22 Dec 2018 00:25

Tgt Ion: 95 Resp: 408871
Ion Ratio Lower Upper
95 100
174 88.7 0.0 182.2
176 86.4 0.0 178.8

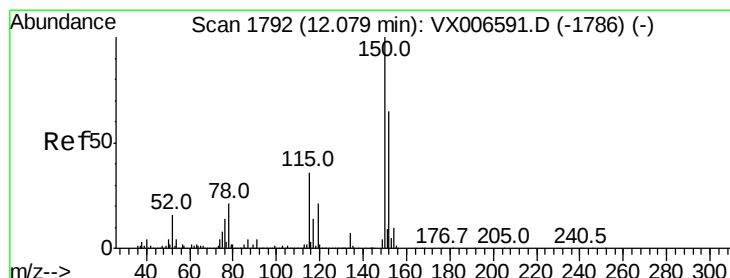
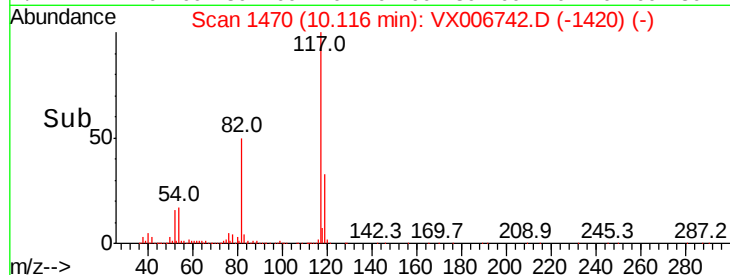
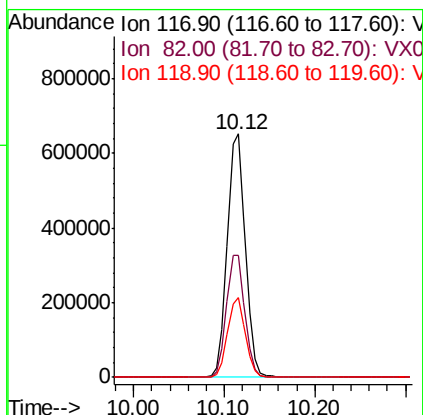
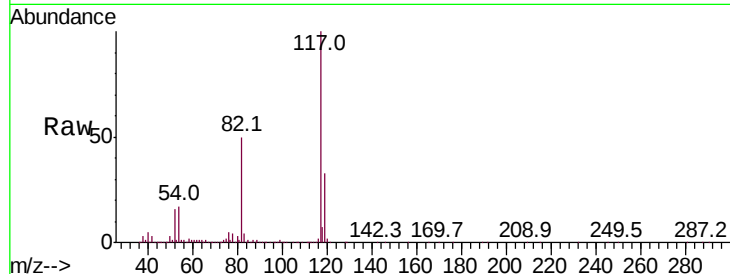




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006742.D
Acq: 22 Dec 2018 00:25

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.0	61.6
119	32.5	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: VX006742.D
Acq: 22 Dec 2018 00:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.1	117.2
150	155.4	0.0	344.8

