

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006801.D
 Acq On : 24 Dec 2018 17:57
 Operator : JC/MD
 Sample : J6548-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 G-C

Quant Time: Dec 25 04:06:23 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

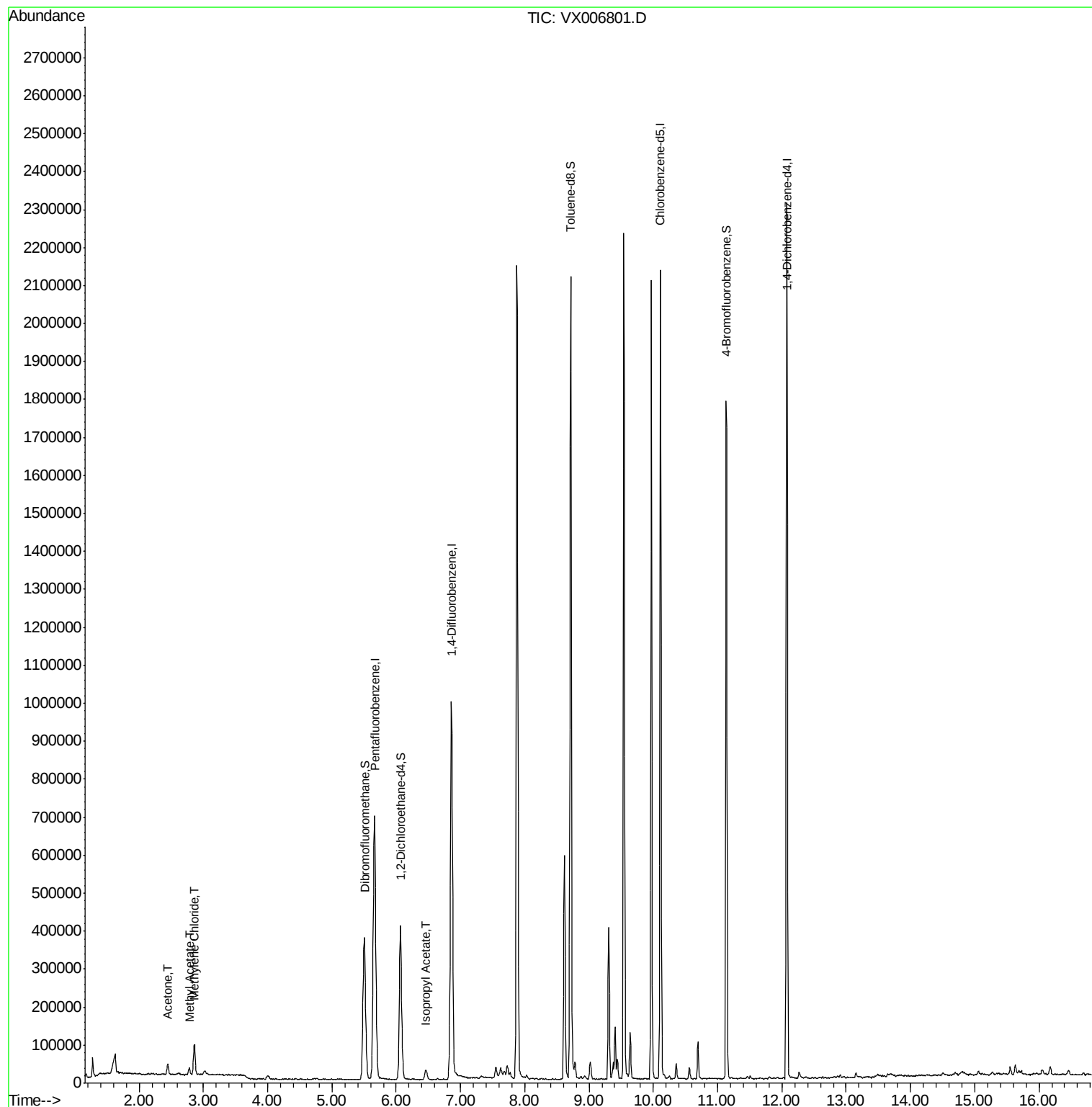
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	735461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1077094	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1009582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	499358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	364863	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
35) Dibromofluoromethane	5.51	113	318744	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	8.71	98	1283727	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	463002	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
Target Compounds						
16) Acetone	2.45	43	29715	8.160	ug/l	98
18) Methyl Acetate	2.78	43	23959	2.237	ug/l	100
20) Methylene Chloride	2.86	84	37530	4.984	ug/l	92
43) Isopropyl Acetate	6.46	43	35844	2.537	ug/l	97

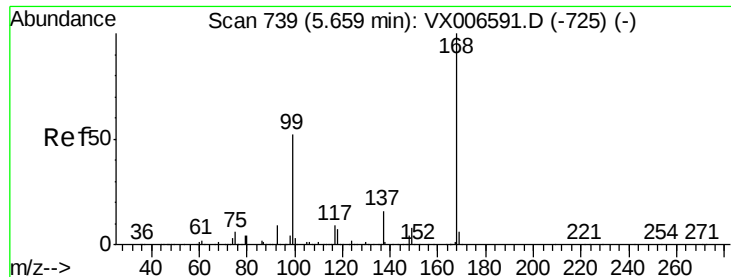
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006801.D

Acq: 24 Dec 2018 17:57

Instrument :

MSVOA_X

ClientSampled :

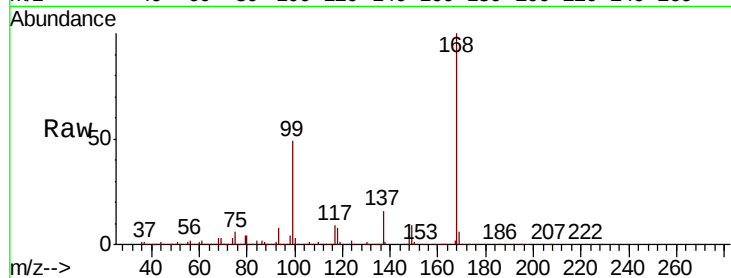
G-C

Tot Ion:168 Resp: 735461

Ion Ratio Lower Upper

168 100

99 49.0 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

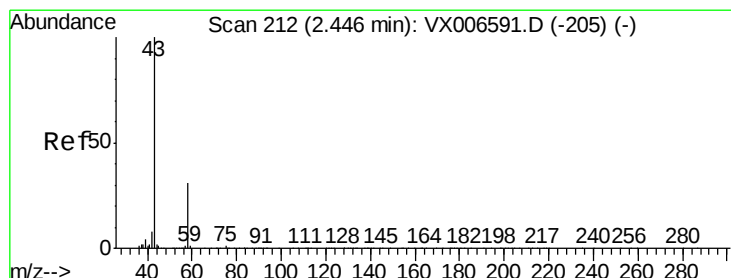
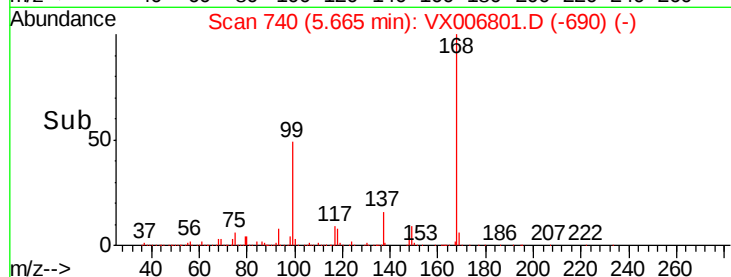
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.160 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006801.D

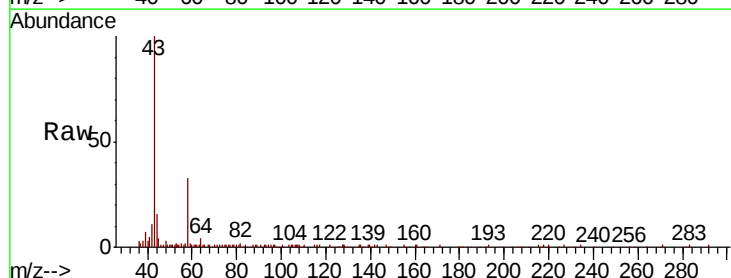
Acq: 24 Dec 2018 17:57

Tgt Ion: 43 Resp: 29715

Ion Ratio Lower Upper

43 100

58 32.5 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

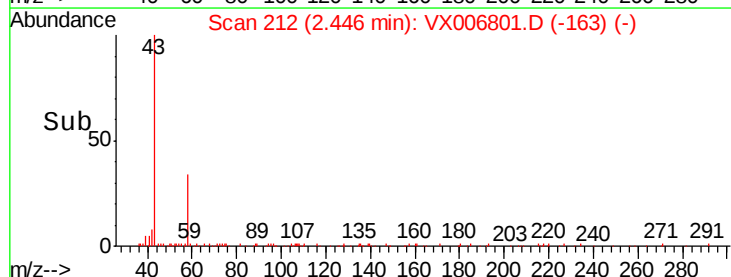
15000

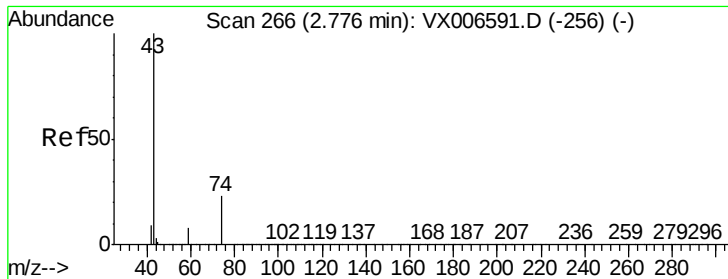
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

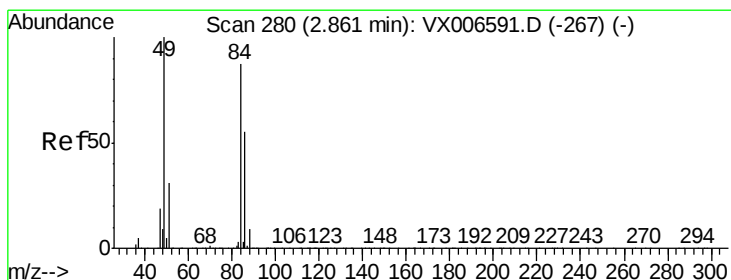
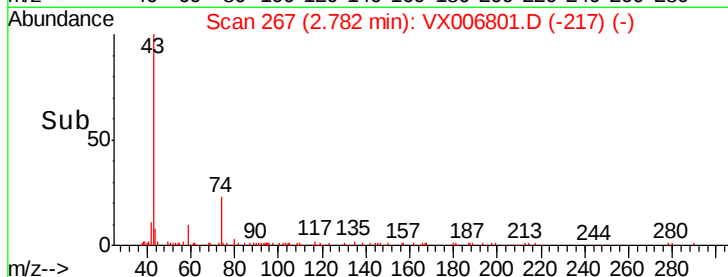
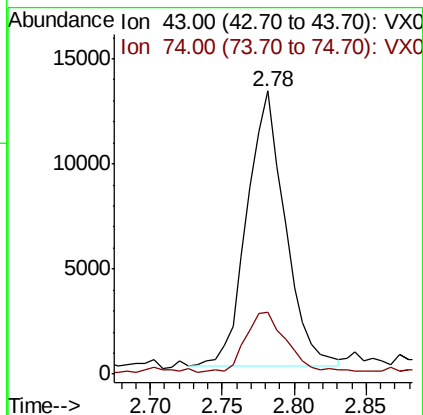
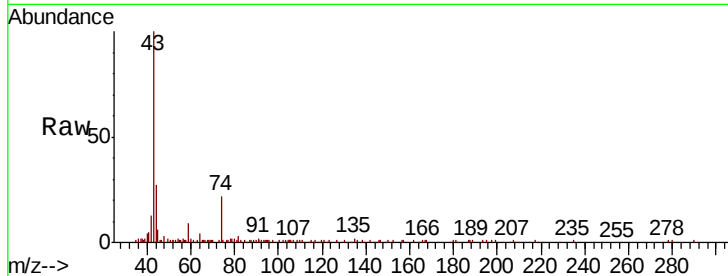




#18
Methvl Acetate
Concen: 2.237 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006801.D
Acq: 24 Dec 2018 17:57

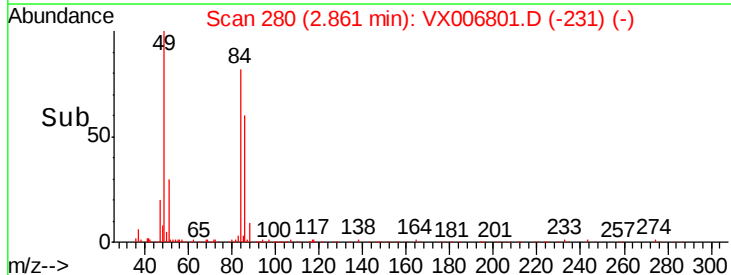
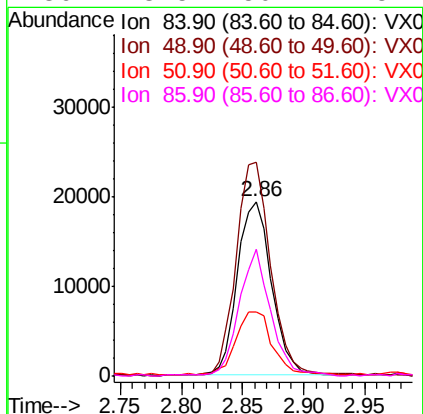
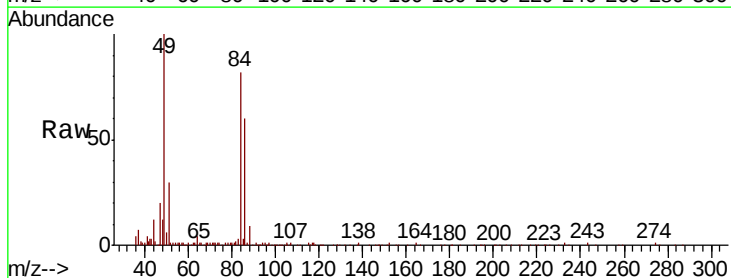
Instrument :
MSVOA_X
ClientSampleId :
G-C

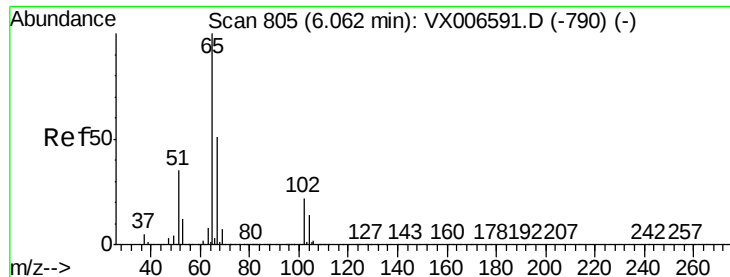
Tot Ion: 43 Resp: 23959
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0



#20
Methylene Chloride
Concen: 4.984 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006801.D
Acq: 24 Dec 2018 17:57

Tgt Ion: 84 Resp: 37530
Ion Ratio Lower Upper
84 100
49 122.2 91.8 137.6
51 35.9 28.5 42.7
86 73.5 50.2 75.2

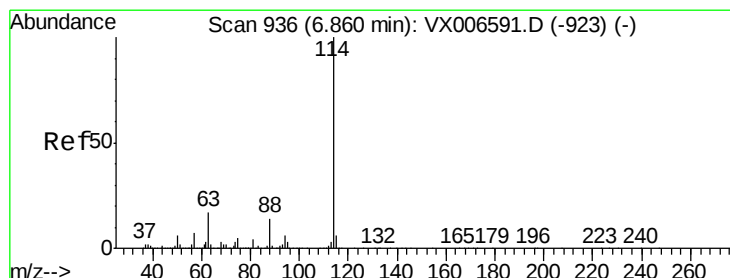
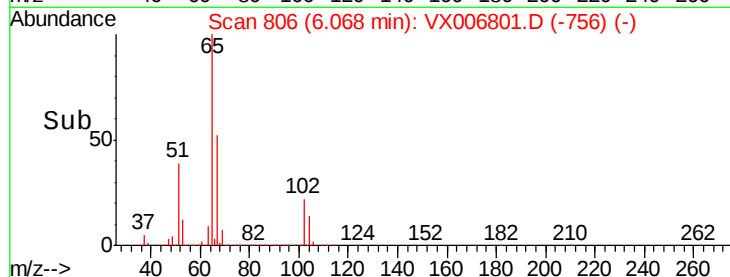
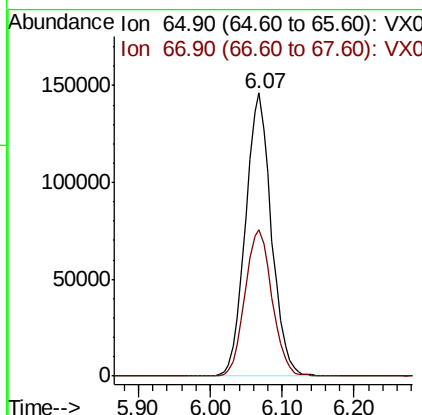
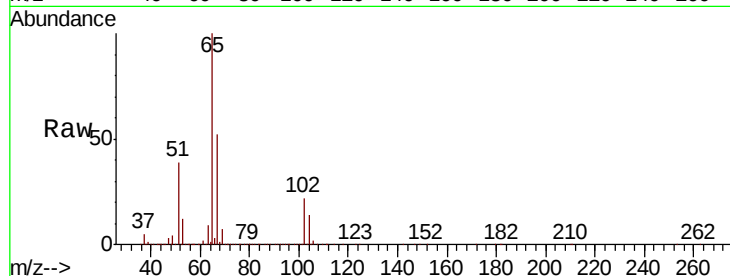




#33
 1,2-Dichloroethane-d4
 Concen: 46.031 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006801.D
 Acq: 24 Dec 2018 17:57

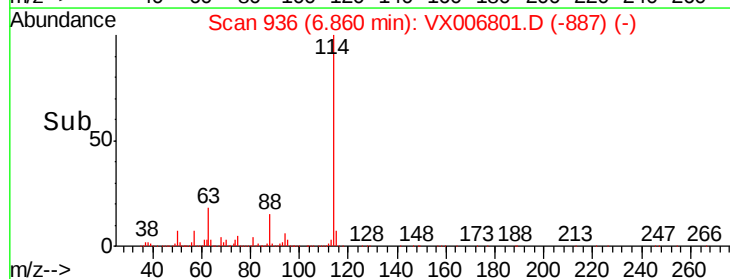
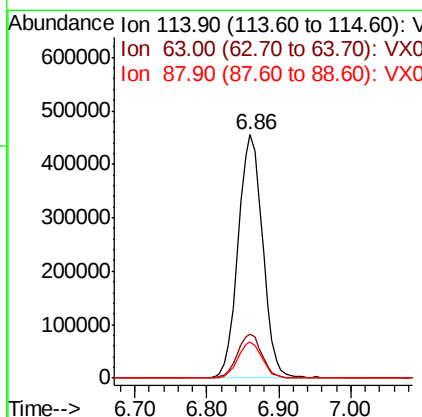
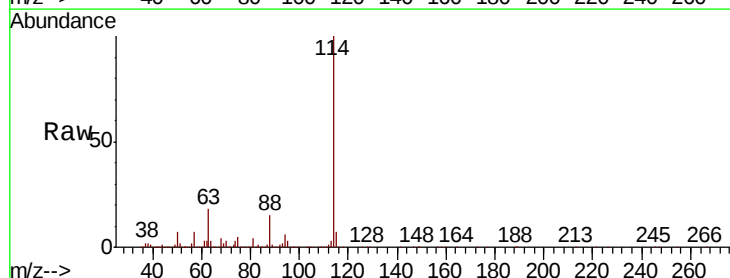
Instrument :
 MSVOA_X
 ClientSampleId :
 G-C

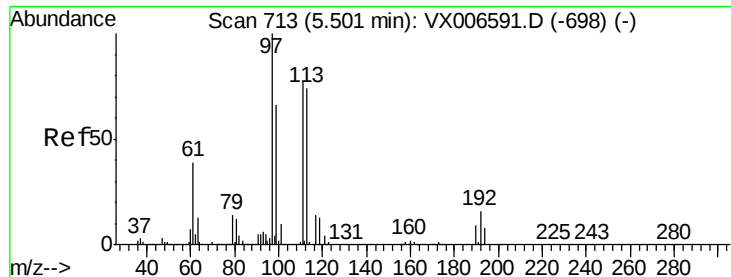
Tot Ion: 65 Resp: 364863
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006801.D
 Acq: 24 Dec 2018 17:57

Tgt Ion: 114 Resp: 1077094
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.8
 88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.796 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006801.D

Acq: 24 Dec 2018 17:57

Instrument :

MSVOA_X

ClientSampled :

G-C

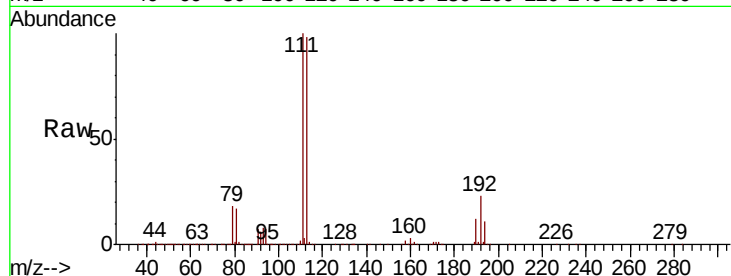
Tot Ion:113 Resp: 318744

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

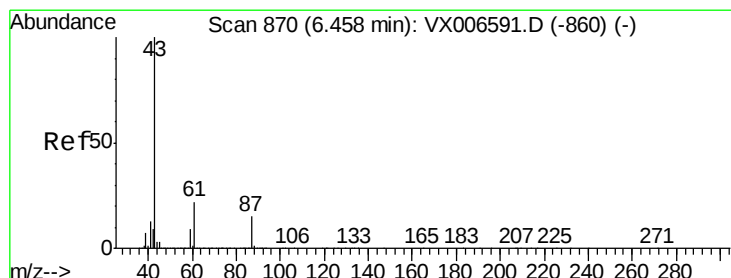
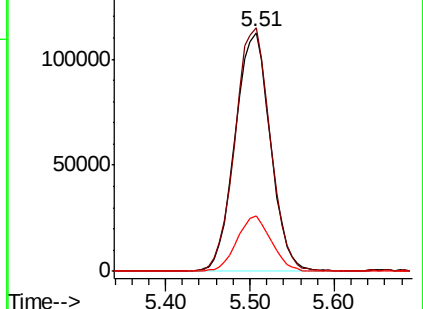
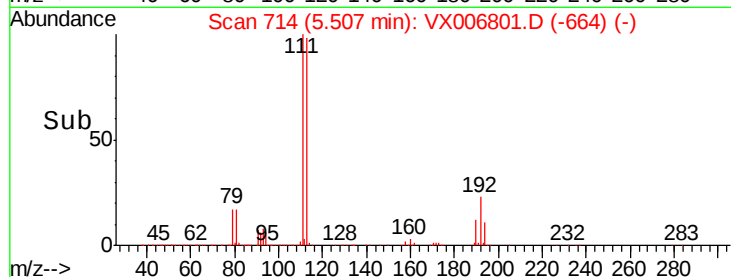
192 22.7 16.7 25.1



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: 2.537 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006801.D

Acq: 24 Dec 2018 17:57

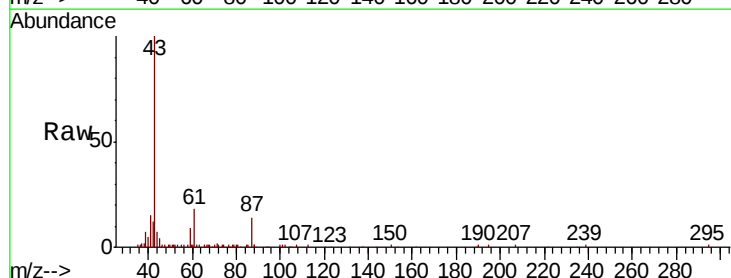
Tgt Ion: 43 Resp: 35844

Ion Ratio Lower Upper

43 100

61 19.0 16.8 25.2

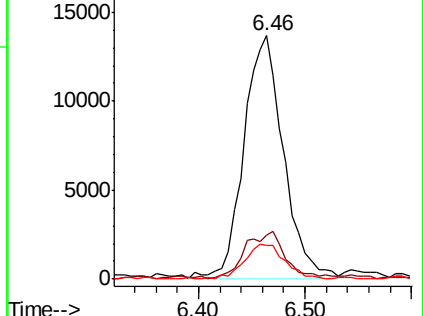
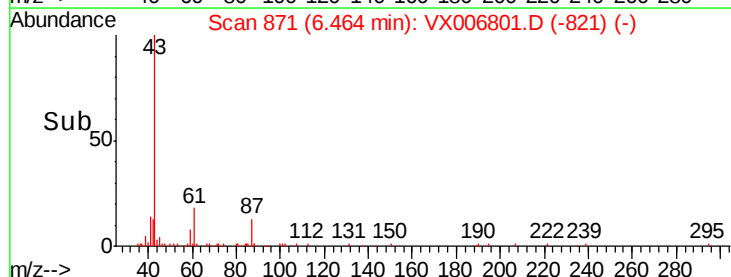
87 14.6 12.4 18.6

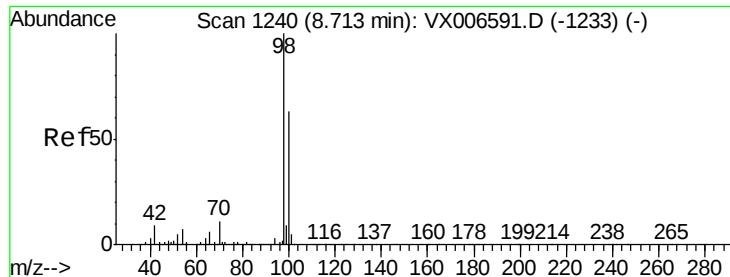


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.991 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006801.D

Acq: 24 Dec 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

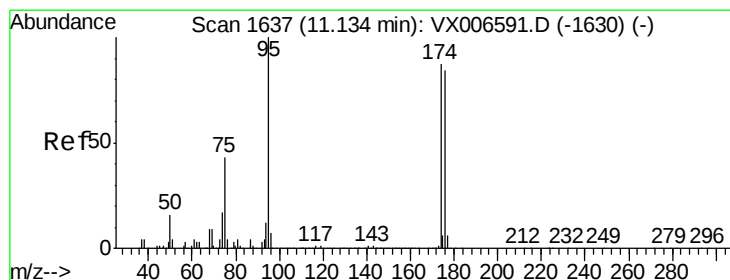
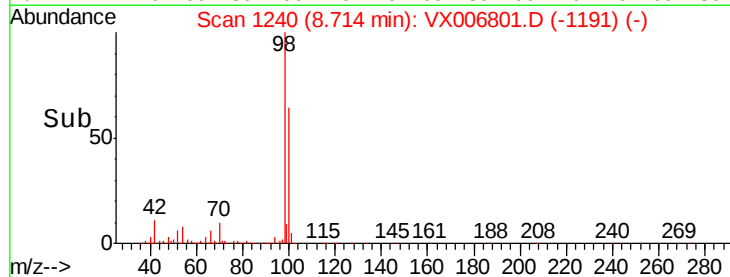
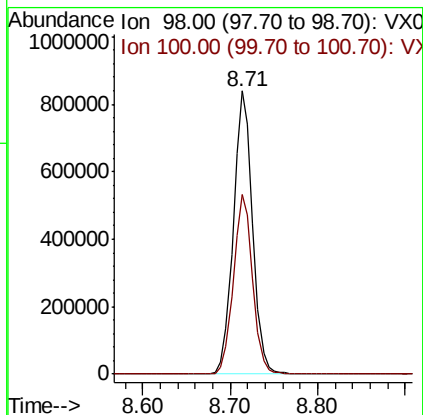
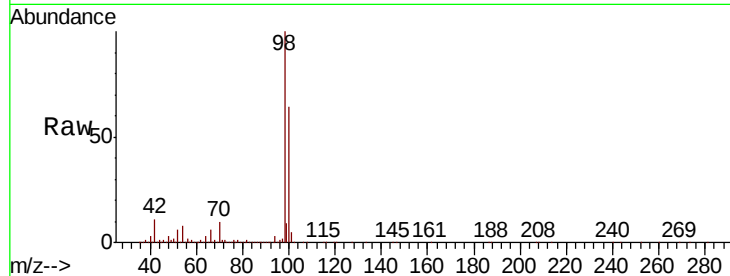
G-C

Tot Ion: 98 Resp: 1283727

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.231 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006801.D

Acq: 24 Dec 2018 17:57

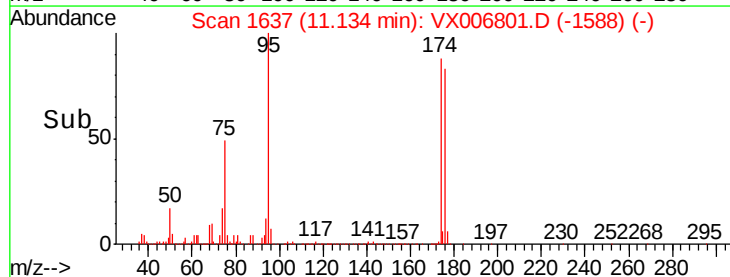
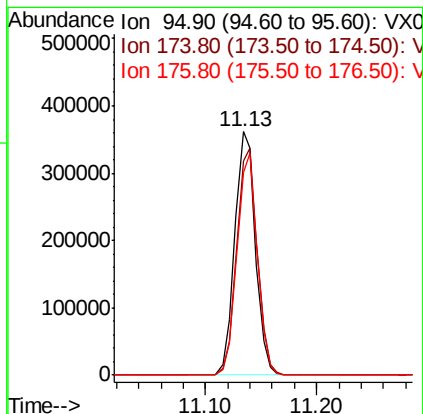
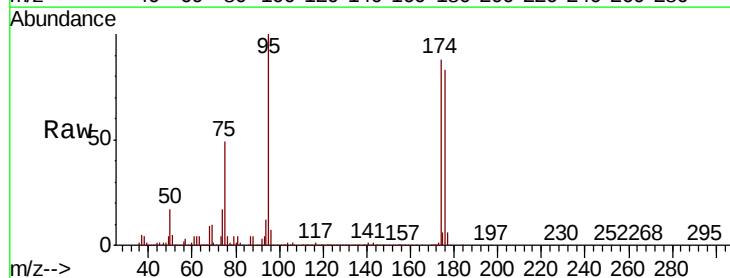
Tgt Ion: 95 Resp: 463002

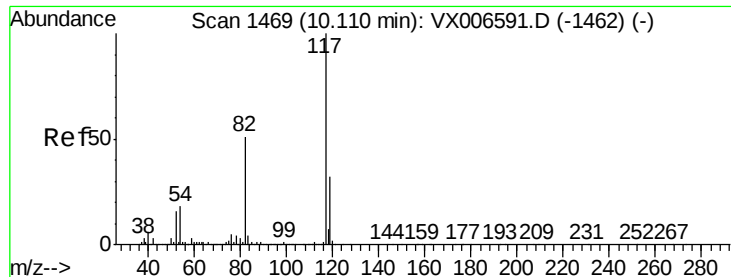
Ion Ratio Lower Upper

95 100

174 93.3 0.0 182.2

176 90.1 0.0 178.8

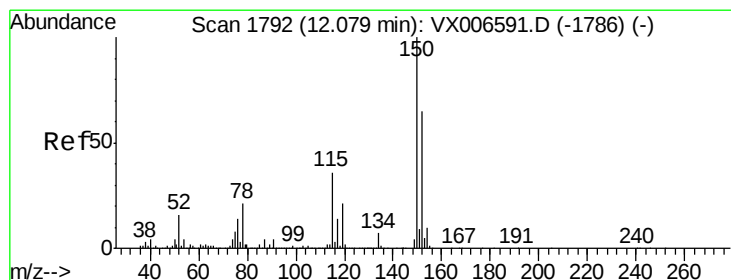
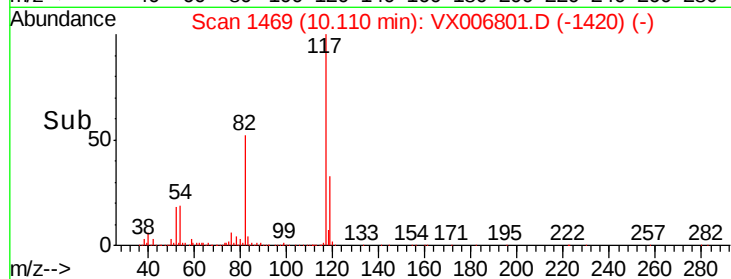
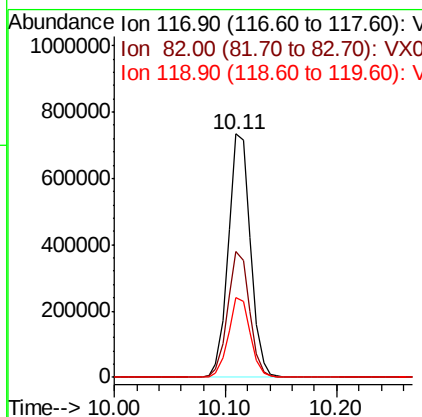
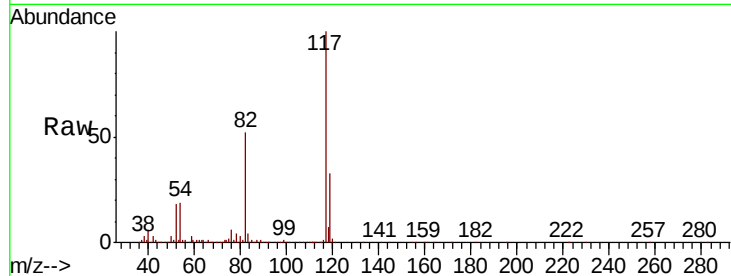




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006801.D
Acq: 24 Dec 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
G-C

Tot Ion:117 Resp: 1009582
Ion Ratio Lower Upper
117 100
82 51.9 41.0 61.6
119 32.8 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: VX006801.D
Acq: 24 Dec 2018 17:57

Tgt Ion:152 Resp: 499358
Ion Ratio Lower Upper
152 100
115 54.4 39.1 117.2
150 157.4 0.0 344.8

