

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006746.D
 Acq On : 22 Dec 2018 02:11
 Operator : JC/MD
 Sample : J6499-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11989

Quant Time: Dec 22 05:51:09 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

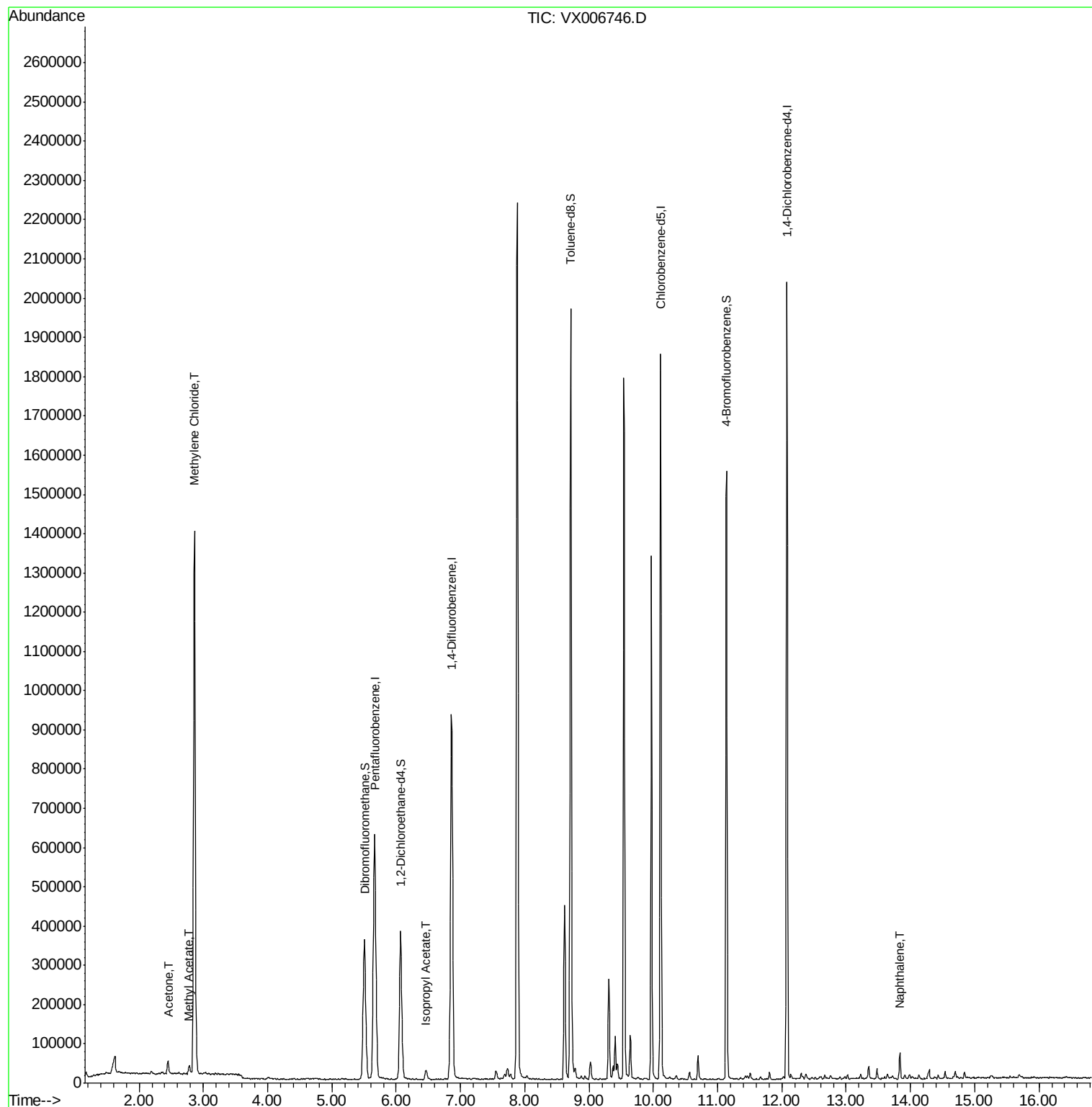
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	638626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1009090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	915393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	426630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	346371	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	5.51	113	303201	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
50) Toluene-d8	8.71	98	1191779	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.14	95	413390	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
Target Compounds						
16) Acetone	2.45	43	36540	11.555	ug/l	99
18) Methyl Acetate	2.78	43	27611	2.969	ug/l	94
20) Methylene Chloride	2.86	84	643064	98.345	ug/l	96
43) Isopropyl Acetate	6.46	43	30088	2.273	ug/l	98
95) Naphthalene	13.83	128	41849	1.336	ug/l	98

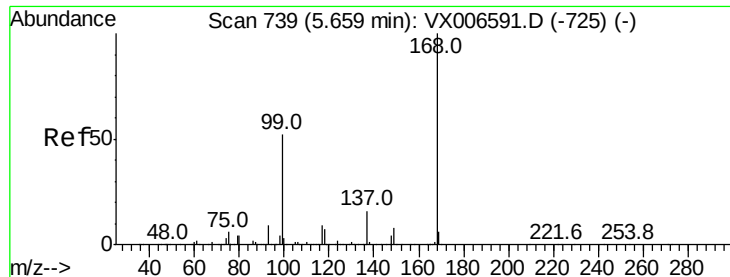
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122118\
Data File : VX006746.D
Acq On : 22 Dec 2018 02:11
Operator : JC/MD
Sample : J6499-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
72-11989

Quant Time: Dec 22 05:51:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
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: VX006746.D

Acq: 22 Dec 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

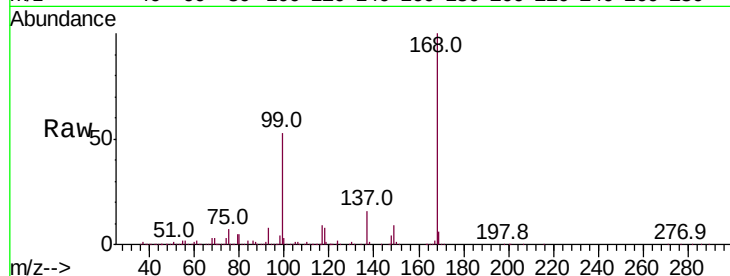
72-11989

Tot Ion:168 Resp: 638626

Ion Ratio Lower Upper

168 100

99 53.0 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

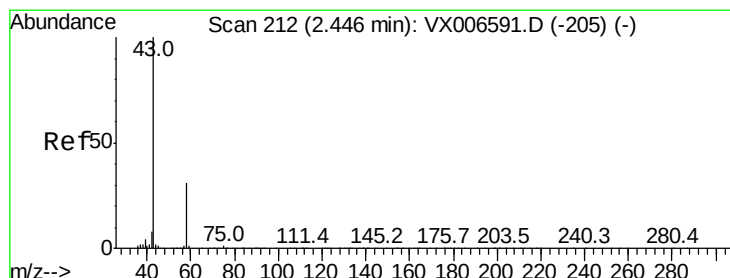
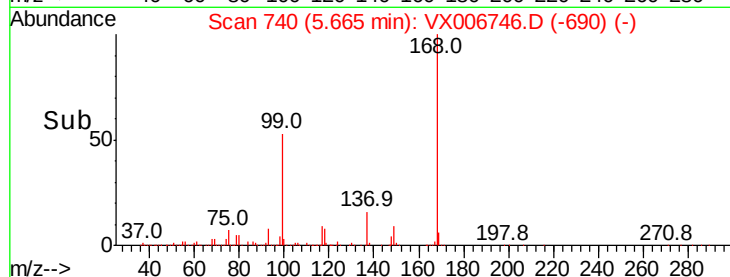
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.555 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006746.D

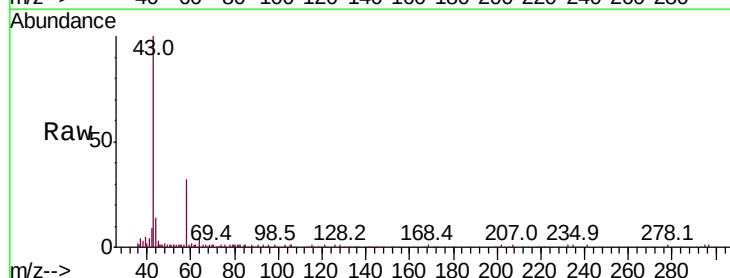
Acq: 22 Dec 2018 02:11

Tgt Ion: 43 Resp: 36540

Ion Ratio Lower Upper

43 100

58 31.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

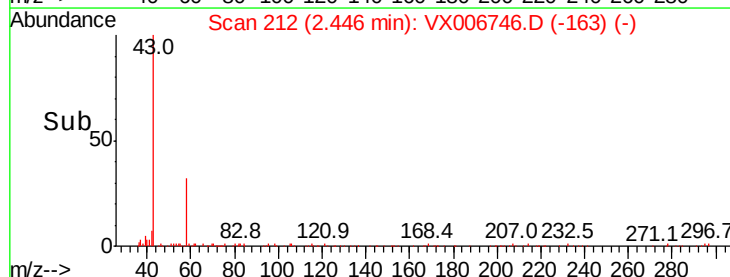
15000

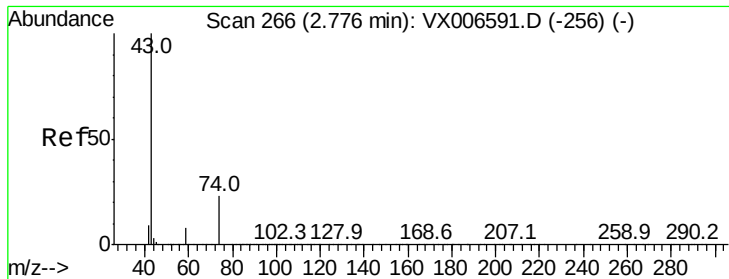
10000

5000

0

Time-->

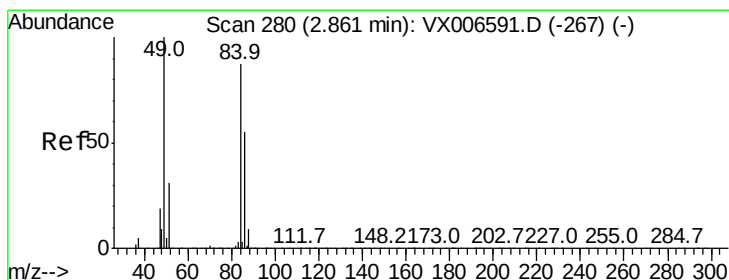
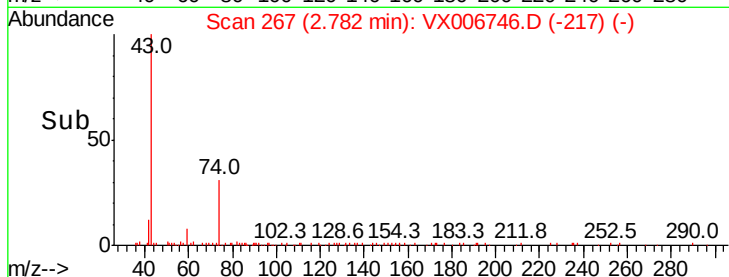
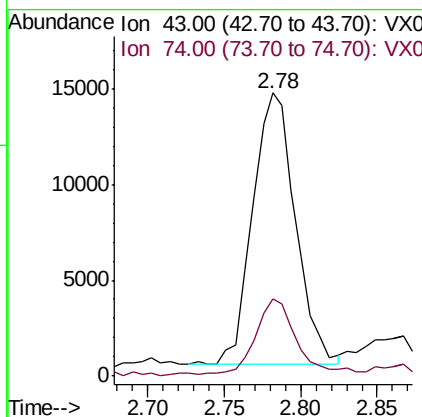
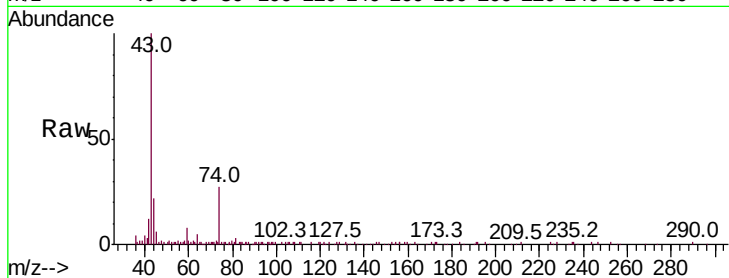




#18
Methvl Acetate
Concen: 2.969 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

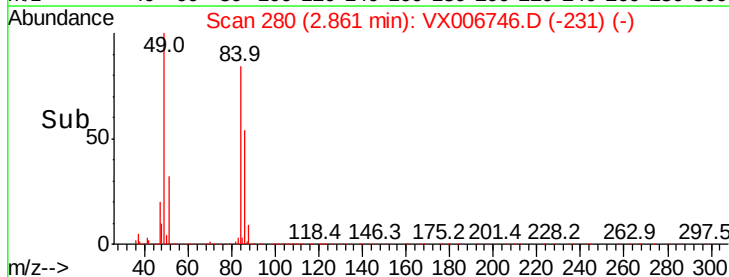
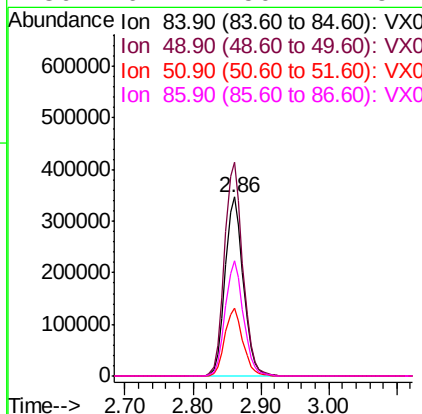
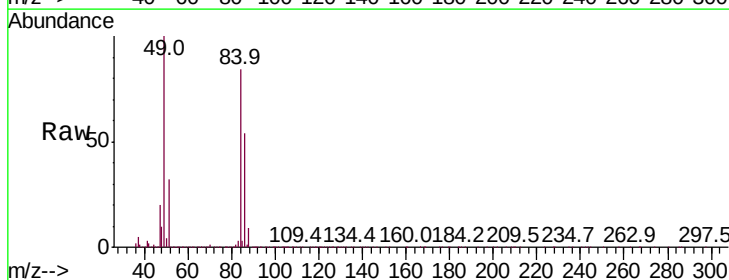
Instrument :
MSVOA_X
ClientSampleId :
72-11989

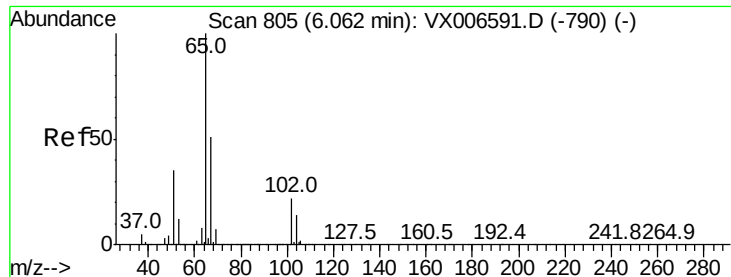
Tot Ion: 43 Resp: 27611
Ion Ratio Lower Upper
43 100
74 26.4 18.6 28.0



#20
Methylene Chloride
Concen: 98.345 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion: 84 Resp: 643064
Ion Ratio Lower Upper
84 100
49 119.5 91.8 137.6
51 37.9 28.5 42.7
86 64.2 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 50.324 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006746.D

Acq: 22 Dec 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

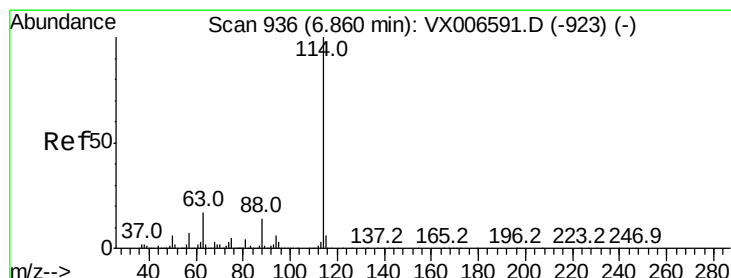
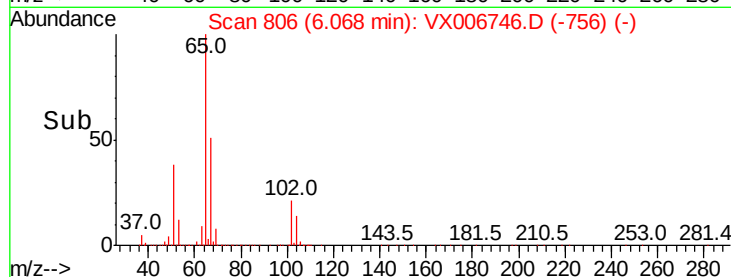
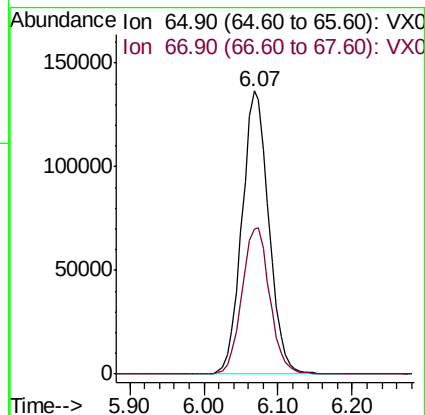
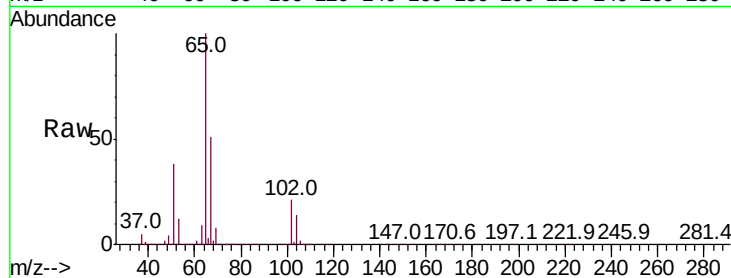
72-11989

Tot Ion: 65 Resp: 346371

Ion Ratio Lower Upper

65 100

67 53.2 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: VX006746.D

Acq: 22 Dec 2018 02:11

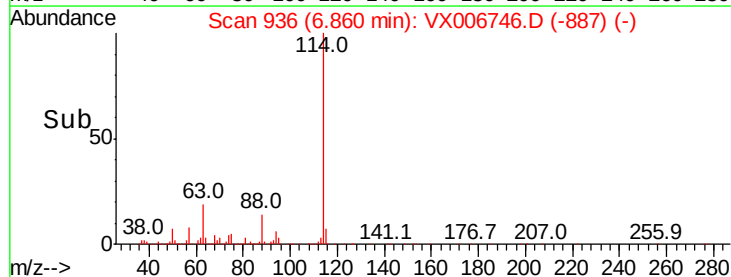
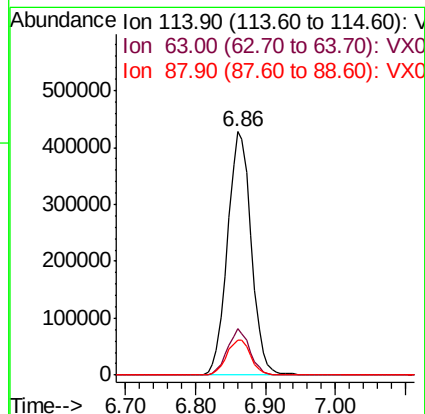
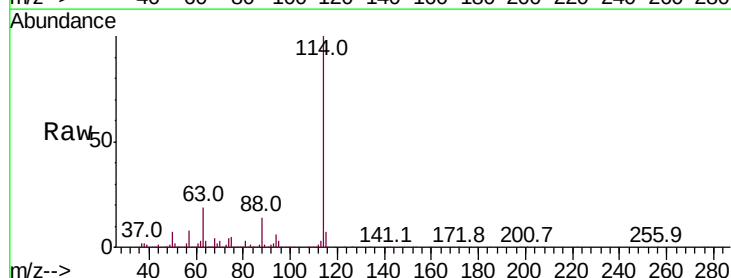
Tgt Ion: 114 Resp: 1009090

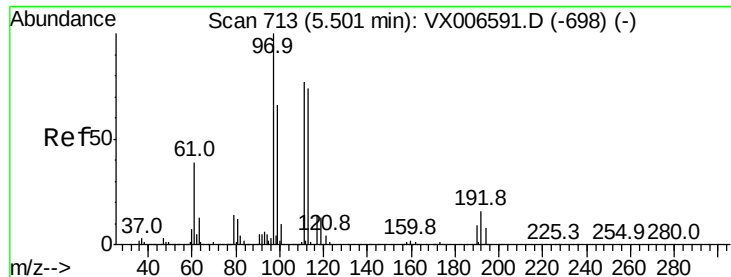
Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.8

88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.514 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006746.D

Acq: 22 Dec 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

72-11989

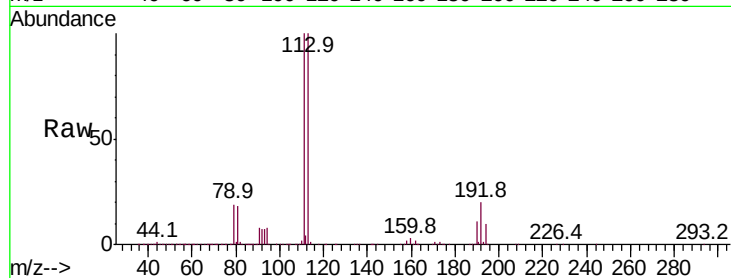
Tot Ion:113 Resp: 303201

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

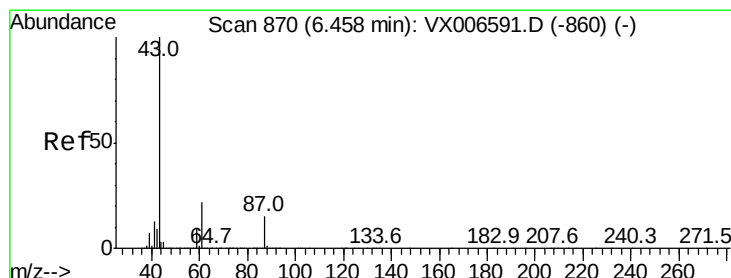
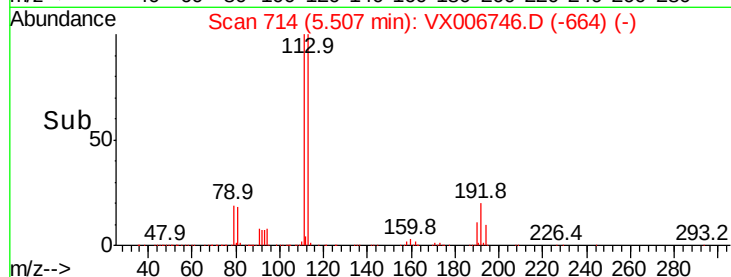
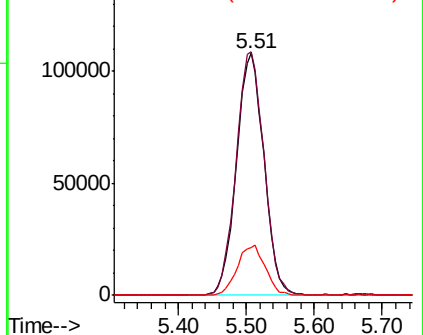
192 21.0 16.7 25.1



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: 2.273 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006746.D

Acq: 22 Dec 2018 02:11

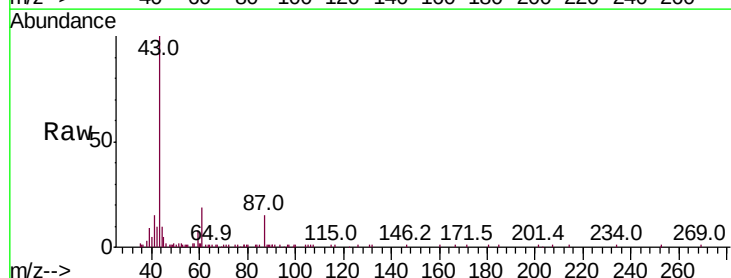
Tgt Ion: 43 Resp: 30088

Ion Ratio Lower Upper

43 100

61 22.1 16.8 25.2

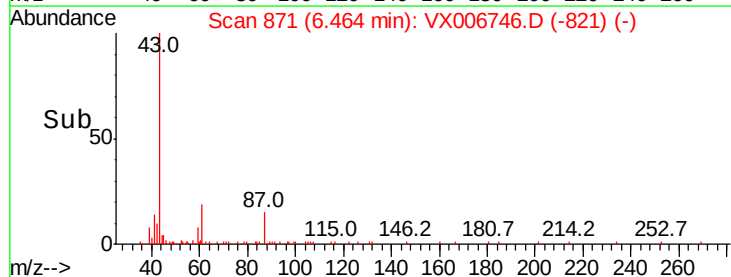
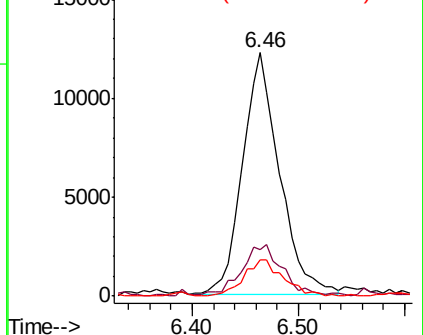
87 15.7 12.4 18.6

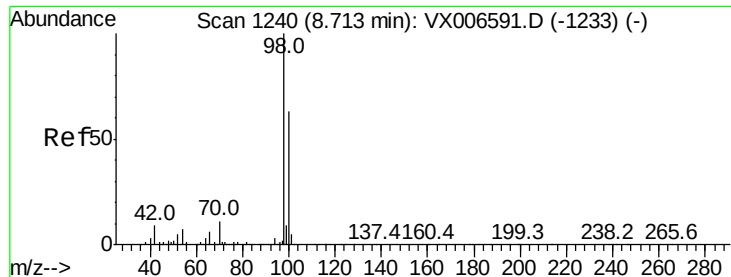


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.538 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006746.D

Acq: 22 Dec 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

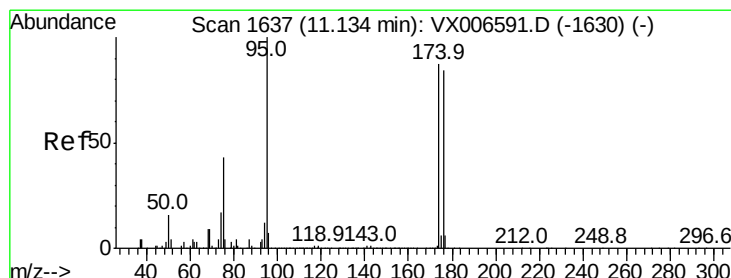
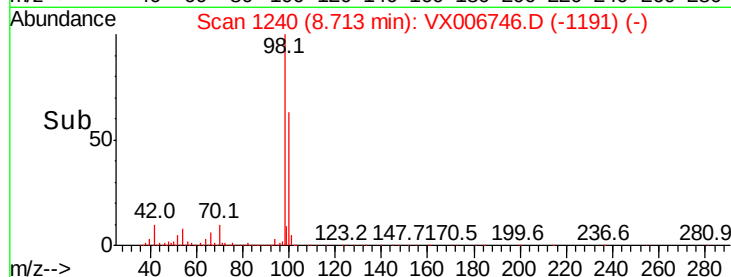
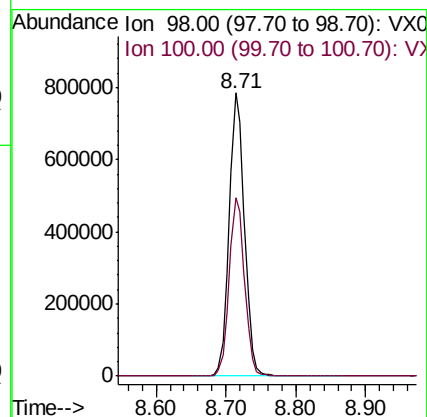
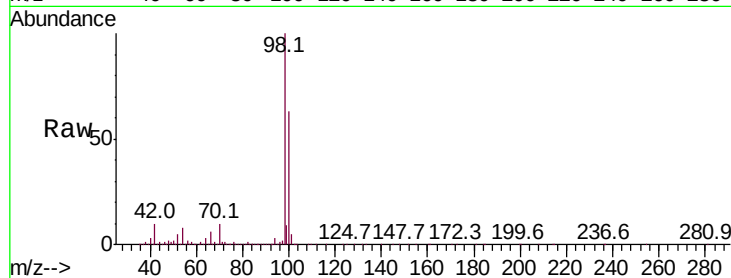
72-11989

Tot Ion: 98 Resp: 1191779

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.918 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006746.D

Acq: 22 Dec 2018 02:11

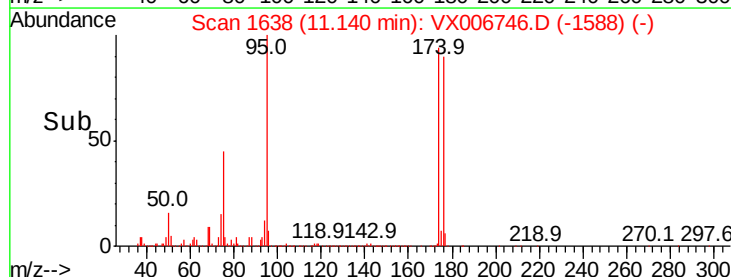
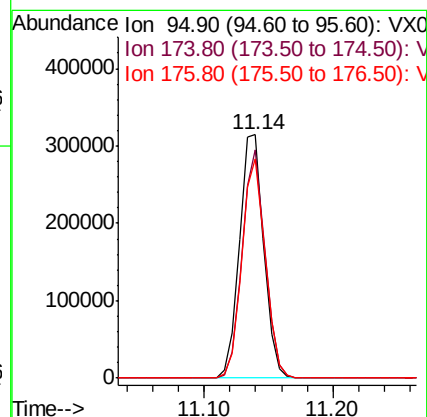
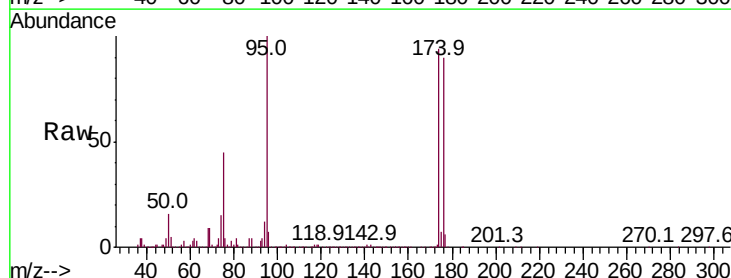
Tgt Ion: 95 Resp: 413390

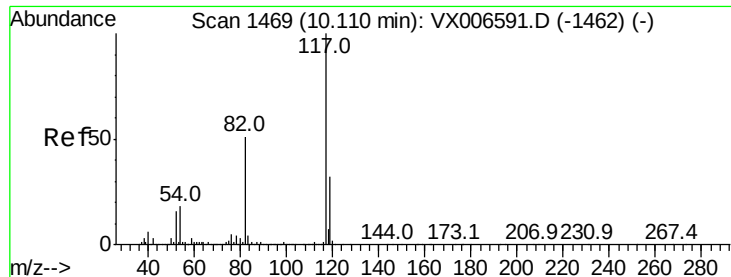
Ion Ratio Lower Upper

95 100

174 88.5 0.0 182.2

176 86.4 0.0 178.8

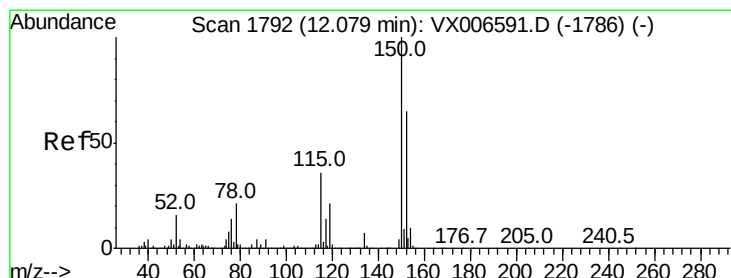
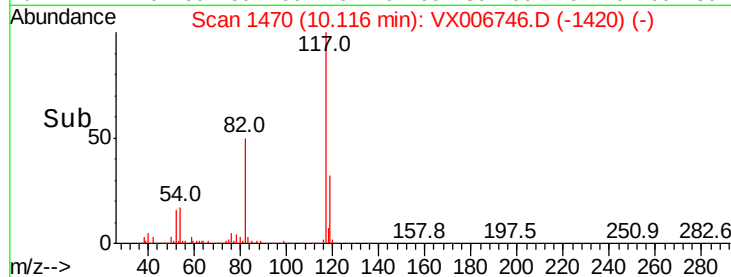
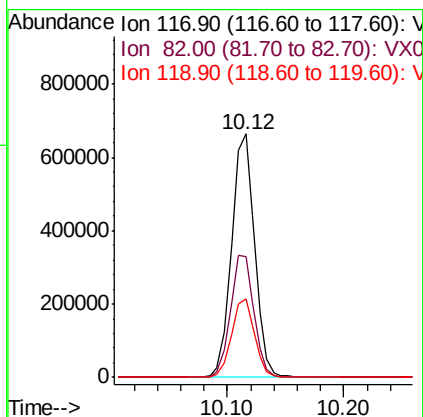
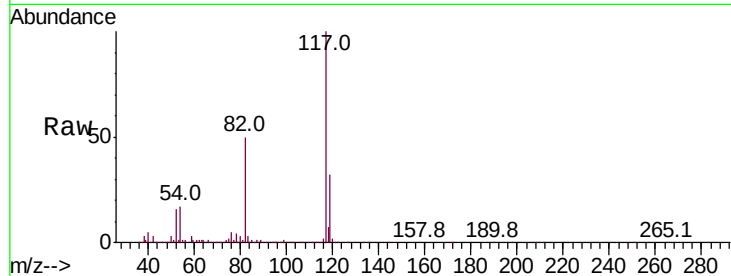




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

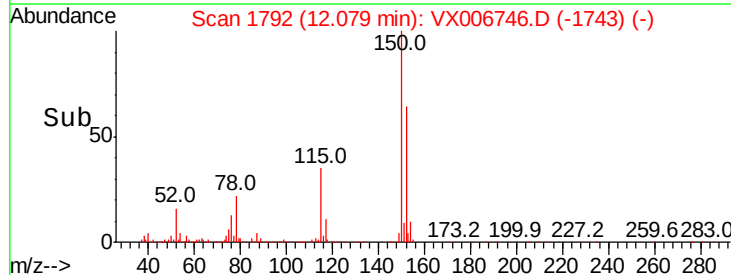
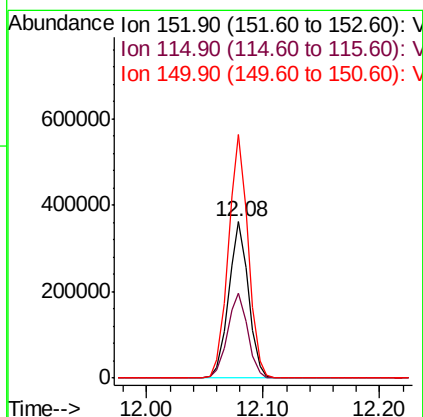
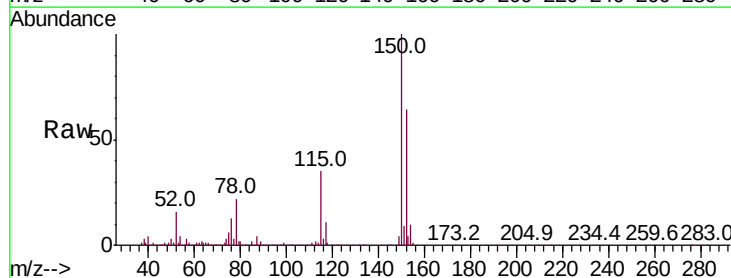
Instrument :
MSVOA_X
ClientSampleId :
72-11989

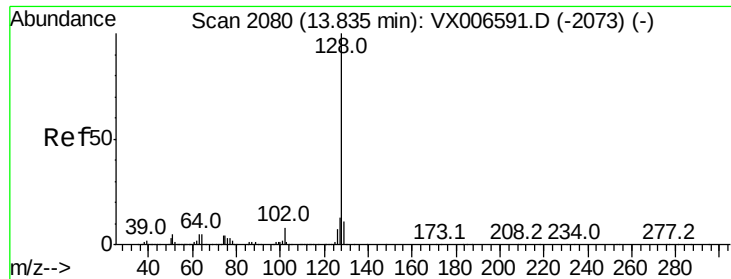
Tot Ion:117 Resp: 915393
Ion Ratio Lower Upper
117 100
82 49.8 41.0 61.6
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006746.D
Acq: 22 Dec 2018 02:11

Tgt Ion:152 Resp: 426630
Ion Ratio Lower Upper
152 100
115 55.2 39.1 117.2
150 155.4 0.0 344.8





#95

Naphthalene

Concen: 1.336 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006746.D

Acq: 22 Dec 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

72-11989

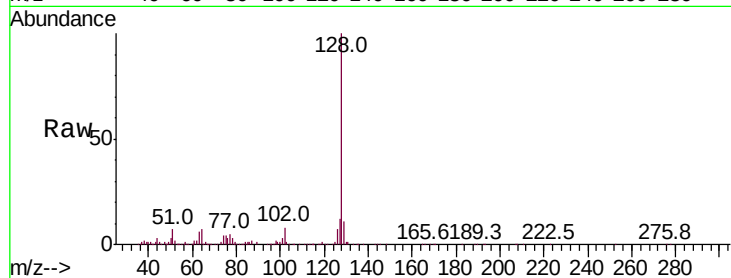
Tot Ion:128 Resp: 41849

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 12.0 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

