

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006641.D
 Acq On : 19 Dec 2018 17:11
 Operator : JC/MD
 Sample : J6486-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S72-EB-2018-2

Quant Time: Dec 20 04:24:30 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

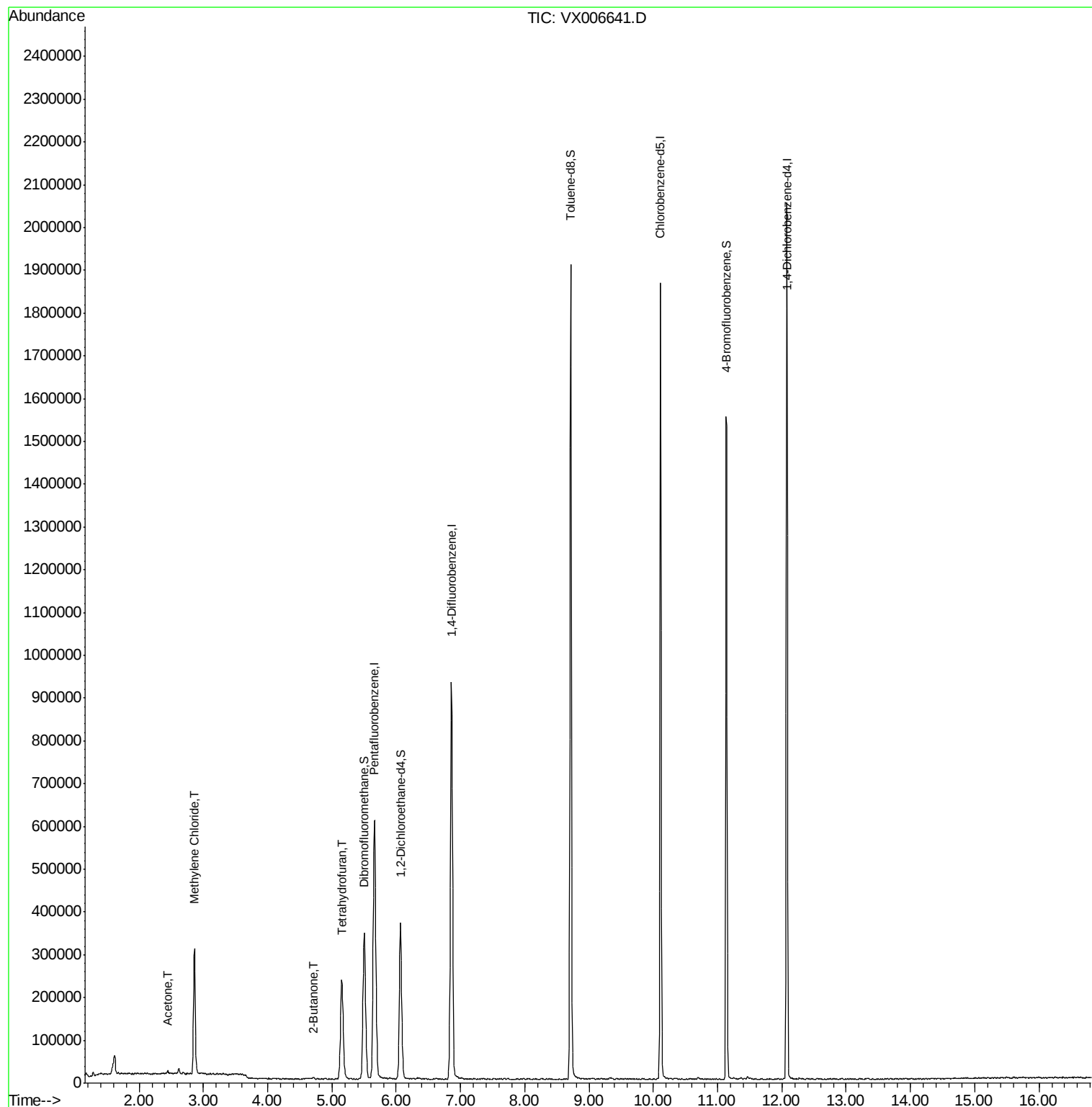
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	620186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	990579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	903675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	426880	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	343886	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
35) Dibromofluoromethane	5.50	113	294142	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	8.71	98	1172414	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	426851	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
Target Compounds						
16) Acetone	2.45	43	5596	1.822	ug/l	89
20) Methylene Chloride	2.86	84	139231	21.926	ug/l	99
25) 2-Butanone	4.71	43	5747	1.330	ug/l	97
29) Tetrahydrofuran	5.15	42	211498	74.340	ug/l	99

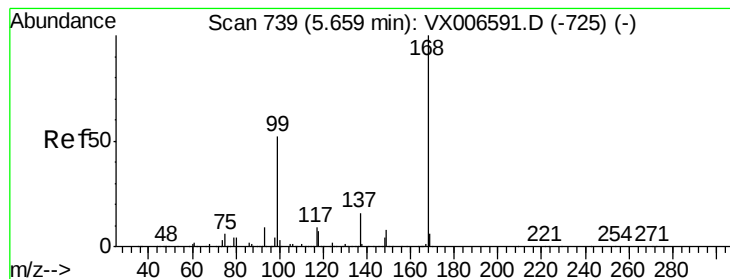
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121918\
Data File : VX006641.D
Acq On : 19 Dec 2018 17:11
Operator : JC/MD
Sample : J6486-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S72-EB-2018-2

Quant Time: Dec 20 04:24:30 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: VX006641.D

Acq: 19 Dec 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

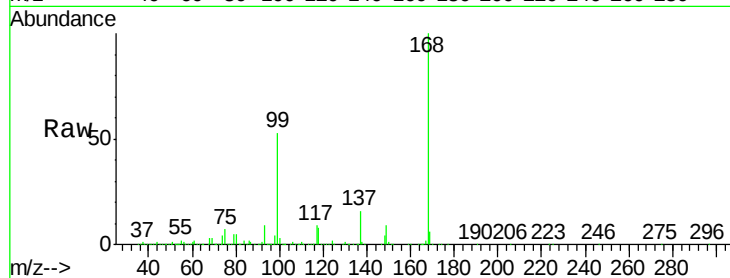
S72-EB-2018-2

Tot Ion:168 Resp: 620186

Ion Ratio Lower Upper

168 100

99 52.9 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

200000

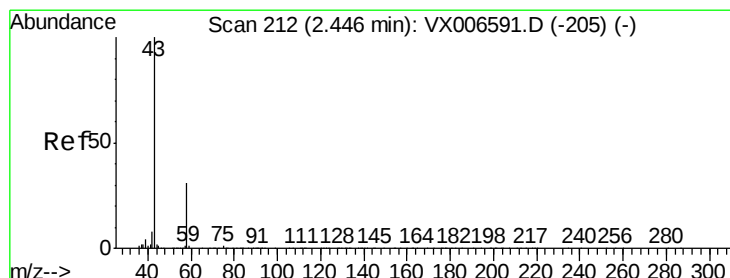
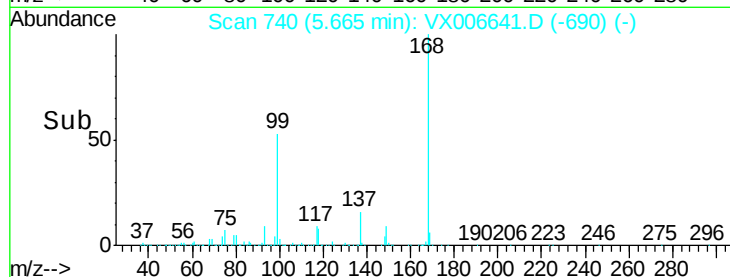
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.822 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006641.D

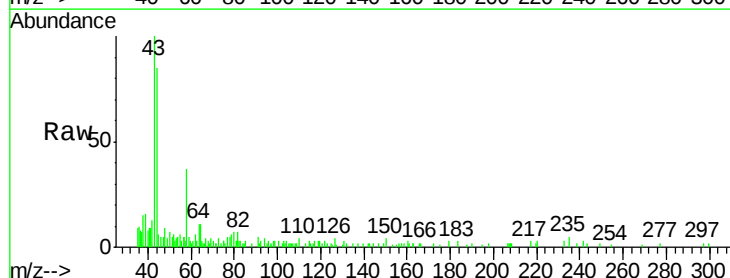
Acq: 19 Dec 2018 17:11

Tgt Ion: 43 Resp: 5596

Ion Ratio Lower Upper

43 100

58 37.2 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

4000

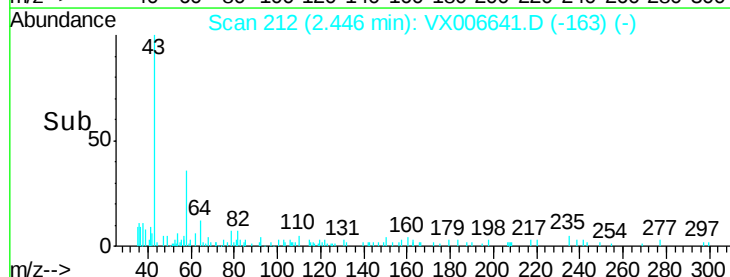
3000

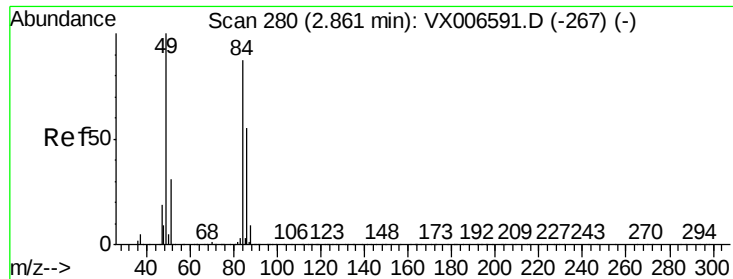
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#20

Methvlene Chloride

Concen: 21.926 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX006641.D

Acq: 19 Dec 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

S72-EB-2018-2

Tot Ion: 84 Resp: 139231

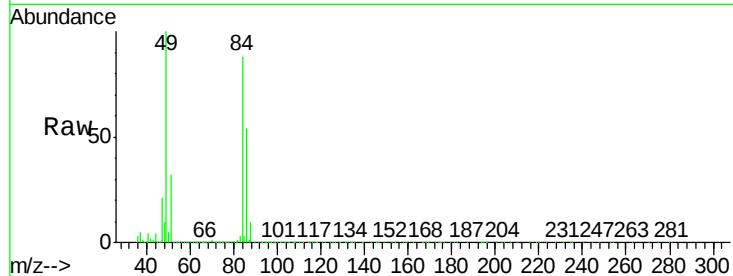
Ion Ratio Lower Upper

84 100

49 113.7 91.8 137.6

51 36.0 28.5 42.7

86 60.8 50.2 75.2

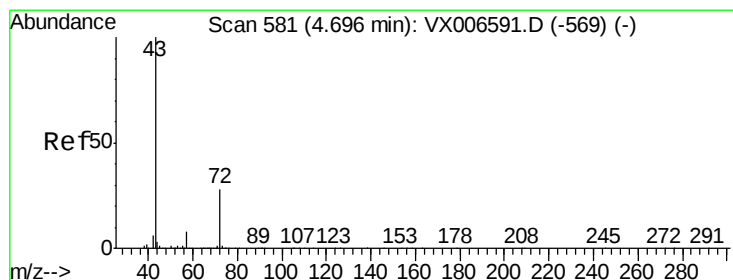
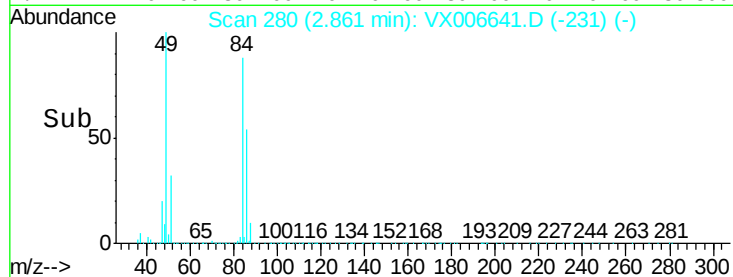
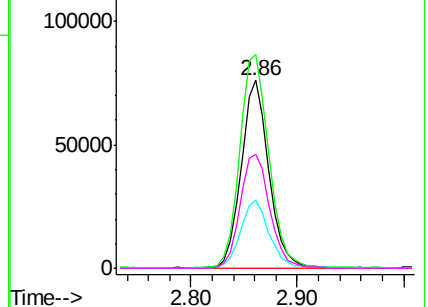


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 1.330 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006641.D

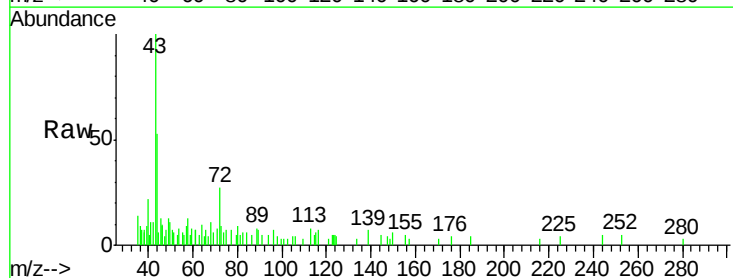
Acq: 19 Dec 2018 17:11

Tgt Ion: 43 Resp: 5747

Ion Ratio Lower Upper

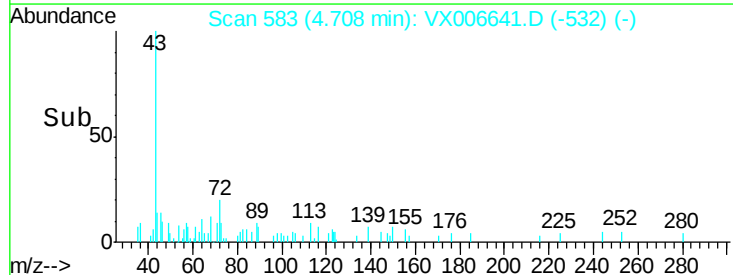
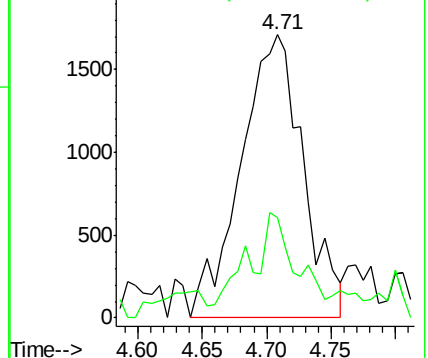
43 100

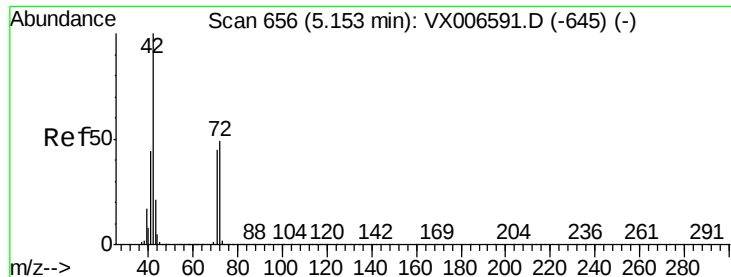
72 26.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

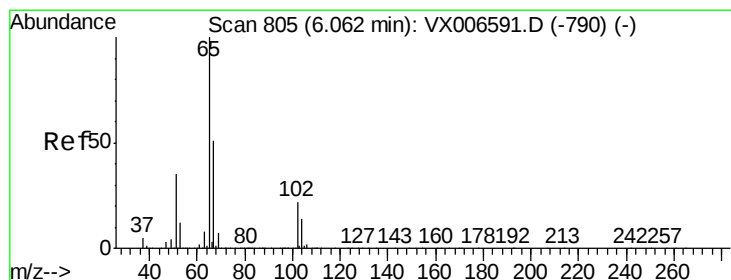
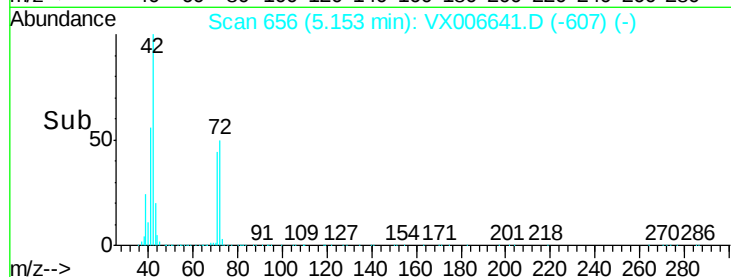
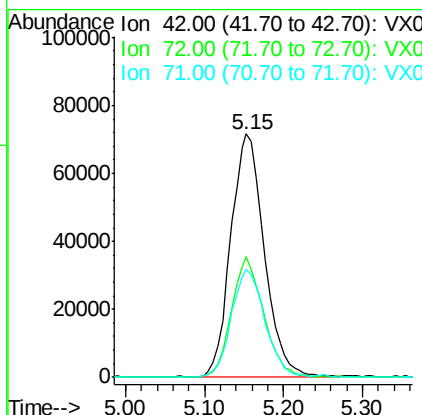
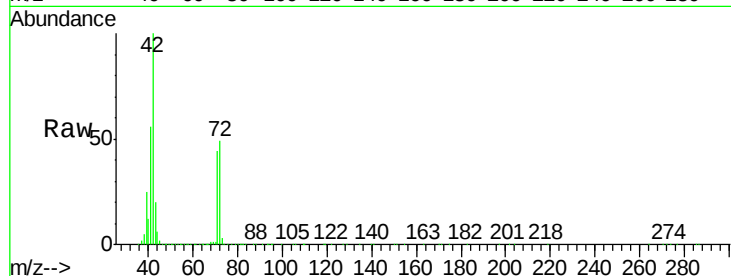




#29
Tetrahydrofuran
Concen: 74.340 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006641.D
Acq: 19 Dec 2018 17:11

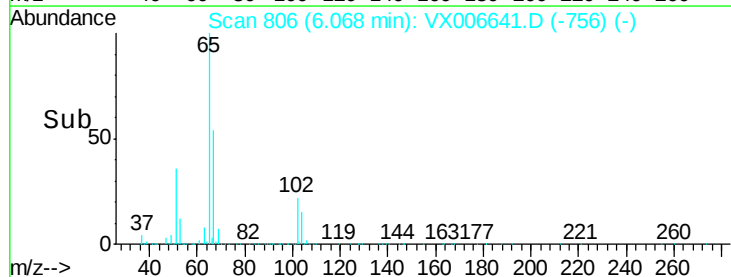
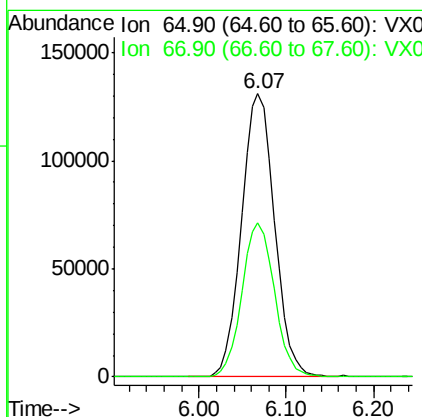
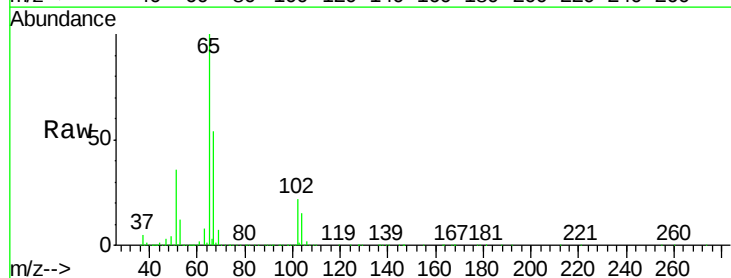
Instrument :
MSVOA_X
ClientSampleId :
S72-EB-2018-2

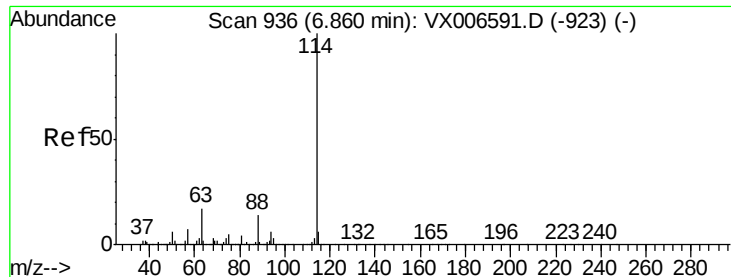
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	38.9	58.3
71	44.4	36.2	54.4



#33
1,2-Dichloroethane-d4
Concen: 51.448 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006641.D
Acq: 19 Dec 2018 17:11

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.4	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: VX006641.D

Acq: 19 Dec 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

S72-EB-2018-2

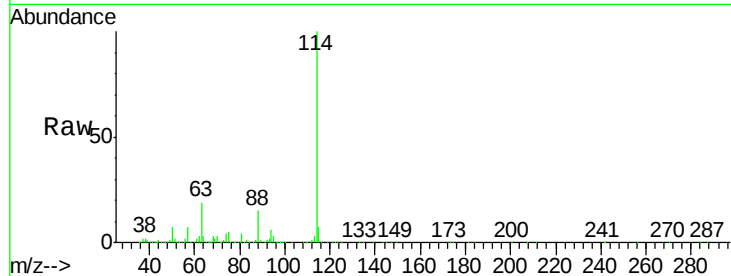
Tot Ion:114 Resp: 990579

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

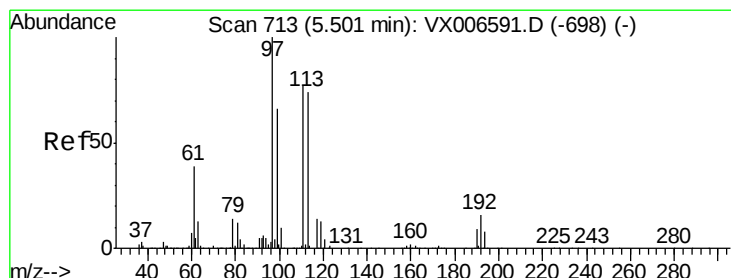
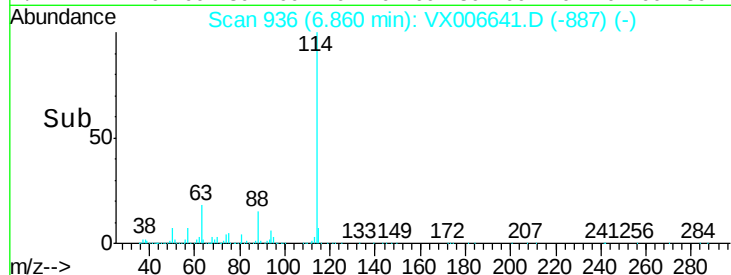
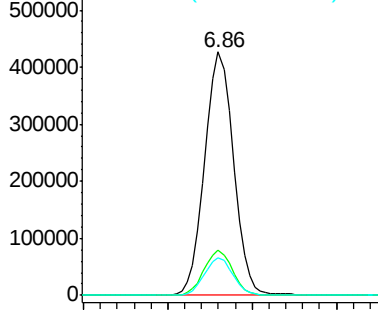
88 15.3 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 46.956 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006641.D

Acq: 19 Dec 2018 17:11

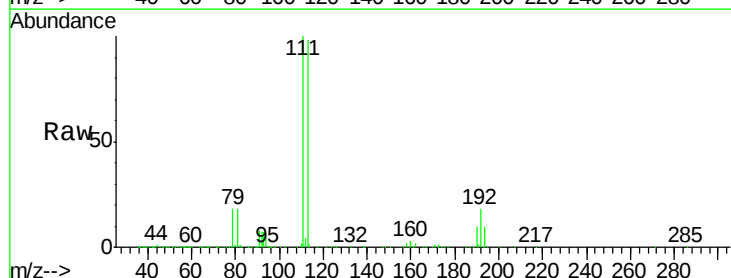
Tgt Ion:113 Resp: 294142

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

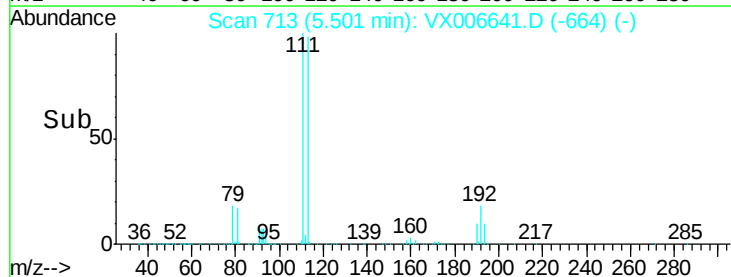
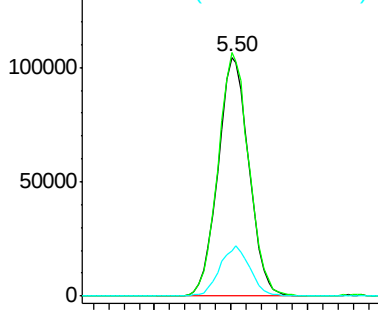
192 20.7 16.7 25.1

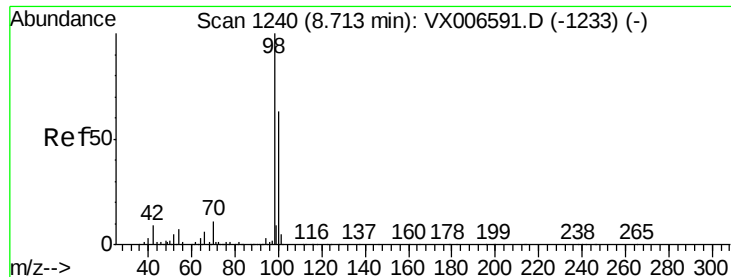


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.644 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006641.D

Acq: 19 Dec 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

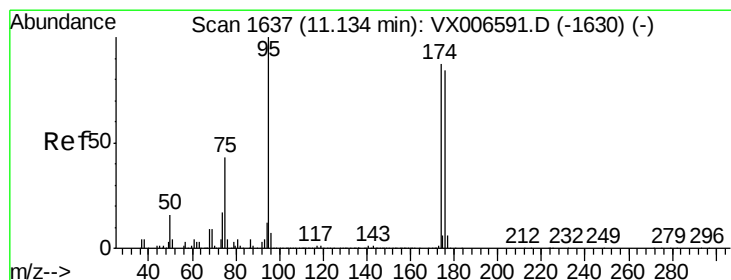
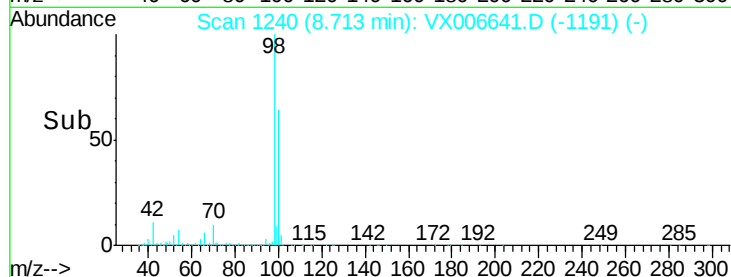
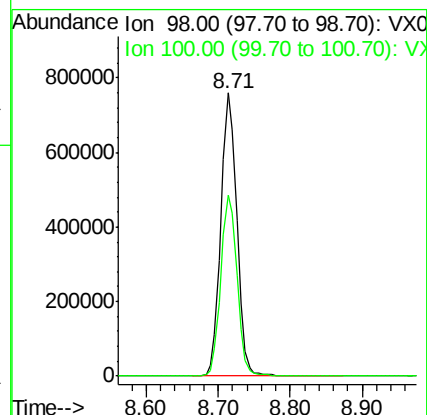
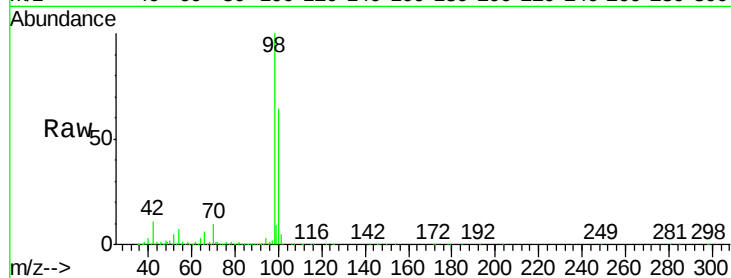
S72-EB-2018-2

Tot Ion: 98 Resp: 1172414

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.351 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006641.D

Acq: 19 Dec 2018 17:11

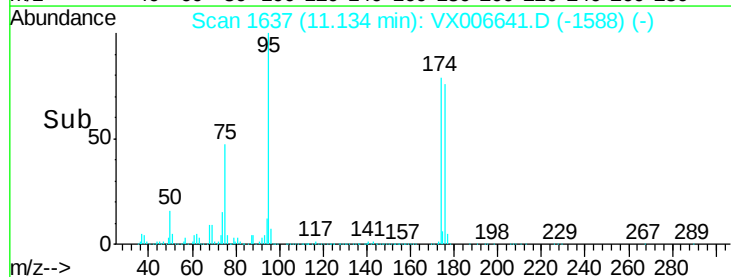
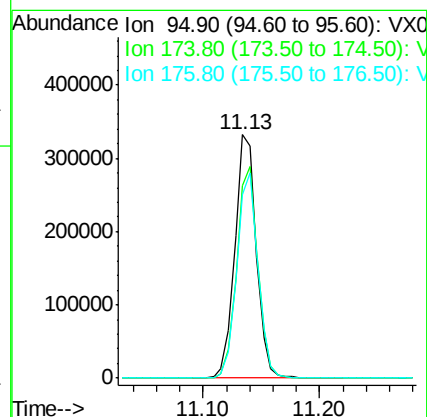
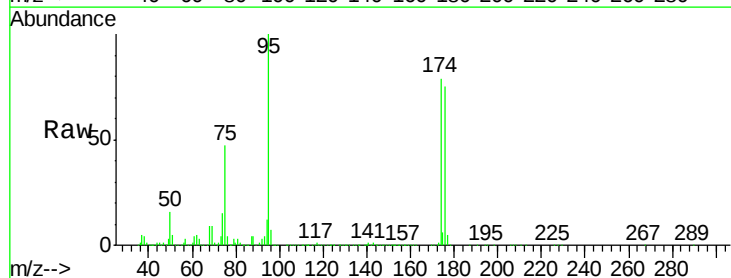
Tgt Ion: 95 Resp: 426851

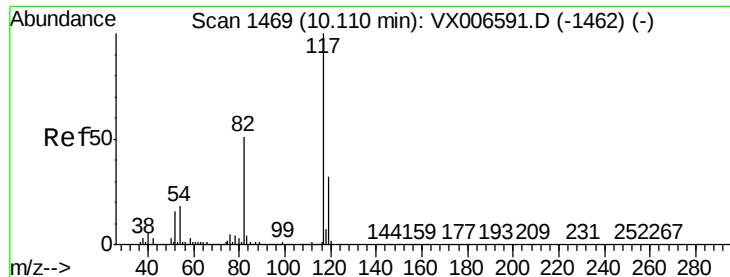
Ion Ratio Lower Upper

95 100

174 85.7 0.0 182.2

176 83.4 0.0 178.8

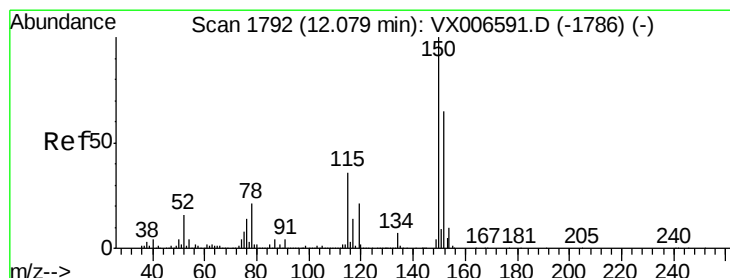
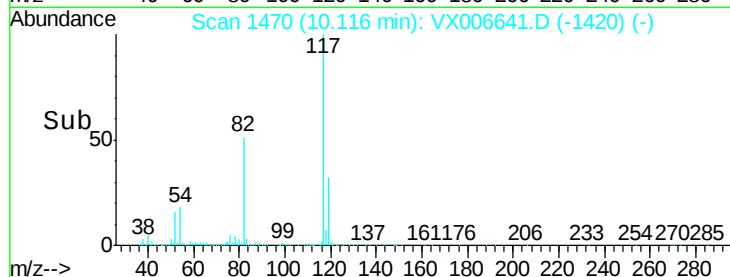
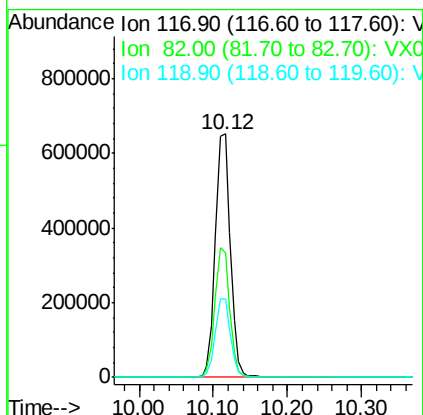
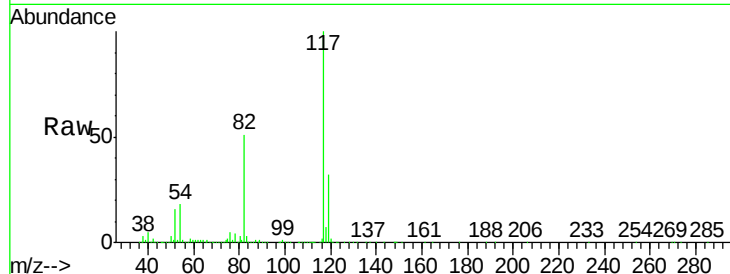




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006641.D
Acq: 19 Dec 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
S72-EB-2018-2

Tot Ion:117 Resp: 903675
Ion Ratio Lower Upper
117 100
82 51.0 41.0 61.6
119 32.4 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: VX006641.D
Acq: 19 Dec 2018 17:11

Tgt Ion:152 Resp: 426880
Ion Ratio Lower Upper
152 100
115 57.5 39.1 117.2
150 158.3 0.0 344.8

