

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002489.D
 Acq On : 13 Jun 2018 02:11
 Operator : JC/MD
 Sample : J3444-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-46(0-5)

Quant Time: Jun 13 03:56:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

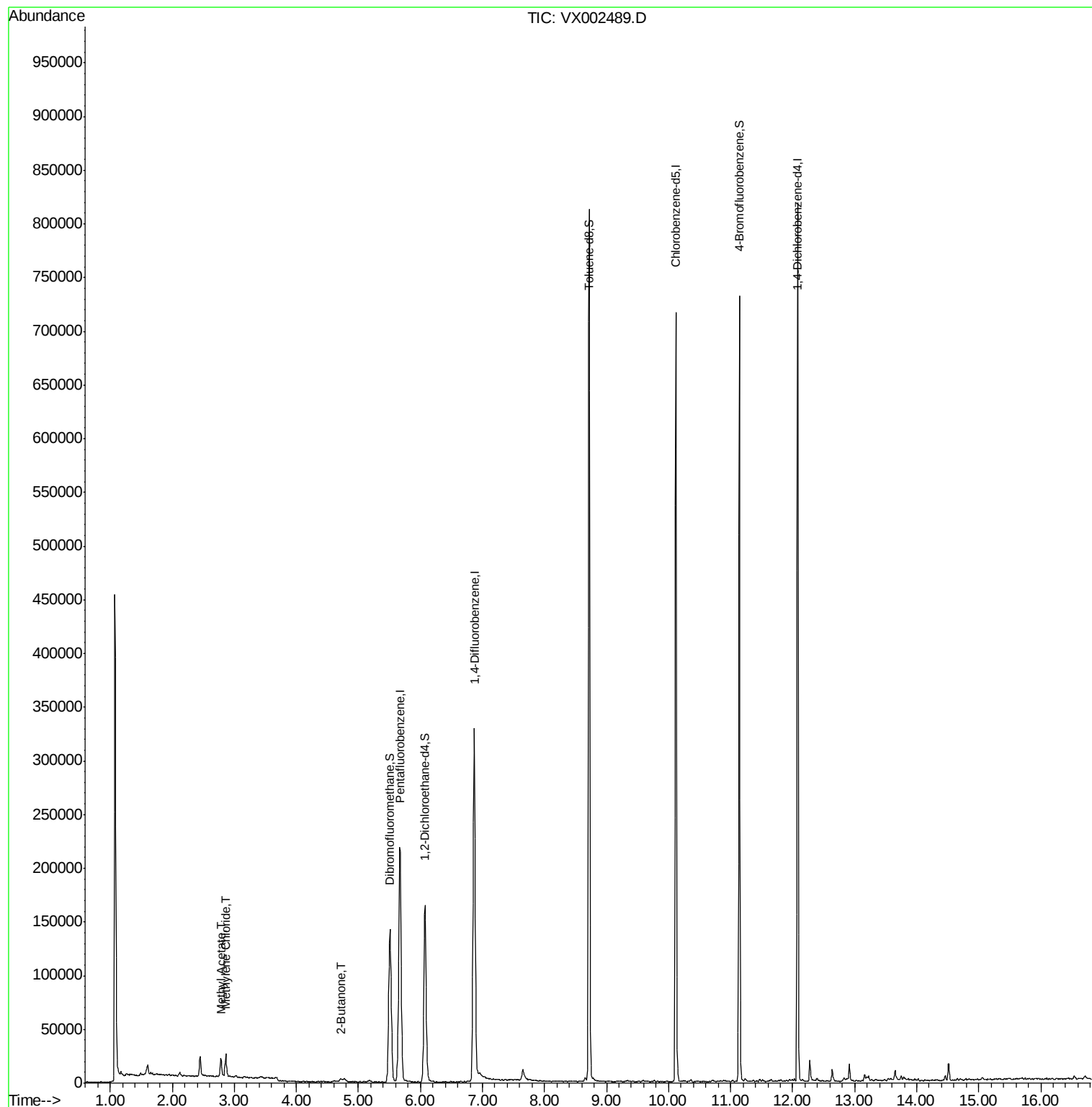
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317342	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170908	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	154243	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
35) Dibromofluoromethane	5.51	113	116412	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
50) Toluene-d8	8.72	98	463676	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.14	95	163444	44.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.62%	
Target Compounds						
18) Methyl Acetate	2.78	43	20728	4.345	ug/l	95
20) Methylene Chloride	2.86	84	9165	1.113	ug/l	95
25) 2-Butanone	4.71	43	4586	2.201	ug/l	96

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

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QLast Update : Tue Jun 05 03:22:35 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002489.D

Acq: 13 Jun 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

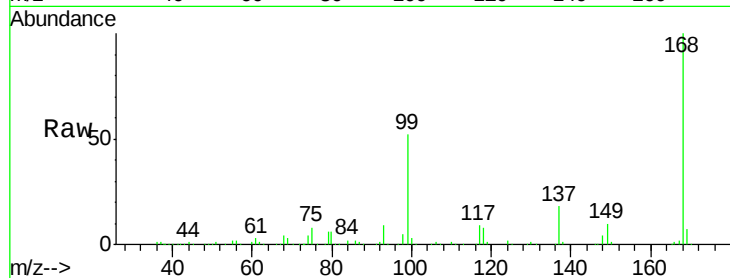
SB-46(0-5)

Tot Ion:168 Resp: 212476

Ion Ratio Lower Upper

168 100

99 52.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

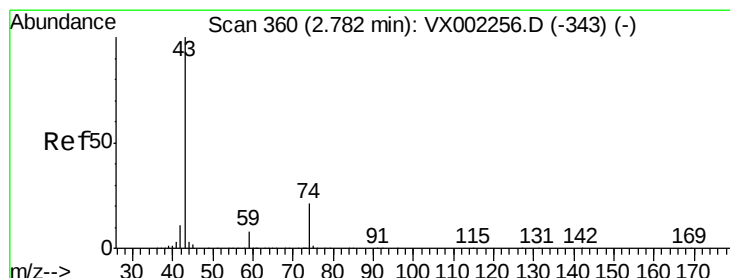
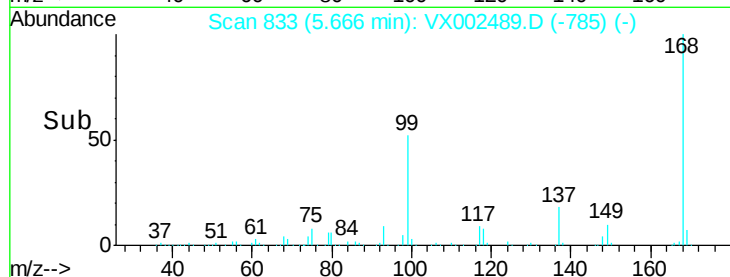
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 4.345 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002489.D

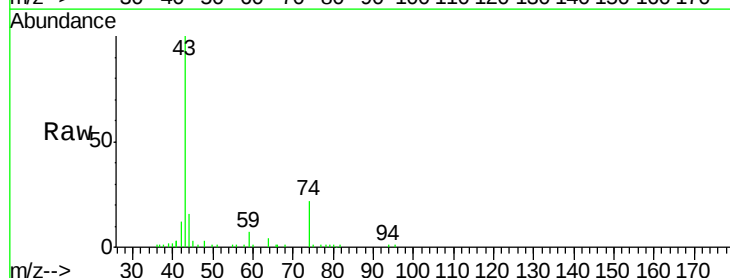
Acq: 13 Jun 2018 02:11

Tgt Ion: 43 Resp: 20728

Ion Ratio Lower Upper

43 100

74 23.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

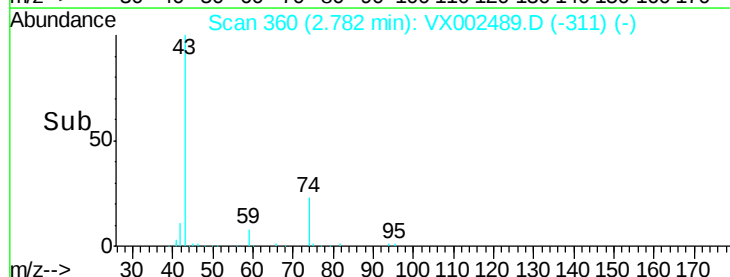
2.78

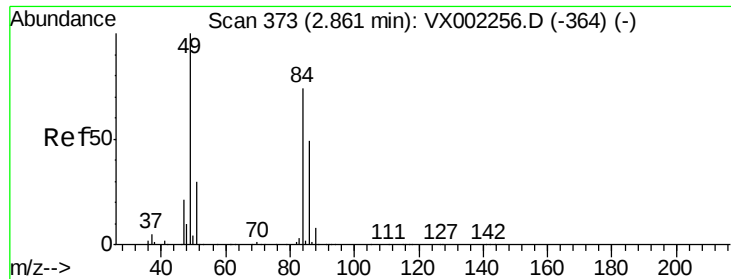
10000

5000

0

Time--> 2.70 2.75 2.80 2.85 2.90





#20

Methvlene Chloride

Concen: 1.113 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002489.D

Acq: 13 Jun 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

SB-46(0-5)

Tot Ion: 84 Resp: 9165

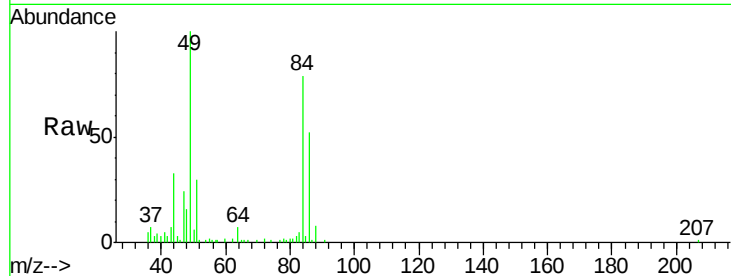
Ion Ratio Lower Upper

84 100

49 127.3 107.8 161.6

51 37.2 32.8 49.2

86 66.3 52.5 78.7

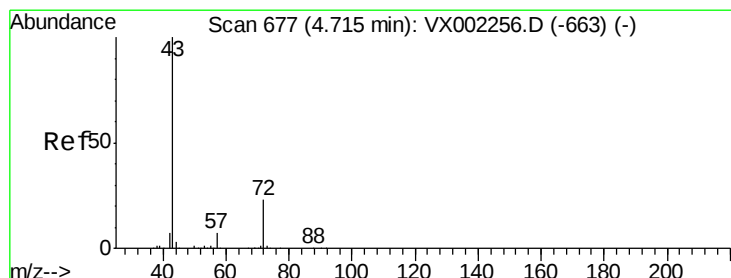
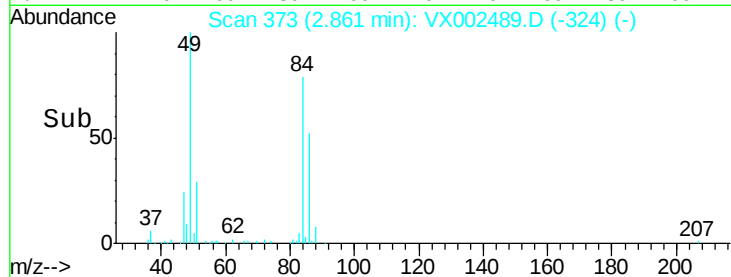
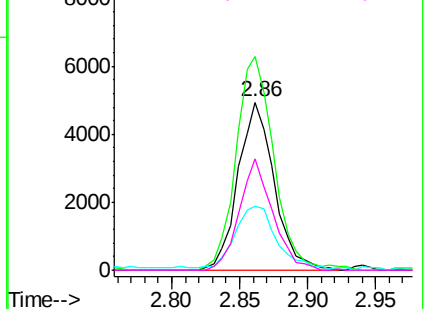


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 2.201 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002489.D

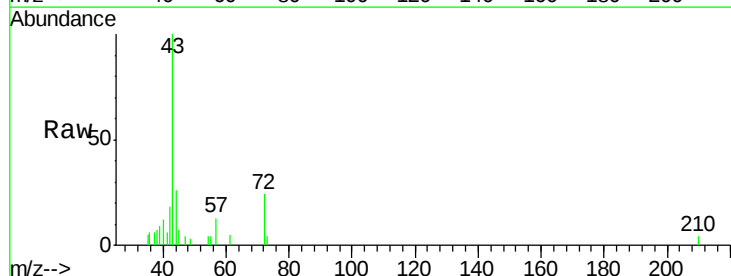
Acq: 13 Jun 2018 02:11

Tgt Ion: 43 Resp: 4586

Ion Ratio Lower Upper

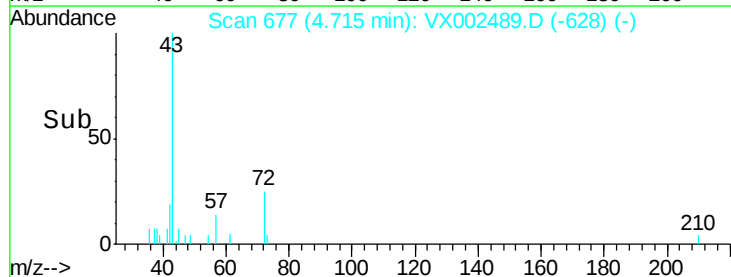
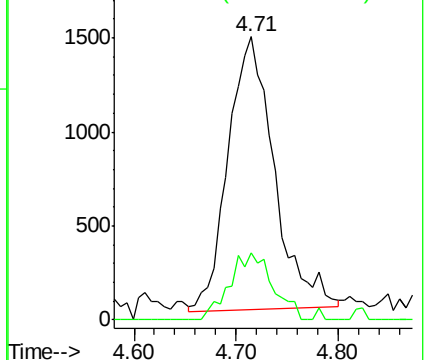
43 100

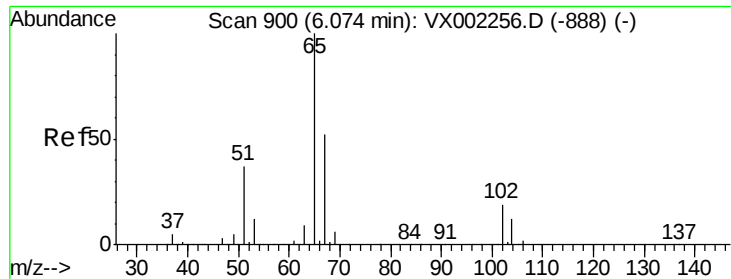
72 24.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

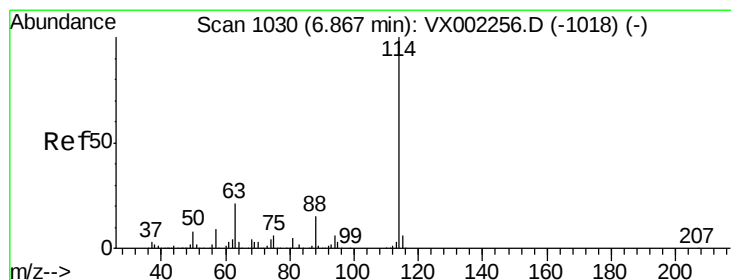
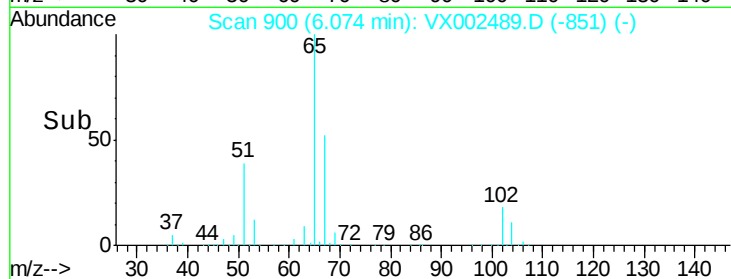
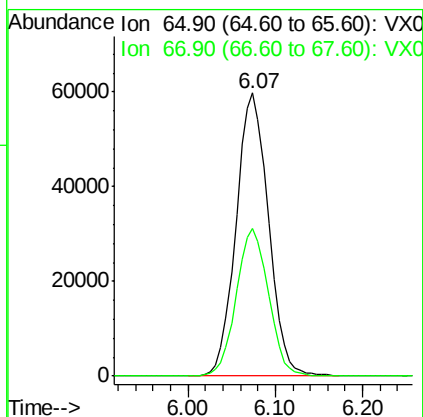
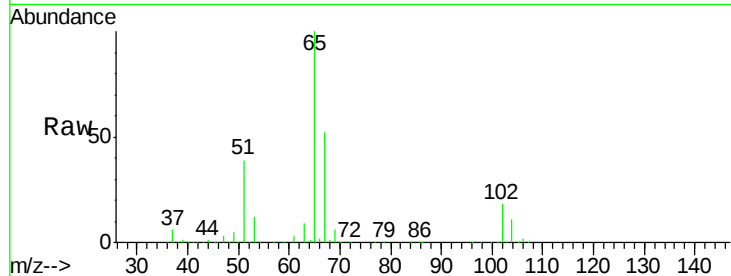




#33
 1,2-Dichloroethane-d4
 Concen: 50.821 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002489.D
 Acq: 13 Jun 2018 02:11

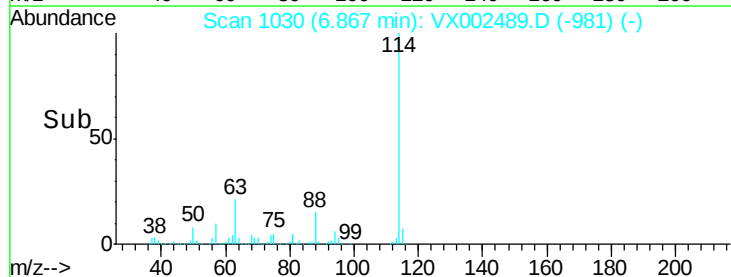
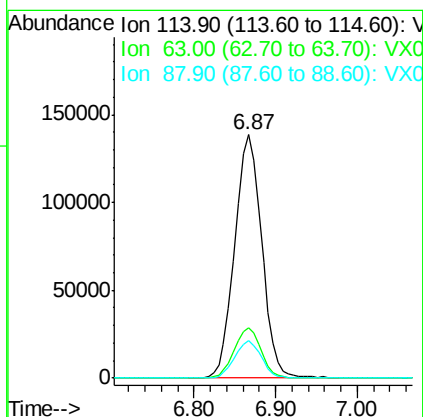
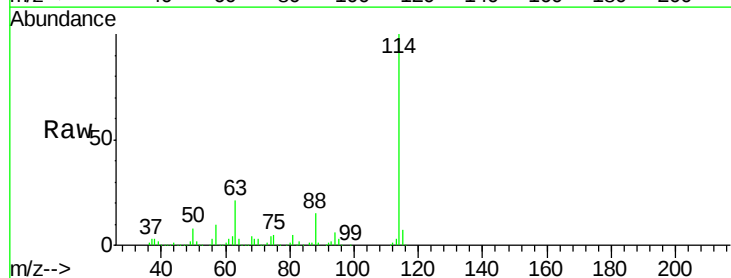
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-46(0-5)

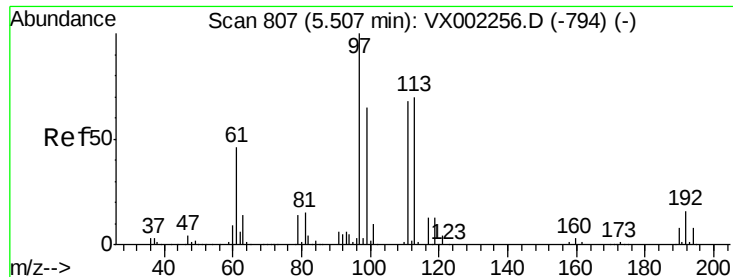
Tot Ion: 65 Resp: 154243
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002489.D
 Acq: 13 Jun 2018 02:11

Tgt Ion: 114 Resp: 317342
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.3 0.0 30.0

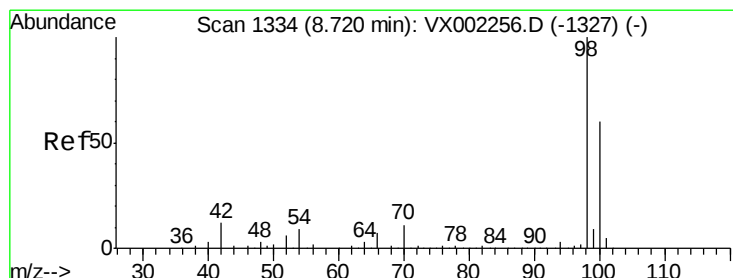
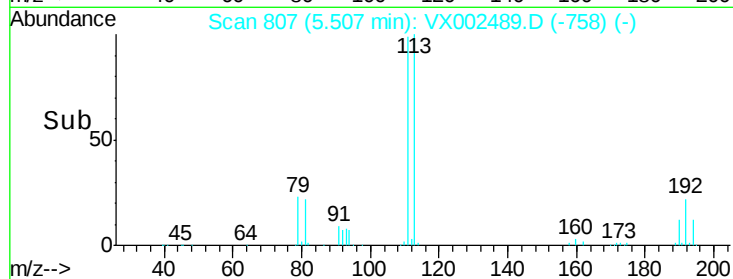
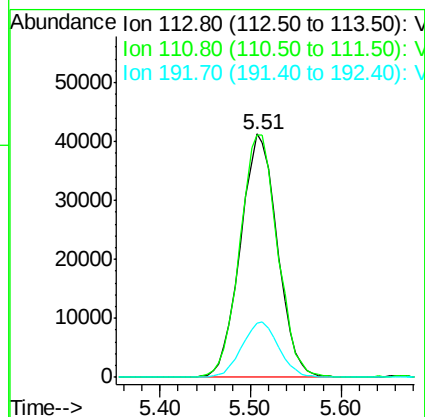
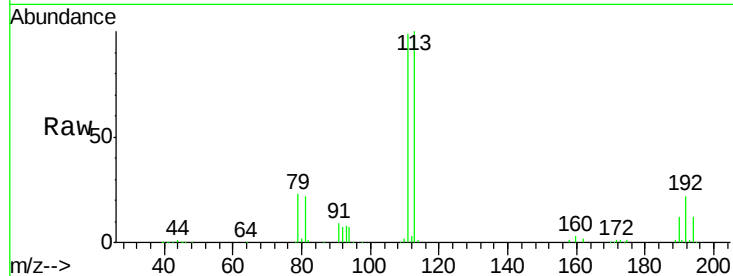




#35
Dibromofluoromethane
Concen: 46.647 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002489.D
Acq: 13 Jun 2018 02:11

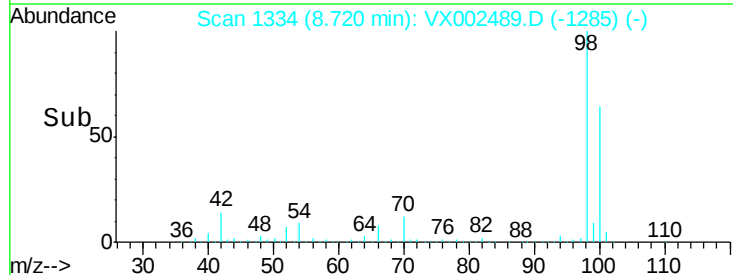
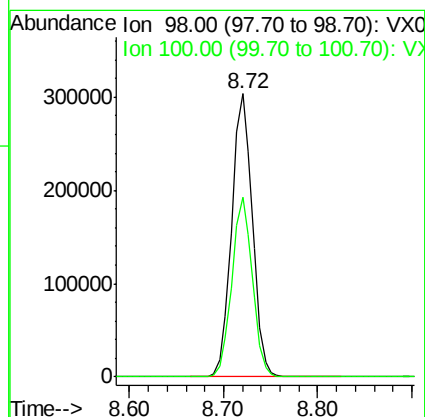
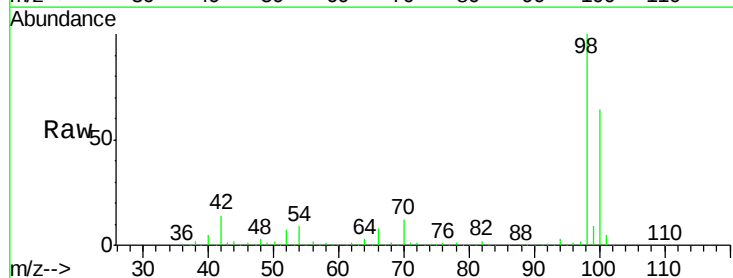
Instrument :
MSVOA_X
ClientSampled :
SB-46(0-5)

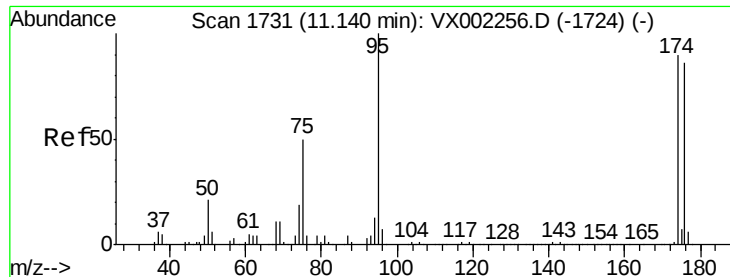
Tot Ion:113 Resp: 116412
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 22.7 19.1 28.7



#50
Toluene-d8
Concen: 48.474 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002489.D
Acq: 13 Jun 2018 02:11

Tgt Ion: 98 Resp: 463676
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 44.311 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002489.D

Acq: 13 Jun 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

SB-46(0-5)

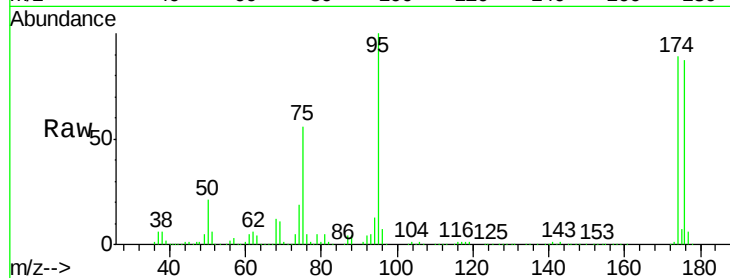
Tot Ion: 95 Resp: 163444

Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.4

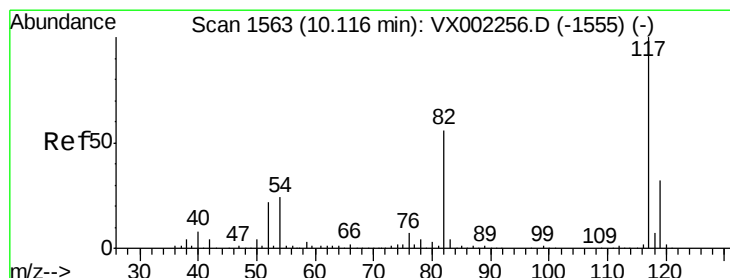
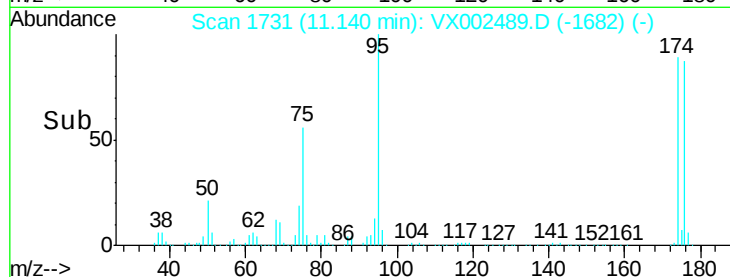
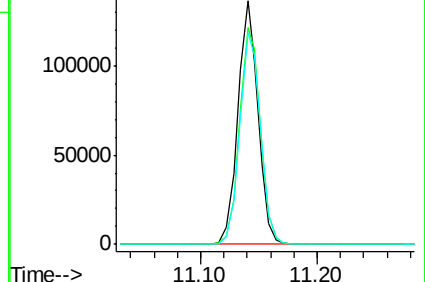
176 90.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002489.D

Acq: 13 Jun 2018 02:11

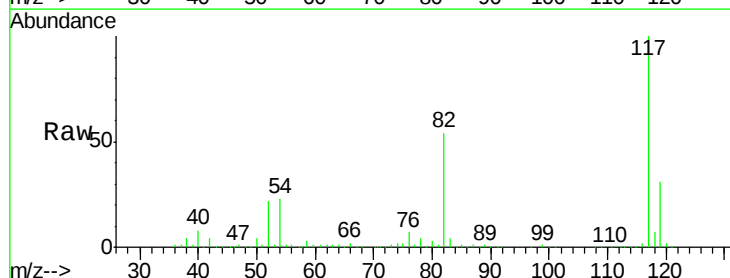
Tgt Ion: 117 Resp: 303339

Ion Ratio Lower Upper

117 100

82 54.2 45.0 67.4

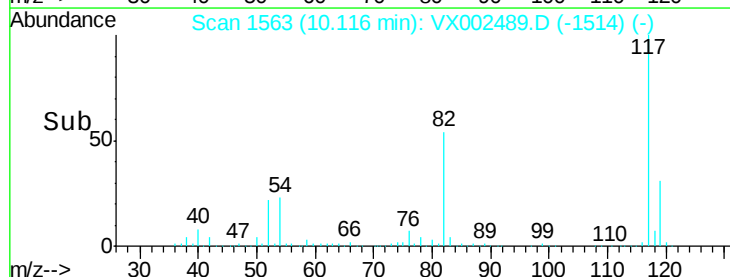
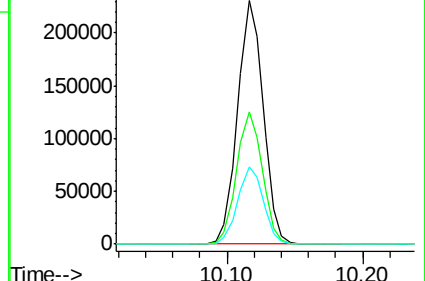
119 31.5 25.8 38.6

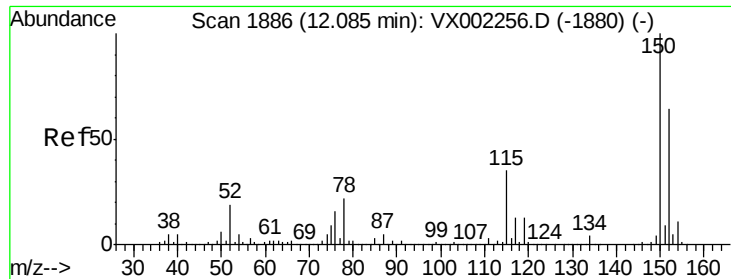


Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002489.D

Acq: 13 Jun 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

SB-46(0-5)

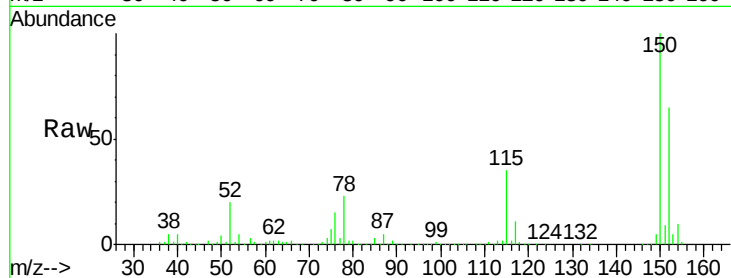
Tot Ion:152 Resp: 170908

Ion Ratio Lower Upper

152 100

115 55.2 40.1 120.2

150 154.7 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

