

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003079.D
 Acq On : 30 Jun 2018 15:23
 Operator : JC/MD
 Sample : J3675-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0222

Quant Time: Jul 02 03:34:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

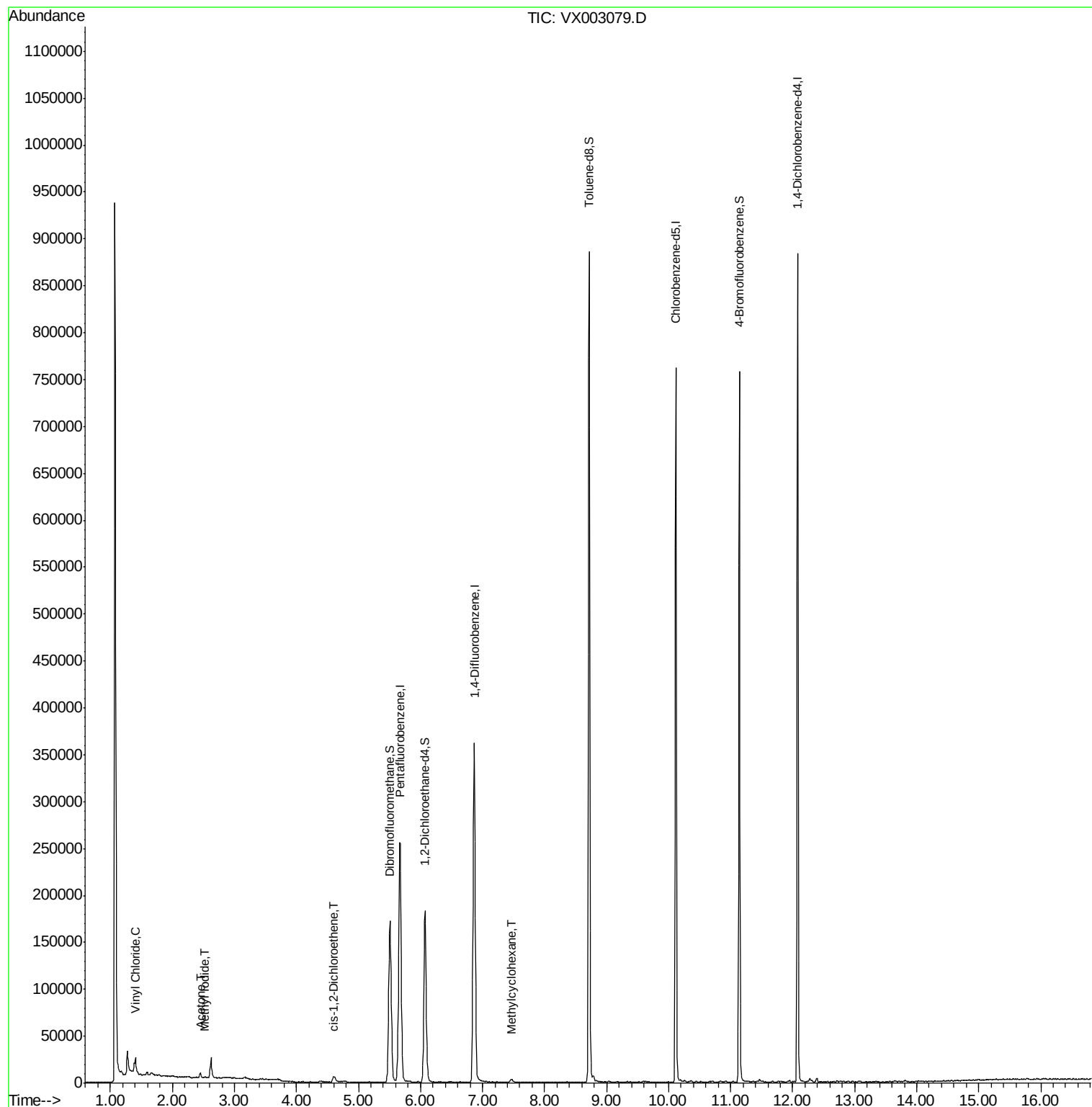
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368734	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	173030	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
35) Dibromofluoromethane	5.51	113	141718	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
50) Toluene-d8	8.72	98	514090	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	11.14	95	178303	43.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.72%	
Target Compounds						
4) Vinyl Chloride	1.40	62	8895	2.99	ug/l #	30
10) Methyl Iodide	2.51	142	1761	6.75	ug/l	98
16) Acetone	2.45	43	5160	3.42	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	2721	0.86	ug/l #	9
39) Methylcyclohexane	7.46	83	1170	0.25	ug/l #	93

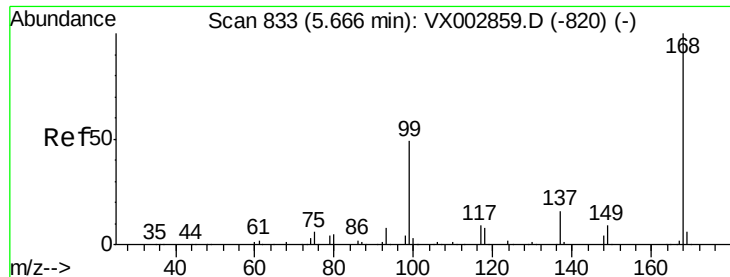
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003079.D

Acq: 30 Jun 2018 15:23

Instrument :

MSVOA_X

ClientSampleId :

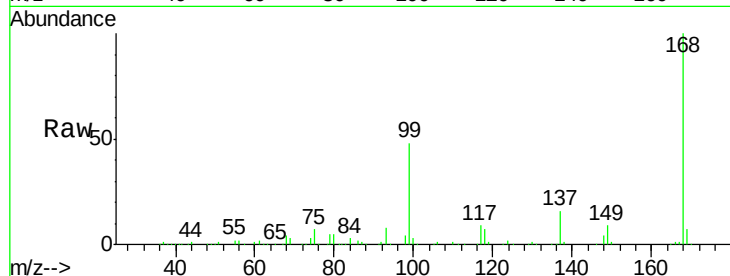
S73-0222

Tot Ion:168 Resp: 263281

Ion Ratio Lower Upper

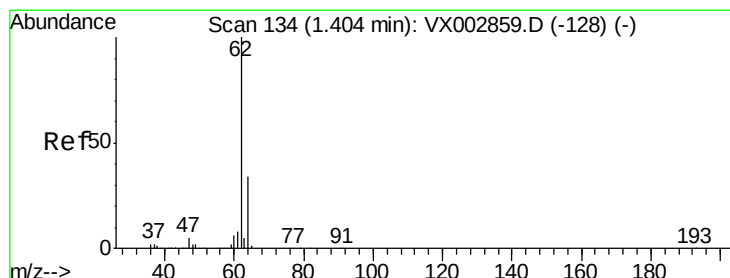
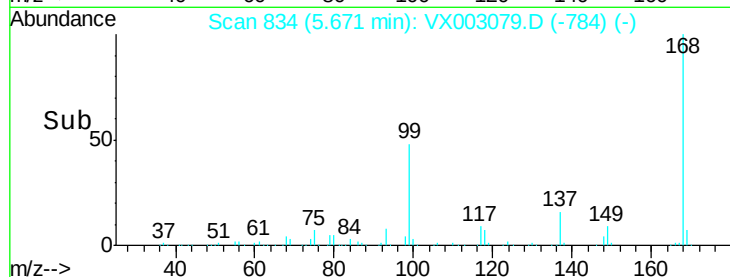
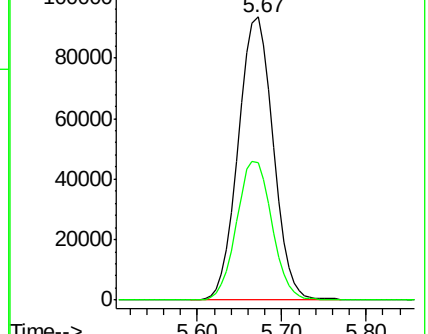
168 100

99 48.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 2.99 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003079.D

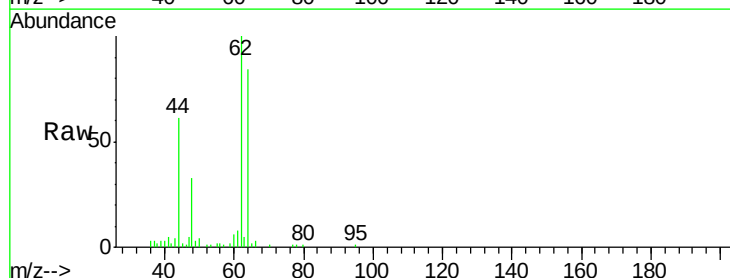
Acq: 30 Jun 2018 15:23

Tgt Ion: 62 Resp: 8895

Ion Ratio Lower Upper

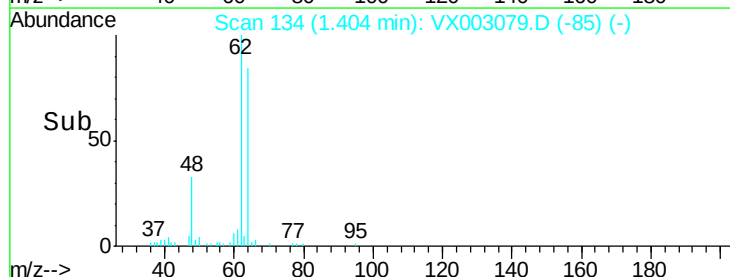
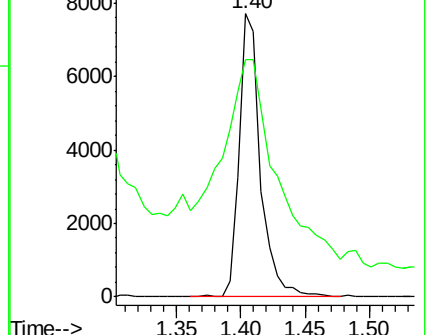
62 100

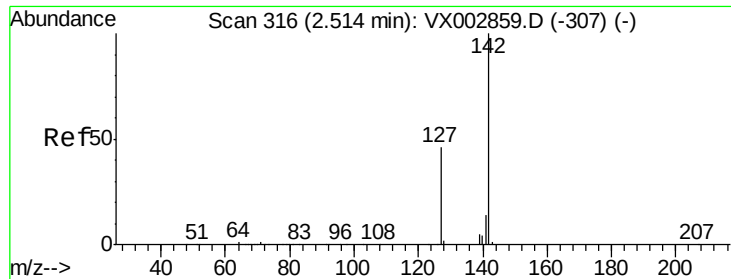
64 70.7 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

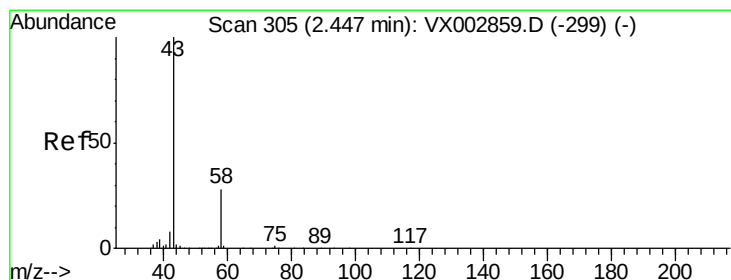
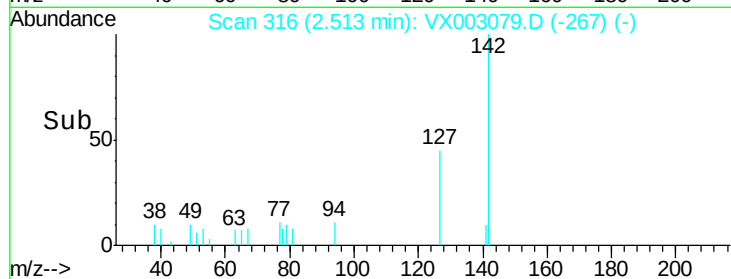
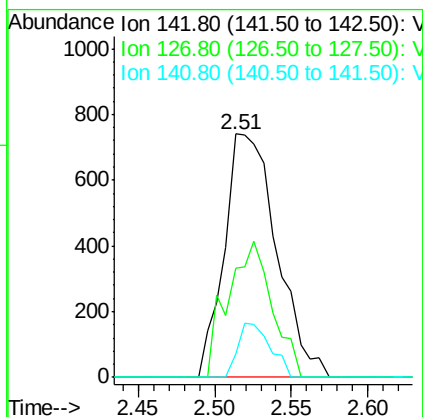
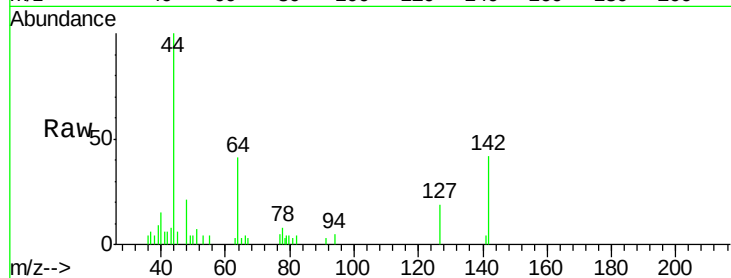




#10
Methvl Iodide
Concen: 6.75 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX003079.D
Acq: 30 Jun 2018 15:23

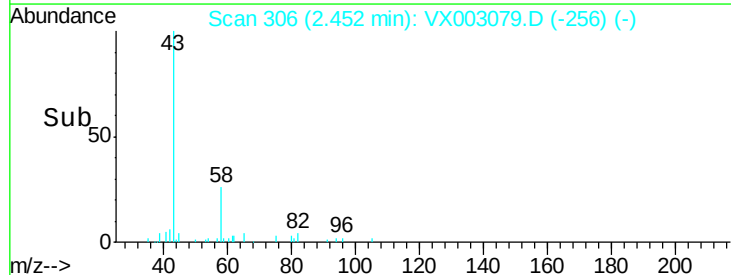
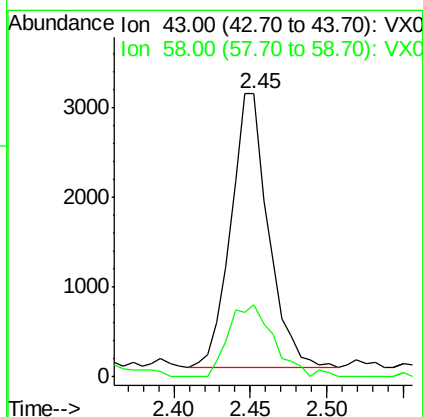
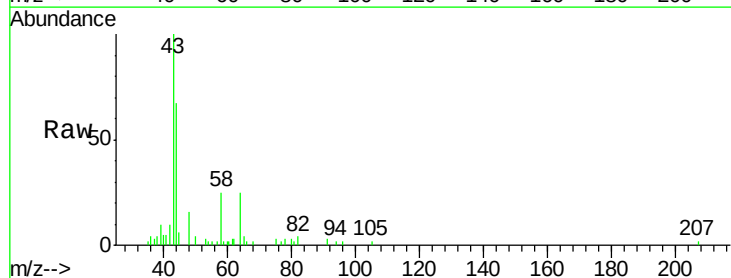
Instrument :
MSVOA_X
ClientSampleId :
S73-0222

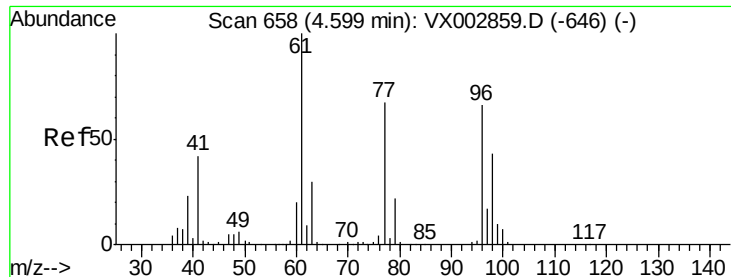
Tot Ion:142 Resp: 1761
Ion Ratio Lower Upper
142 100
127 47.3 36.6 55.0
141 13.7 11.3 16.9



#16
Acetone
Concen: 3.42 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX003079.D
Acq: 30 Jun 2018 15:23

Tgt Ion: 43 Resp: 5160
Ion Ratio Lower Upper
43 100
58 26.2 22.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 0.86 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003079.D

Acq: 30 Jun 2018 15:23

Instrument :

MSVOA_X

ClientSampleId :

S73-0222

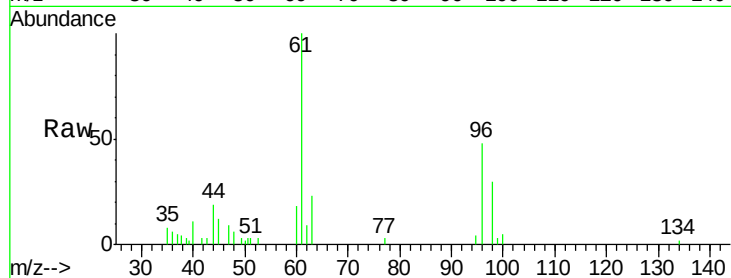
Tot Ion: 96 Resp: 2721

Ion Ratio Lower Upper

96 100

61 336.1 0.0 330.2#

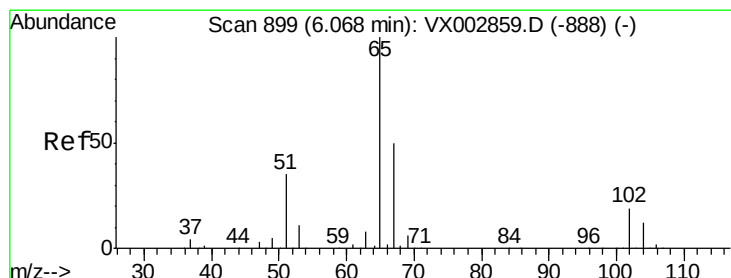
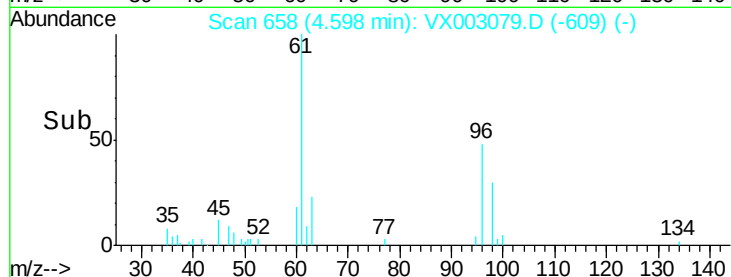
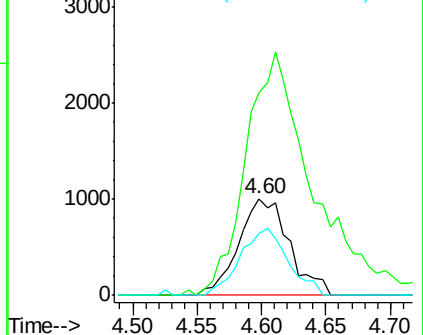
98 65.5 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.55 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003079.D

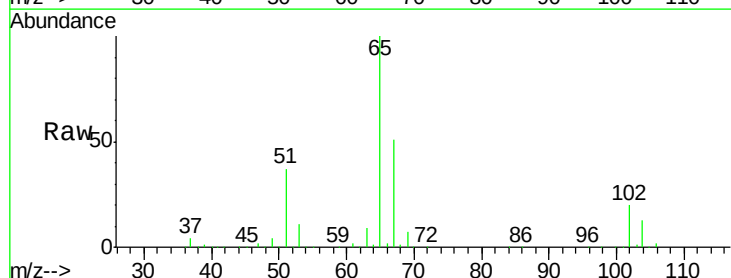
Acq: 30 Jun 2018 15:23

Tgt Ion: 65 Resp: 173030

Ion Ratio Lower Upper

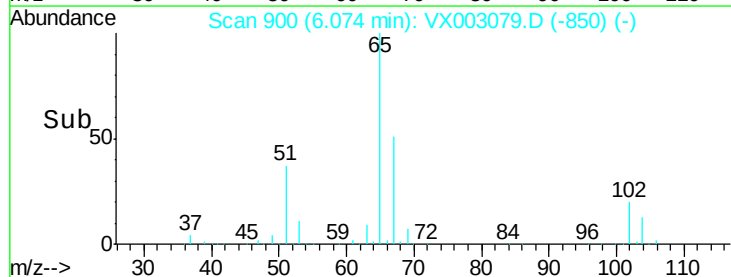
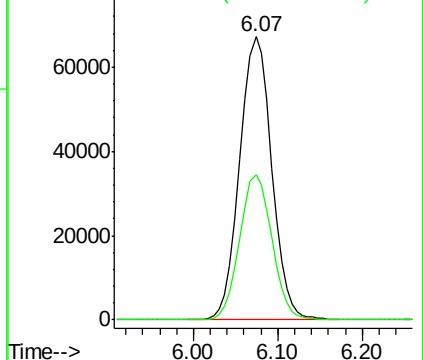
65 100

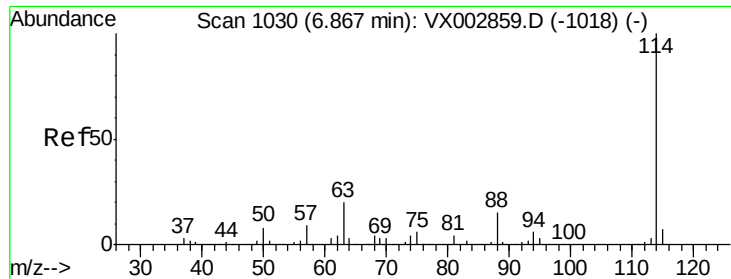
67 51.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003079.D

Acq: 30 Jun 2018 15:23

Instrument :

MSVOA_X

ClientSampleId :

S73-0222

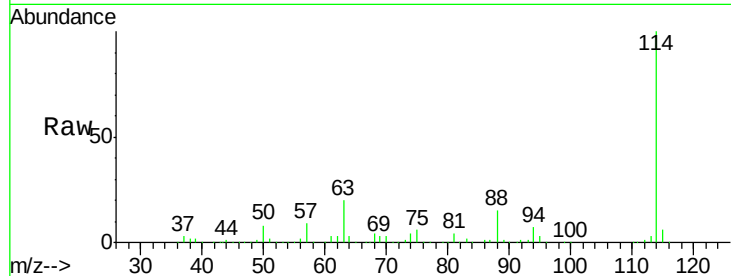
Tot Ion:114 Resp: 368734

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

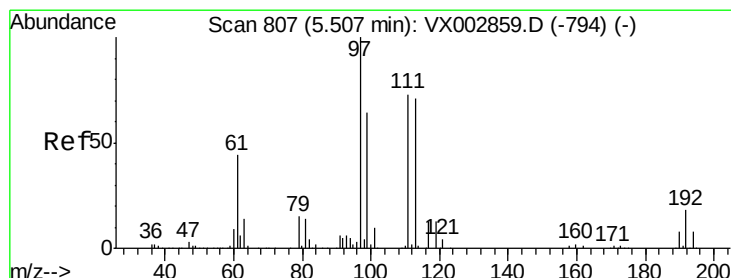
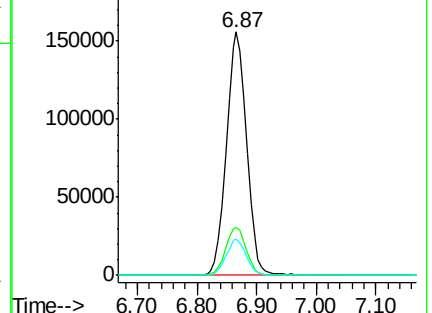
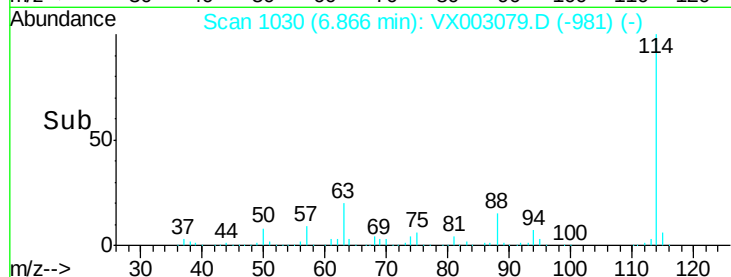
88 15.0 0.0 30.0



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: 48.53 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003079.D

Acq: 30 Jun 2018 15:23

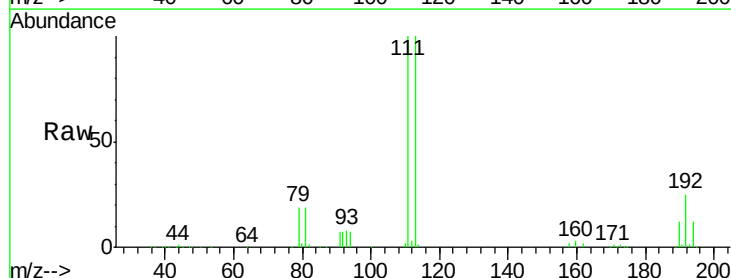
Tgt Ion:113 Resp: 141718

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

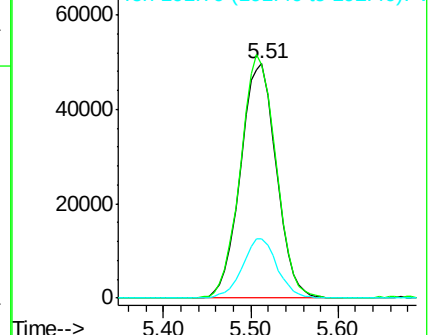
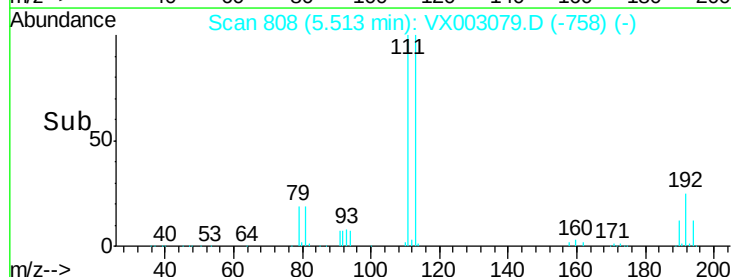
192 24.7 19.1 28.7

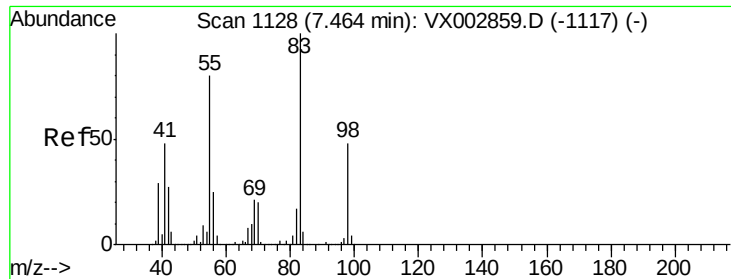


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

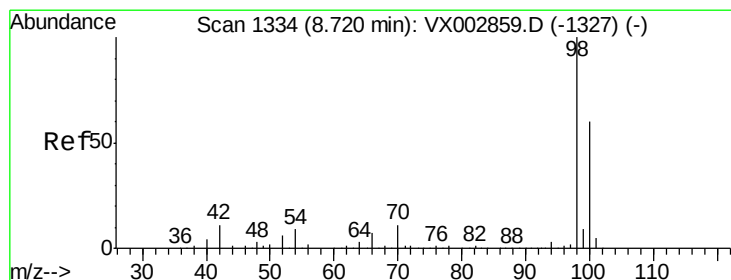
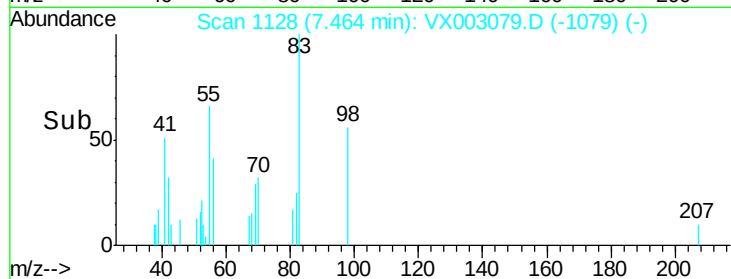
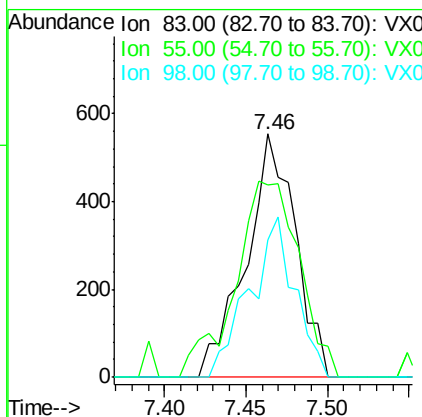
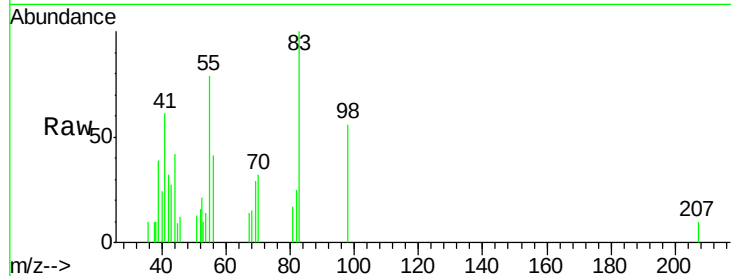




#39
Methylvlcyclohexane
Concen: 0.25 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003079.D
Acq: 30 Jun 2018 15:23

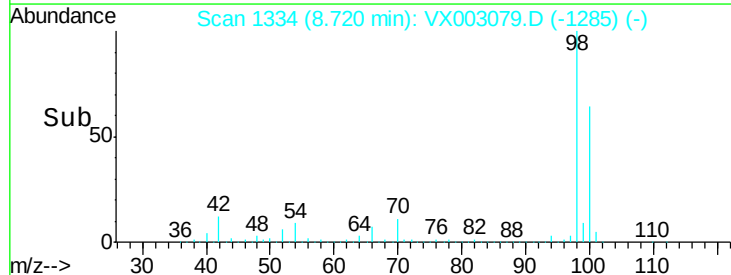
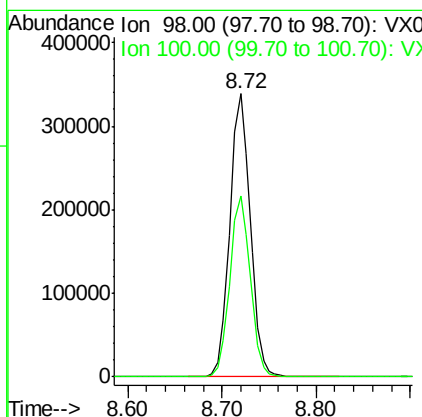
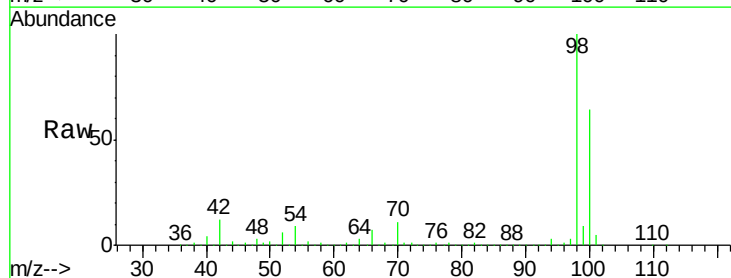
Instrument :
MSVOA_X
ClientSampled :
S73-0222

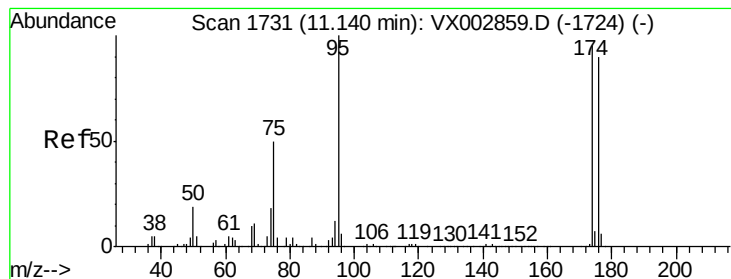
Tot Ion: 83 Resp: 1170
Ion Ratio Lower Upper
83 100
55 78.9 65.4 98.0
98 56.3 37.4 56.0#



#50
Toluene-d8
Concen: 48.21 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003079.D
Acq: 30 Jun 2018 15:23

Tgt Ion: 98 Resp: 514090
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 43.36 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003079.D

Acq: 30 Jun 2018 15:23

Instrument :

MSVOA_X

ClientSampleId :

S73-0222

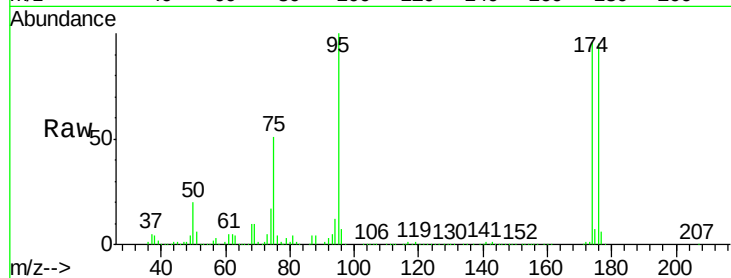
Tot Ion: 95 Resp: 178303

Ion Ratio Lower Upper

95 100

174 98.0 0.0 187.4

176 95.2 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)

11.14

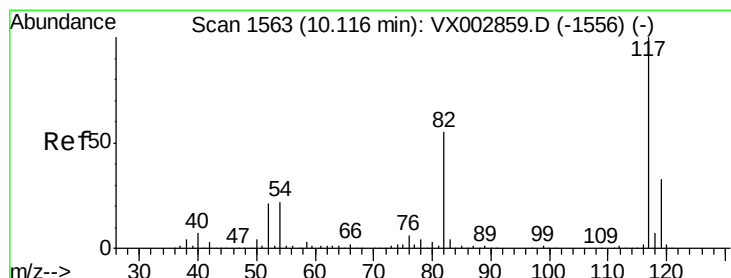
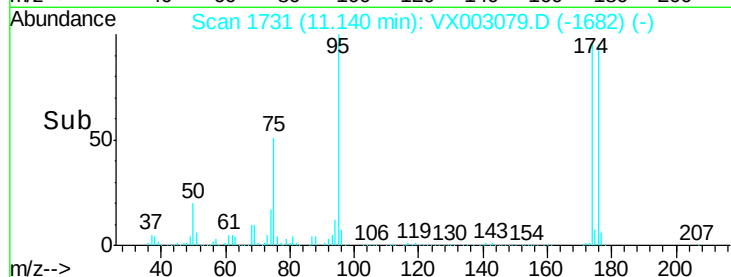
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003079.D

Acq: 30 Jun 2018 15:23

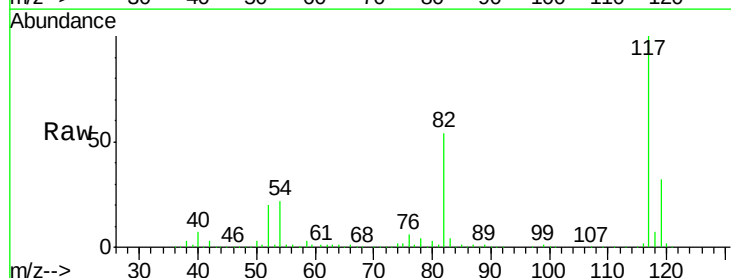
Tgt Ion: 117 Resp: 338063

Ion Ratio Lower Upper

117 100

82 54.4 45.0 67.4

119 32.5 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)

10.12

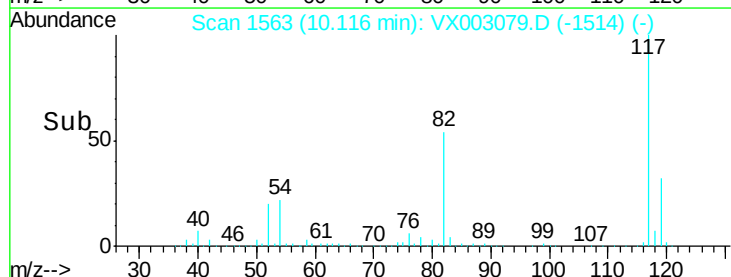
300000

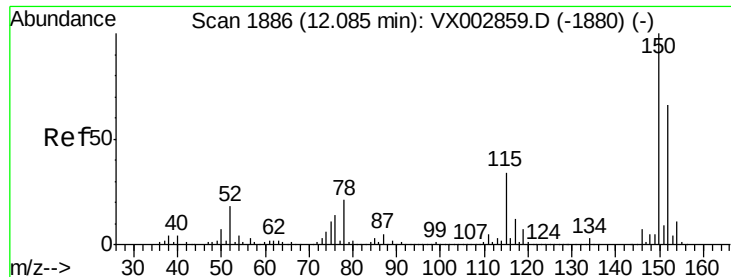
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003079.D

Acq: 30 Jun 2018 15:23

Instrument :

MSVOA_X

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S73-0222

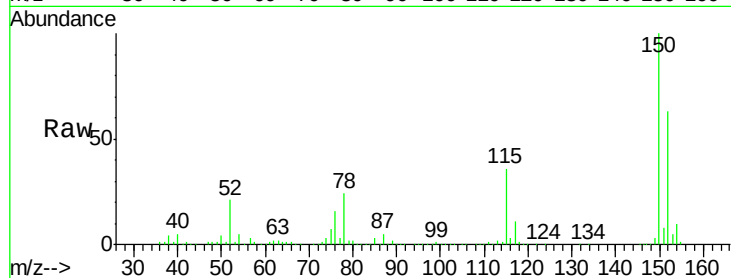
Tot Ion:152 Resp: 188885

Ion Ratio Lower Upper

152 100

115 54.0 40.1 120.2

150 156.2 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

