

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003075.D
 Acq On : 30 Jun 2018 13:37
 Operator : JC/MD
 Sample : J3675-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-EB-2018-1

Quant Time: Jul 02 03:23:20 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	292426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	404219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	371075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209410	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	187638	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	
35) Dibromofluoromethane	5.51	113	153685	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
50) Toluene-d8	8.72	98	559018	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.14	95	198050	43.93	ug/l	0.00
Spiked Amount			Recovery	=	87.86%	

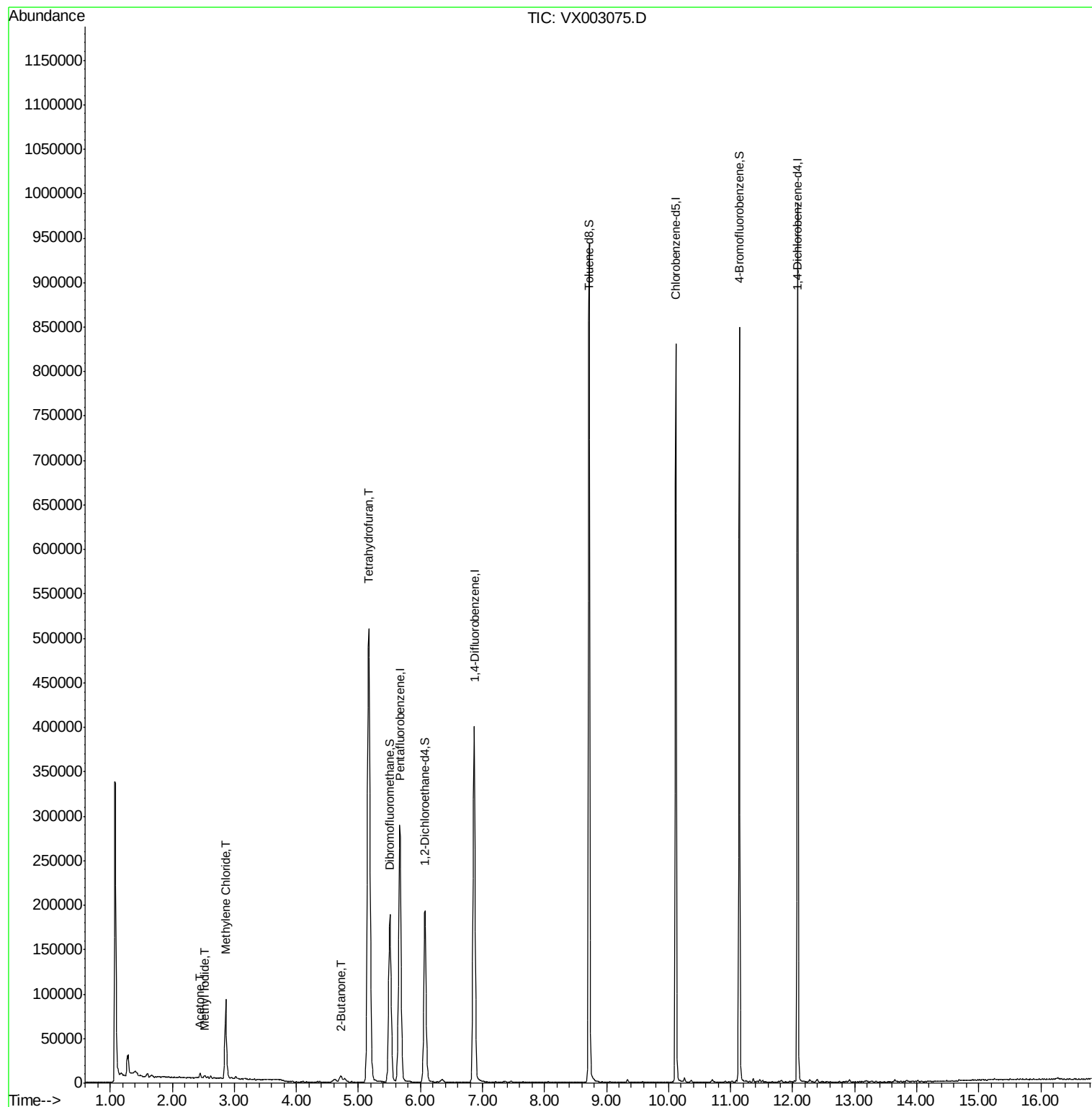
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	2702	6.95	ug/l #	89
16) Acetone	2.45	43	5047	3.02	ug/l	94
20) Methylene Chloride	2.86	84	42333	13.00	ug/l	92
25) 2-Butanone	4.71	43	12727	5.12	ug/l #	89
29) Tetrahydrofuran	5.17	42	470944	295.62	ug/l	98

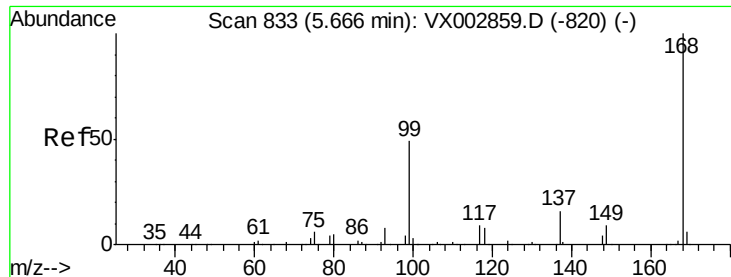
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 833

Delta R.T. -0.00 min

Lab File: VX003075.D

Acq: 30 Jun 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

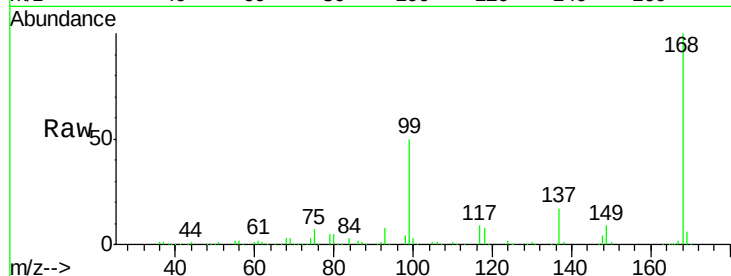
S73-EB-2018-1

Tot Ion:168 Resp: 292426

Ion Ratio Lower Upper

168 100

99 50.5 39.3 58.9

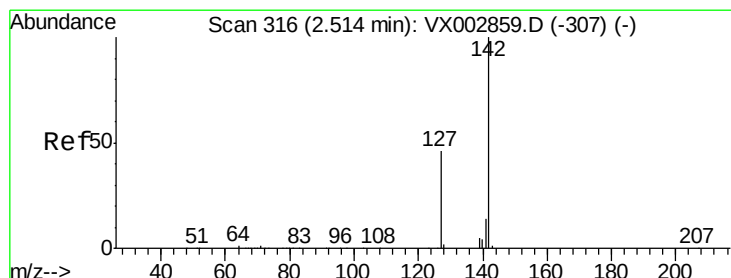
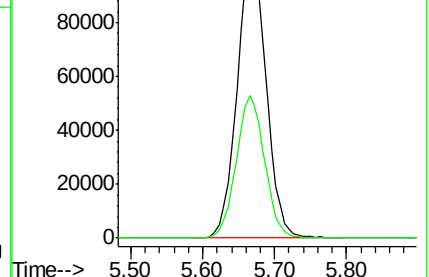
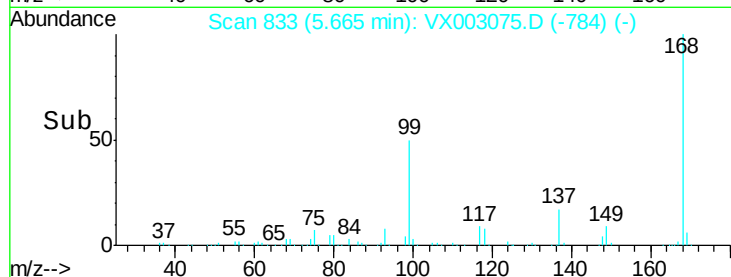


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#10

Methyl Iodide

Concen: 6.95 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003075.D

Acq: 30 Jun 2018 13:37

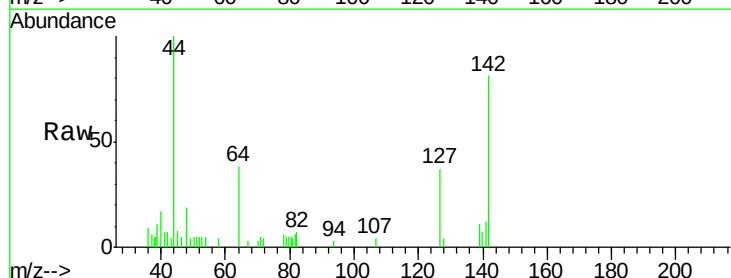
Tgt Ion:142 Resp: 2702

Ion Ratio Lower Upper

142 100

127 53.0 36.6 55.0

141 18.6 11.3 16.9#



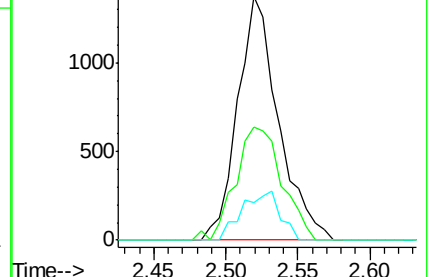
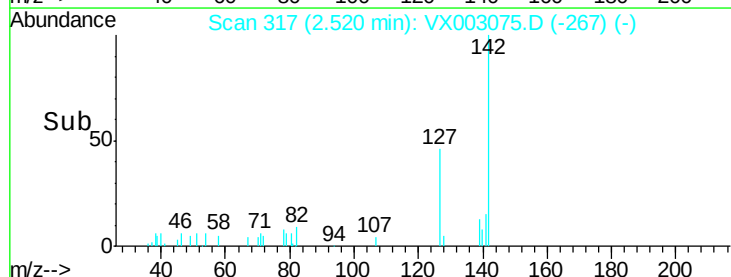
Abundance Ion 141.80 (141.50 to 142.50): V

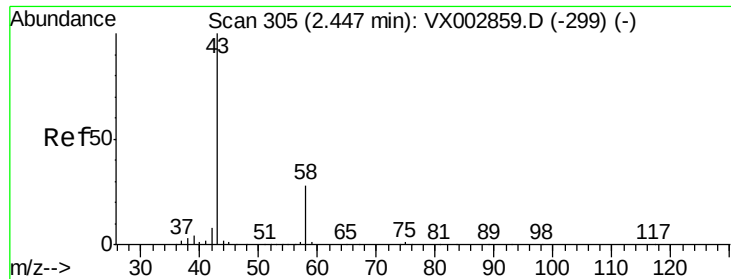
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.52

Time-->





#16

Acetone

Concen: 3.02 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003075.D

Acq: 30 Jun 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

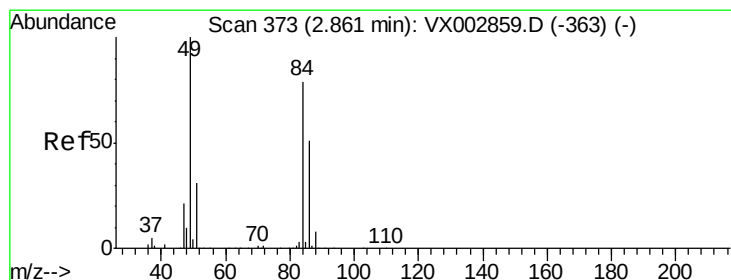
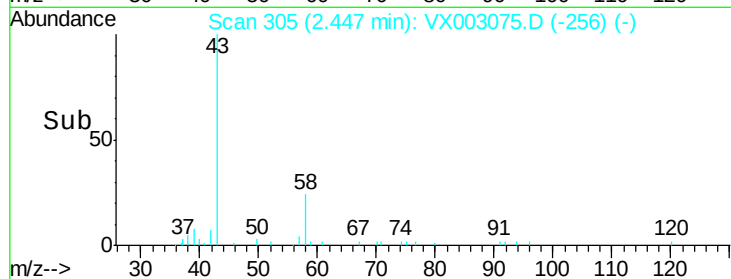
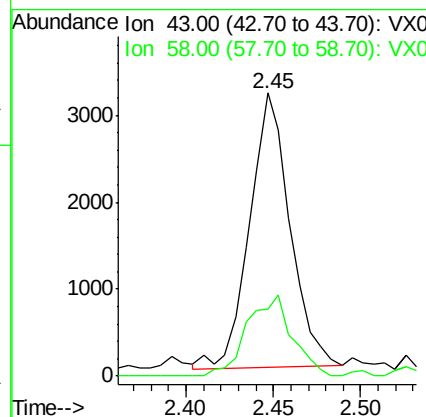
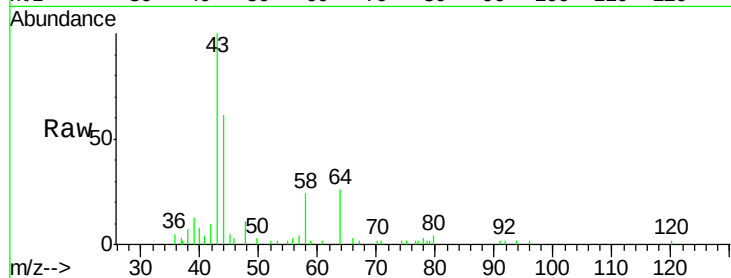
S73-EB-2018-1

Tot Ion: 43 Resp: 5047

Ion Ratio Lower Upper

43 100

58 24.6 22.1 33.1



#20

Methylene Chloride

Concen: 13.00 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX003075.D

Acq: 30 Jun 2018 13:37

Tgt Ion: 84 Resp: 42333

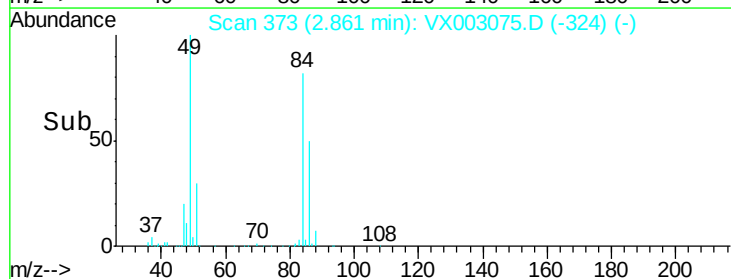
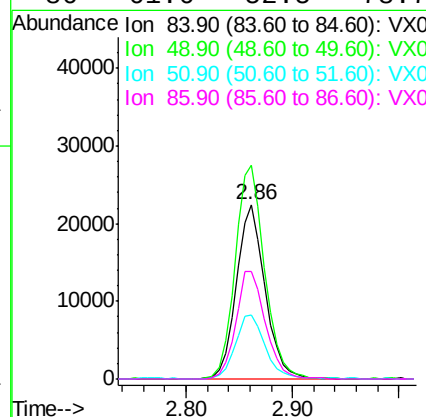
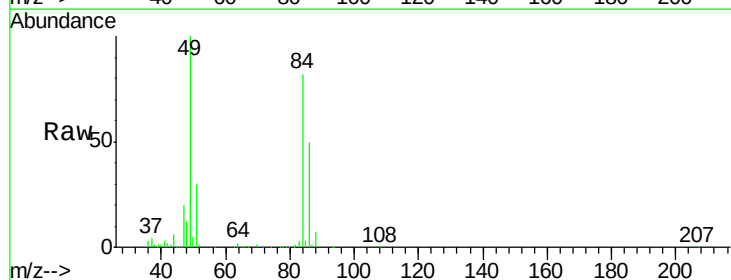
Ion Ratio Lower Upper

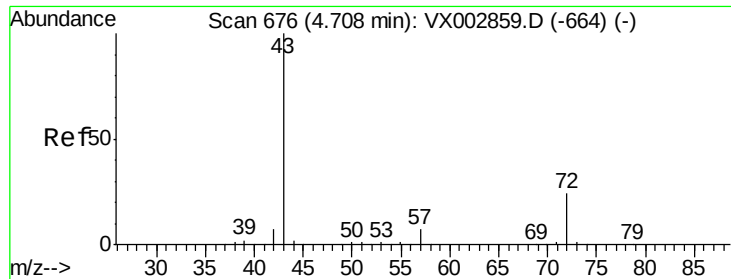
84 100

49 122.4 107.8 161.6

51 36.8 32.8 49.2

86 61.6 52.5 78.7





#25

2-Butanone

Concen: 5.12 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003075.D

Acq: 30 Jun 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

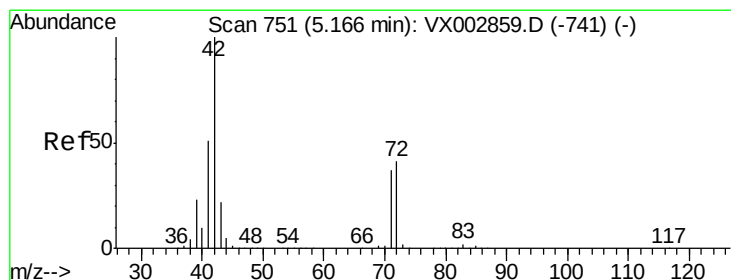
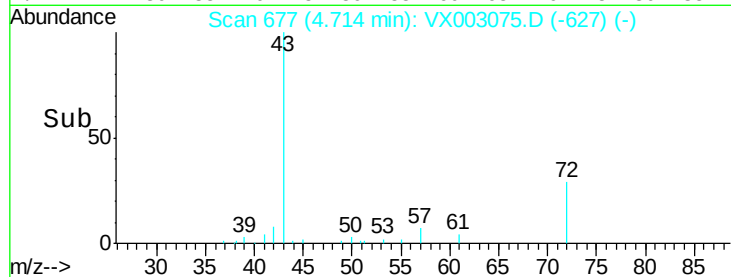
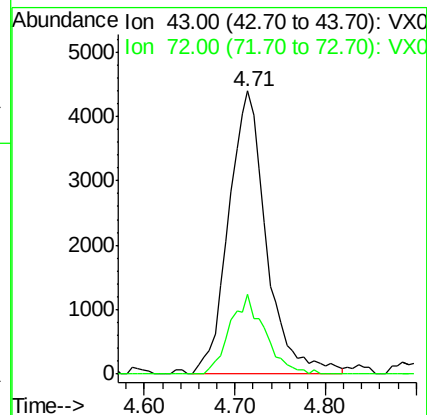
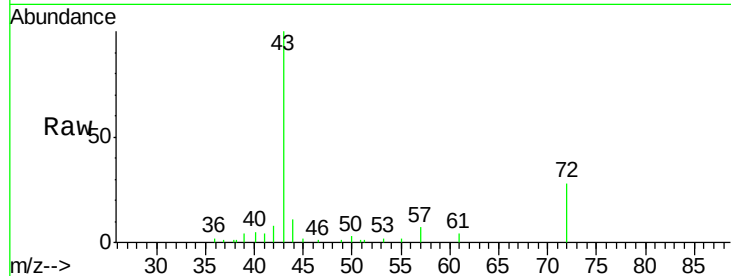
S73-EB-2018-1

Tot Ion: 43 Resp: 12727

Ion Ratio Lower Upper

43 100

72 28.4 18.5 27.7#



#29

Tetrahydrofuran

Concen: 295.62 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX003075.D

Acq: 30 Jun 2018 13:37

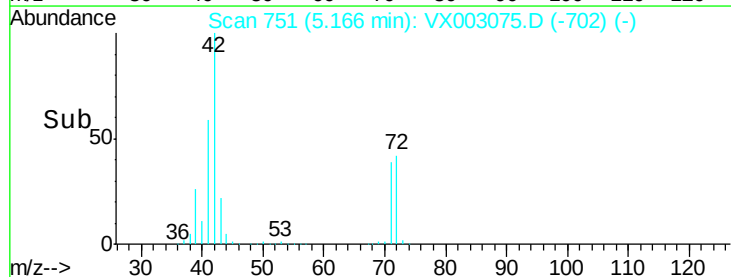
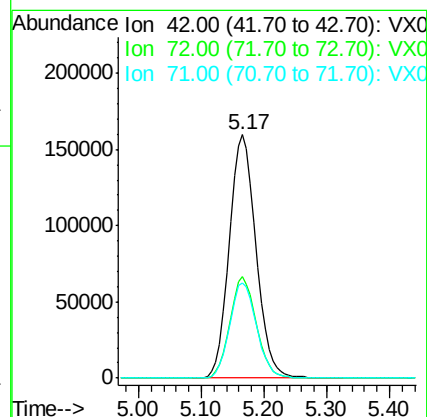
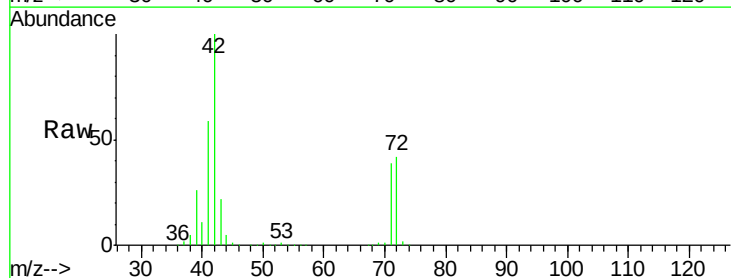
Tgt Ion: 42 Resp: 470944

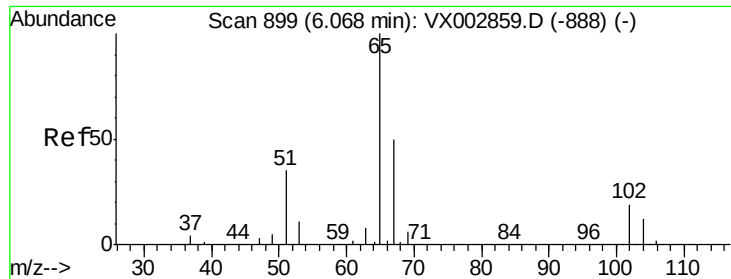
Ion Ratio Lower Upper

42 100

72 41.2 32.0 48.0

71 39.3 30.1 45.1

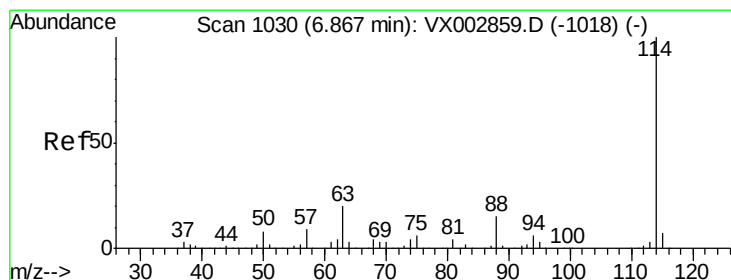
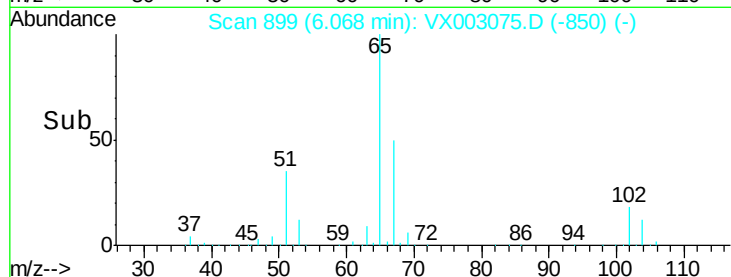
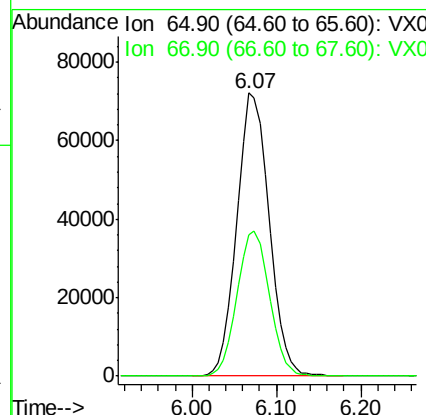
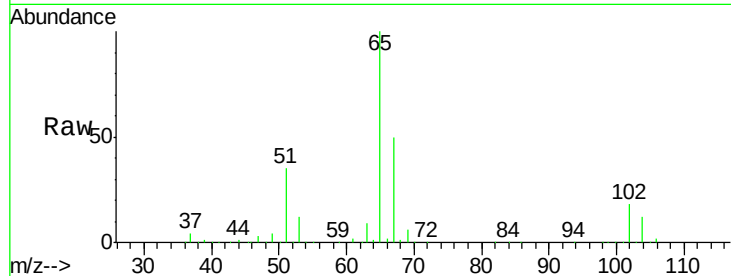




#33
 1,2-Dichloroethane-d4
 Concen: 46.42 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003075.D
 Acq: 30 Jun 2018 13:37

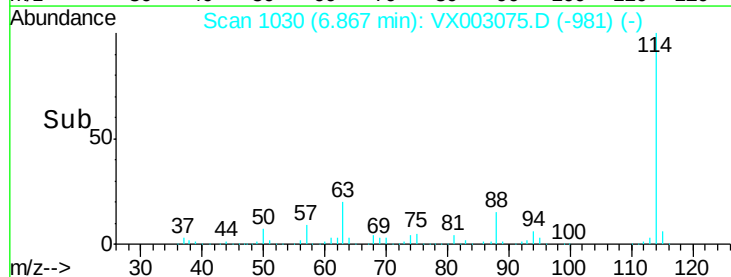
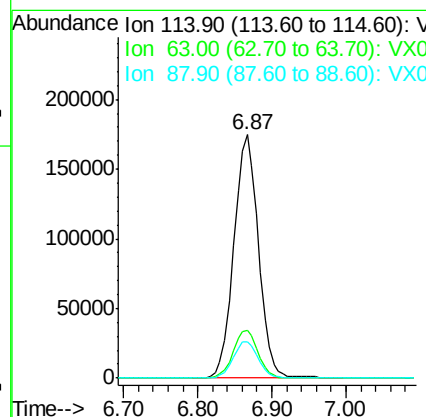
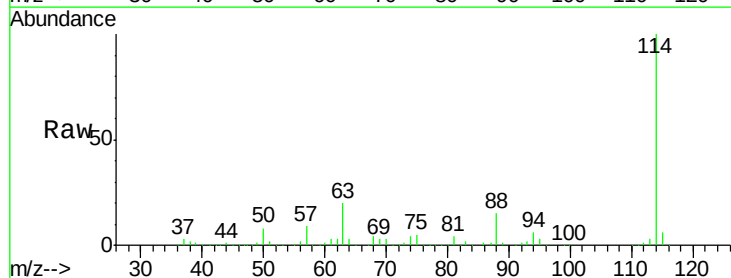
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-EB-2018-1

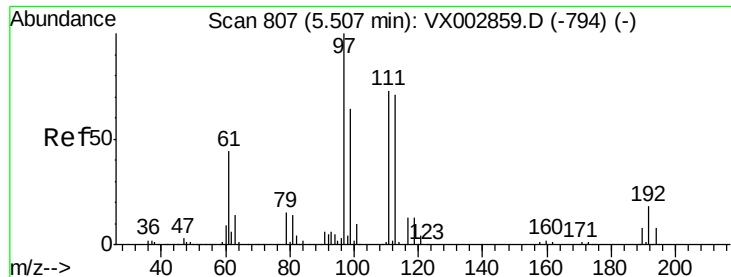
Tot Ion: 65 Resp: 187638
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003075.D
 Acq: 30 Jun 2018 13:37

Tgt Ion: 114 Resp: 404219
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.01 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003075.D

Acq: 30 Jun 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

S73-EB-2018-1

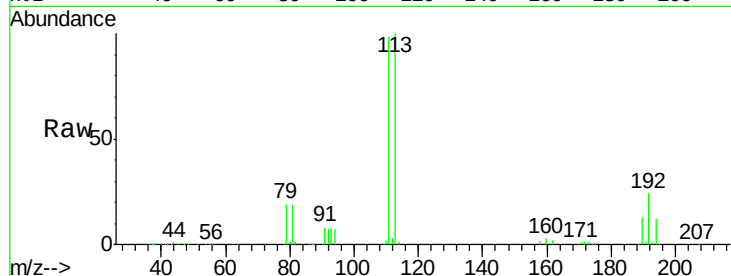
Tot Ion:113 Resp: 153685

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

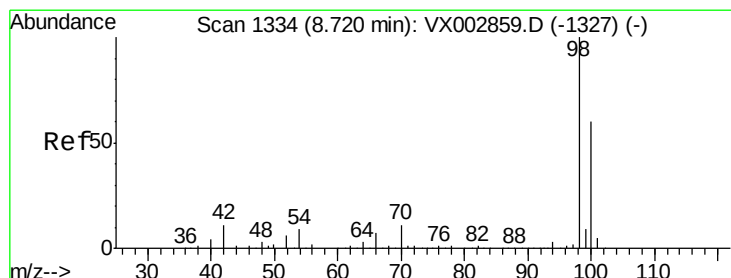
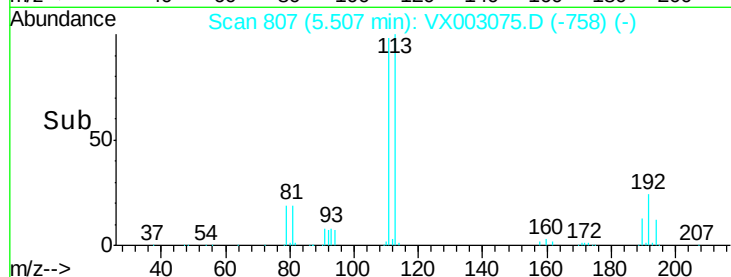
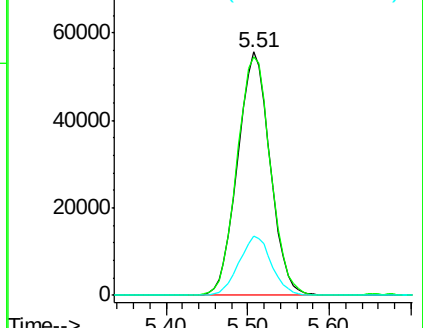
192 24.4 19.1 28.7



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



#50

Toluene-d8

Concen: 47.82 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003075.D

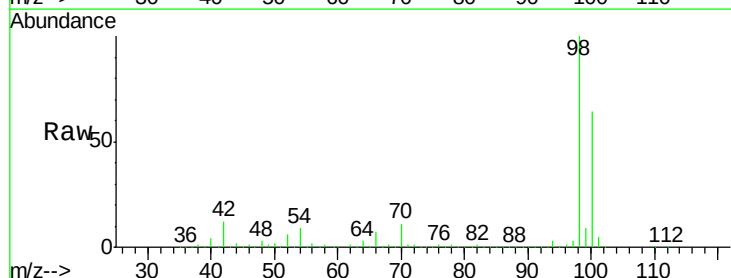
Acq: 30 Jun 2018 13:37

Tgt Ion: 98 Resp: 559018

Ion Ratio Lower Upper

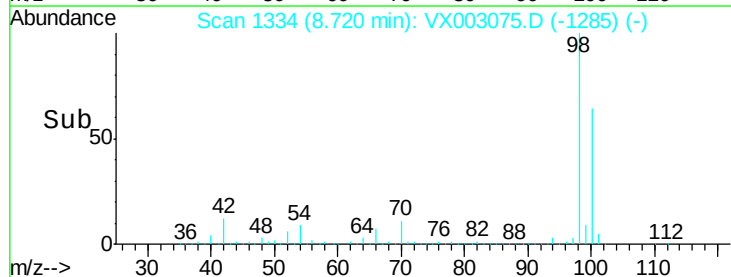
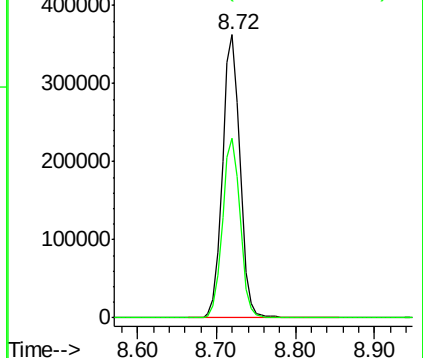
98 100

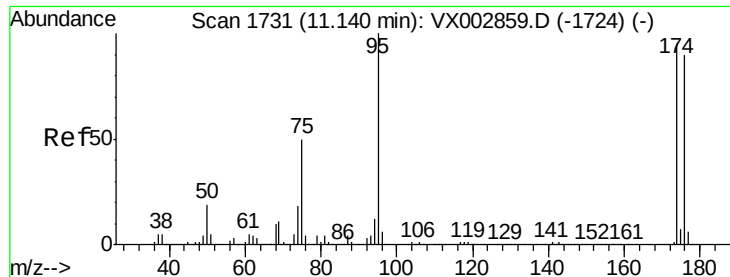
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

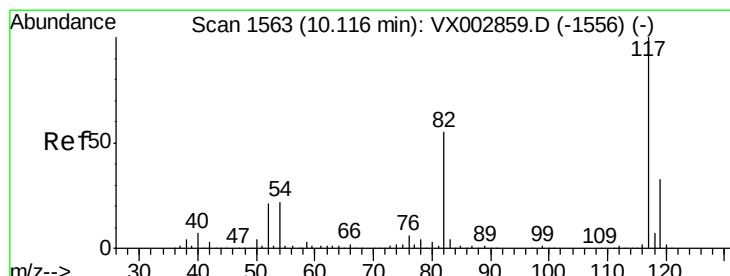
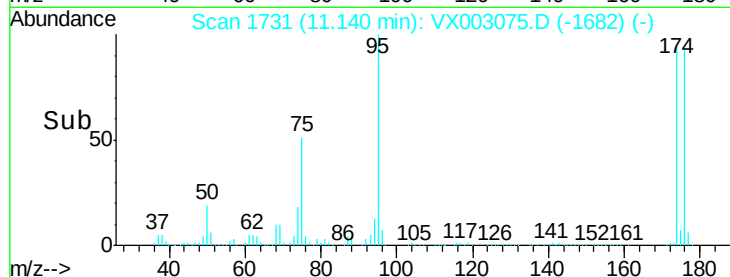
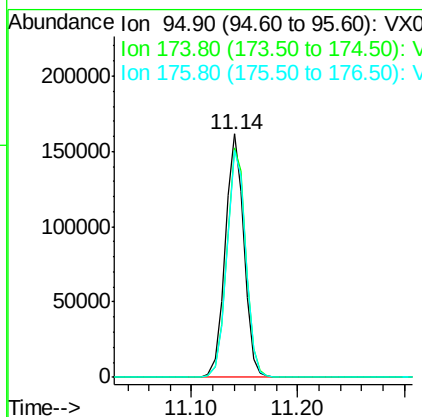
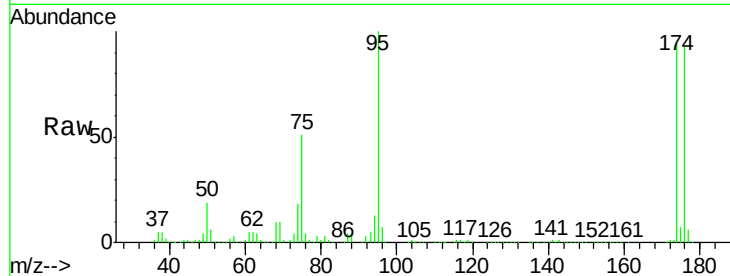




#62
4-Bromofluorobenzene
Concen: 43.93 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003075.D
Acq: 30 Jun 2018 13:37

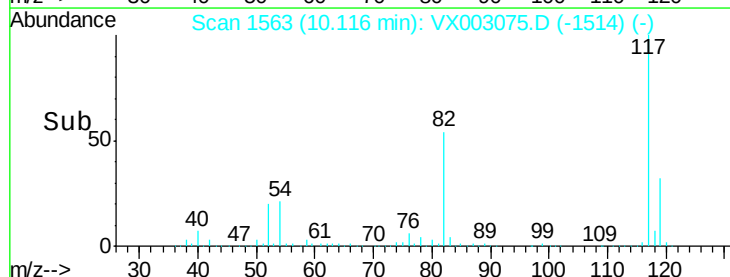
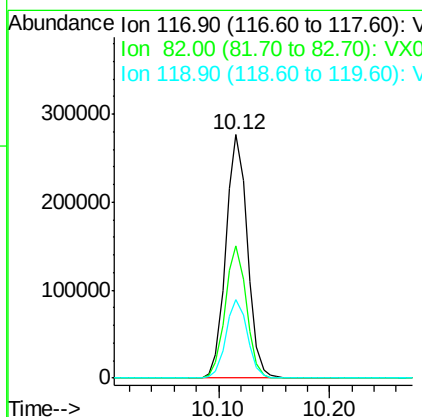
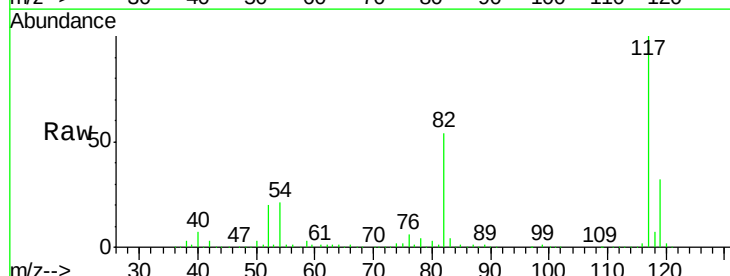
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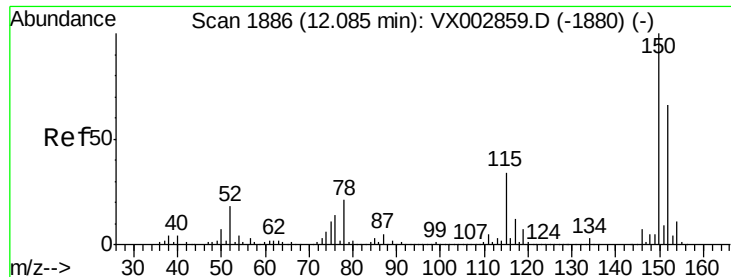
Tot Ion: 95 Resp: 198050
Ion Ratio Lower Upper
95 100
174 96.4 0.0 187.4
176 94.7 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003075.D
Acq: 30 Jun 2018 13:37

Tgt Ion: 117 Resp: 371075
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003075.D

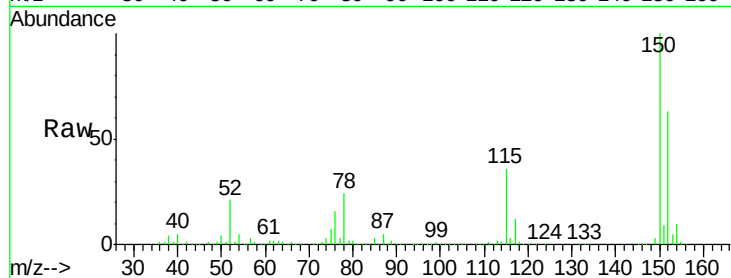
Acq: 30 Jun 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

S73-EB-2018-1



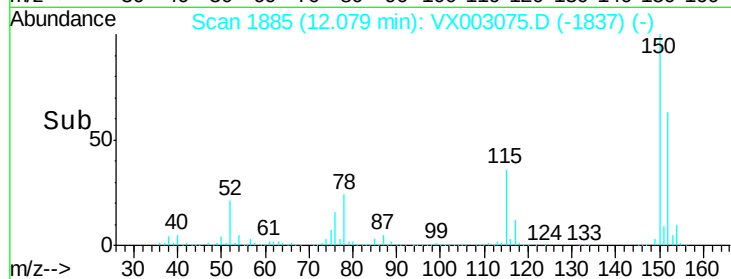
Tot Ion:152 Resp: 209410

Ion Ratio Lower Upper

152 100

115 54.1 40.1 120.2

150 154.9 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

