

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002839.D
 Acq On : 22 Jun 2018 19:06
 Operator : JC/MD
 Sample : J3631-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-EB-2018-1

Quant Time: Jun 23 00:54:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

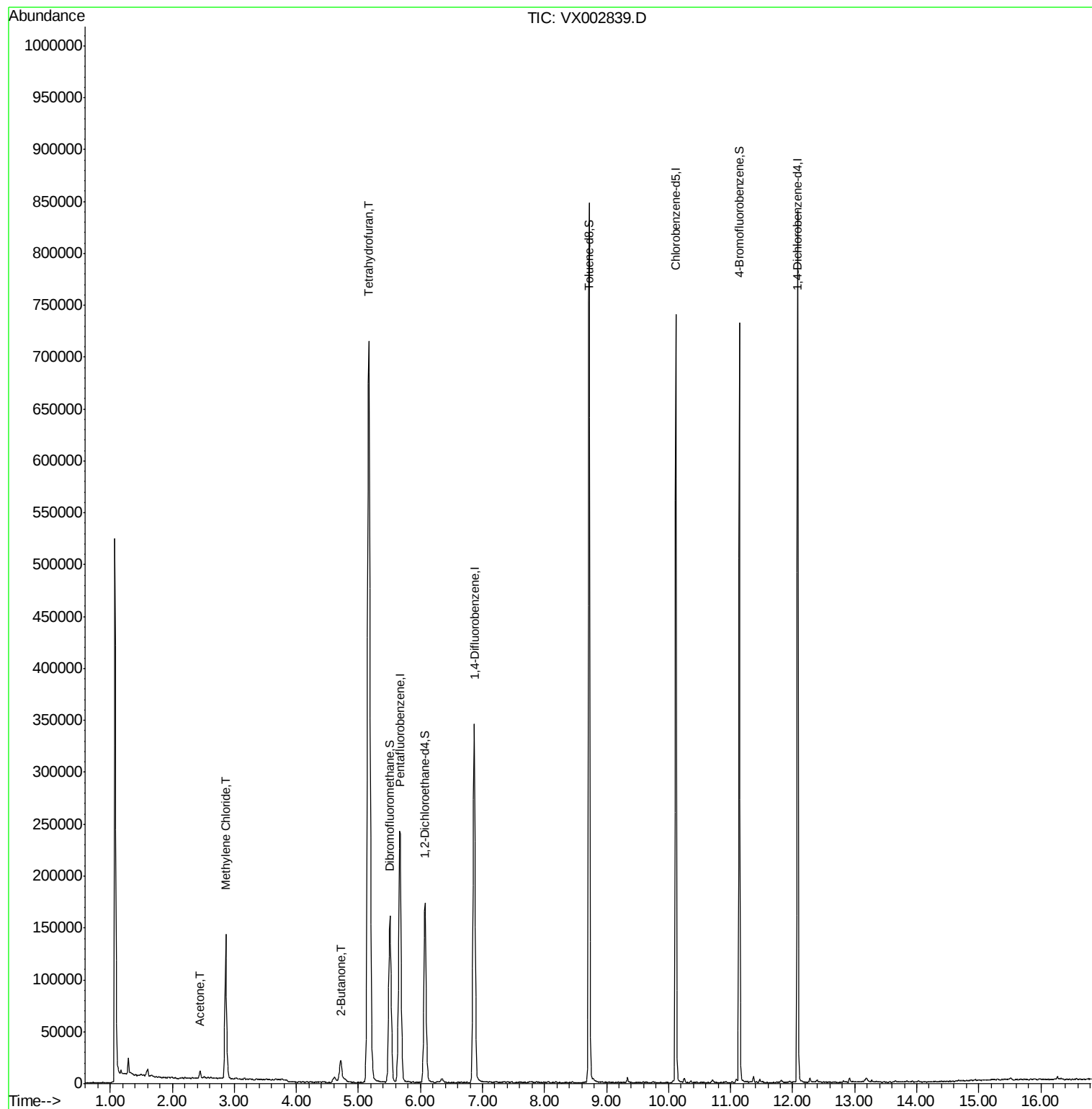
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339576	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165422	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
35) Dibromofluoromethane	5.51	113	129153	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	8.72	98	479929	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
62) 4-Bromofluorobenzene	11.14	95	167778	43.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.06%	
Target Compounds						
16) Acetone	2.45	43	8444	5.16	ug/l	95
20) Methylene Chloride	2.86	84	63556	18.96	ug/l	94
25) 2-Butanone	4.71	43	36966	17.21	ug/l	97
29) Tetrahydrofuran	5.17	42	655104	465.46	ug/l	98

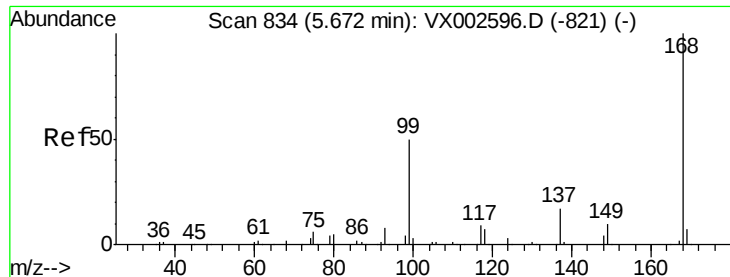
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002839.D

Acq: 22 Jun 2018 19:06

Instrument :

MSVOA_X

ClientSampleId :

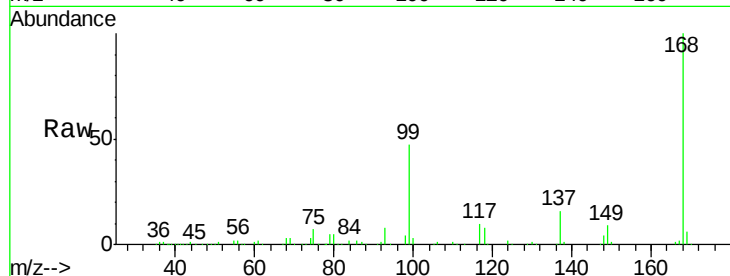
S83-EB-2018-1

Tot Ion:168 Resp: 243907

Ion Ratio Lower Upper

168 100

99 47.5 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

80000

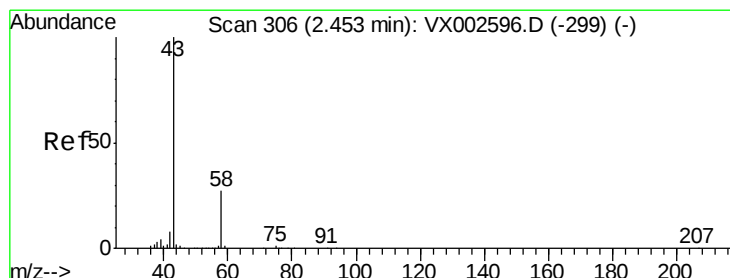
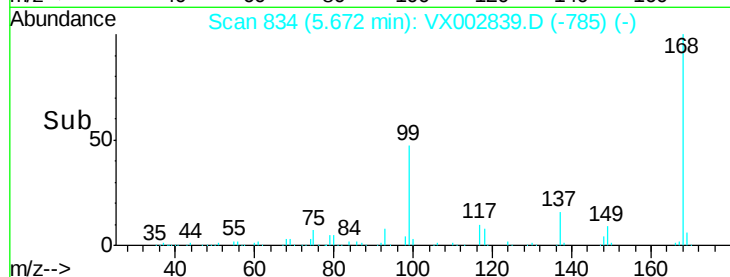
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.16 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002839.D

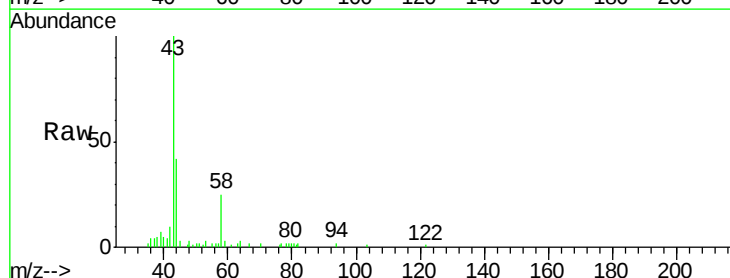
Acq: 22 Jun 2018 19:06

Tgt Ion: 43 Resp: 8444

Ion Ratio Lower Upper

43 100

58 25.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

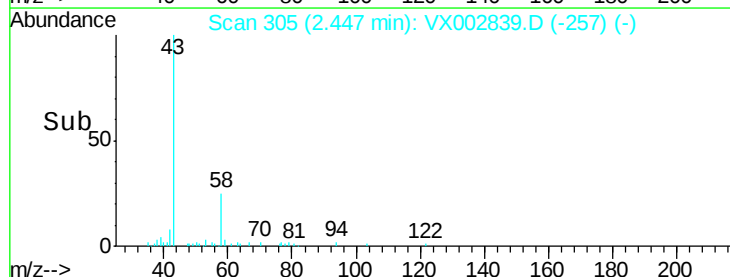
3000

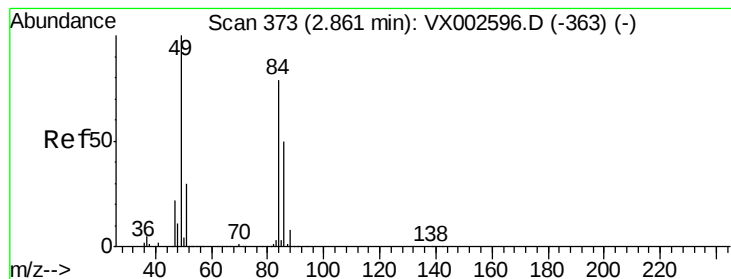
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#20

Methvlene Chloride

Concen: 18.96 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002839.D

Acq: 22 Jun 2018 19:06

Instrument :

MSVOA_X

ClientSampleId :

S83-EB-2018-1

Tot Ion: 84 Resp: 63556

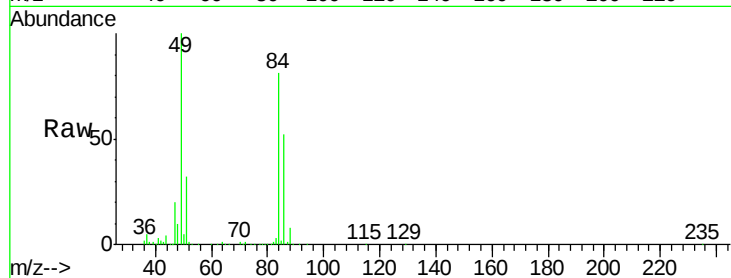
Ion	Ratio	Lower	Upper
84	100		
49	123.5	107.8	161.6
51	39.8	32.8	49.2
86	63.9	52.5	78.7

84 100

49 123.5 107.8 161.6

51 39.8 32.8 49.2

86 63.9 52.5 78.7



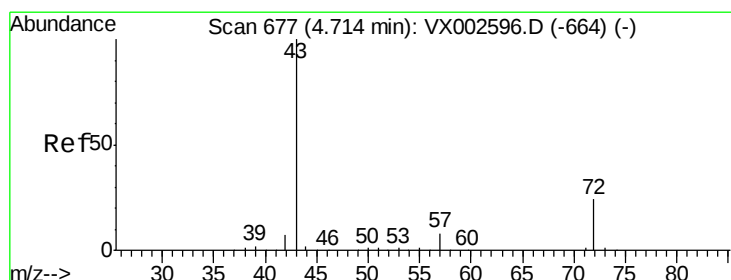
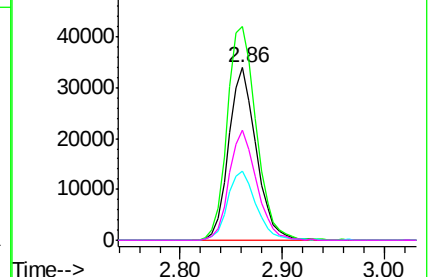
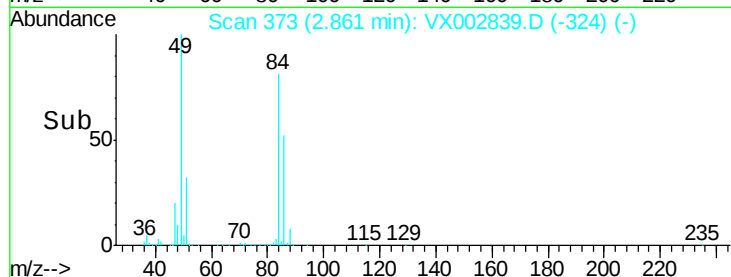
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

Time-->



#25

2-Butanone

Concen: 17.21 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002839.D

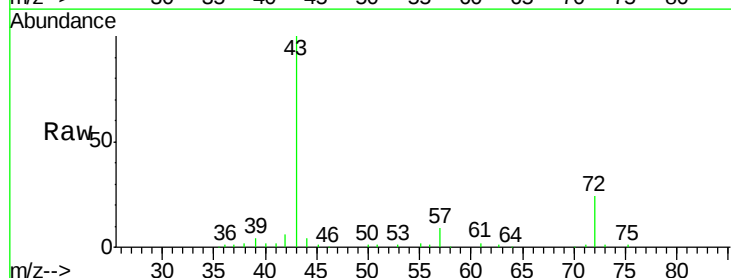
Acq: 22 Jun 2018 19:06

Tgt Ion: 43 Resp: 36966

Ion	Ratio	Lower	Upper
43	100		
72	24.5	18.5	27.7

43 100

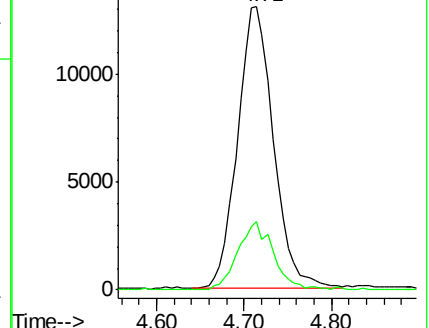
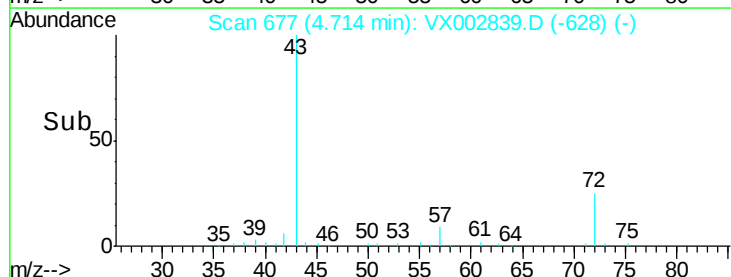
72 24.5 18.5 27.7

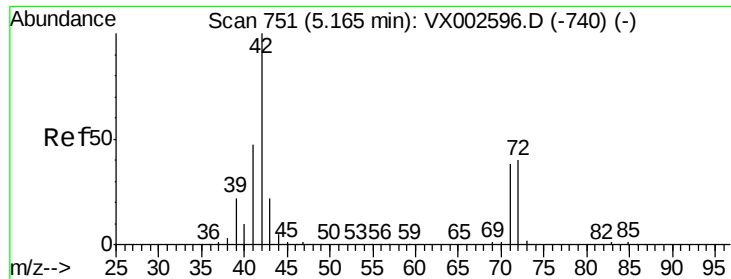


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Time-->

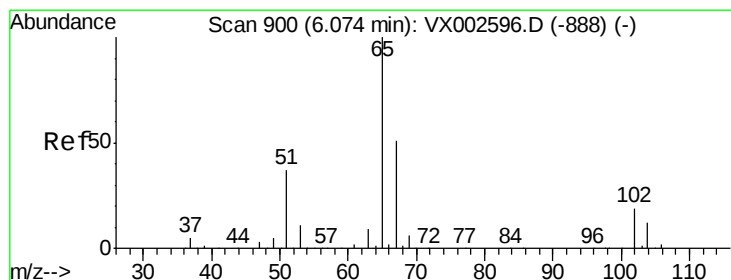
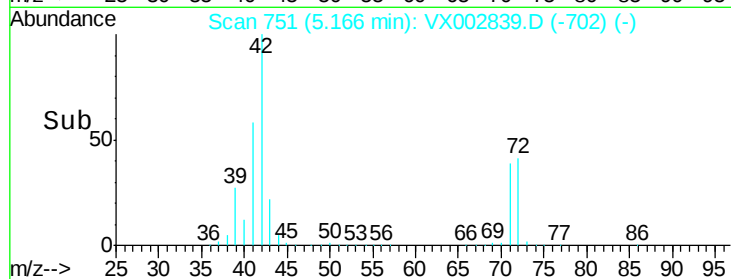
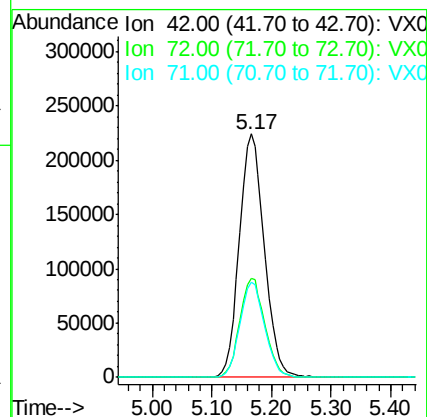
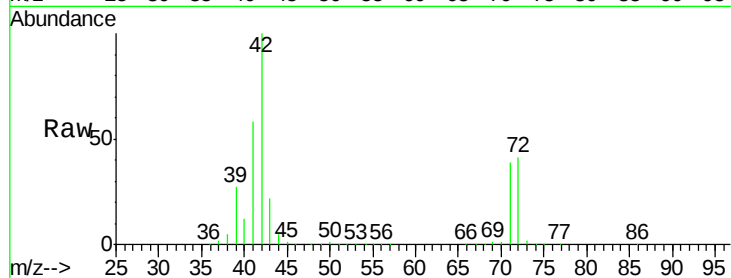




#29
Tetrahydrofuran
Concen: 465.46 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002839.D
Acq: 22 Jun 2018 19:06

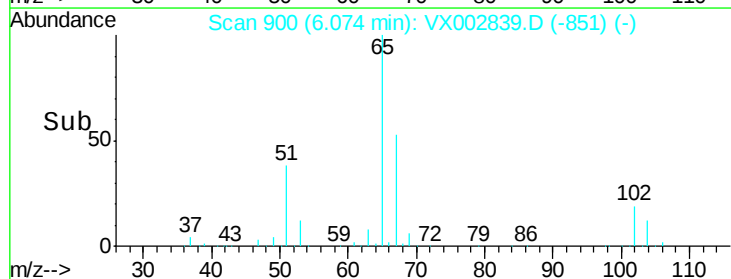
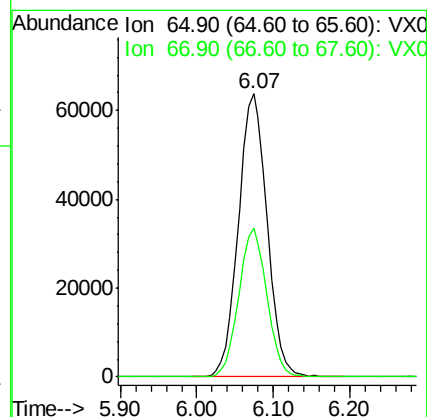
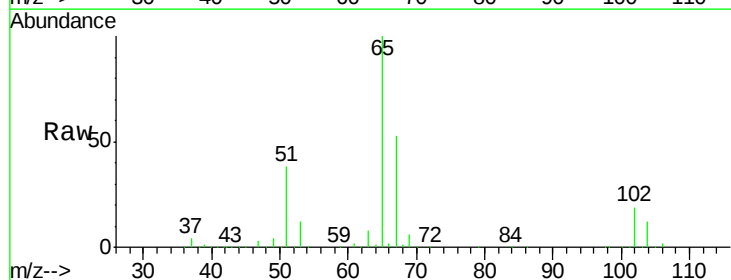
Instrument :
MSVOA_X
ClientSampleId :
S83-EB-2018-1

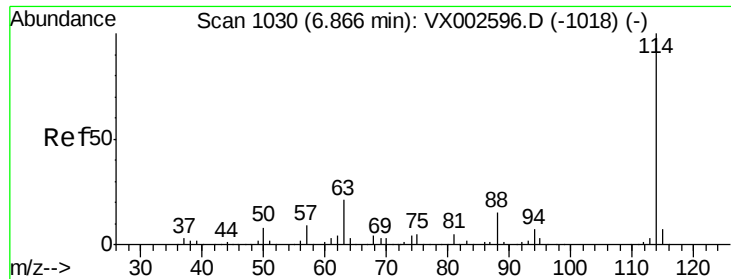
Tot Ion: 42 Resp: 655104
Ion Ratio Lower Upper
42 100
72 40.8 32.0 48.0
71 38.9 30.1 45.1



#33
1,2-Dichloroethane-d4
Concen: 44.63 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002839.D
Acq: 22 Jun 2018 19:06

Tgt Ion: 65 Resp: 165422
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.6

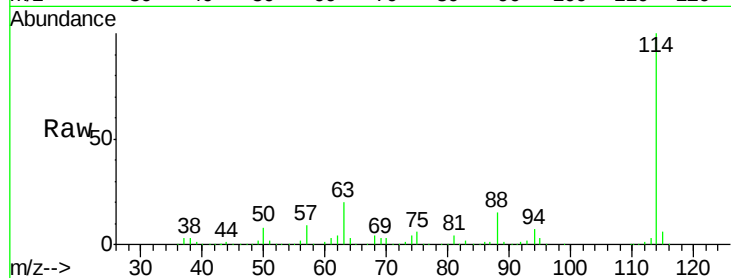




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002839.D
 Acq: 22 Jun 2018 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-EB-2018-1

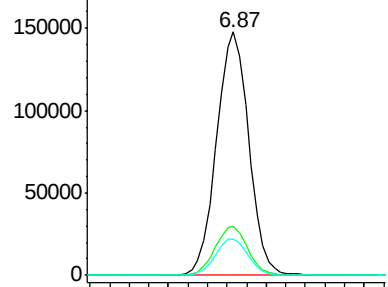
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.4
88	14.9	0.0	30.0



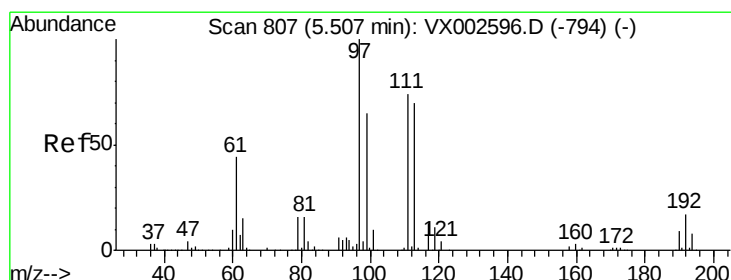
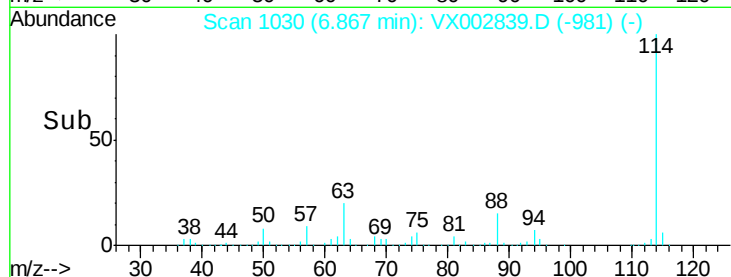
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

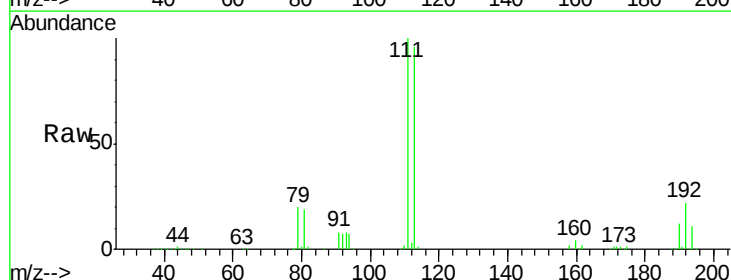


Time-->



#35
 Dibromofluoromethane
 Concen: 47.66 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002839.D
 Acq: 22 Jun 2018 19:06

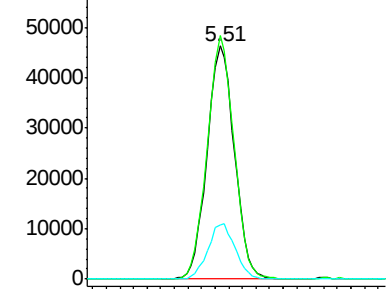
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	23.6	19.1	28.7



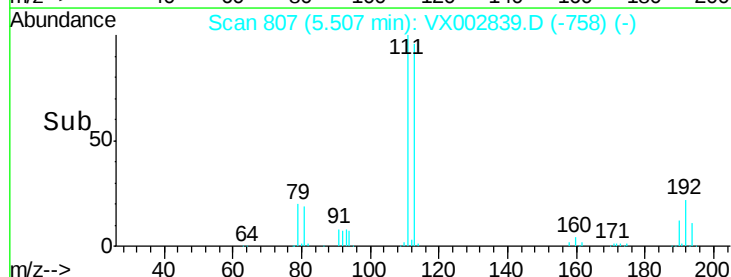
Abundance Ion 112.80 (112.50 to 113.50): V

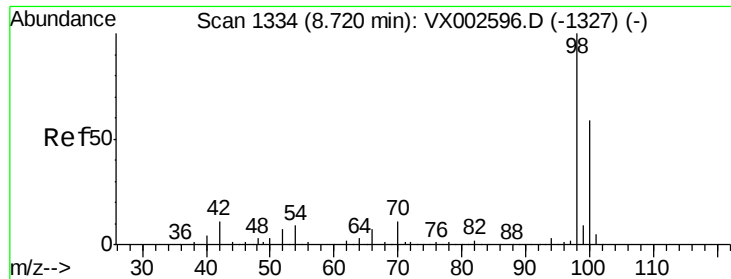
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->

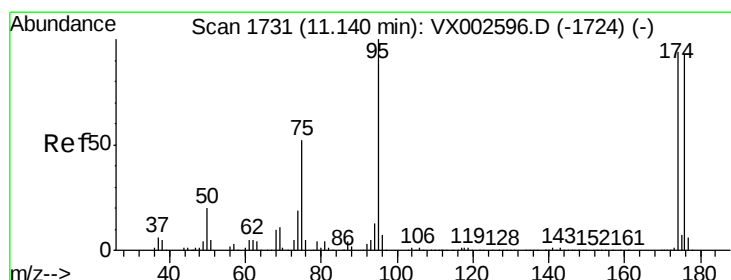
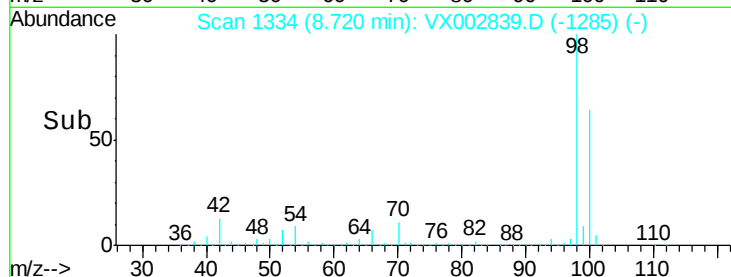
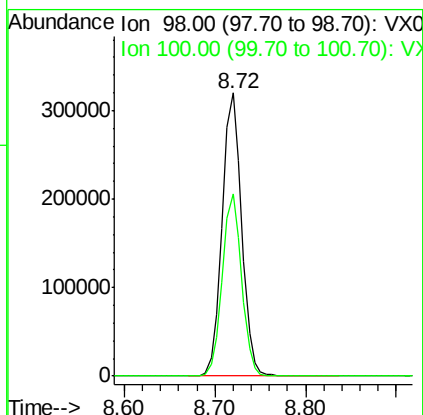
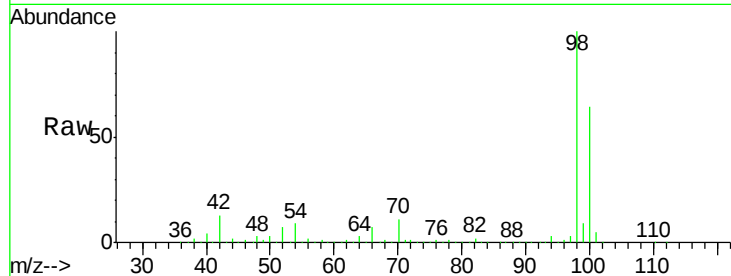




#50
Toluene-d8
Concen: 46.64 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002839.D
Acq: 22 Jun 2018 19:06

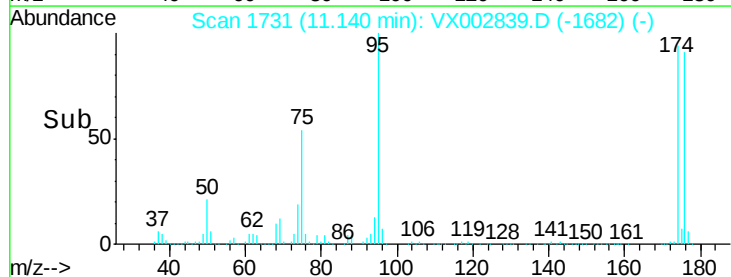
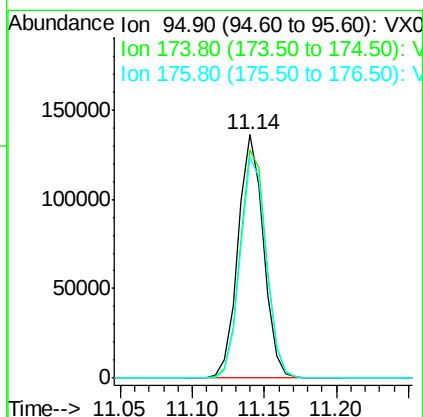
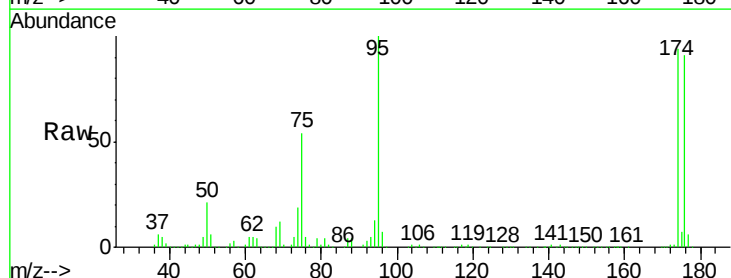
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S83-EB-2018-1

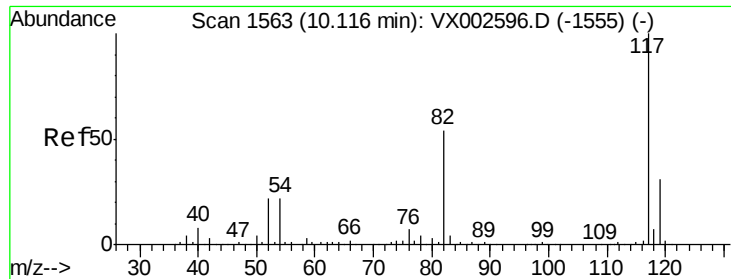
Tot Ion: 98 Resp: 479929
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.03 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002839.D
Acq: 22 Jun 2018 19:06

Tgt Ion: 95 Resp: 167778
Ion Ratio Lower Upper
95 100
174 96.3 0.0 187.4
176 92.0 0.0 181.0

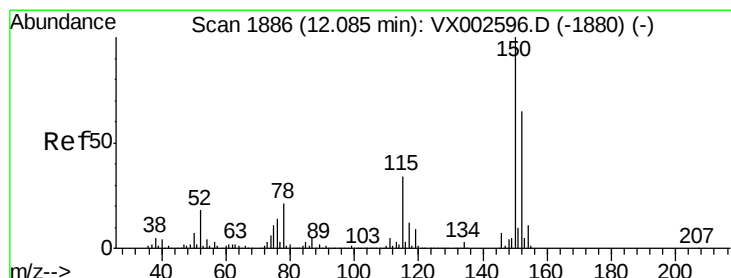
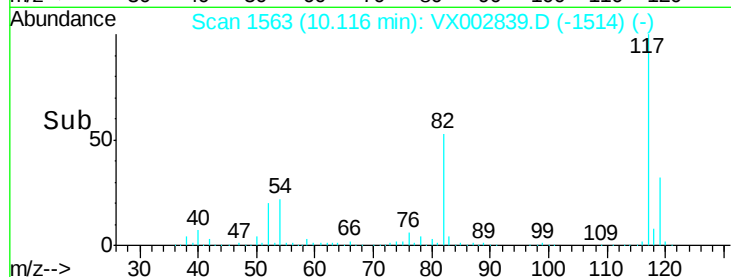
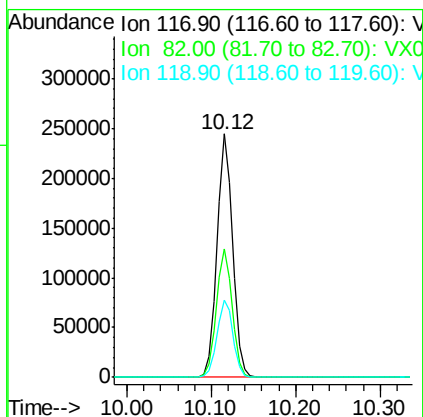
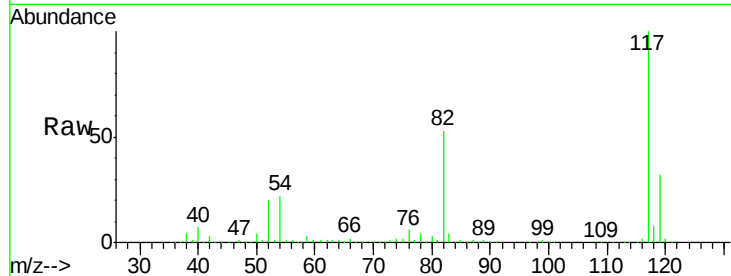




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002839.D
Acq: 22 Jun 2018 19:06

Instrument :
MSVOA_X
ClientSampled :
S83-EB-2018-1

Tot Ion:117 Resp: 316089
Ion Ratio Lower Upper
117 100
82 53.0 45.0 67.4
119 31.6 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: VX002839.D
Acq: 22 Jun 2018 19:06

Tgt Ion:152 Resp: 174670
Ion Ratio Lower Upper
152 100
115 54.5 40.1 120.2
150 156.2 0.0 347.2

