

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX070218\
 Data File : VX003129.D
 Acq On : 02 Jul 2018 16:10
 Operator : JC/MD
 Sample : J3772-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-GMZ5-ER1

Quant Time: Jul 13 12:24:26 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

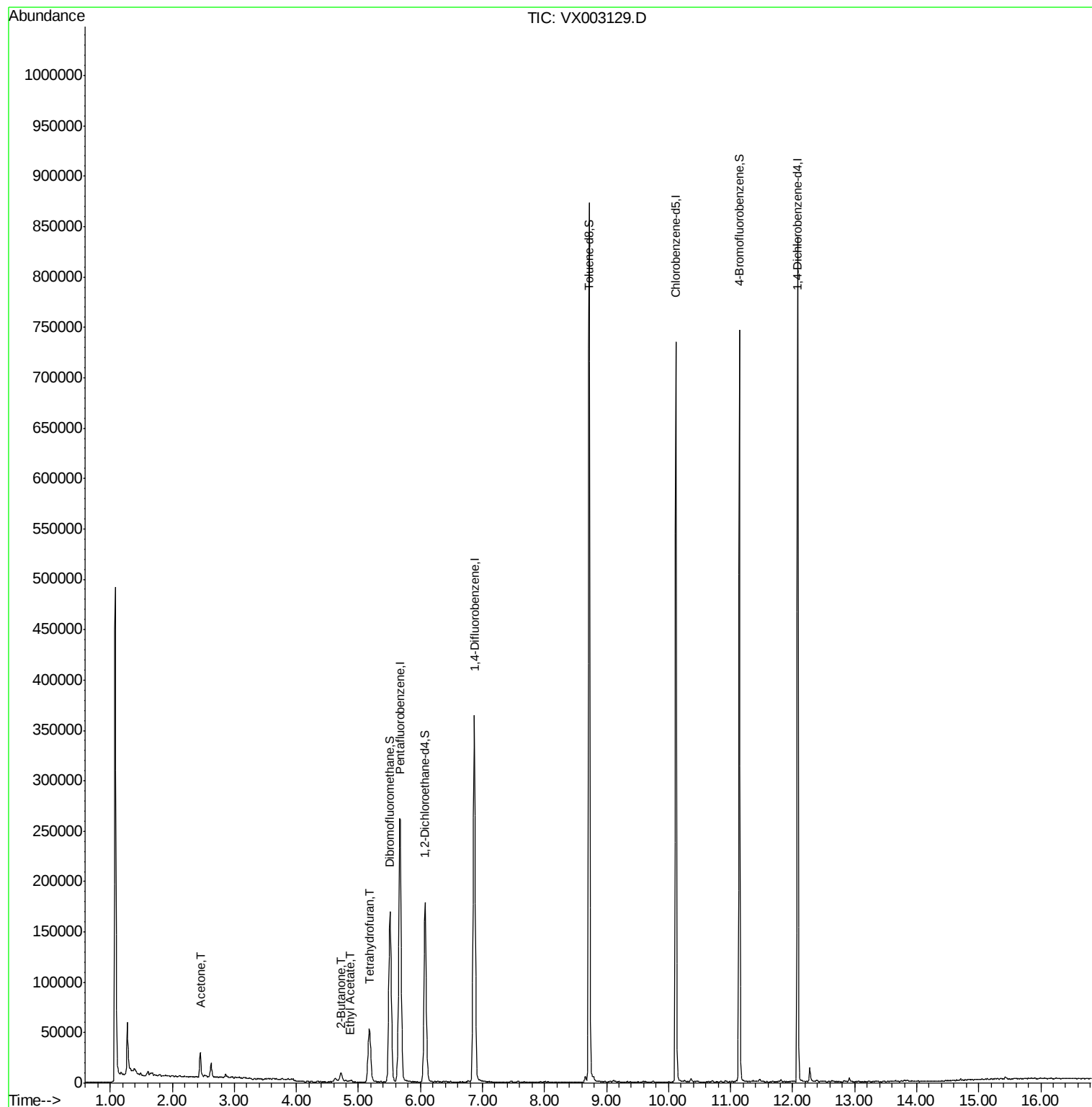
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365960	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	168038	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	
35) Dibromofluoromethane	5.51	113	141037	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
50) Toluene-d8	8.72	98	505185	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	11.14	95	175689	43.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.10%	
Target Compounds						
16) Acetone	2.45	43	26827	17.41	ug/l	98
25) 2-Butanone	4.72	43	15301	6.69	ug/l	97
29) Tetrahydrofuran	5.18	42	48082	32.78	ug/l	95
37) Ethyl Acetate	4.87	43	3322	0.77	ug/l #	94

(#) = 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. 0.01 min

Lab File: VX003129.D

Acq: 02 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

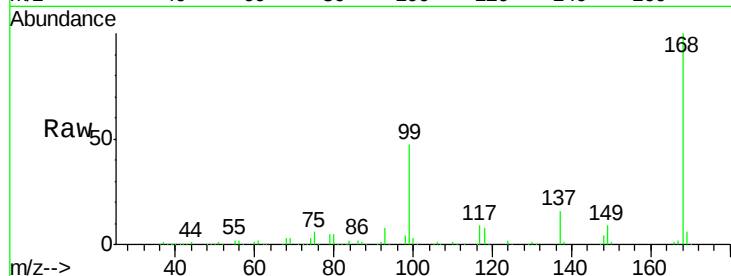
SP18-GMZ5-ER1

Tot Ion:168 Resp: 269271

Ion Ratio Lower Upper

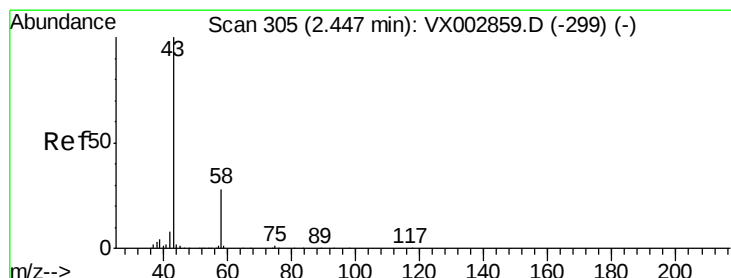
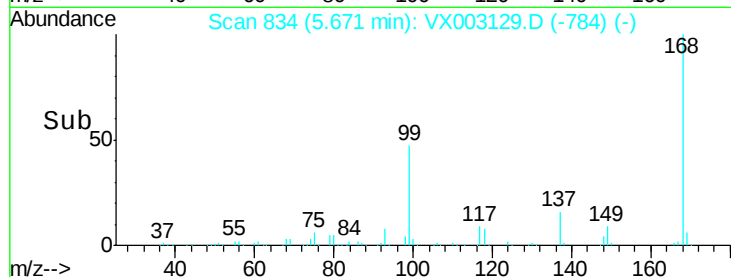
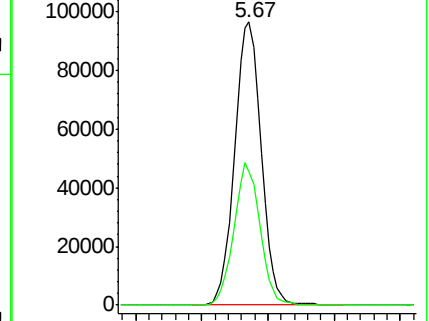
168 100

99 47.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 17.41 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003129.D

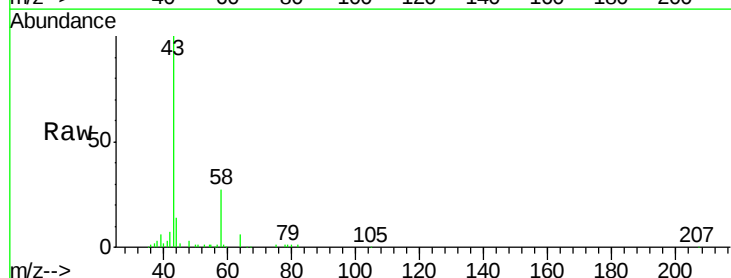
Acq: 02 Jul 2018 16:10

Tgt Ion: 43 Resp: 26827

Ion Ratio Lower Upper

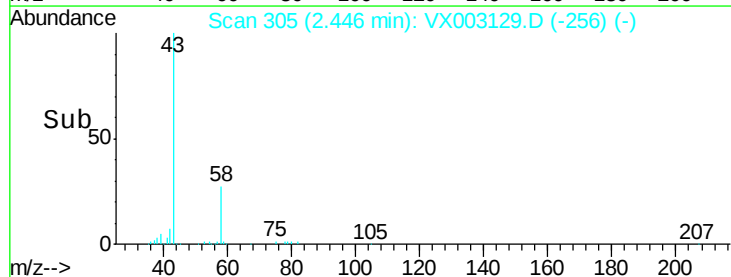
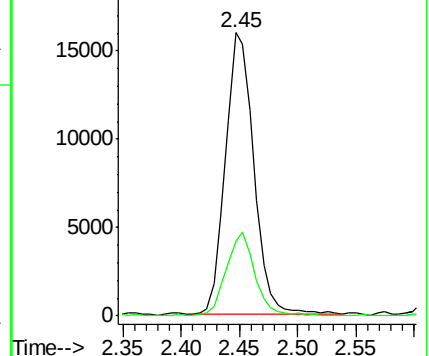
43 100

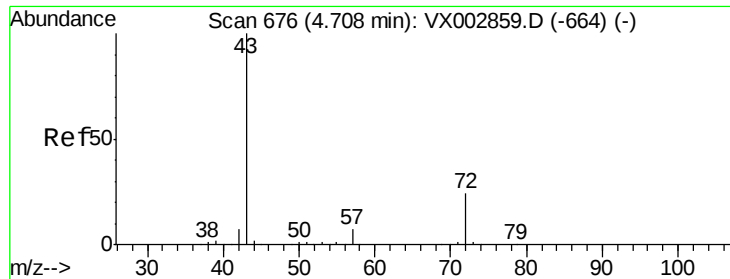
58 26.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 6.69 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003129.D

Acq: 02 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

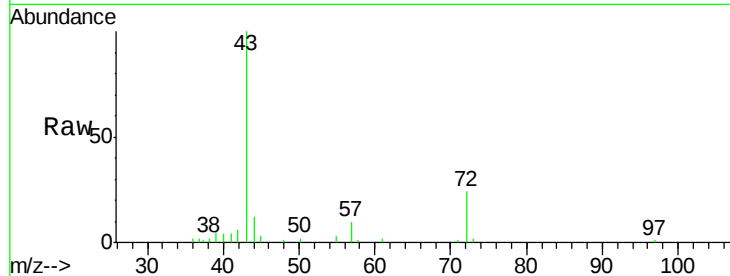
SP18-GMZ5-ER1

Tot Ion: 43 Resp: 15301

Ion Ratio Lower Upper

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

6000

5000

4000

3000

2000

1000

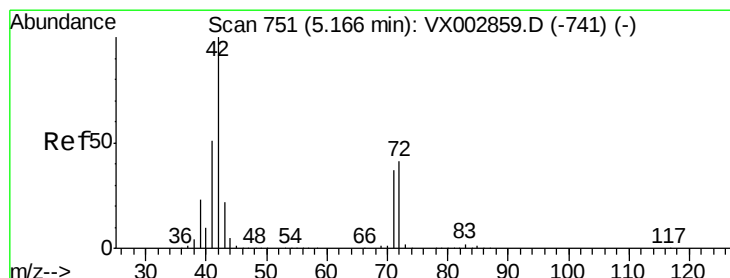
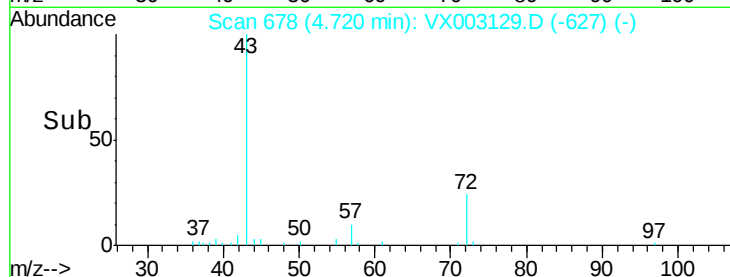
0

4.60

4.70

4.80

Time-->



#29

Tetrahydrofuran

Concen: 32.78 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX003129.D

Acq: 02 Jul 2018 16:10

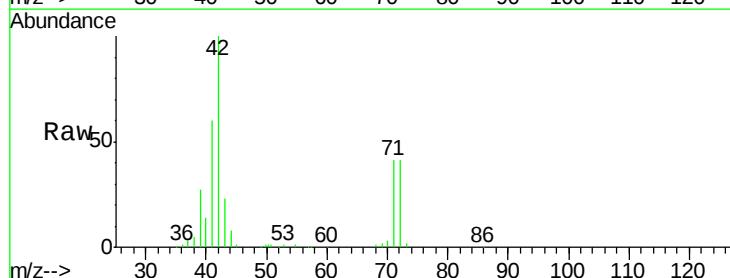
Tgt Ion: 42 Resp: 48082

Ion Ratio Lower Upper

42 100

72 42.0 32.0 48.0

71 41.7 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

20000

15000

10000

5000

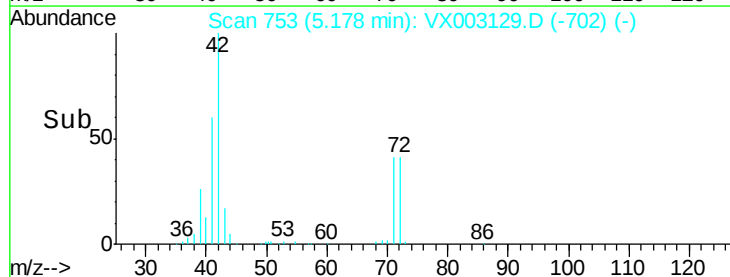
0

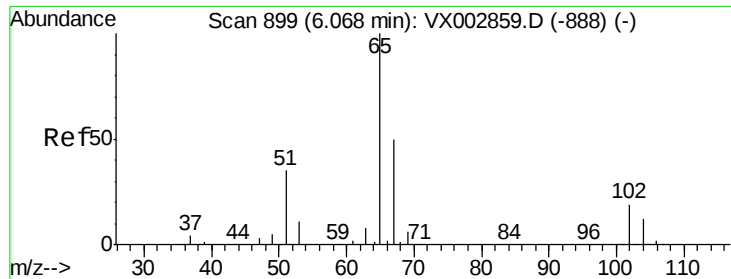
5.10

5.20

5.30

Time-->

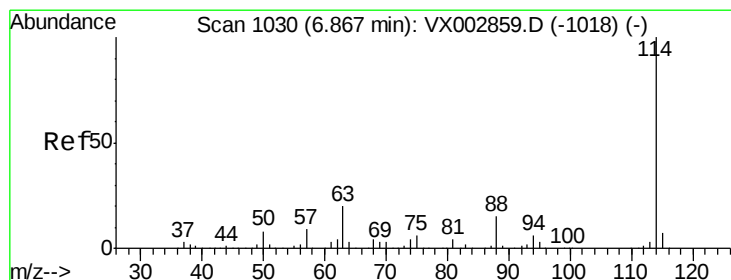
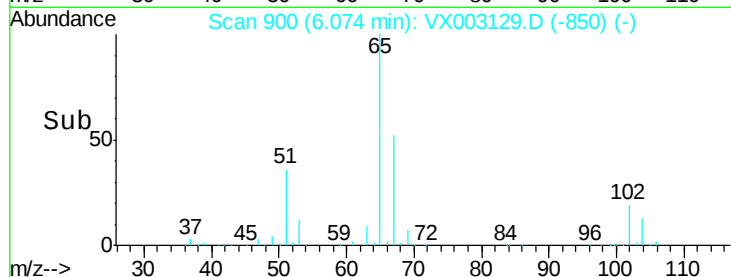
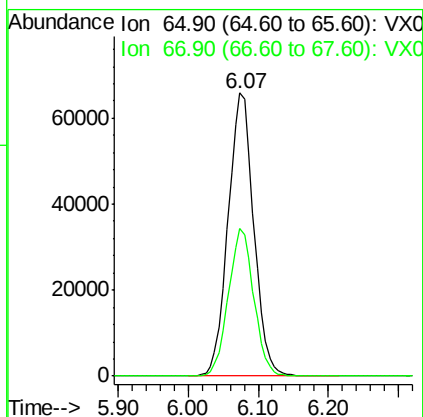
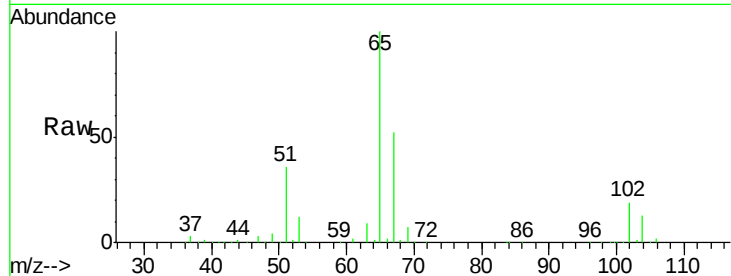




#33
 1,2-Dichloroethane-d4
 Concen: 45.15 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003129.D
 Acq: 02 Jul 2018 16:10

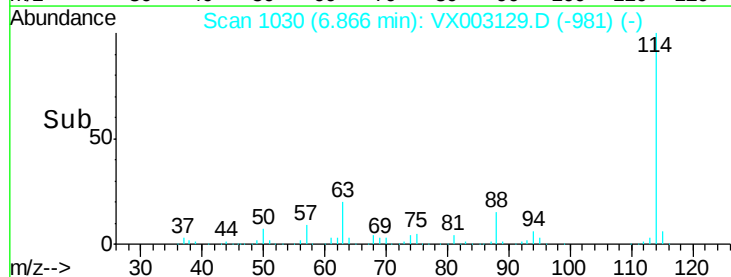
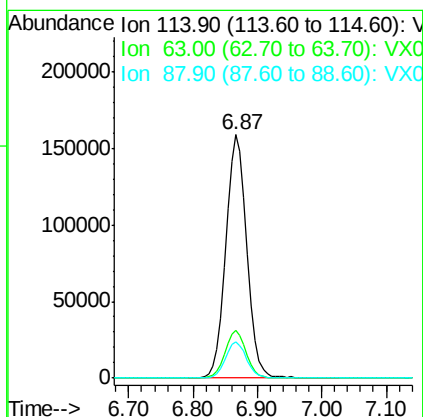
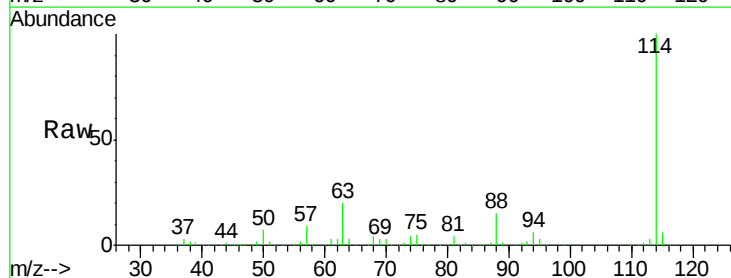
Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-GMZ5-ER1

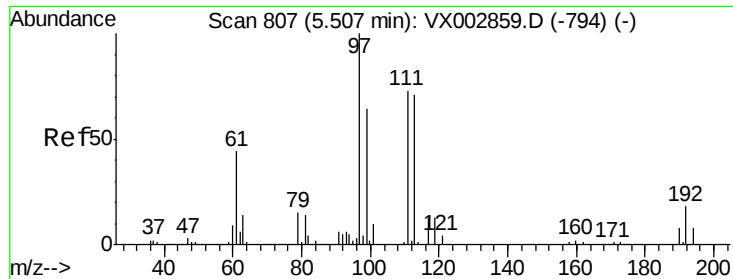
Tot Ion: 65 Resp: 168038
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003129.D
 Acq: 02 Jul 2018 16:10

Tgt Ion: 114 Resp: 365960
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 14.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.67 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003129.D

Acq: 02 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

SP18-GMZ5-ER1

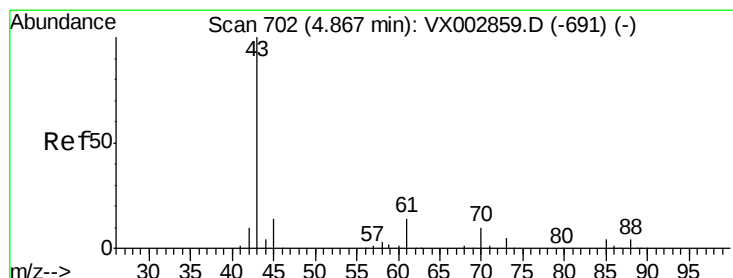
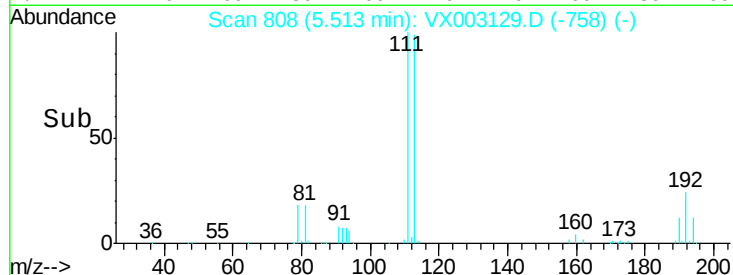
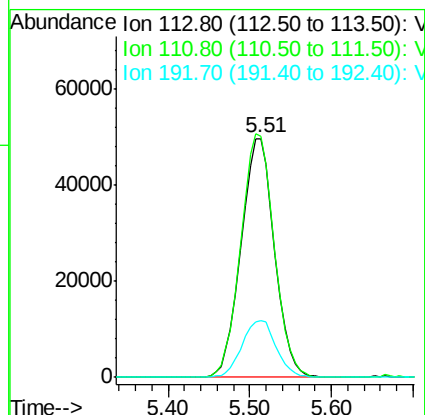
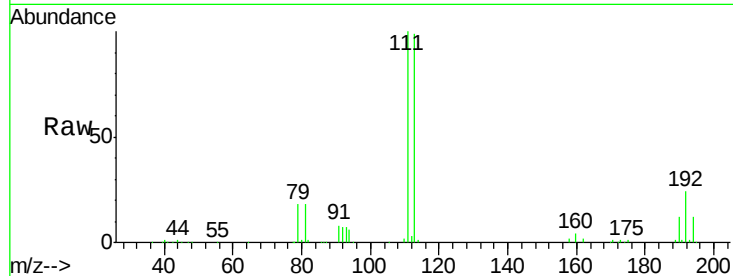
Tot Ion:113 Resp: 141037

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 24.4 19.1 28.7



#37

Ethyl Acetate

Concen: 0.77 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX003129.D

Acq: 02 Jul 2018 16:10

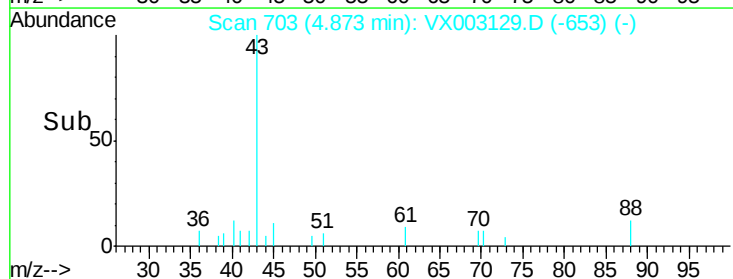
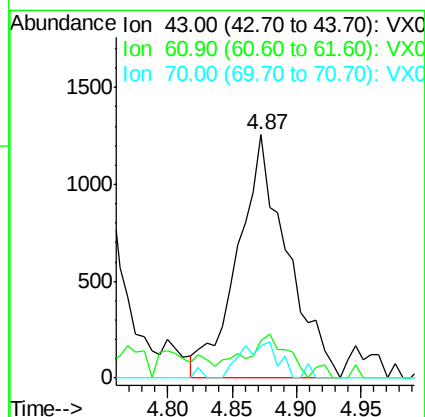
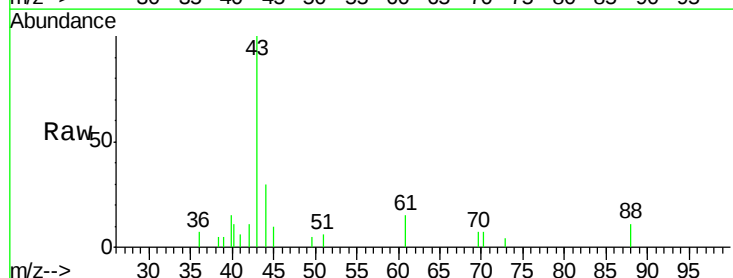
Tgt Ion: 43 Resp: 3322

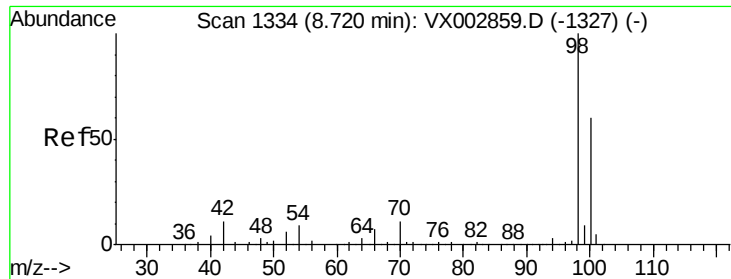
Ion Ratio Lower Upper

43 100

61 15.9 10.4 15.6#

70 11.0 7.6 11.4

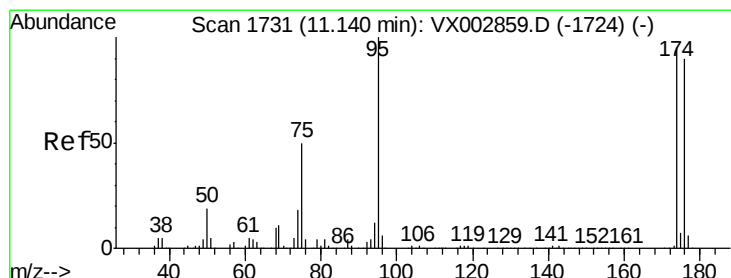
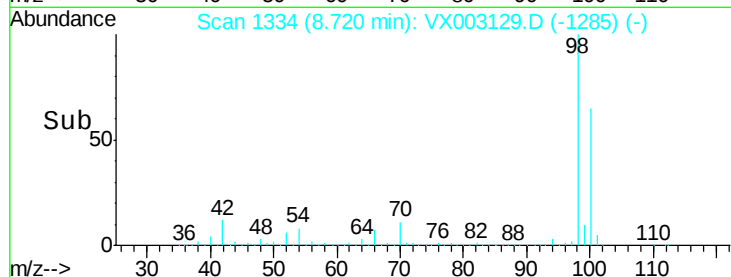
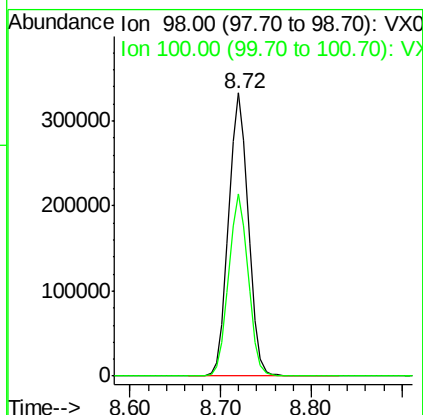
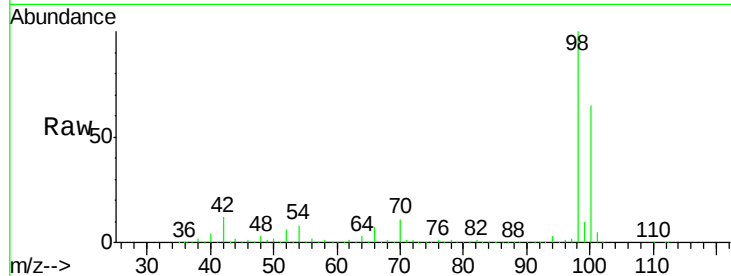




#50
Toluene-d8
Concen: 47.74 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003129.D
Acq: 02 Jul 2018 16:10

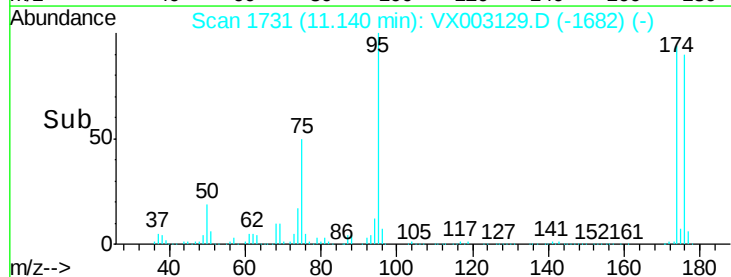
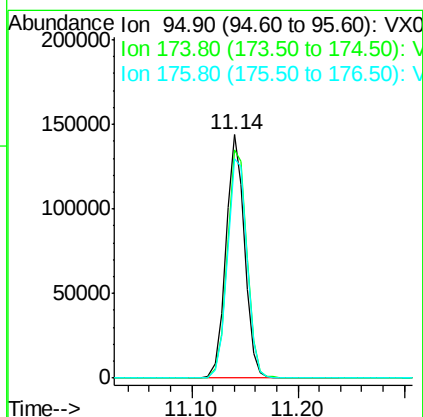
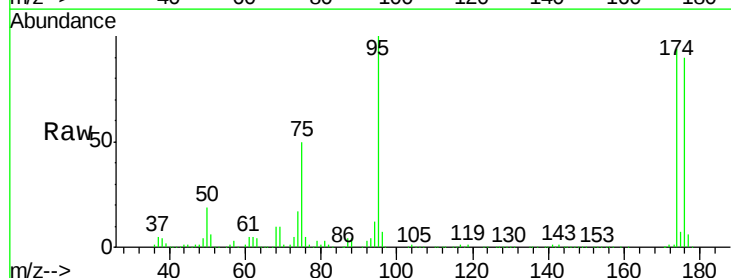
Instrument :
MSVOA_X
ClientSampleId :
SP18-GMZ5-ER1

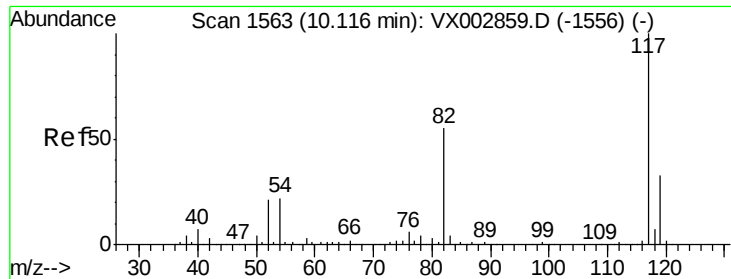
Tot Ion: 98 Resp: 505185
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.05 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003129.D
Acq: 02 Jul 2018 16:10

Tgt Ion: 95 Resp: 175689
Ion Ratio Lower Upper
95 100
174 99.5 0.0 187.4
176 96.1 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: VX003129.D

Acq: 02 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

SP18-GMZ5-ER1

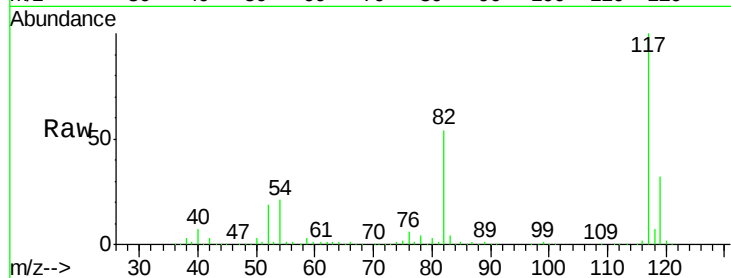
Tot Ion:117 Resp: 336412

Ion Ratio Lower Upper

117 100

82 54.0 45.0 67.4

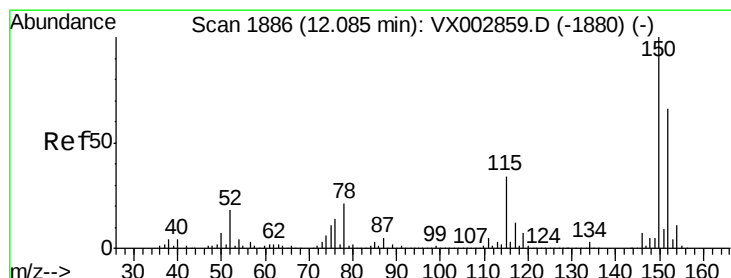
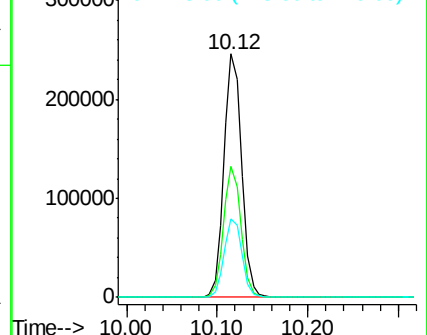
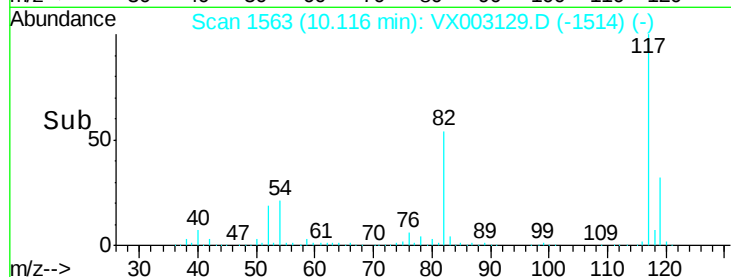
119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003129.D

Acq: 02 Jul 2018 16:10

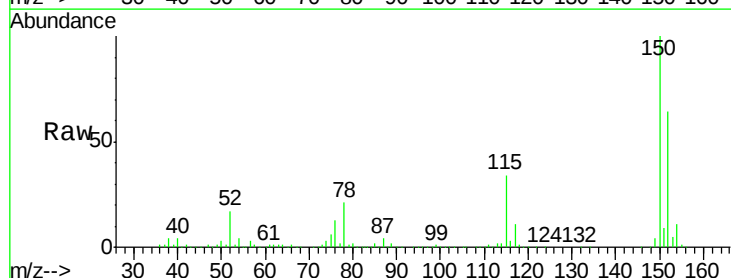
Tgt Ion:152 Resp: 186711

Ion Ratio Lower Upper

152 100

115 53.7 40.1 120.2

150 157.0 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

