

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041318\
 Data File : VX000860.D
 Acq On : 13 Apr 2018 19:51
 Operator : JC/MD
 Sample : J2364-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-A

Quant Time: Apr 14 05:39:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

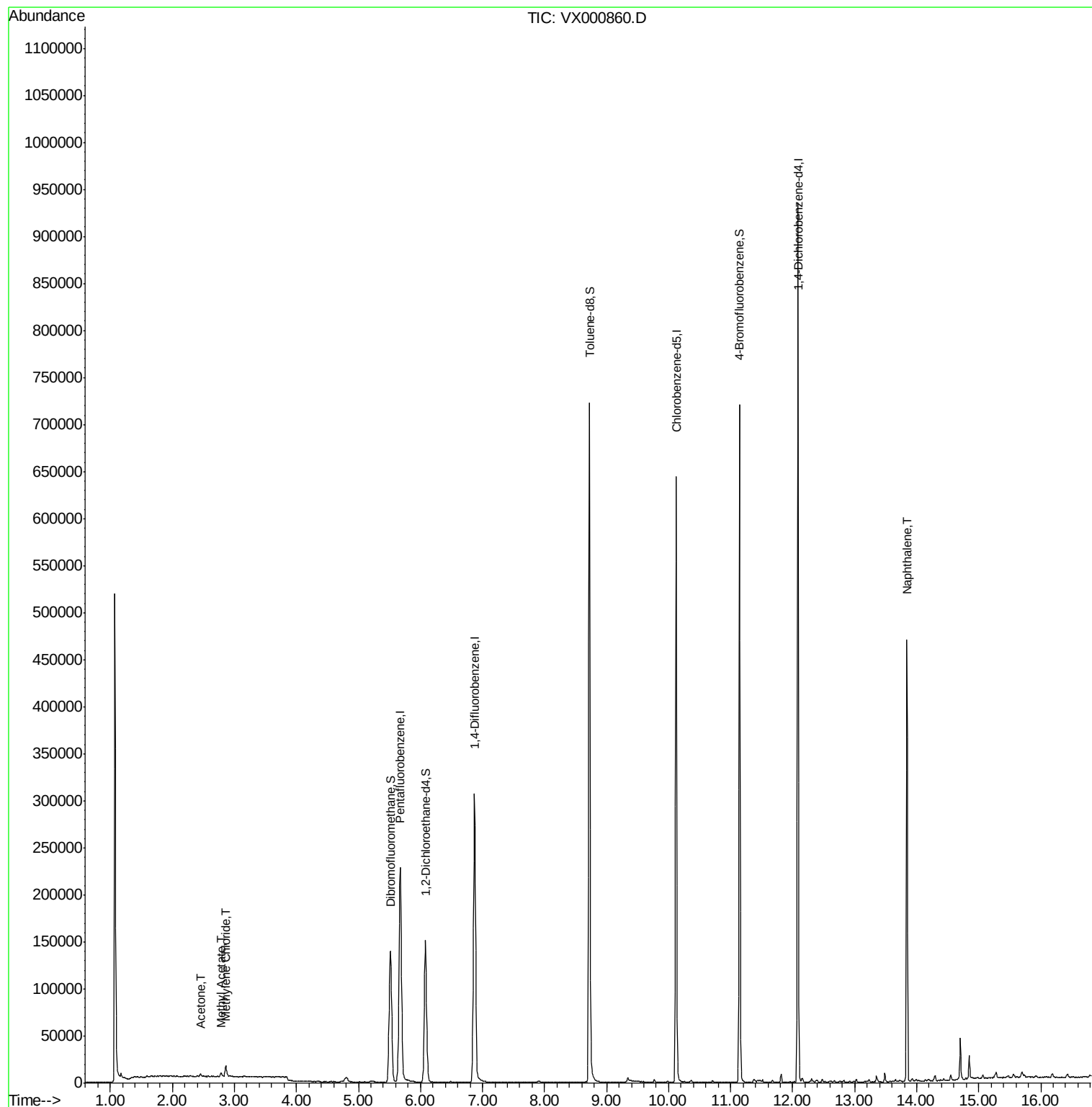
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	247568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	142758	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
35) Dibromofluoromethane	5.52	113	116424	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
50) Toluene-d8	8.73	98	451495	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.15	95	176451	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
Target Compounds						
16) Acetone	2.45	43	3339	3.10	ug/l	98
18) Methyl Acetate	2.79	43	4936	1.77	ug/l	99
20) Methylene Chloride	2.87	84	5701	2.28	ug/l	86
95) Naphthalene	13.84	128	286253	19.75	ug/l	99

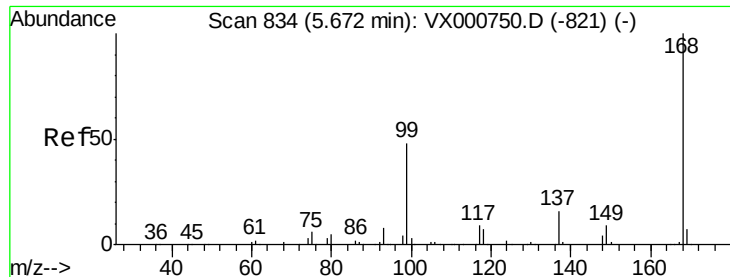
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000860.D

Acq: 13 Apr 2018 19:51

Instrument :

MSVOA_X

ClientSampleId :

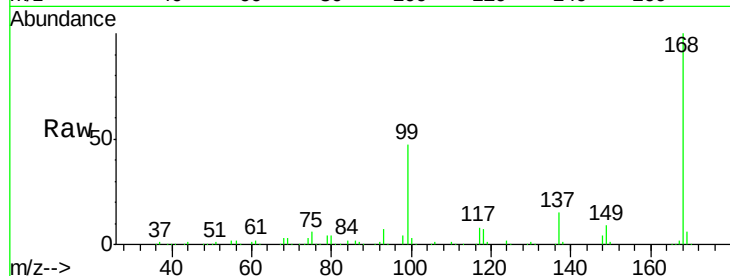
SP-A

Tot Ion:168 Resp: 247568

Ion Ratio Lower Upper

168 100

99 47.3 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

80000

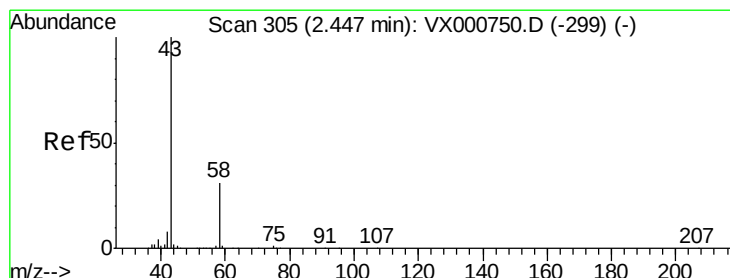
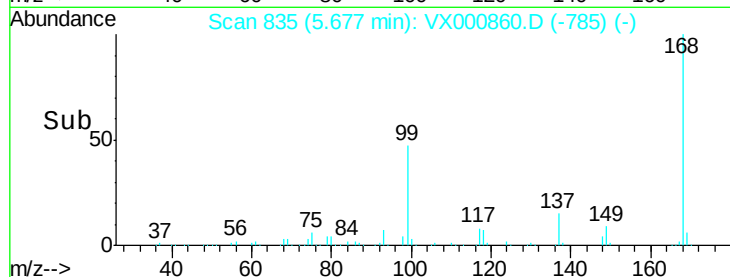
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.10 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000860.D

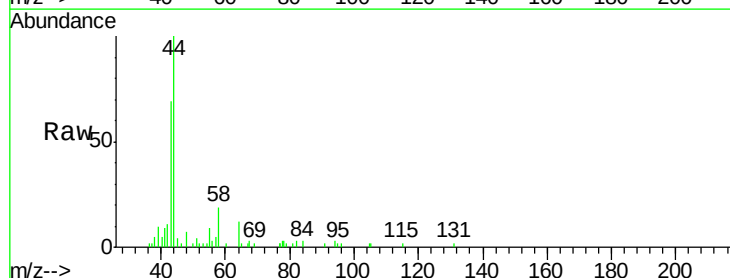
Acq: 13 Apr 2018 19:51

Tgt Ion: 43 Resp: 3339

Ion Ratio Lower Upper

43 100

58 32.0 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

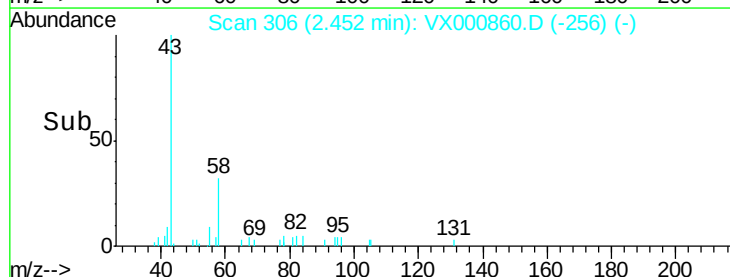
1500

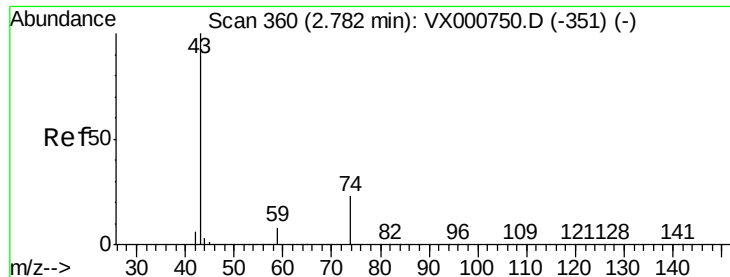
1000

500

0

Time--> 2.40 2.45 2.50





#18

Methvl Acetate

Concen: 1.77 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX000860.D

Acq: 13 Apr 2018 19:51

Instrument :

MSVOA_X

ClientSampleId :

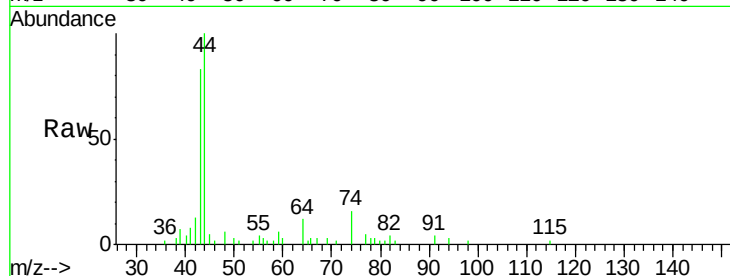
SP-A

Tot Ion: 43 Resp: 4936

Ion Ratio Lower Upper

43 100

74 23.5 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

3000

2500

2000

1500

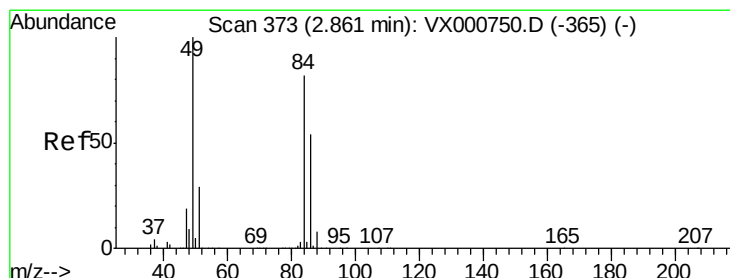
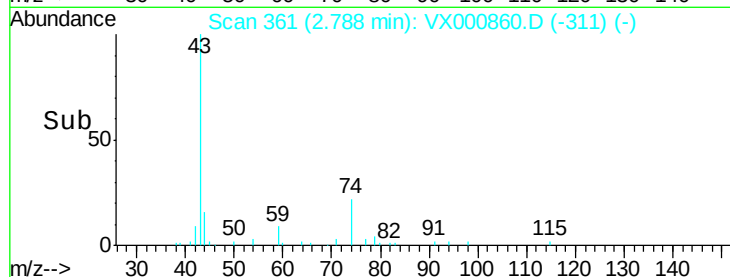
1000

500

0

Time-->

2.70 2.75 2.80 2.85



#20

Methylene Chloride

Concen: 2.28 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX000860.D

Acq: 13 Apr 2018 19:51

Tgt Ion: 84 Resp: 5701

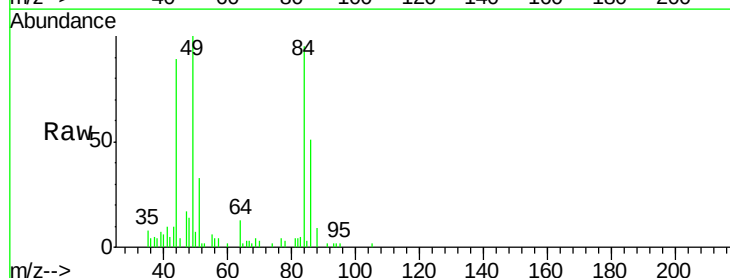
Ion Ratio Lower Upper

84 100

49 105.6 98.1 147.1

51 32.6 28.9 43.3

86 53.5 52.7 79.1



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

5000

4000

3000

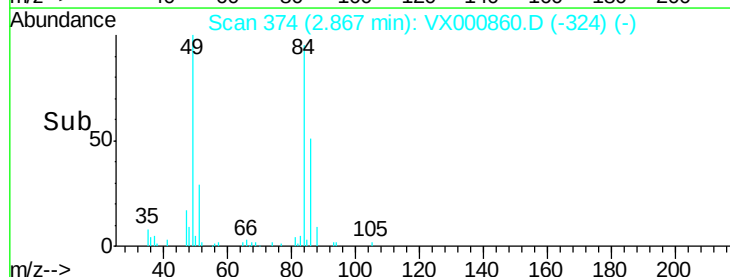
2000

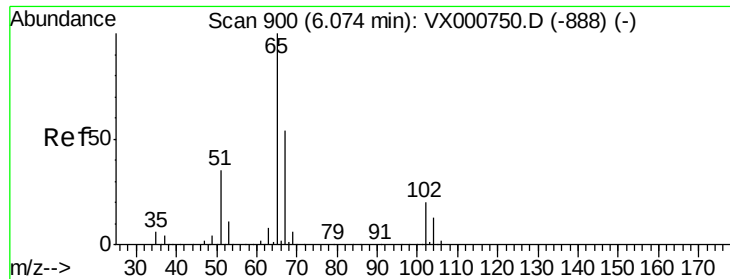
1000

0

Time-->

2.80 2.85 2.90 2.95

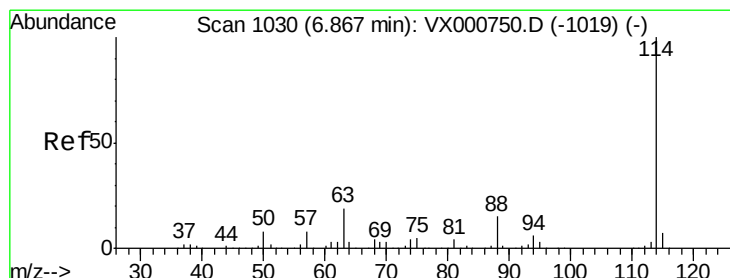
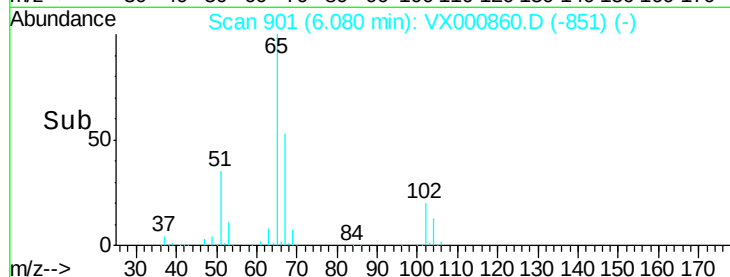
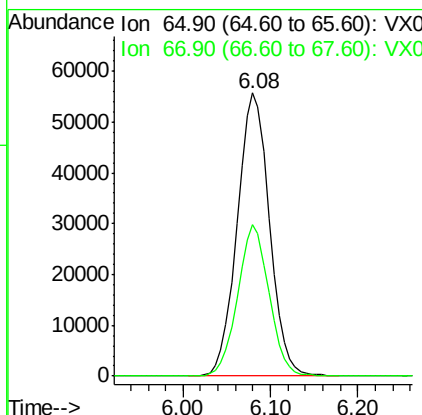
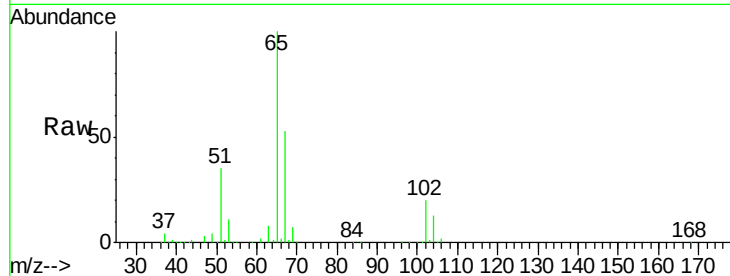




#33
 1,2-Dichloroethane-d4
 Concen: 45.73 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000860.D
 Acq: 13 Apr 2018 19:51

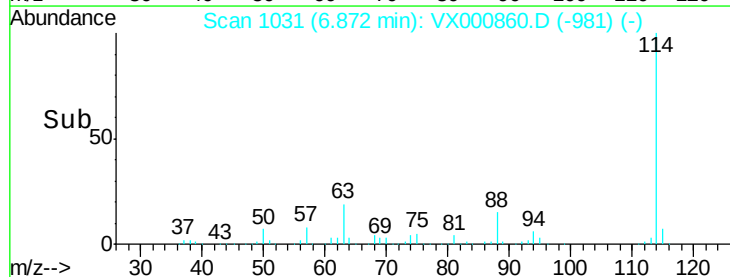
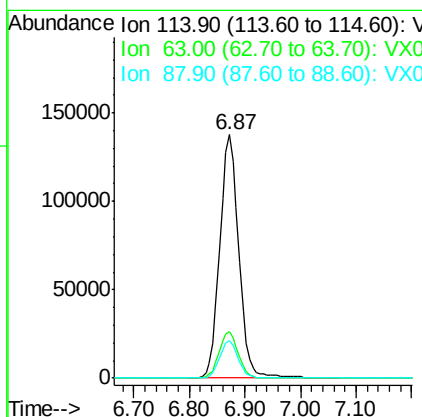
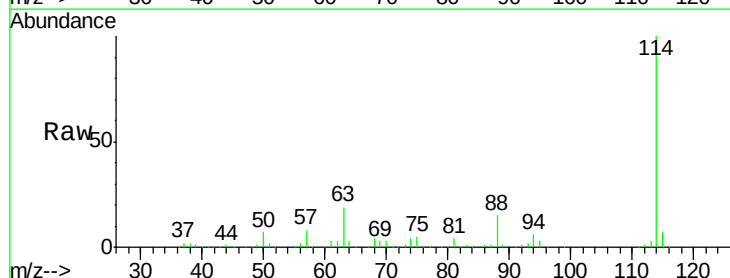
Instrument :
 MSVOA_X
 ClientSampled :
 SP-A

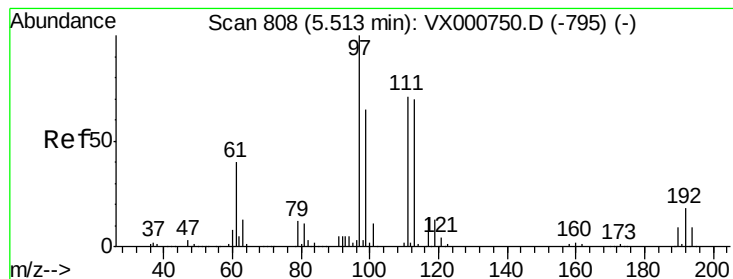
Tot Ion: 65 Resp: 142758
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000860.D
 Acq: 13 Apr 2018 19:51

Tgt Ion: 114 Resp: 326828
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.24 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000860.D

Acq: 13 Apr 2018 19:51

Instrument :

MSVOA_X

ClientSampled :

SP-A

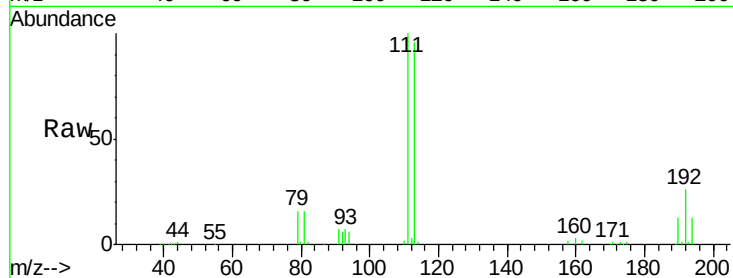
Tot Ion:113 Resp: 116424

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

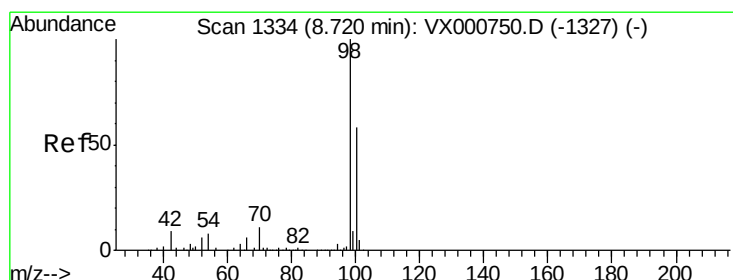
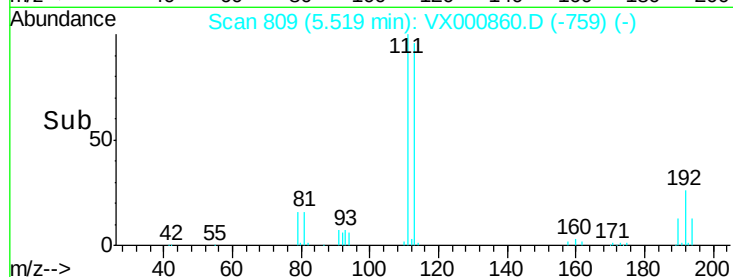
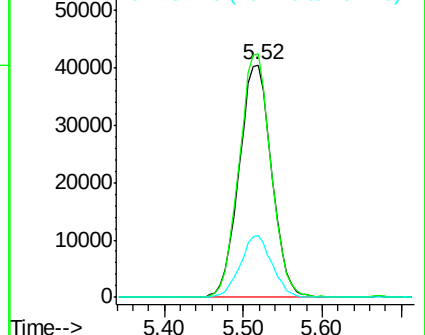
192 25.9 20.4 30.6



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: 48.16 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX000860.D

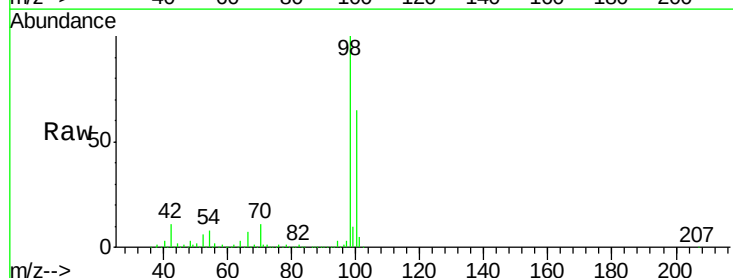
Acq: 13 Apr 2018 19:51

Tgt Ion: 98 Resp: 451495

Ion Ratio Lower Upper

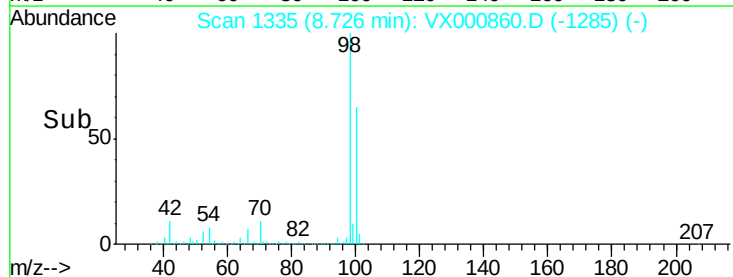
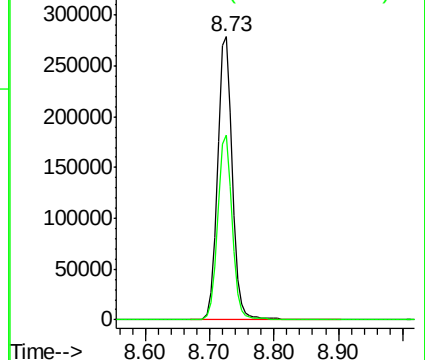
98 100

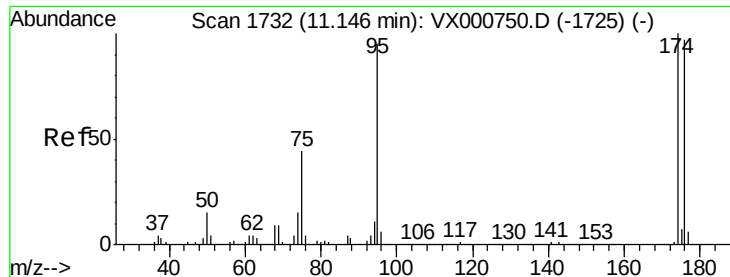
100 64.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.49 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000860.D

Acq: 13 Apr 2018 19:51

Instrument :

MSVOA_X

ClientSampled :

SP-A

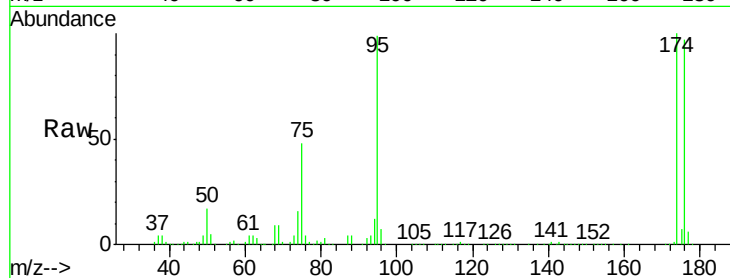
Tot Ion: 95 Resp: 176451

Ion Ratio Lower Upper

95 100

174 98.5 0.0 198.4

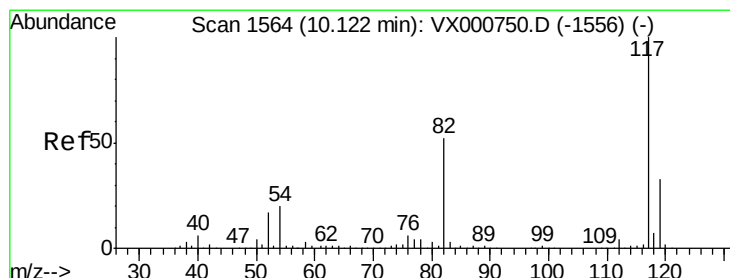
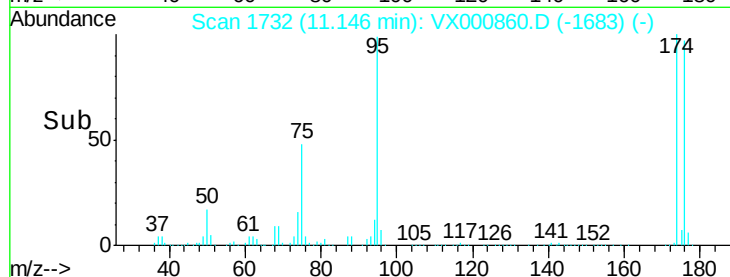
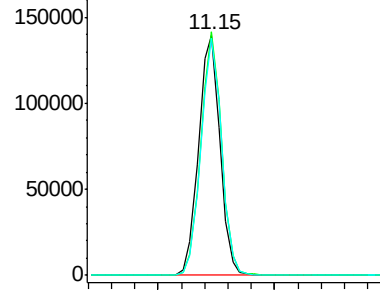
176 96.1 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX000750.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000750.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000750.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000860.D

Acq: 13 Apr 2018 19:51

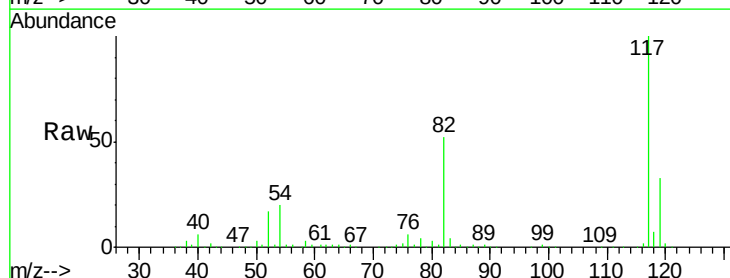
Tgt Ion: 117 Resp: 300700

Ion Ratio Lower Upper

117 100

82 52.1 41.9 62.9

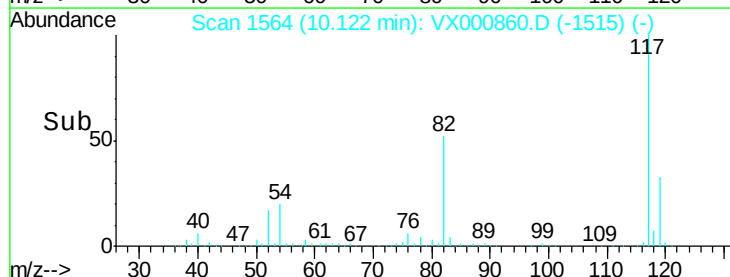
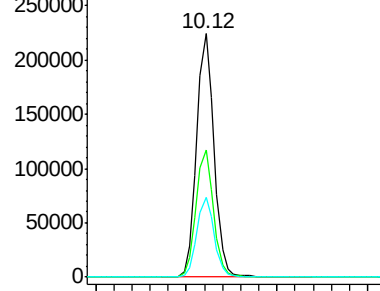
119 32.6 26.0 39.0

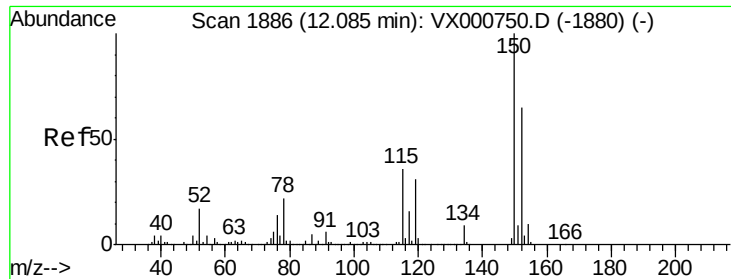


Abundance Ion 116.90 (116.60 to 117.60): VX000750.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX000750.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX000750.D (-1556) (-)

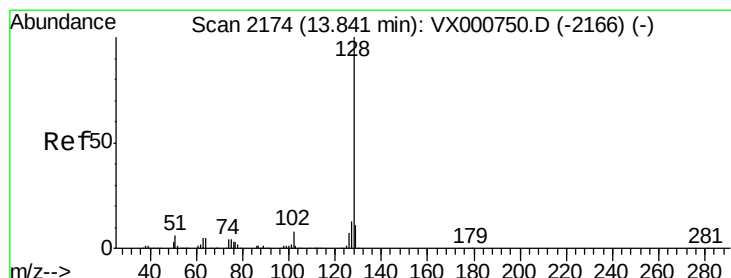
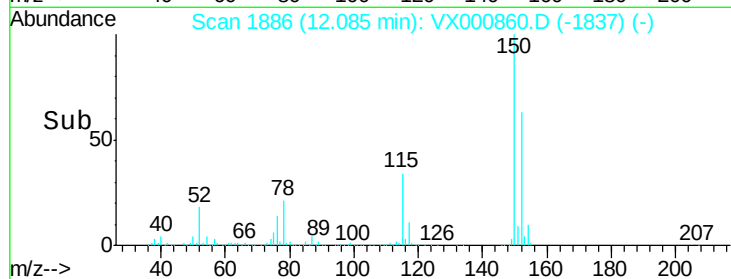
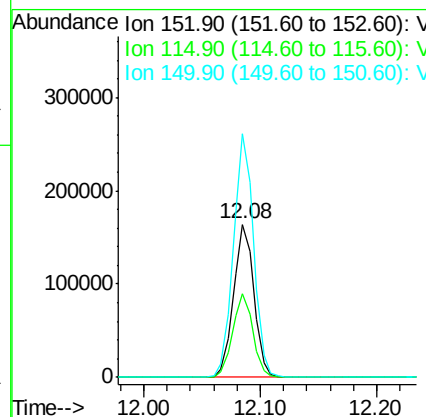
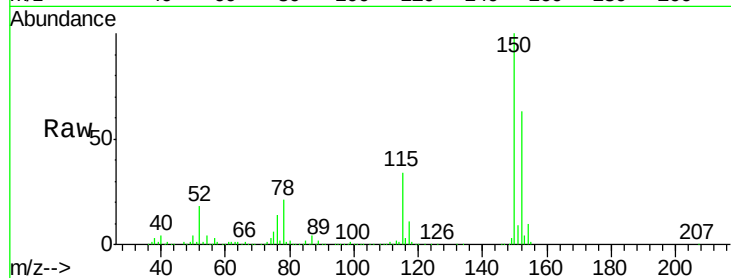




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX000860.D
 Acq: 13 Apr 2018 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-A

Tot Ion:152 Resp: 199211
 Ion Ratio Lower Upper
 152 100
 115 54.2 37.9 113.7
 150 157.8 0.0 348.0



#95
 Naphthalene
 Concen: 19.75 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX000860.D
 Acq: 13 Apr 2018 19:51

Tgt Ion:128 Resp: 286253
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 10.5 8.7 13.1

