

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003426.D
 Acq On : 17 Jul 2018 14:33
 Operator : JC/MD
 Sample : J4006-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RR-BASELINE-WATER

Quant Time: Jul 18 01:12:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	428447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	388160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240060	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	176565	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
35) Dibromofluoromethane	5.51	113	161343	46.54	ug/l	0.00
Spiked Amount			Recovery	=	93.08%	
50) Toluene-d8	8.72	98	694746	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	
62) 4-Bromofluorobenzene	11.14	95	225781	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	

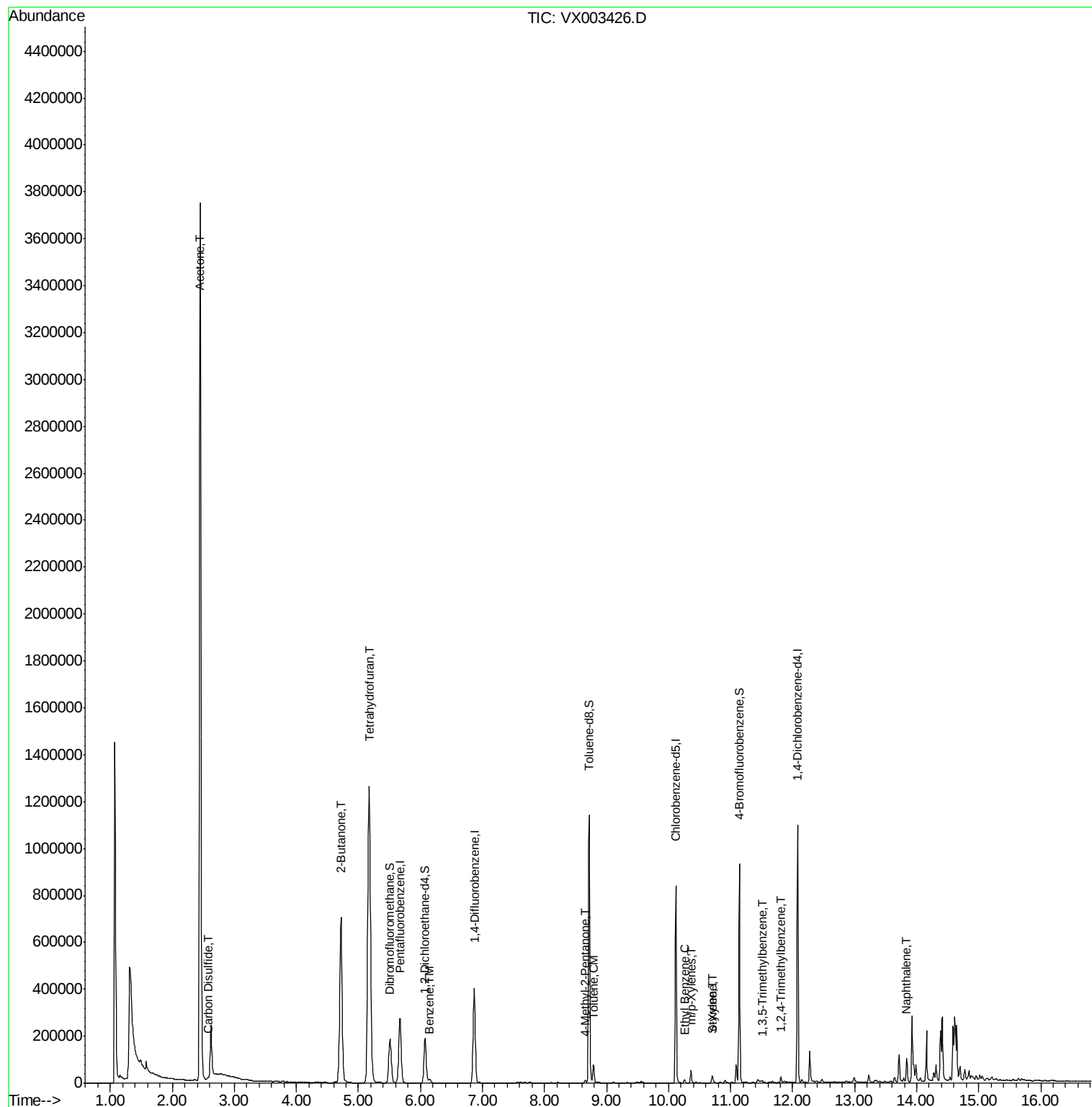
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	4085926	2549.64	ug/l	# 87
17) Carbon Disulfide	2.57	76	17345	2.04	ug/l	96
25) 2-Butanone	4.72	43	1217029	485.26	ug/l	99
29) Tetrahydrofuran	5.17	42	1197517	752.90	ug/l	91
40) Benzene	6.15	78	18926	1.43	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	5526	1.14	ug/l	93
52) Toluene	8.79	92	28866	3.49	ug/l	99
67) Ethyl Benzene	10.26	91	8756	0.58	ug/l	100
68) m/p-Xylenes	10.36	106	13089	2.26	ug/l	99
69) o-Xylene	10.70	106	6729	1.21	ug/l	98
70) Styrene	10.72	104	4685	0.51	ug/l	# 87
80) 1,3,5-Trimethylbenzene	11.51	105	3822	0.30	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	10359	0.80	ug/l	100
95) Naphthalene	13.83	128	58747	3.73	ug/l	98

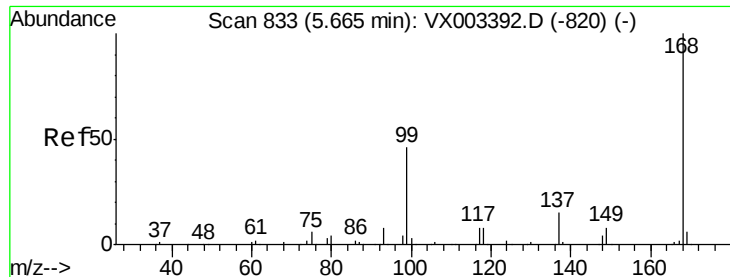
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 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: VX003426.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_X

ClientSampleId :

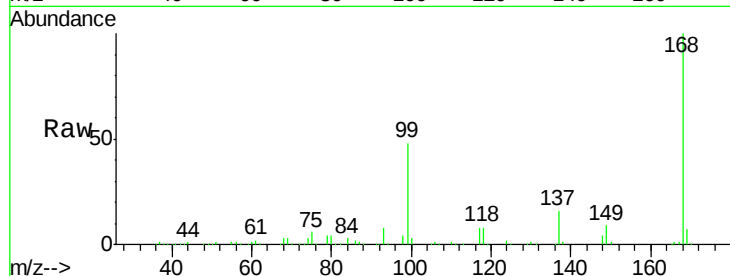
RR-BASELINE-WATER

Tot Ion:168 Resp: 294205

Ion Ratio Lower Upper

168 100

99 47.6 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

120000

100000

80000

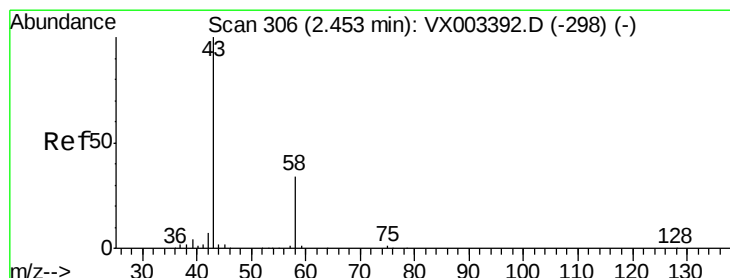
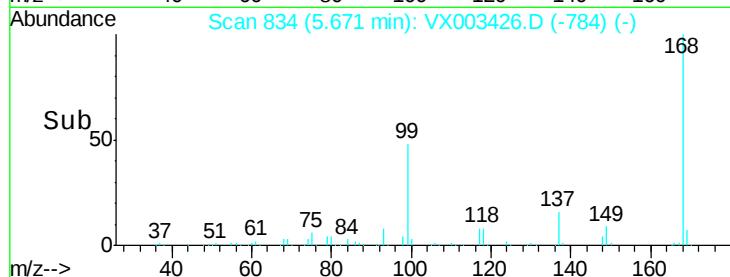
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2549.64 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003426.D

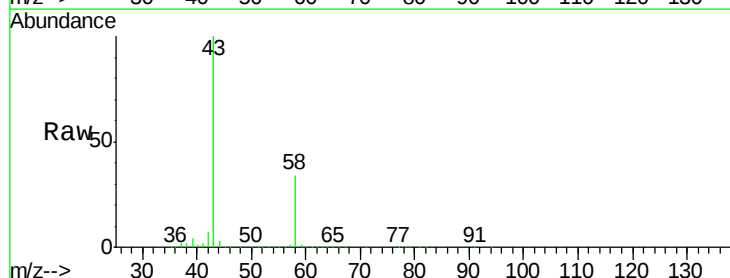
Acq: 17 Jul 2018 14:33

Tgt Ion: 43 Resp: 4085926

Ion Ratio Lower Upper

43 100

58 34.5 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

2500000

2000000

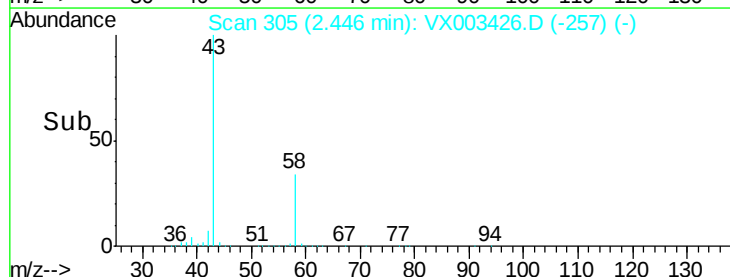
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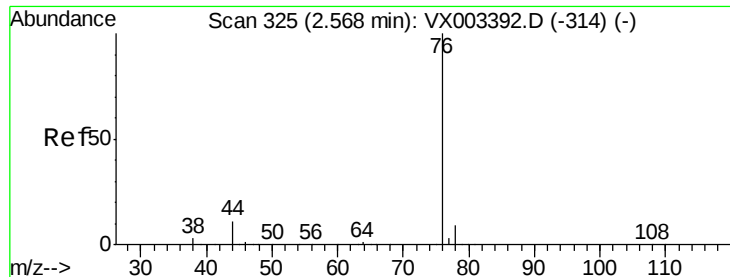
1000000

500000

0

Time--> 2.30 2.40 2.50 2.60

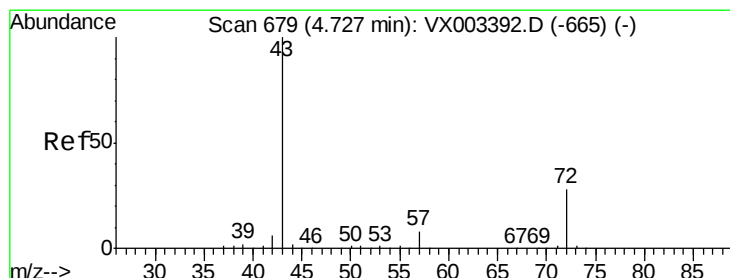
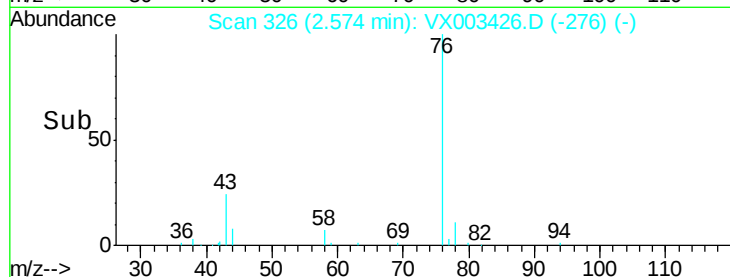
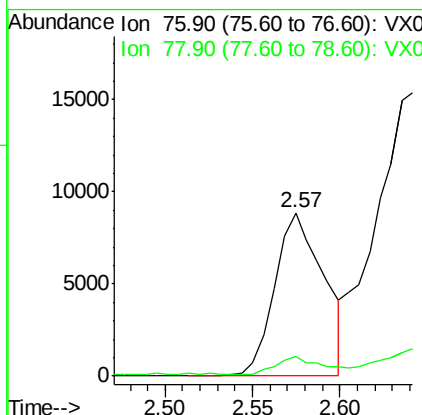
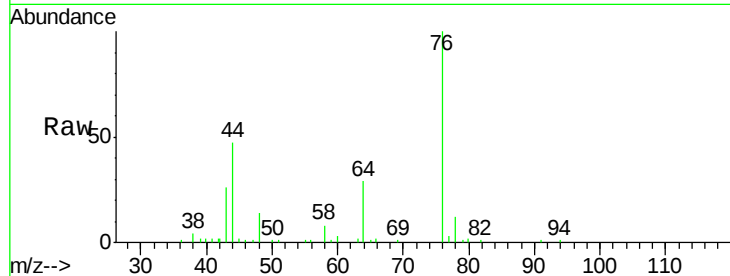




#17
Carbon Disulfide
Concen: 2.04 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003426.D
Acq: 17 Jul 2018 14:33

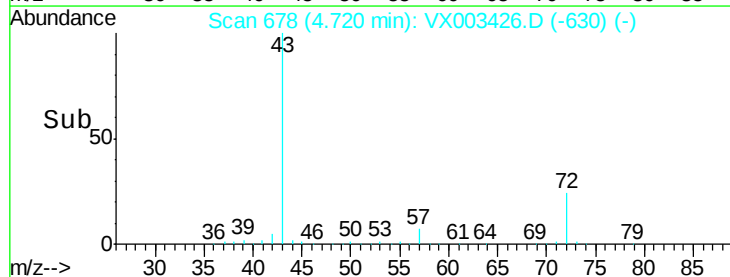
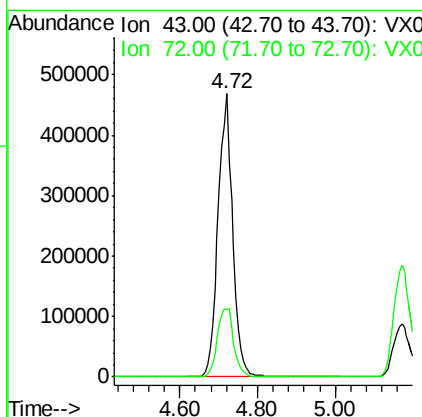
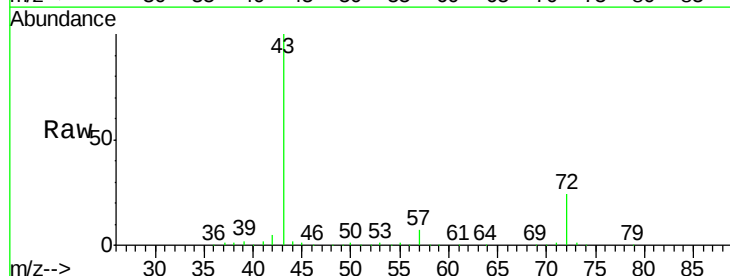
Instrument :
MSVOA_X
ClientSampleId :
RR-BASELINE-WATER

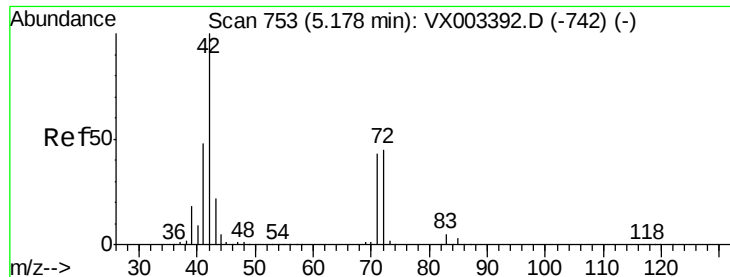
Tot Ion: 76 Resp: 17345
Ion Ratio Lower Upper
76 100
78 10.1 6.9 10.3



#25
2-Butanone
Concen: 485.26 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX003426.D
Acq: 17 Jul 2018 14:33

Tgt Ion: 43 Resp: 1217029
Ion Ratio Lower Upper
43 100
72 23.8 18.5 27.7

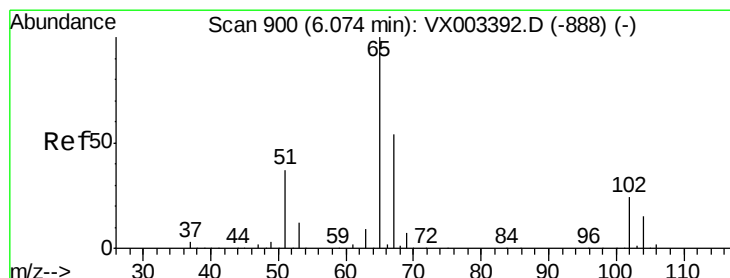
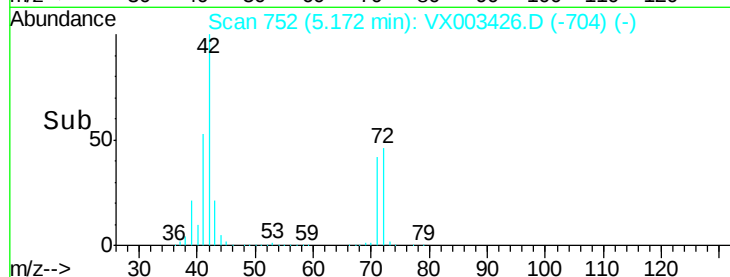
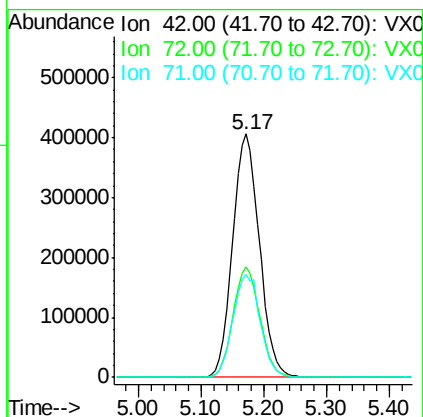
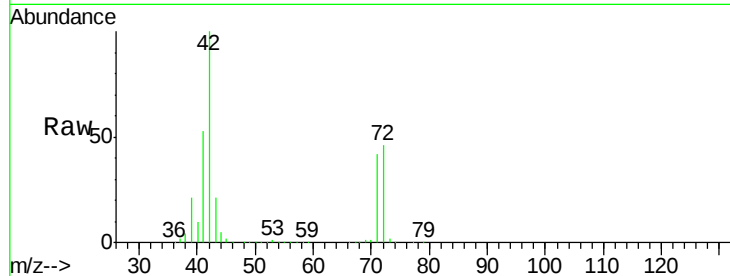




#29
Tetrahydrofuran
Concen: 752.90 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX003426.D
Acq: 17 Jul 2018 14:33

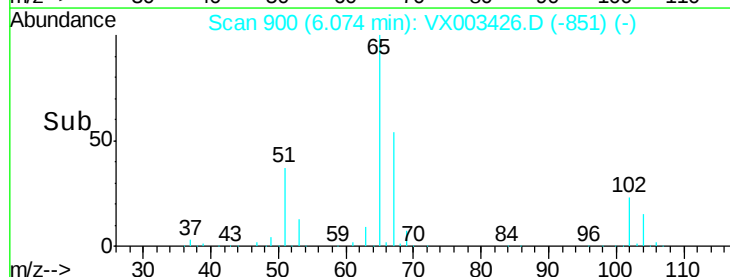
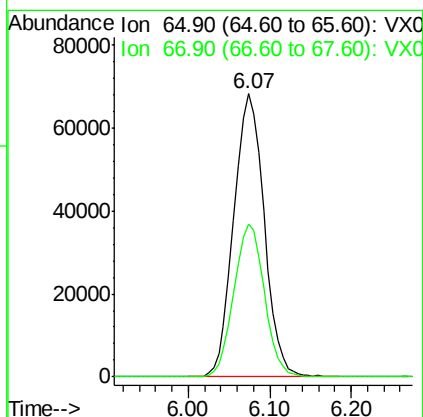
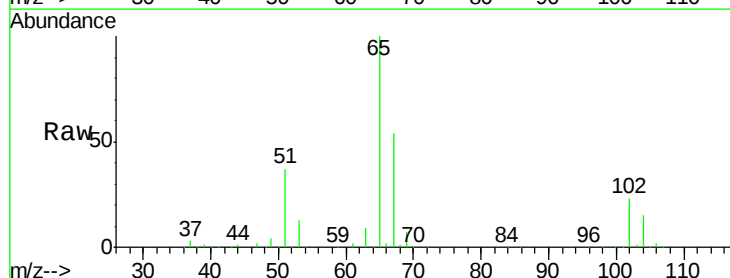
Instrument :
MSVOA_X
ClientSampleId :
RR-BASELINE-WATER

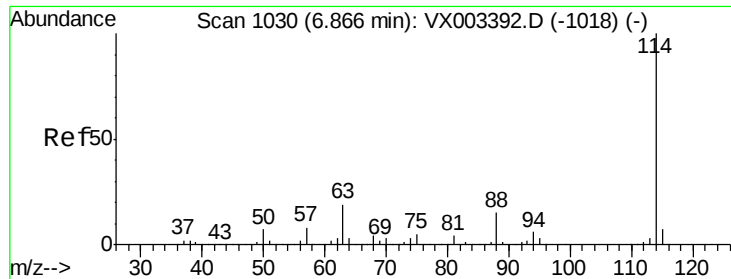
Tot Ion: 42 Resp: 1197517
Ion Ratio Lower Upper
42 100
72 45.5 32.0 48.0
71 43.4 30.1 45.1



#33
1,2-Dichloroethane-d4
Concen: 45.83 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX003426.D
Acq: 17 Jul 2018 14:33

Tgt Ion: 65 Resp: 176565
Ion Ratio Lower Upper
65 100
67 53.9 0.0 102.6

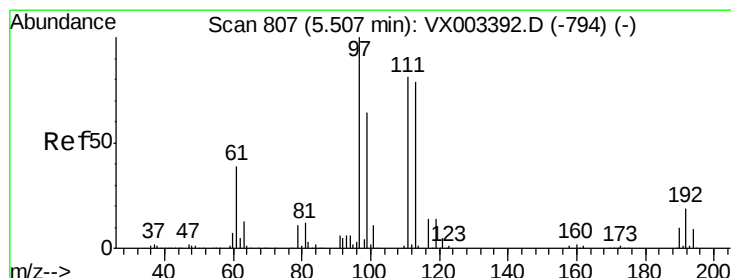
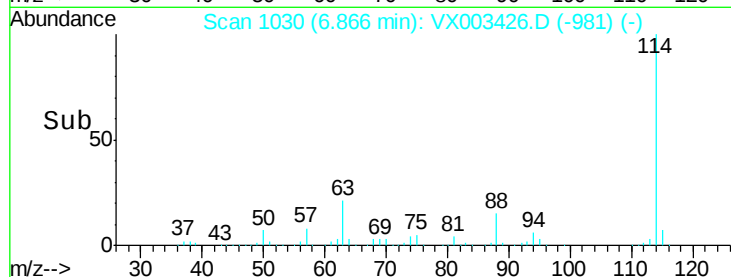
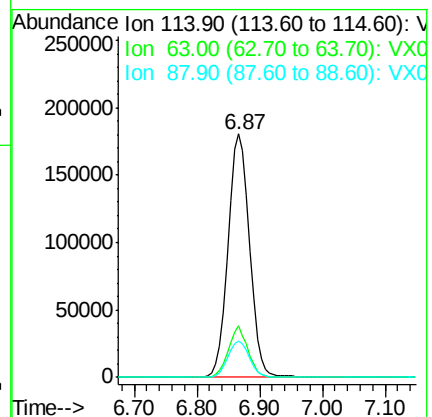
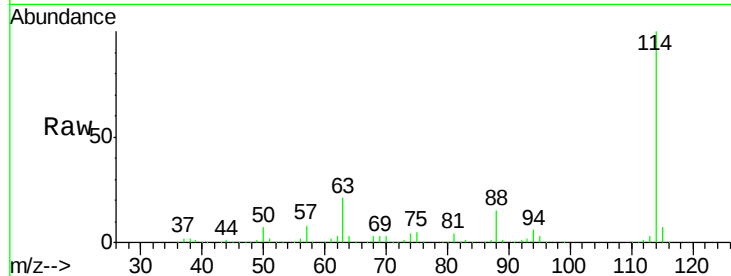




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003426.D
 Acq: 17 Jul 2018 14:33

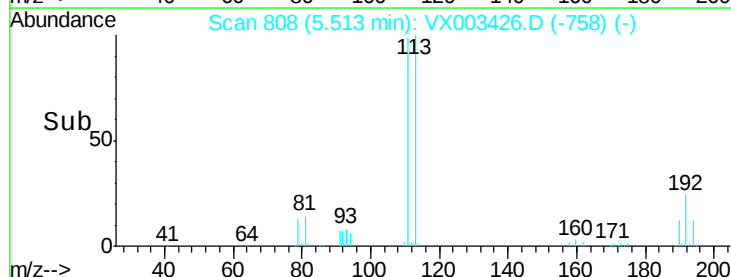
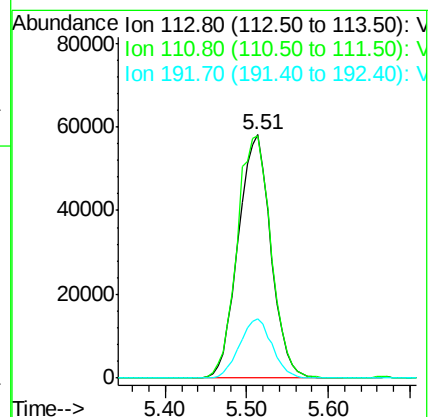
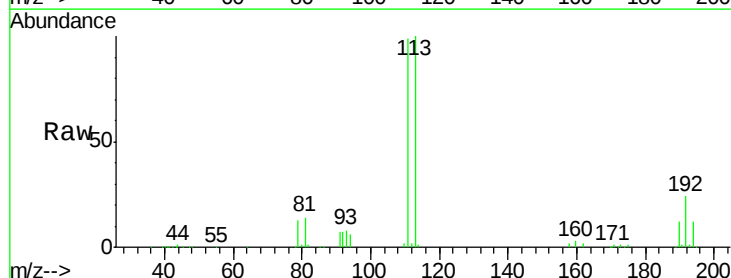
Instrument :
 MSVOA_X
 ClientSampleId :
 RR-BASELINE-WATER

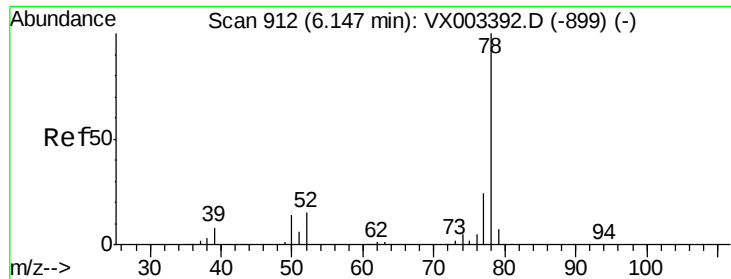
Tot Ion:114 Resp: 428447
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 15.1 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 46.54 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003426.D
 Acq: 17 Jul 2018 14:33

Tgt Ion:113 Resp: 161343
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.0
 192 24.2 19.1 28.7





#40

Benzene

Concen: 1.43 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX003426.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_X

ClientSampleId :

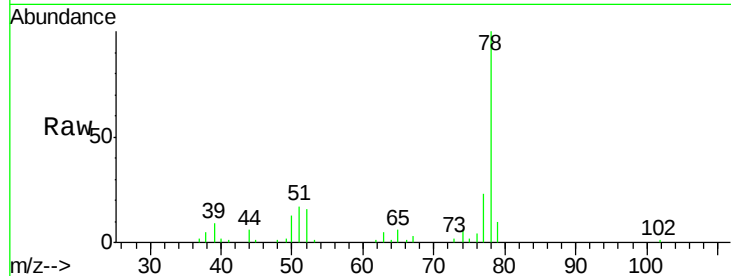
RR-BASELINE-WATER

Tot Ion: 78 Resp: 18926

Ion Ratio Lower Upper

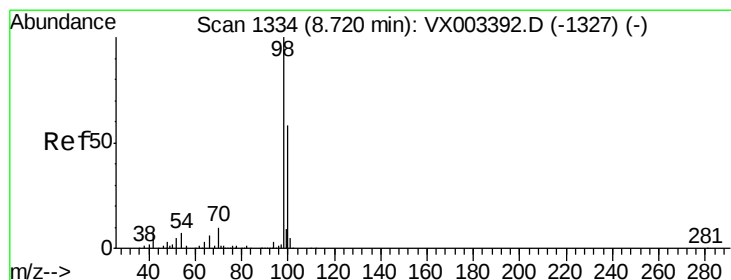
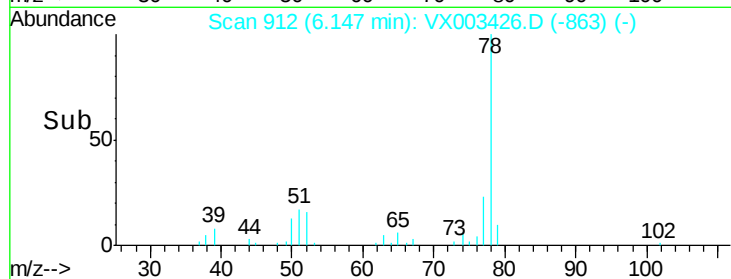
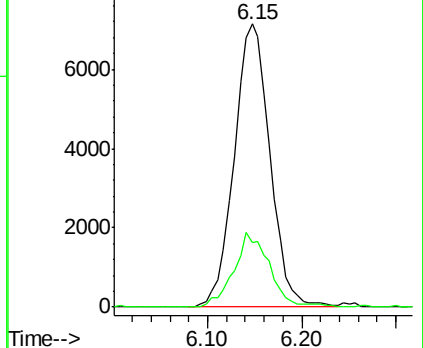
78 100

77 22.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 54.31 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003426.D

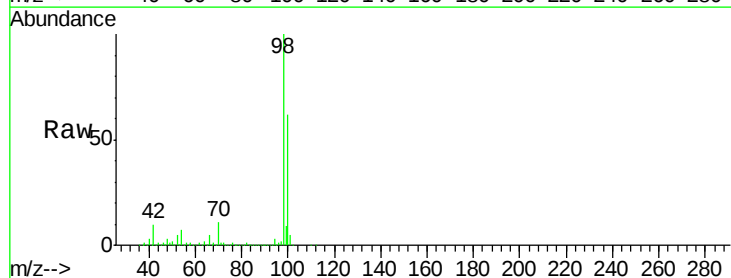
Acq: 17 Jul 2018 14:33

Tgt Ion: 98 Resp: 694746

Ion Ratio Lower Upper

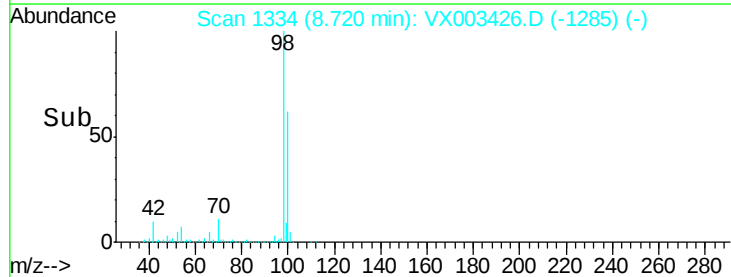
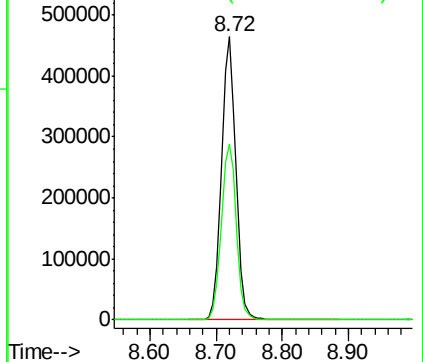
98 100

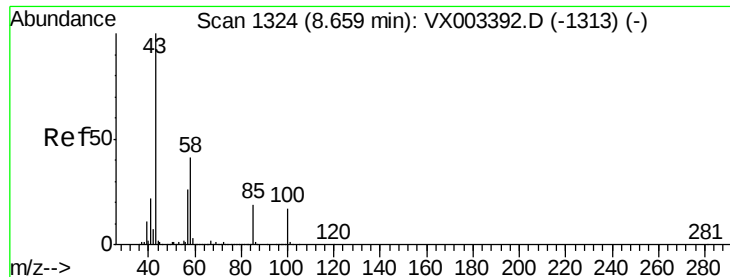
100 64.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 1.14 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX003426.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_X

ClientSampleId :

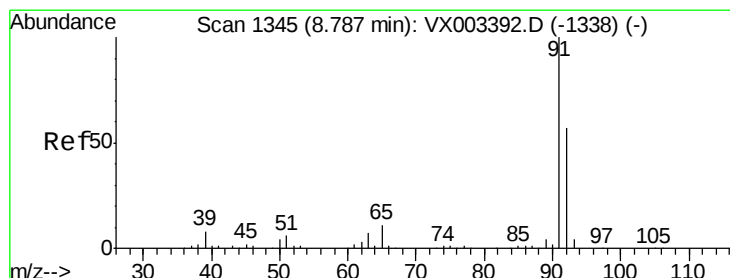
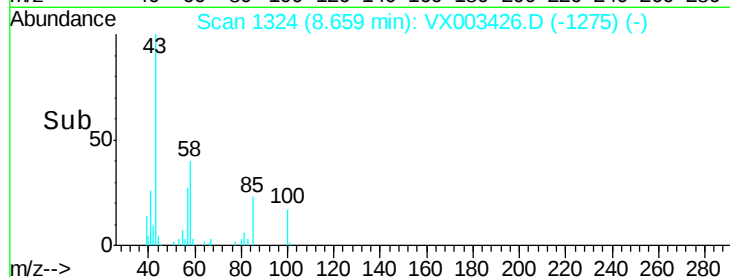
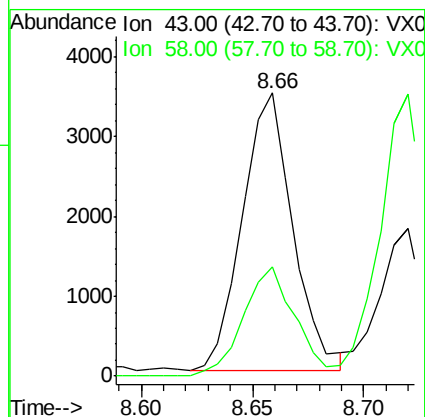
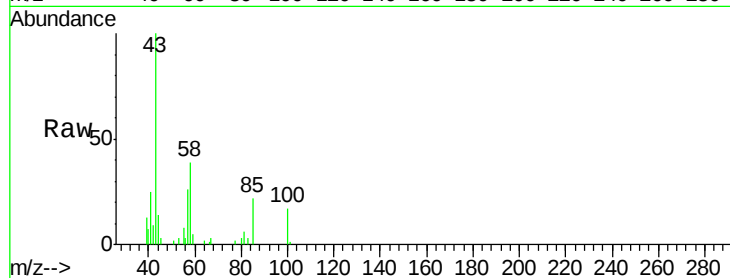
RR-BASELINE-WATER

Tot Ion: 43 Resp: 5526

Ion Ratio Lower Upper

43 100

58 39.5 28.6 42.8



#52

Toluene

Concen: 3.49 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX003426.D

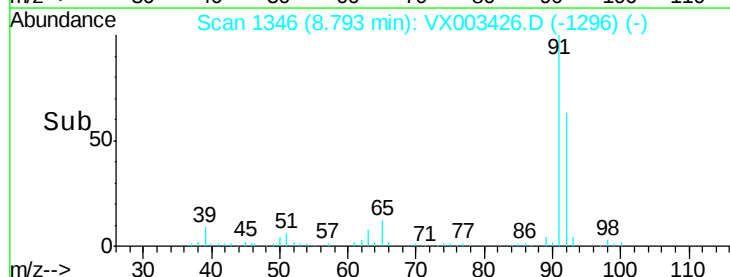
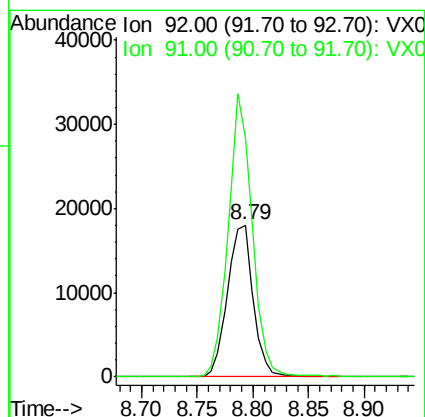
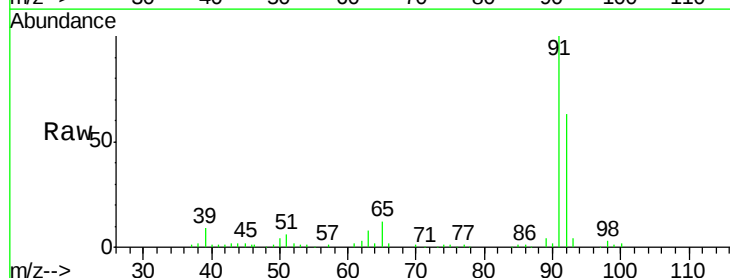
Acq: 17 Jul 2018 14:33

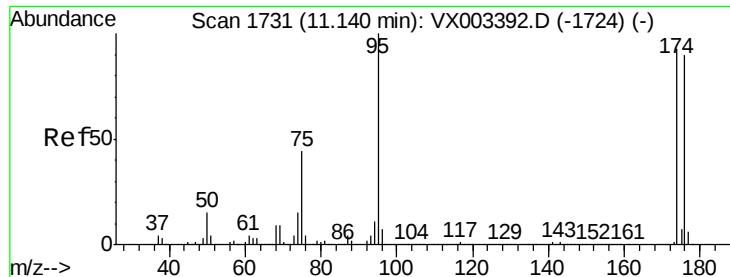
Tgt Ion: 92 Resp: 28866

Ion Ratio Lower Upper

92 100

91 174.6 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 49.43 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003426.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_X

ClientSampleId :

RR-BASELINE-WATER

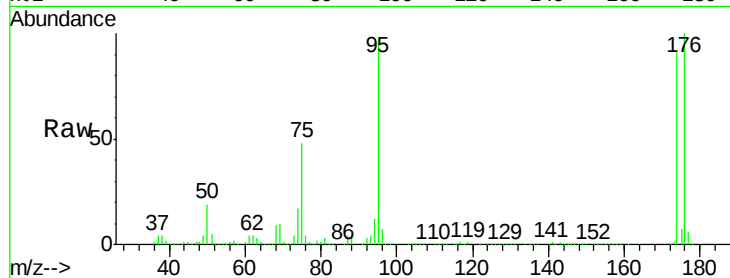
Tot Ion: 95 Resp: 225781

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.4

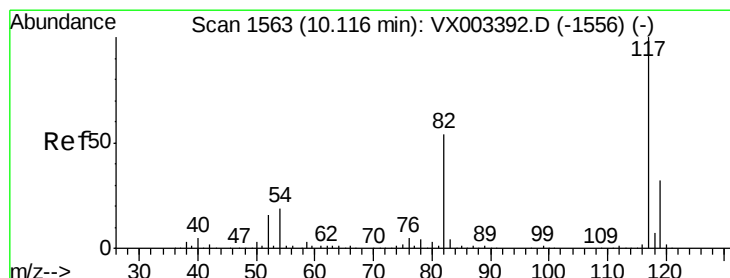
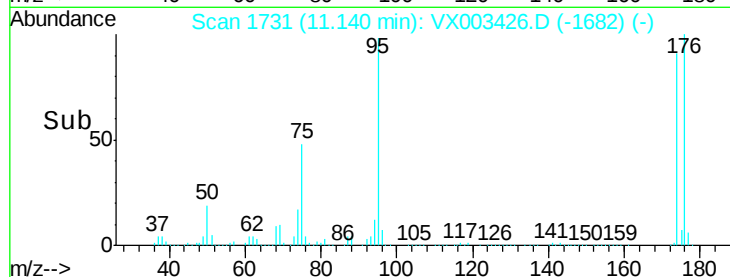
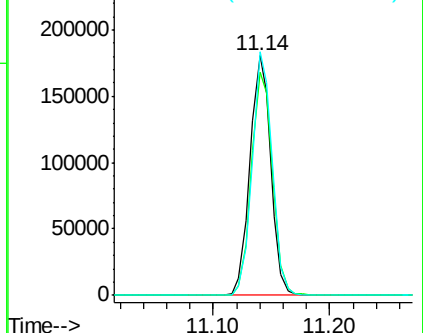
176 97.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003392.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003392.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003392.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003426.D

Acq: 17 Jul 2018 14:33

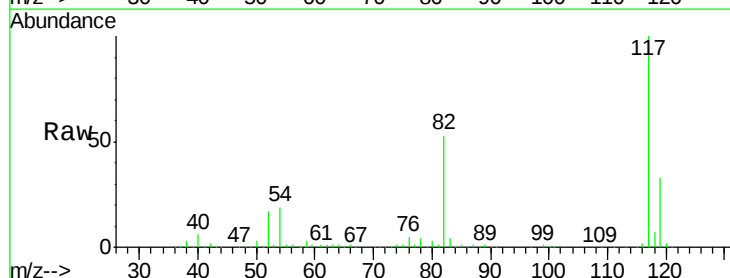
Tgt Ion: 117 Resp: 388160

Ion Ratio Lower Upper

117 100

82 53.2 45.0 67.4

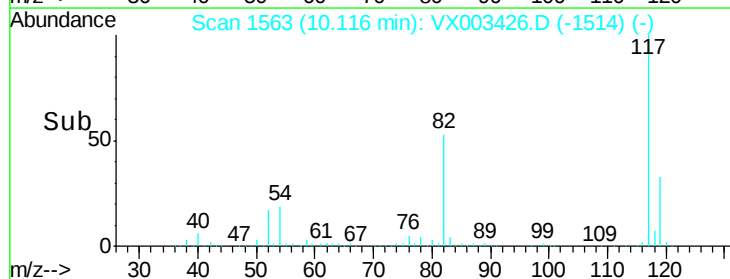
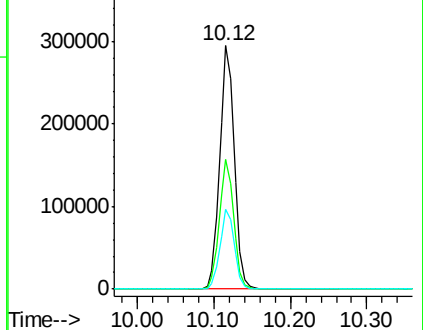
119 32.6 25.8 38.6

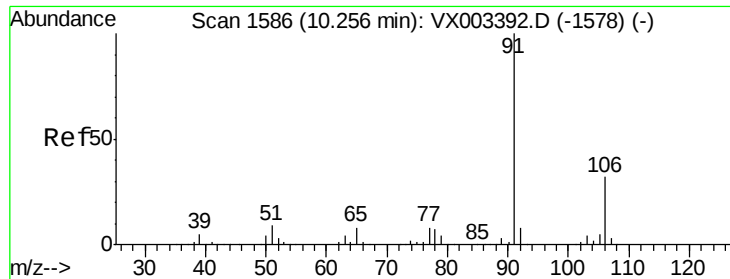


Abundance Ion 116.90 (116.60 to 117.60): VX003392.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003392.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003392.D (-1556) (-)

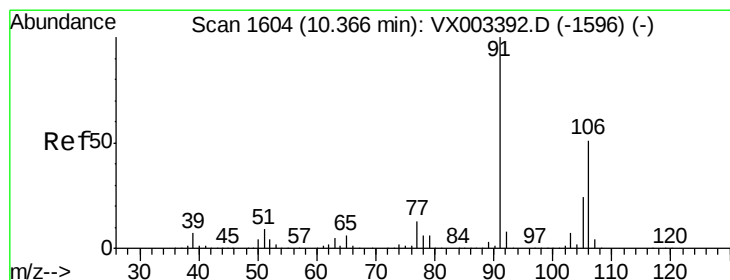
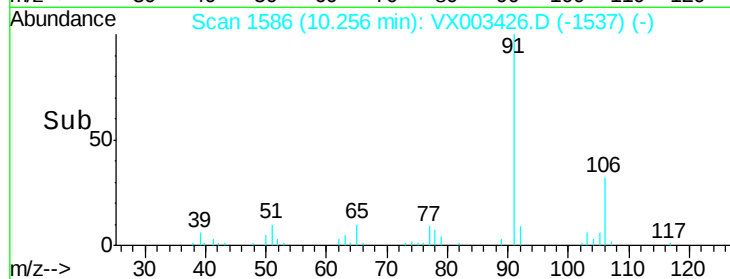
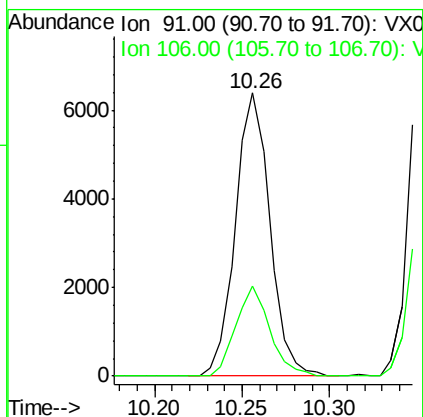
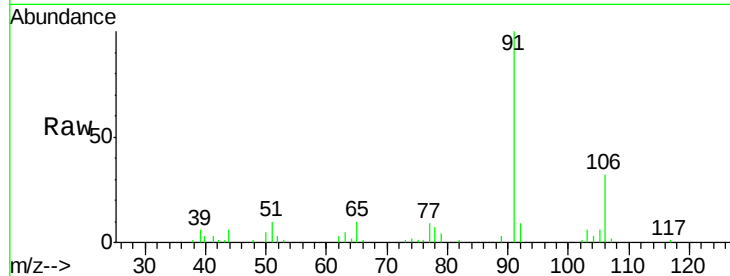




#67
Ethyl Benzene
Concen: 0.58 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003426.D
Acq: 17 Jul 2018 14:33

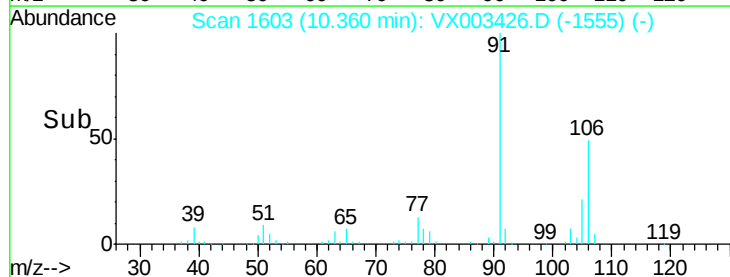
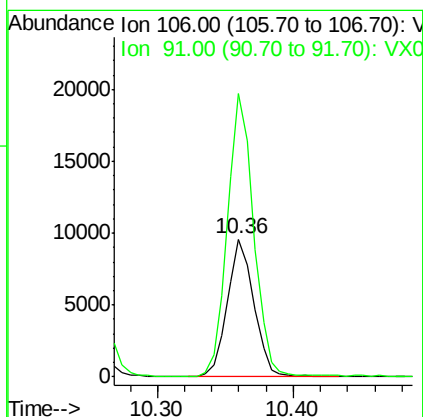
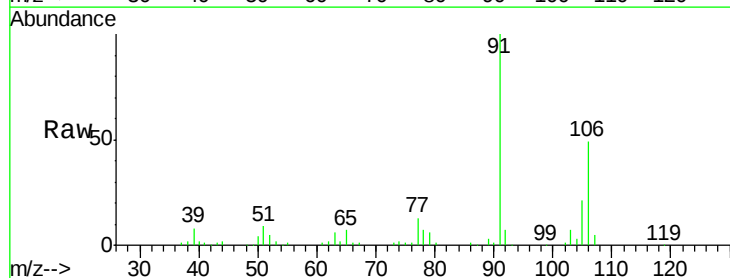
Instrument :
MSVOA_X
ClientSampleId :
RR-BASELINE-WATER

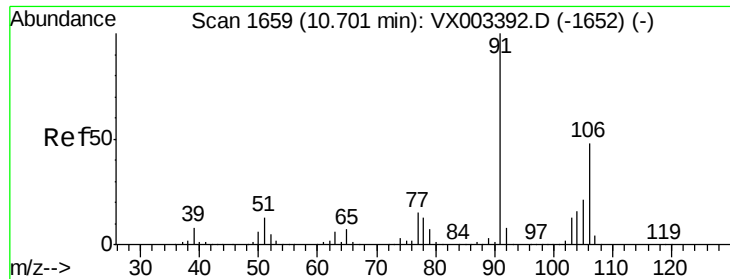
Tot Ion: 91 Resp: 8756
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 2.26 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003426.D
Acq: 17 Jul 2018 14:33

Tgt Ion: 106 Resp: 13089
Ion Ratio Lower Upper
106 100
91 203.2 163.4 245.2

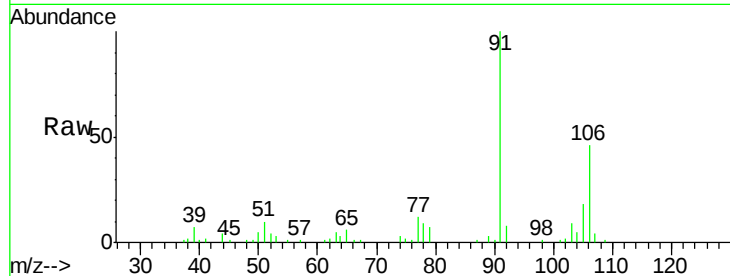




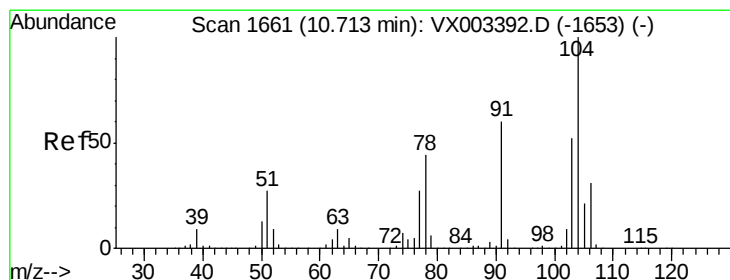
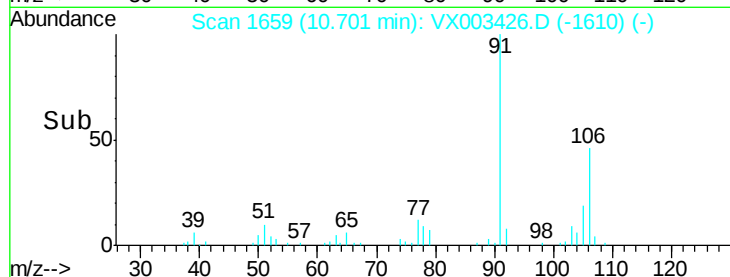
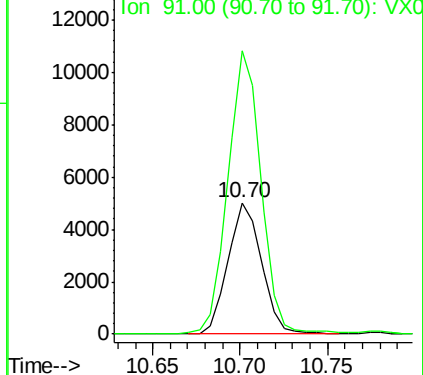
#69
o-Xylene
Concen: 1.21 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003426.D
Acq: 17 Jul 2018 14:33

Instrument :
MSVOA_X
ClientSampleId :
RR-BASELINE-WATER

Tot Ion:106 Resp: 6729
Ion Ratio Lower Upper
106 100
91 213.6 108.2 324.6

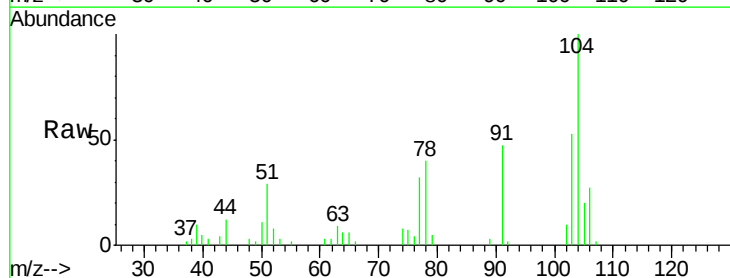


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

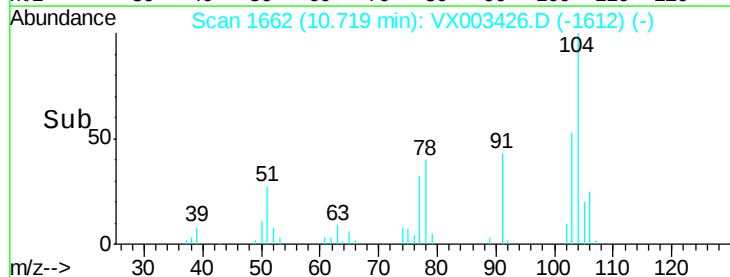
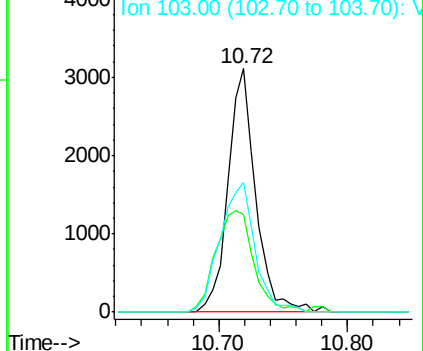


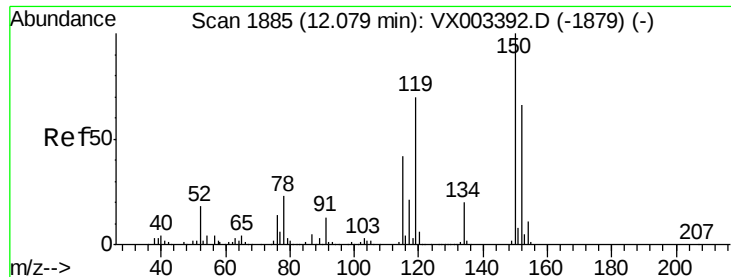
#70
Styrene
Concen: 0.51 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX003426.D
Acq: 17 Jul 2018 14:33

Tgt Ion:104 Resp: 4685
Ion Ratio Lower Upper
104 100
78 57.4 41.0 61.6
103 67.2 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003426.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_X

ClientSampleId :

RR-BASELINE-WATER

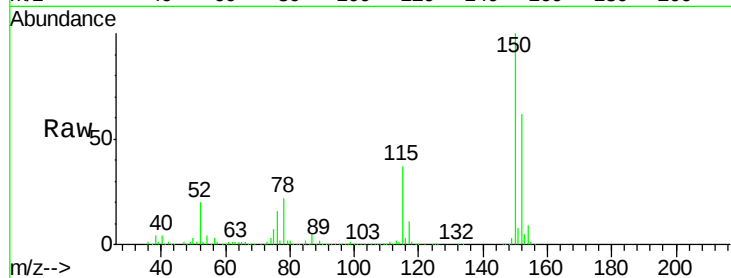
Tot Ion:152 Resp: 240060

Ion Ratio Lower Upper

152 100

115 57.3 40.1 120.2

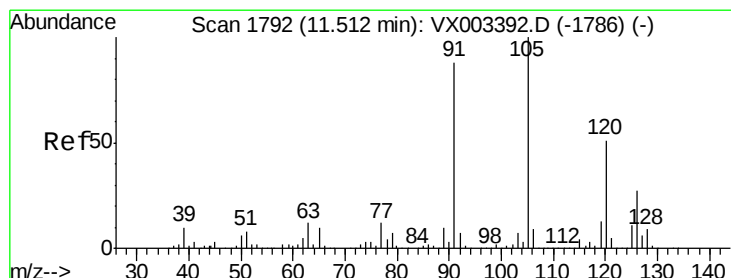
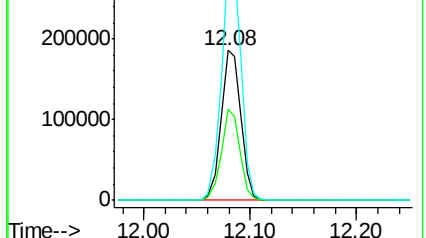
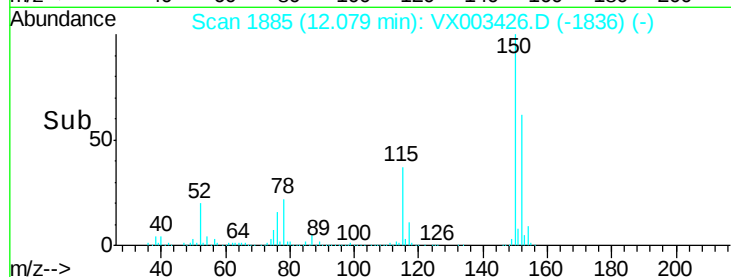
150 158.9 0.0 347.2



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



#80

1,3,5-Trimethylbenzene

Concen: 0.30 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003426.D

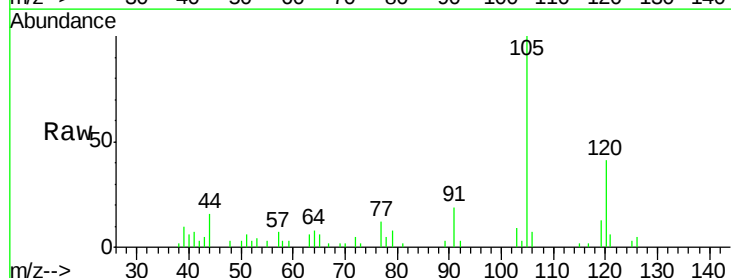
Acq: 17 Jul 2018 14:33

Tgt Ion:105 Resp: 3822

Ion Ratio Lower Upper

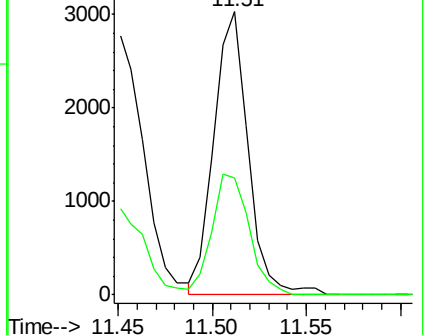
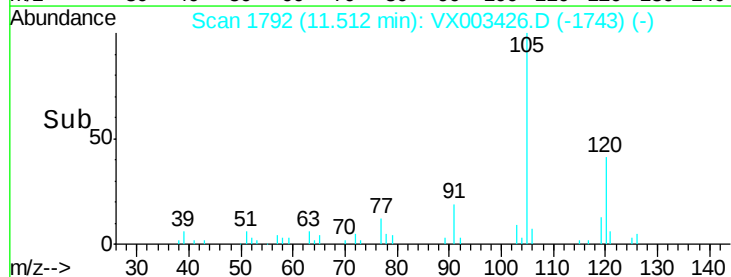
105 100

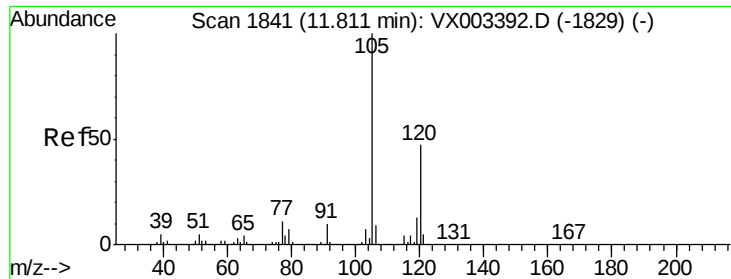
120 46.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

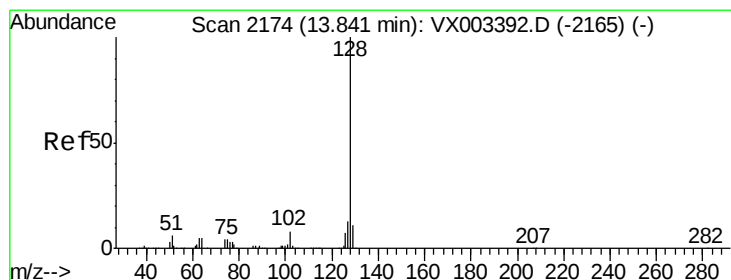
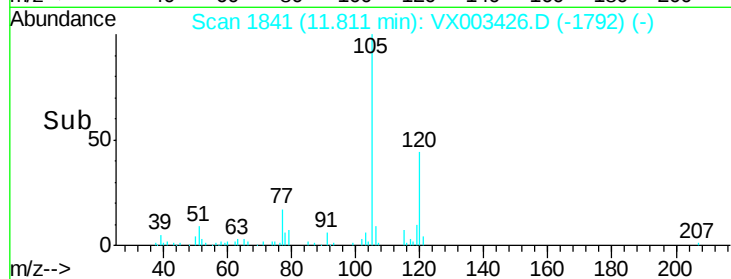
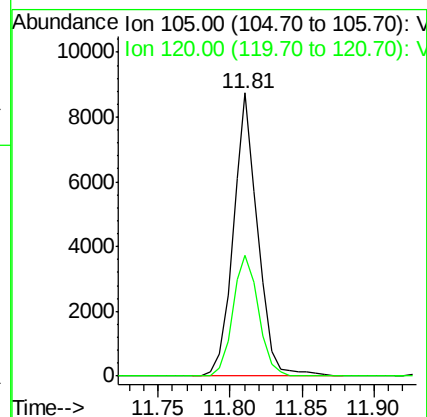
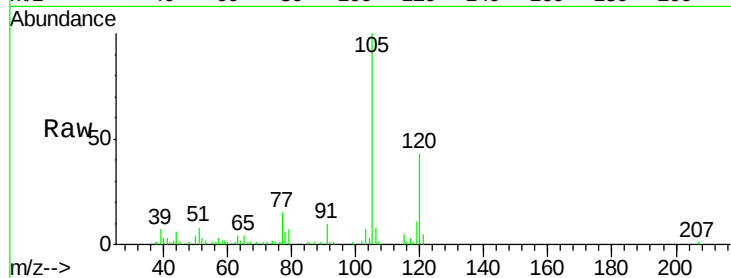




#84
 1,2,4-Trimethylbenzene
 Concen: 0.80 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003426.D
 Acq: 17 Jul 2018 14:33

Instrument :
 MSVOA_X
 ClientSampleId :
 RR-BASELINE-WATER

Tot Ion:105 Resp: 10359
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.8



#95
 Naphthalene
 Concen: 3.73 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: VX003426.D
 Acq: 17 Jul 2018 14:33

Tgt Ion:128 Resp: 58747
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.4 15.6
 129 12.0 8.6 13.0

