

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
 Data File : VX000150.D
 Acq On : 27 Feb 2018 18:00
 Operator : JC/MD
 Sample : J1674-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ClientSampled :
 AFTER-CARBON-2

Quant Time: Feb 28 05:49:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

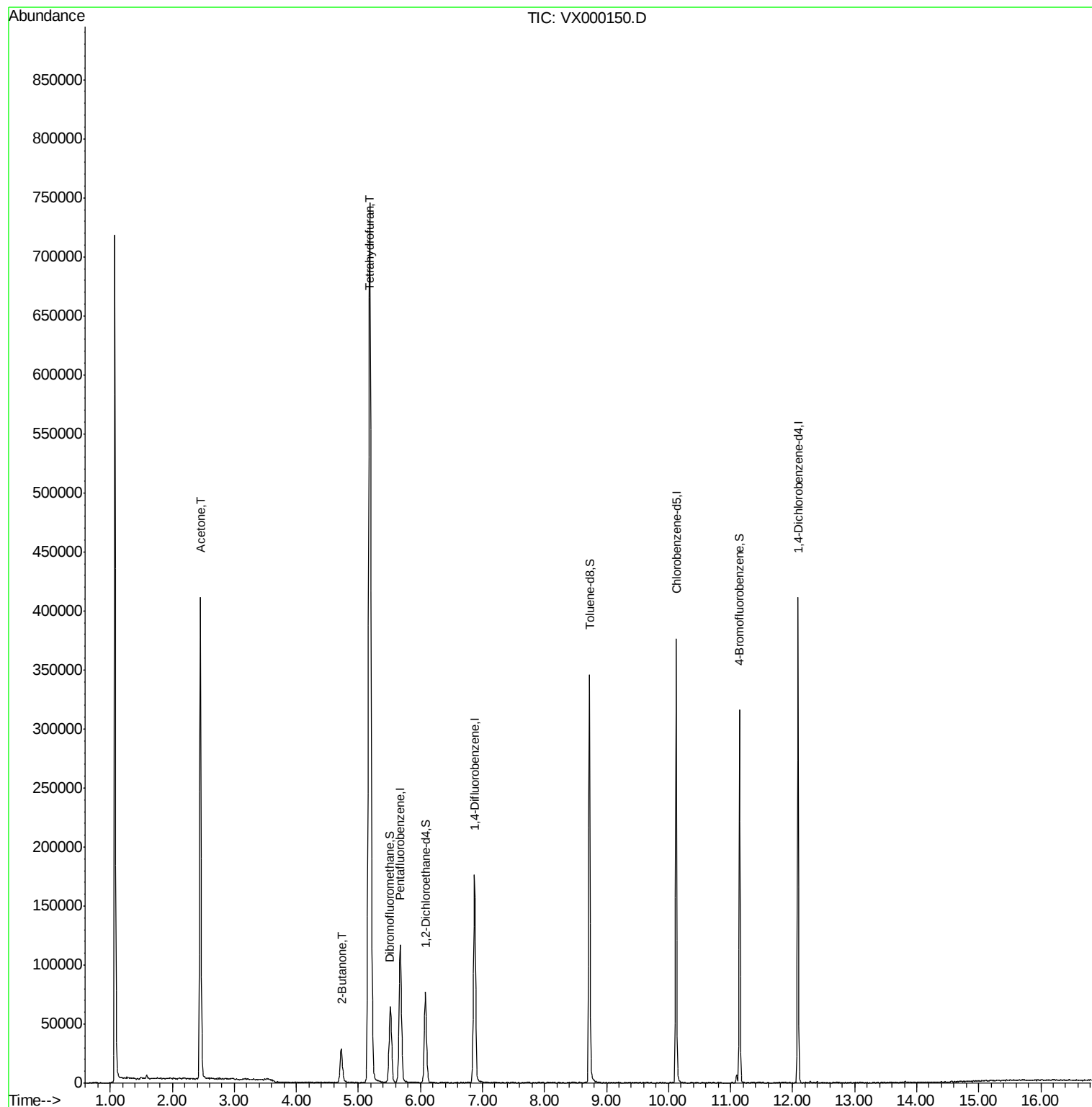
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	107743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	175421	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	160676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	78352	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	67718	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
35) Dibromofluoromethane	5.51	113	52202	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	8.73	98	209479	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.15	95	73025	42.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.28%	
Target Compounds						
16) Acetone	2.45	43	430888	493.79	ug/l	98
25) 2-Butanone	4.72	43	49749	40.84	ug/l	99
29) Tetrahydrofuran	5.18	42	651692	821.49	ug/l	97

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

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QLast Update : Thu Feb 15 12:46:41 2018
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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: VX000150.D

Acq: 27 Feb 2018 18:00

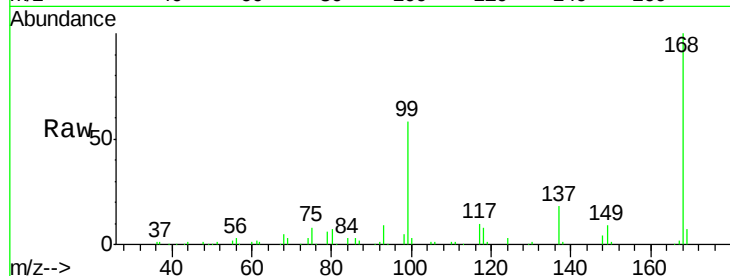
Instrument :
ClientSampleId :
AFTER-CARBON-2

Tot Ion:168 Resp: 107743

Ion Ratio Lower Upper

168 100

99 57.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

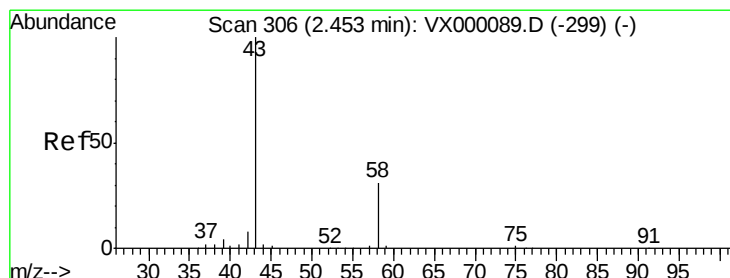
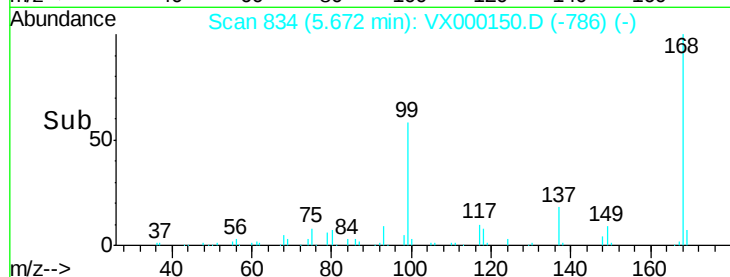
20000

10000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 493.79 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000150.D

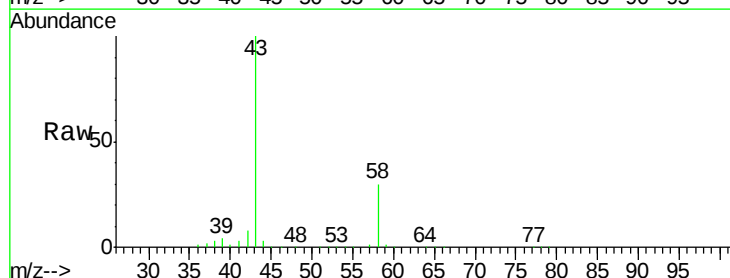
Acq: 27 Feb 2018 18:00

Tgt Ion: 43 Resp: 430888

Ion Ratio Lower Upper

43 100

58 30.2 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

300000

250000

200000

150000

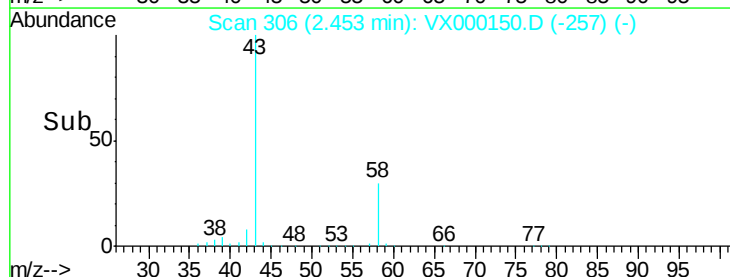
100000

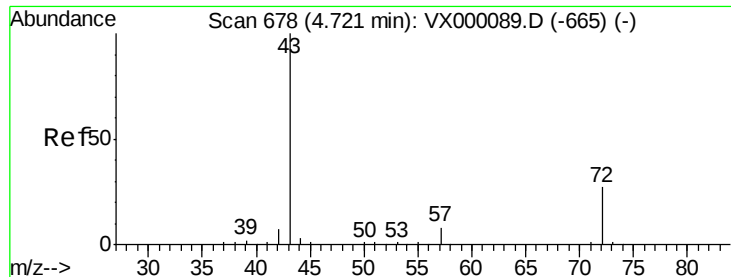
50000

0

Time-->

2.40 2.50 2.60





#25

2-Butanone

Concen: 40.84 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000150.D

Acq: 27 Feb 2018 18:00

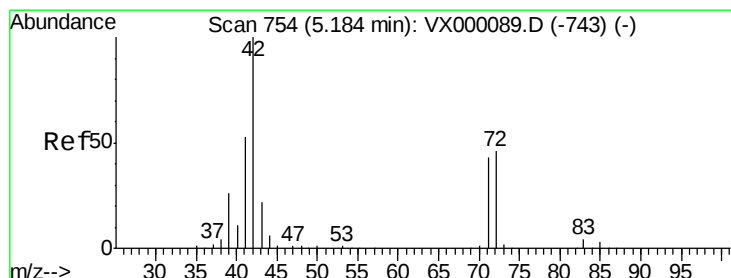
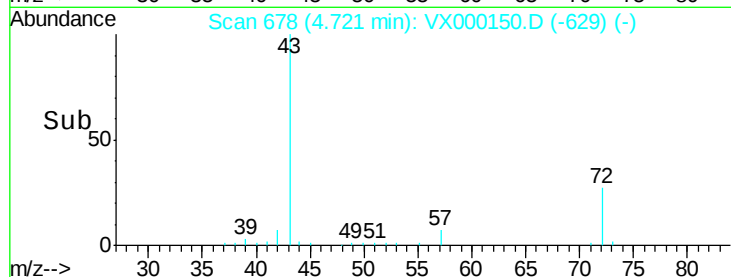
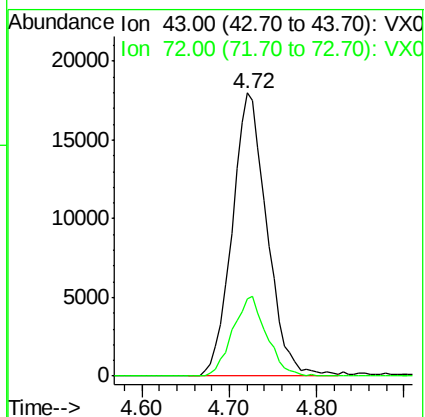
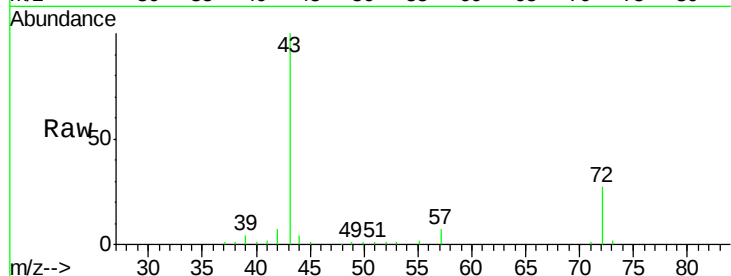
Instrument :
ClientSampled :
AFTER-CARBON-2

Tot Ion: 43 Resp: 49749

Ion Ratio Lower Upper

43 100

72 27.1 21.3 31.9



#29

Tetrahydrofuran

Concen: 821.49 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX000150.D

Acq: 27 Feb 2018 18:00

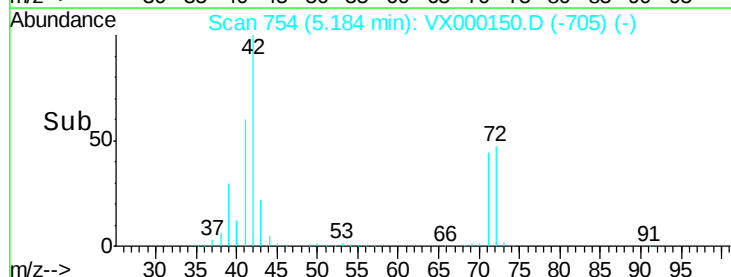
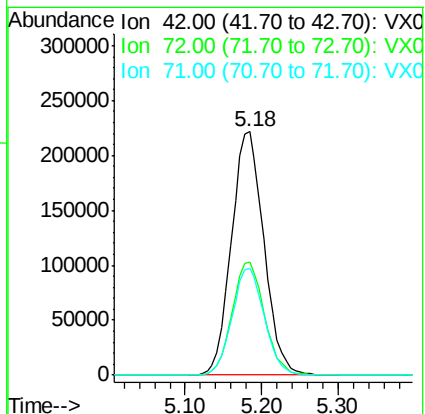
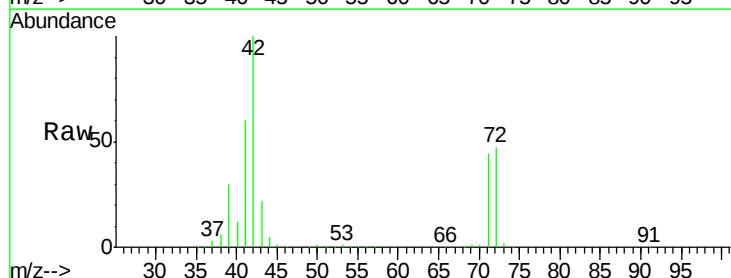
Tgt Ion: 42 Resp: 651692

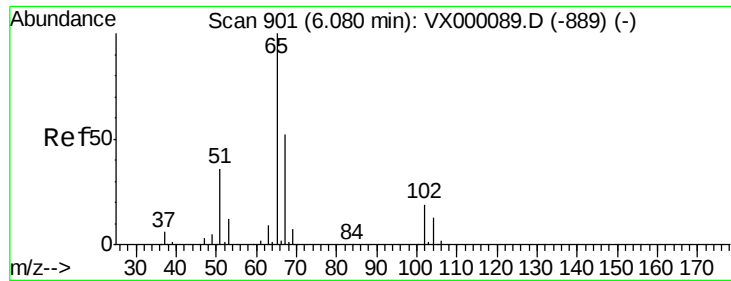
Ion Ratio Lower Upper

42 100

72 46.1 38.6 58.0

71 43.5 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 50.33 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000150.D

Acq: 27 Feb 2018 18:00

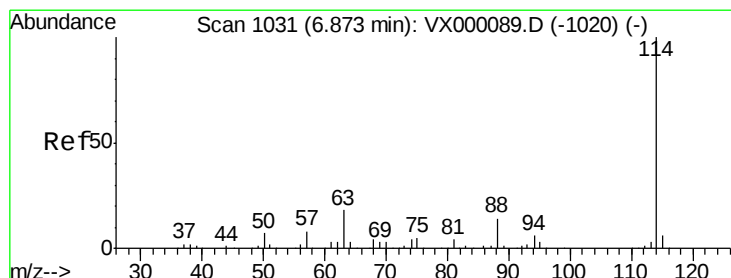
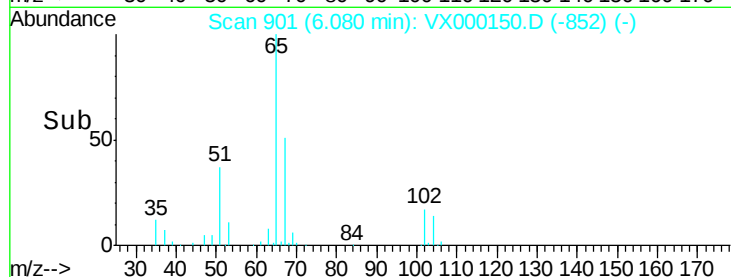
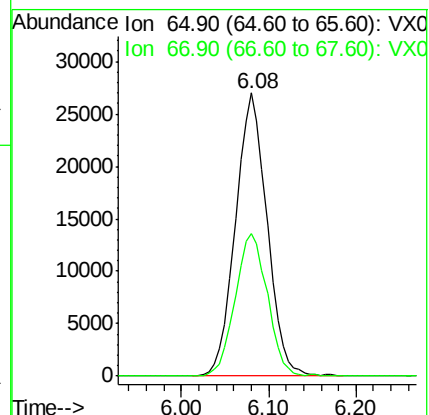
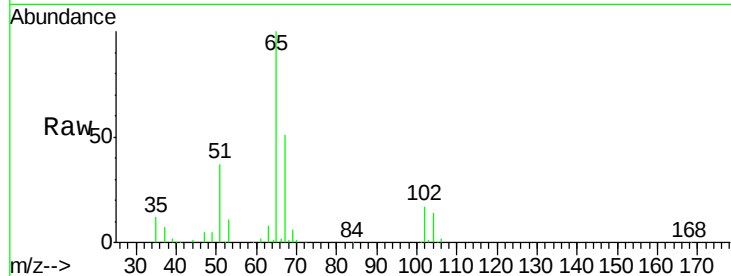
Instrument :
ClientSampled :
AFTER-CARBON-2

Tot Ion: 65 Resp: 67718

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000150.D

Acq: 27 Feb 2018 18:00

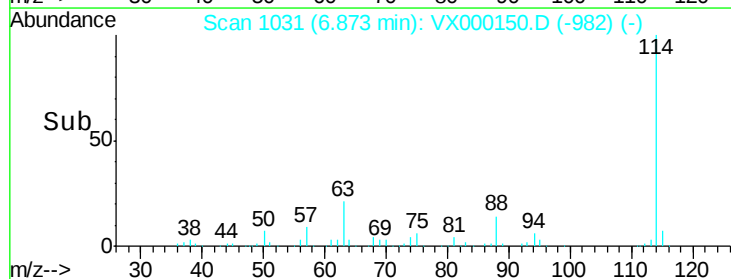
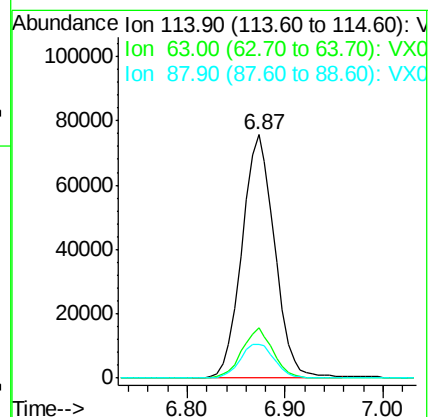
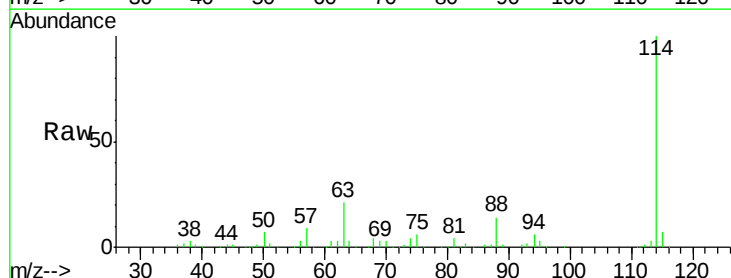
Tgt Ion: 114 Resp: 175421

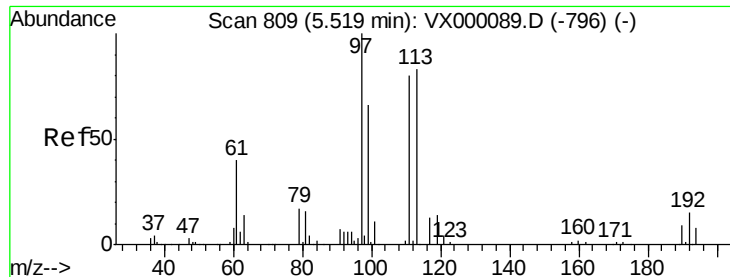
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 13.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.15 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000150.D

Acq: 27 Feb 2018 18:00

Instrument :

ClientSampled :

AFTER-CARBON-2

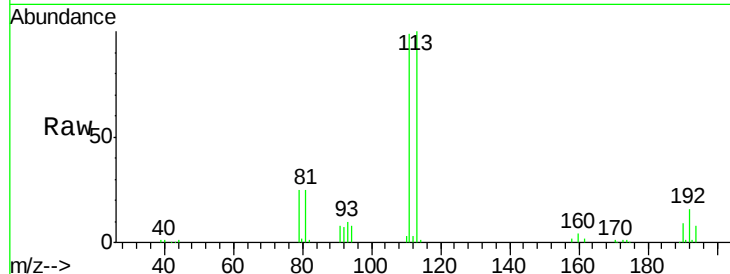
Tot Ion:113 Resp: 52202

Ion Ratio Lower Upper

113 100

111 101.7 81.0 121.6

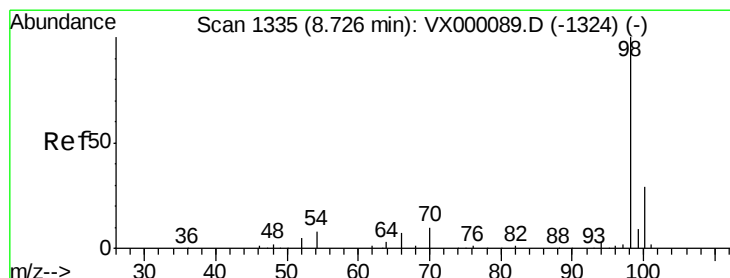
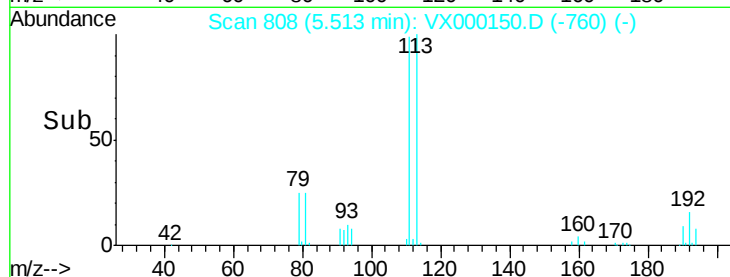
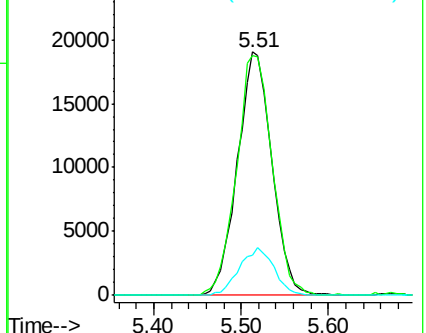
192 19.6 15.7 23.5



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: 47.96 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000150.D

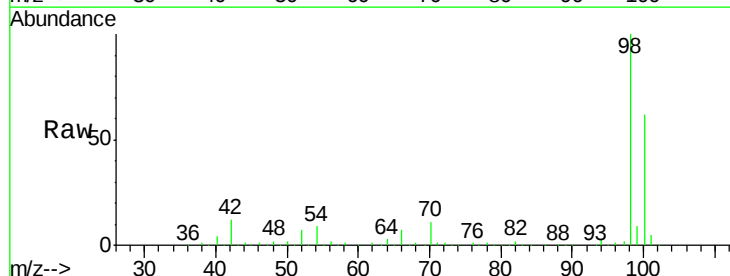
Acq: 27 Feb 2018 18:00

Tgt Ion: 98 Resp: 209479

Ion Ratio Lower Upper

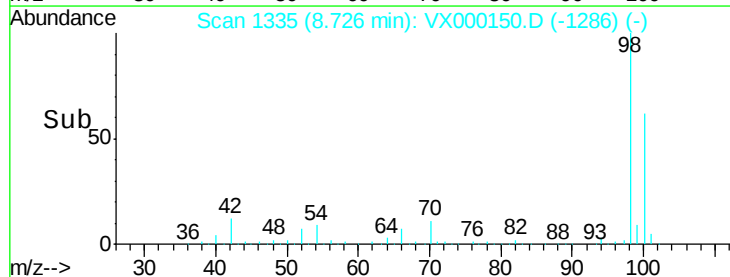
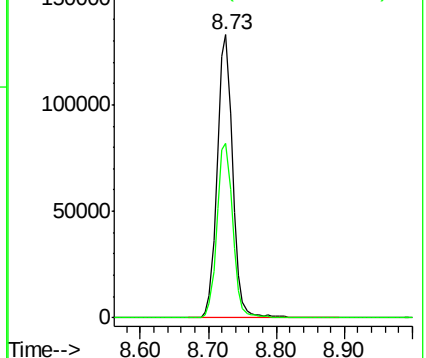
98 100

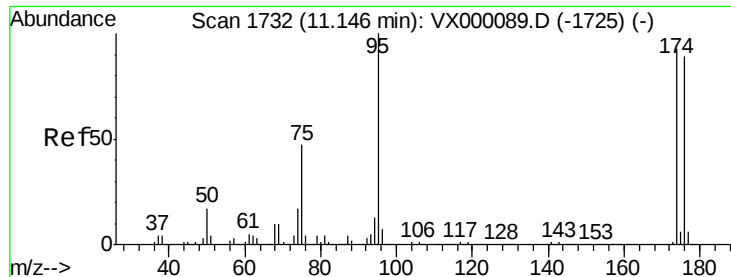
100 63.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.64 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000150.D

Acq: 27 Feb 2018 18:00

Instrument :

ClientSampled :

AFTER-CARBON-2

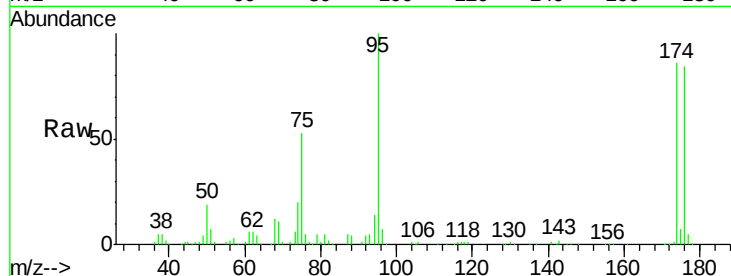
Tot Ion: 95 Resp: 73025

Ion Ratio Lower Upper

95 100

174 85.0 0.0 187.8

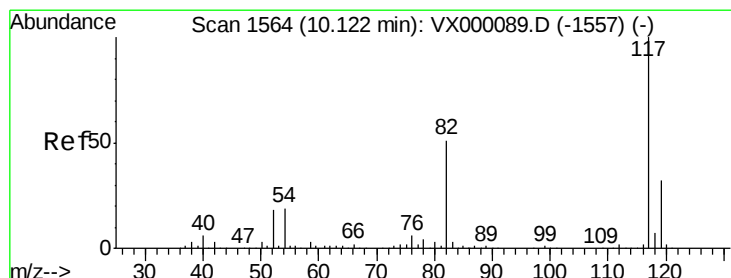
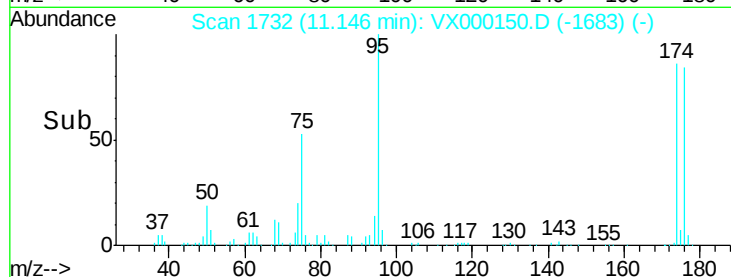
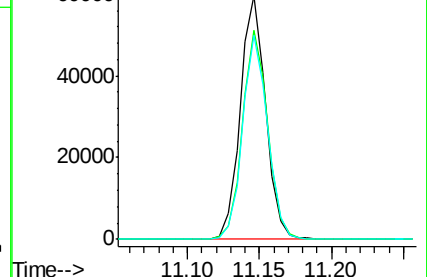
176 82.6 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VX000089.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000089.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000089.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000150.D

Acq: 27 Feb 2018 18:00

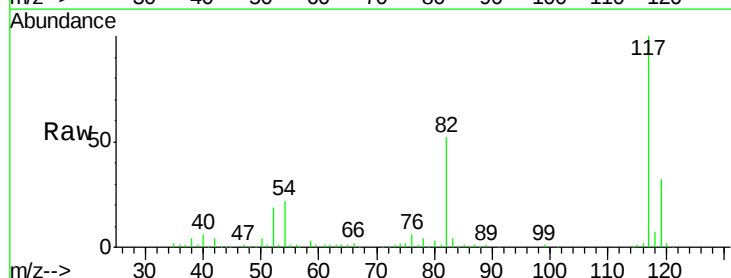
Tgt Ion: 117 Resp: 160676

Ion Ratio Lower Upper

117 100

82 52.3 41.0 61.6

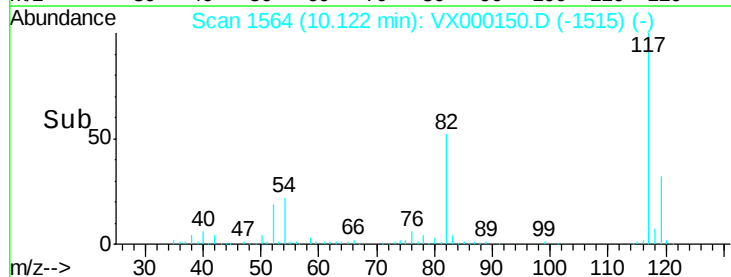
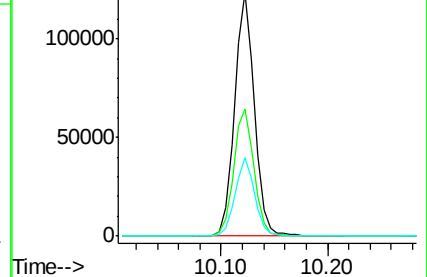
119 32.5 25.5 38.3

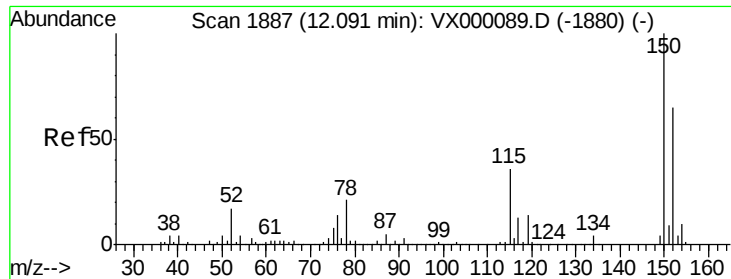


Abundance Ion 116.90 (116.60 to 117.60): VX000089.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000089.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000089.D (-1557) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000150.D

Acq: 27 Feb 2018 18:00

Instrument :

ClientSampleId :
AFTER-CARBON-2

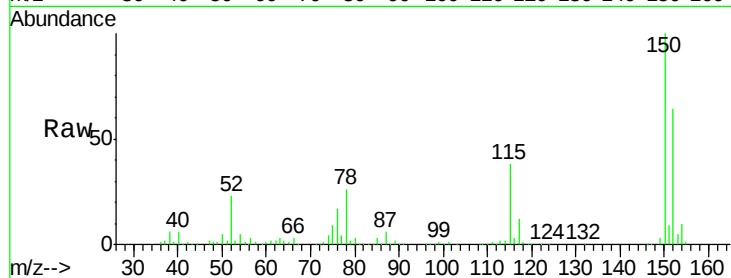
Tot Ion:152 Resp: 78352

Ion Ratio Lower Upper

152 100

115 58.6 39.1 117.2

150 157.3 0.0 348.2



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

