

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001747.D
 Acq On : 15 May 2018 16:02
 Operator : JC/MD
 Sample : J2737-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0454-180503

Quant Time: May 16 05:22:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

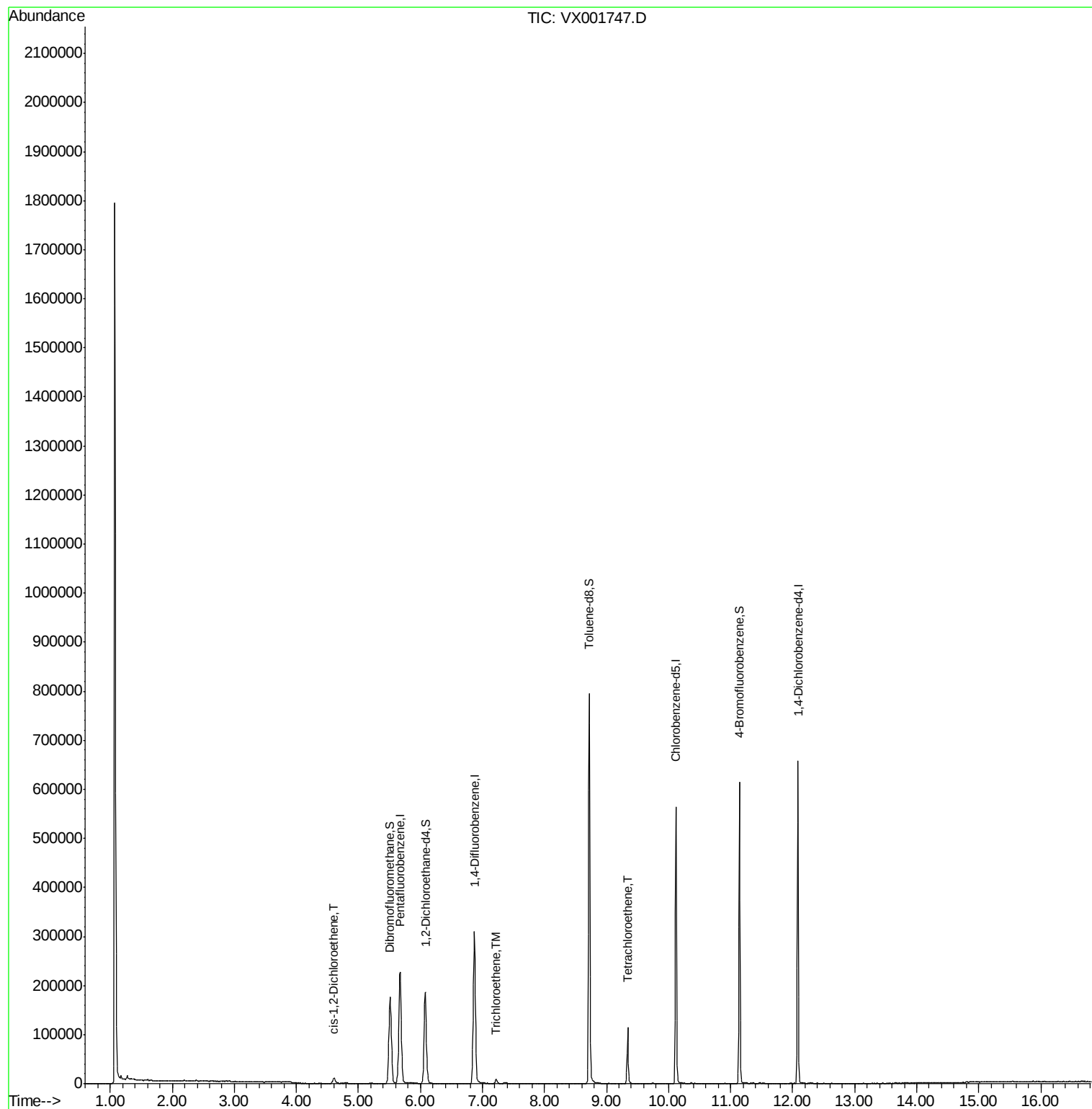
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	276607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	142869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	176141	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
35) Dibromofluoromethane	5.51	113	144017	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
50) Toluene-d8	8.72	98	479518	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.15	95	153373	43.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.66%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	6652	2.20	ug/l	84
44) Trichloroethene	7.22	130	3610	1.05	ug/l	95
64) Tetrachloroethene	9.34	164	24454	6.79	ug/l	98

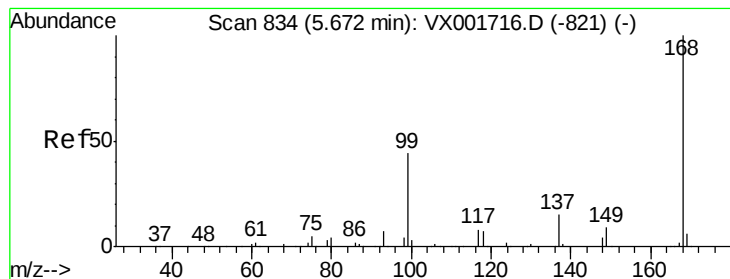
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001747.D

Acq: 15 May 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

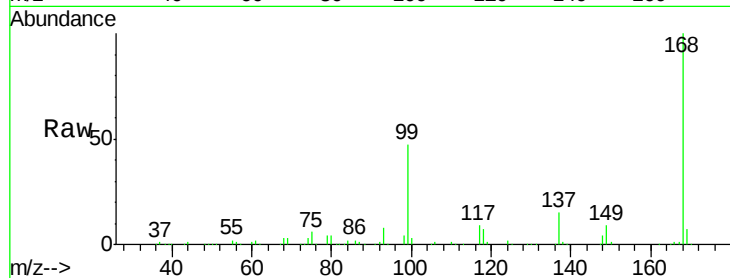
DUP-0454-180503

Tot Ion:168 Resp: 243565

Ion Ratio Lower Upper

168 100

99 47.1 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

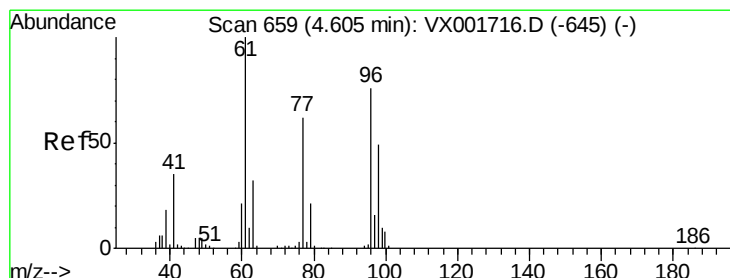
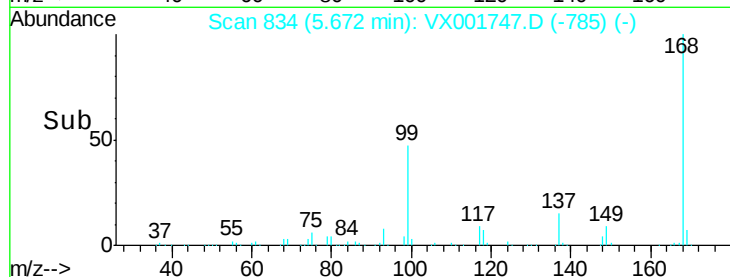
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 2.20 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

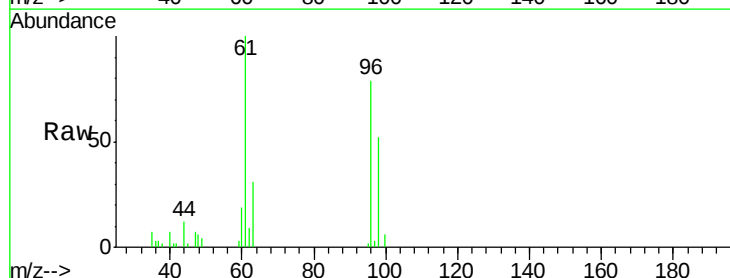
Tgt Ion: 96 Resp: 6652

Ion Ratio Lower Upper

96 100

61 168.1 0.0 280.4

98 64.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4000

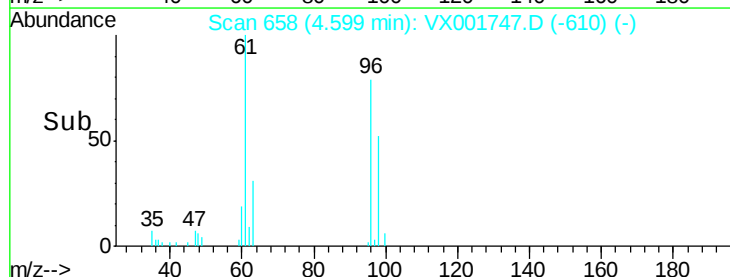
3000

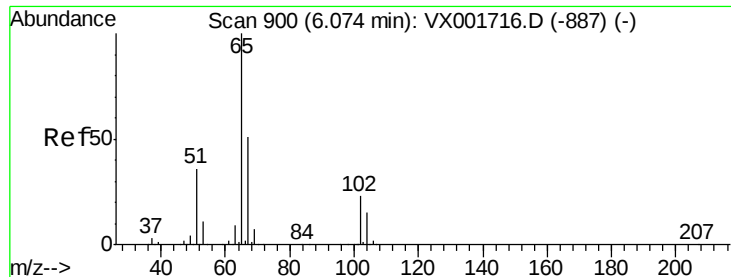
2000

1000

0

Time--> 4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 53.95 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

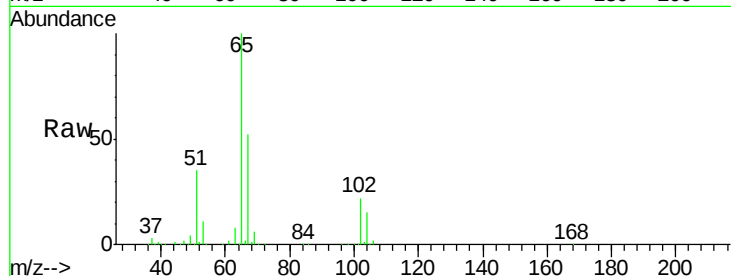
DUP-0454-180503

Tot Ion: 65 Resp: 176141

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX001716.D (-887) (-)

Ion 66.90 (66.60 to 67.60): VX001716.D (-887) (-)

6.08

80000

60000

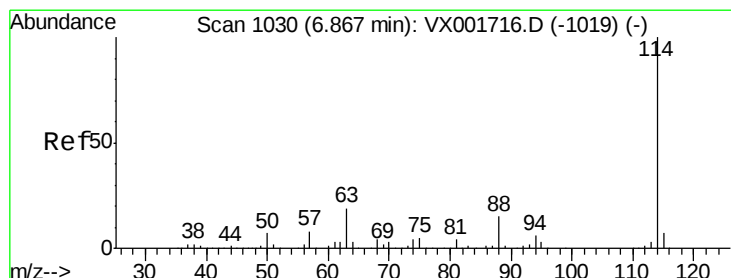
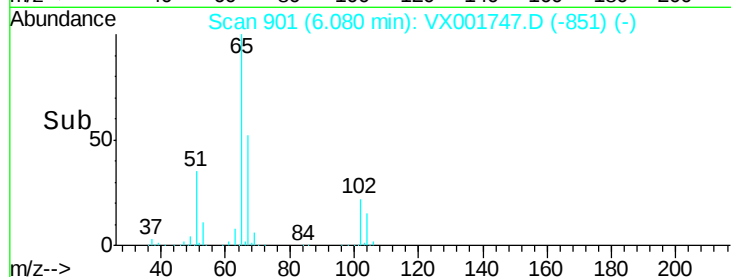
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

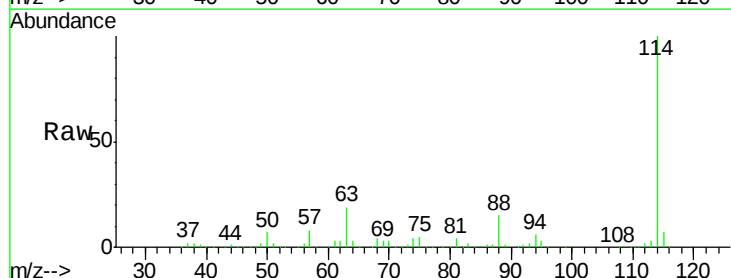
Tgt Ion: 114 Resp: 325298

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.0

88 14.7 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): VX001716.D (-1019) (-)

Ion 63.00 (62.70 to 63.70): VX001716.D (-1019) (-)

Ion 87.90 (87.60 to 88.60): VX001716.D (-1019) (-)

6.87

150000

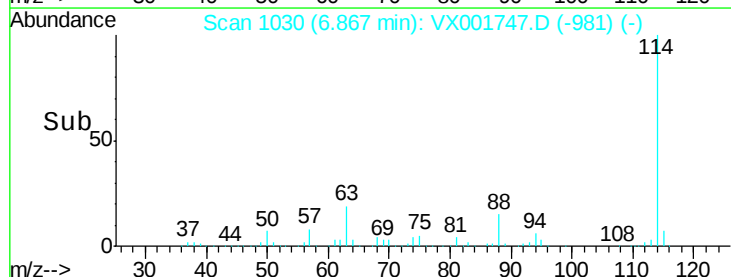
100000

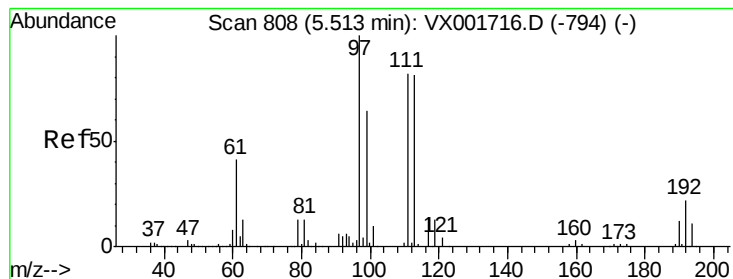
50000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 52.46 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

DUP-0454-180503

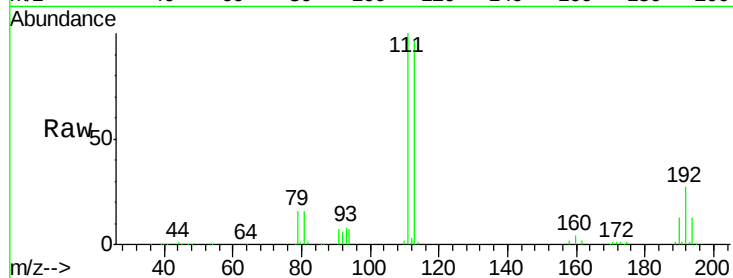
Tot Ion:113 Resp: 144017

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

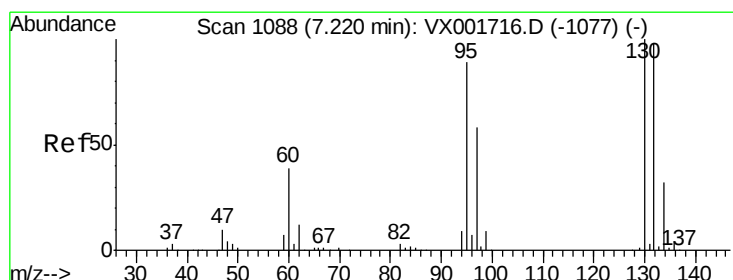
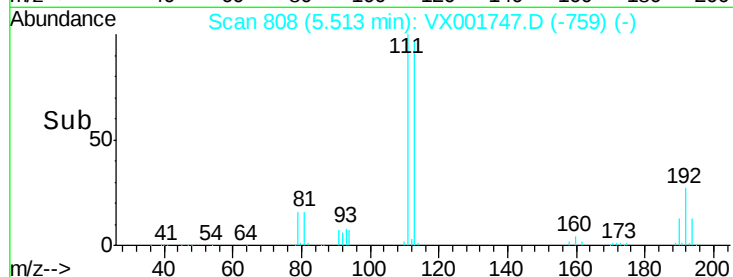
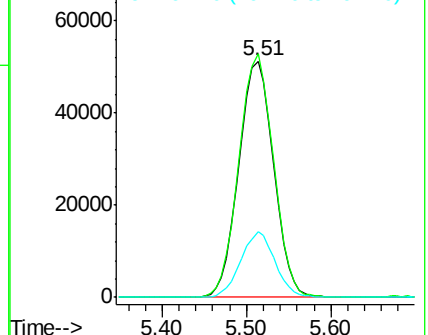
192 27.2 21.6 32.4



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



#44

Trichloroethene

Concen: 1.05 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001747.D

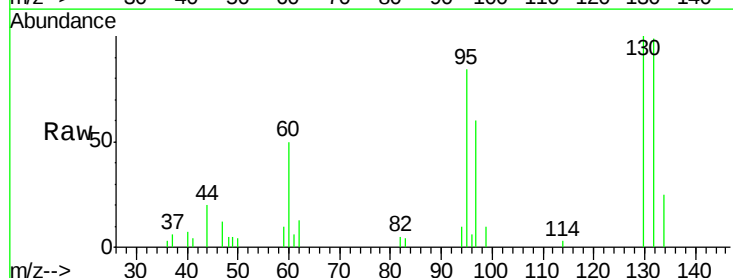
Acq: 15 May 2018 16:02

Tgt Ion:130 Resp: 3610

Ion Ratio Lower Upper

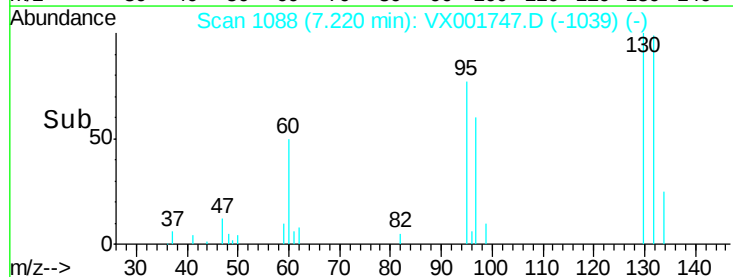
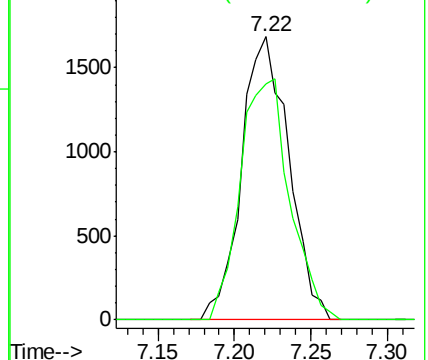
130 100

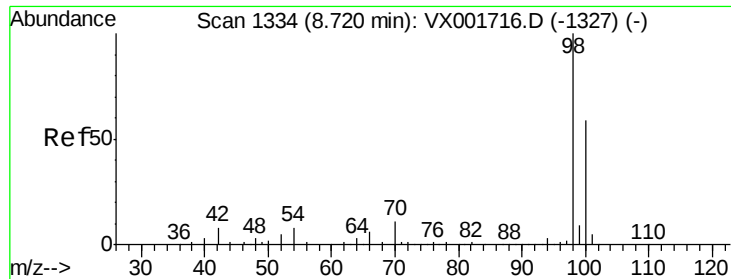
95 83.6 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.77 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

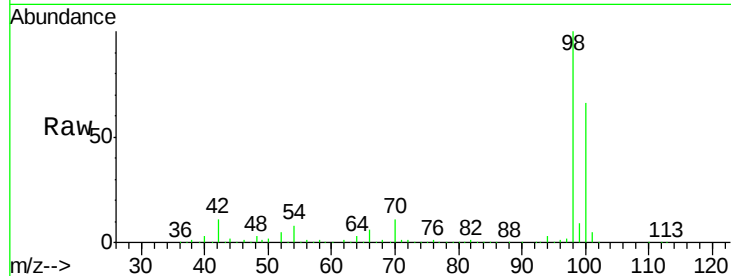
DUP-0454-180503

Tot Ion: 98 Resp: 479518

Ion Ratio Lower Upper

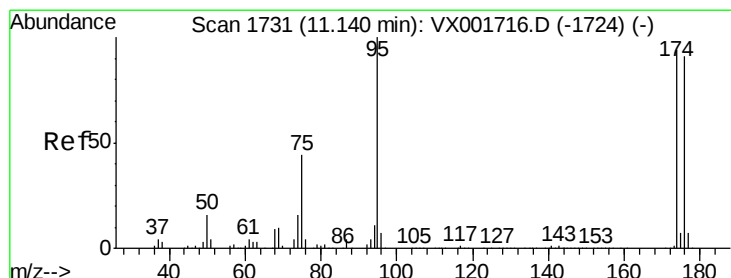
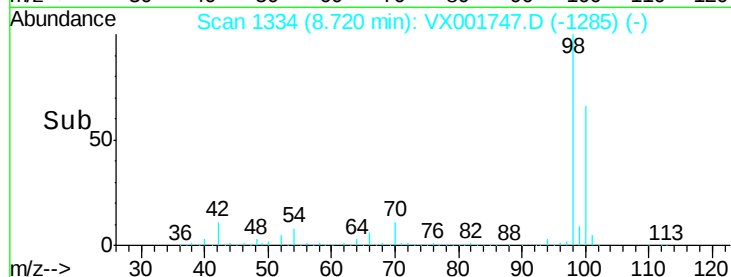
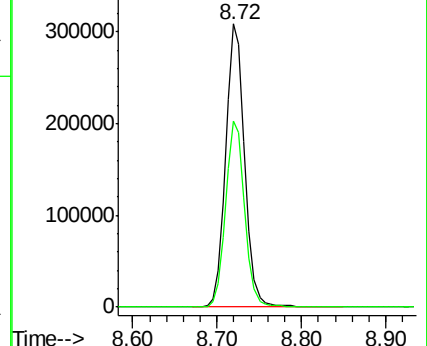
98 100

100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.33 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

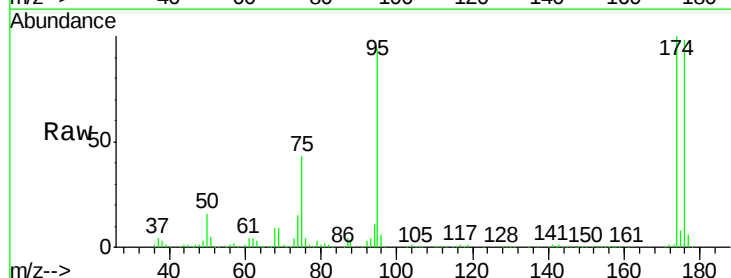
Tgt Ion: 95 Resp: 153373

Ion Ratio Lower Upper

95 100

174 102.5 0.0 201.8

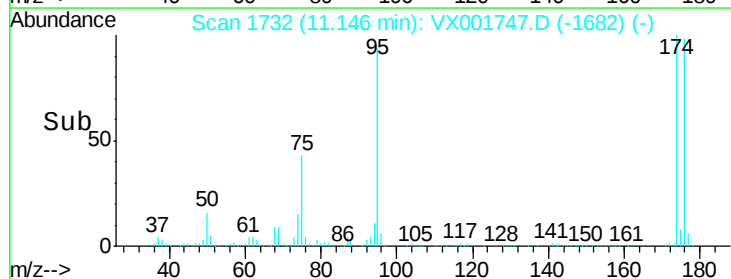
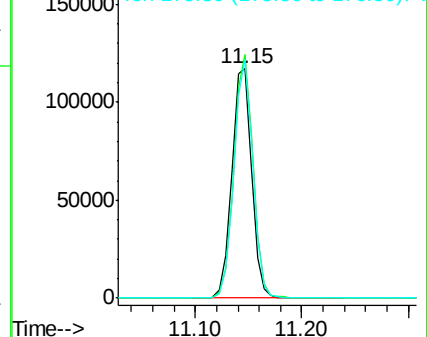
176 99.1 0.0 196.8

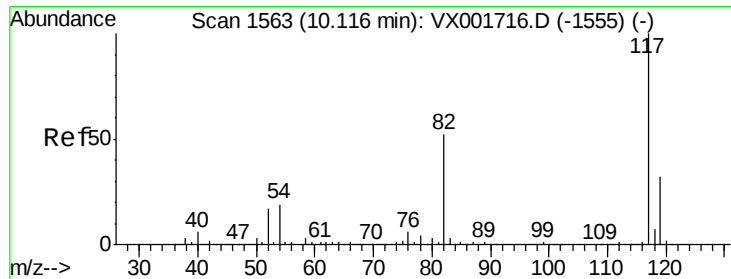


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

DUP-0454-180503

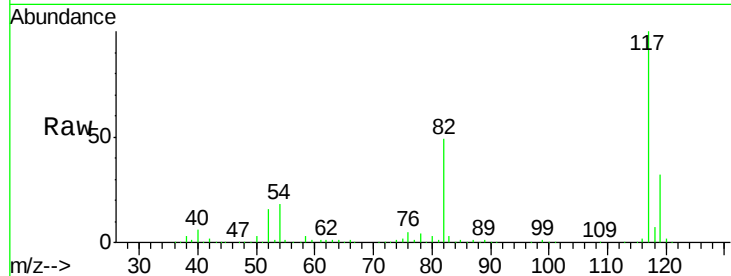
Tot Ion:117 Resp: 276607

Ion Ratio Lower Upper

117 100

82 49.4 41.4 62.2

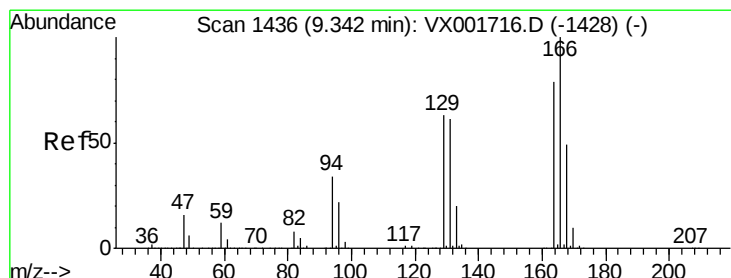
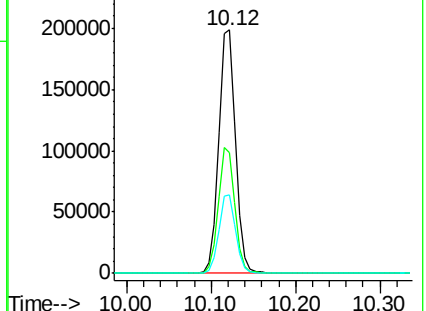
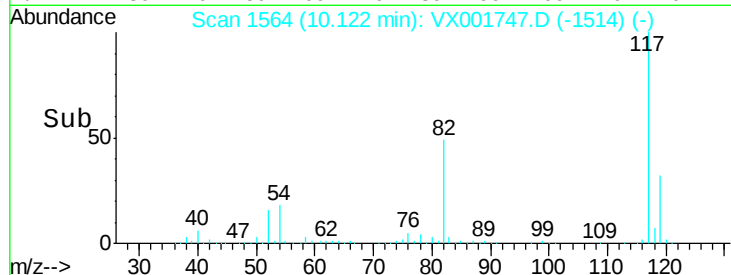
119 32.3 25.6 38.4



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



#64

Tetrachloroethene

Concen: 6.79 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

Tgt Ion:164 Resp: 24454

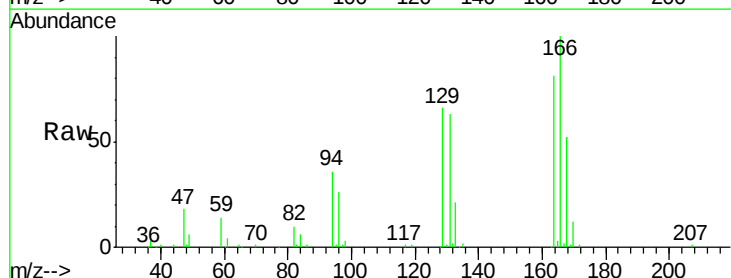
Ion Ratio Lower Upper

164 100

166 122.8 101.8 152.8

129 81.0 63.8 95.6

131 77.9 62.2 93.2

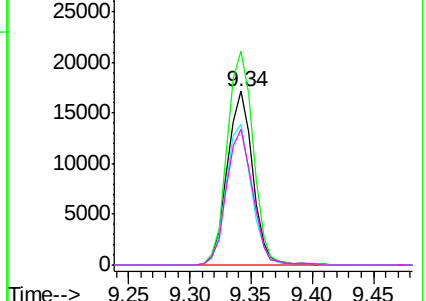
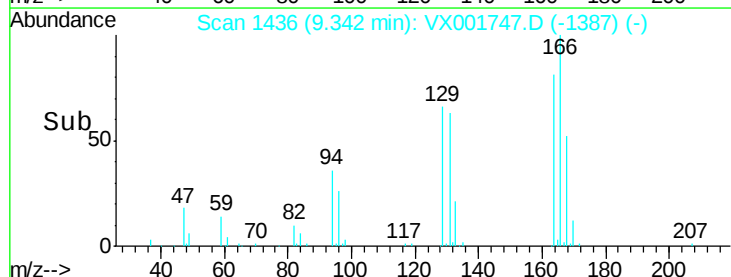


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

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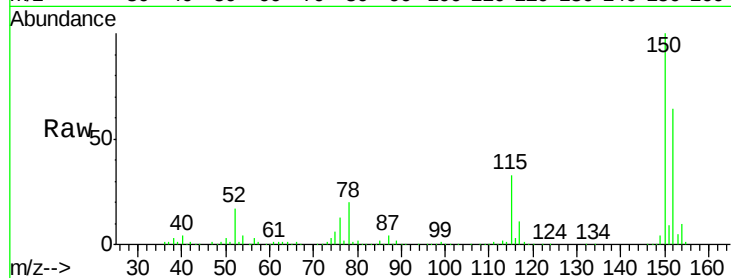
Tot Ion:152 Resp: 142869

Ion Ratio Lower Upper

152 100

115 51.4 37.4 112.2

150 155.7 0.0 344.8



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

