

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052118\
 Data File : VX001873.D
 Acq On : 21 May 2018 13:17
 Operator : JC/MD
 Sample : J2853-02RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY074MW067-180507RE

Quant Time: May 22 02:01:27 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

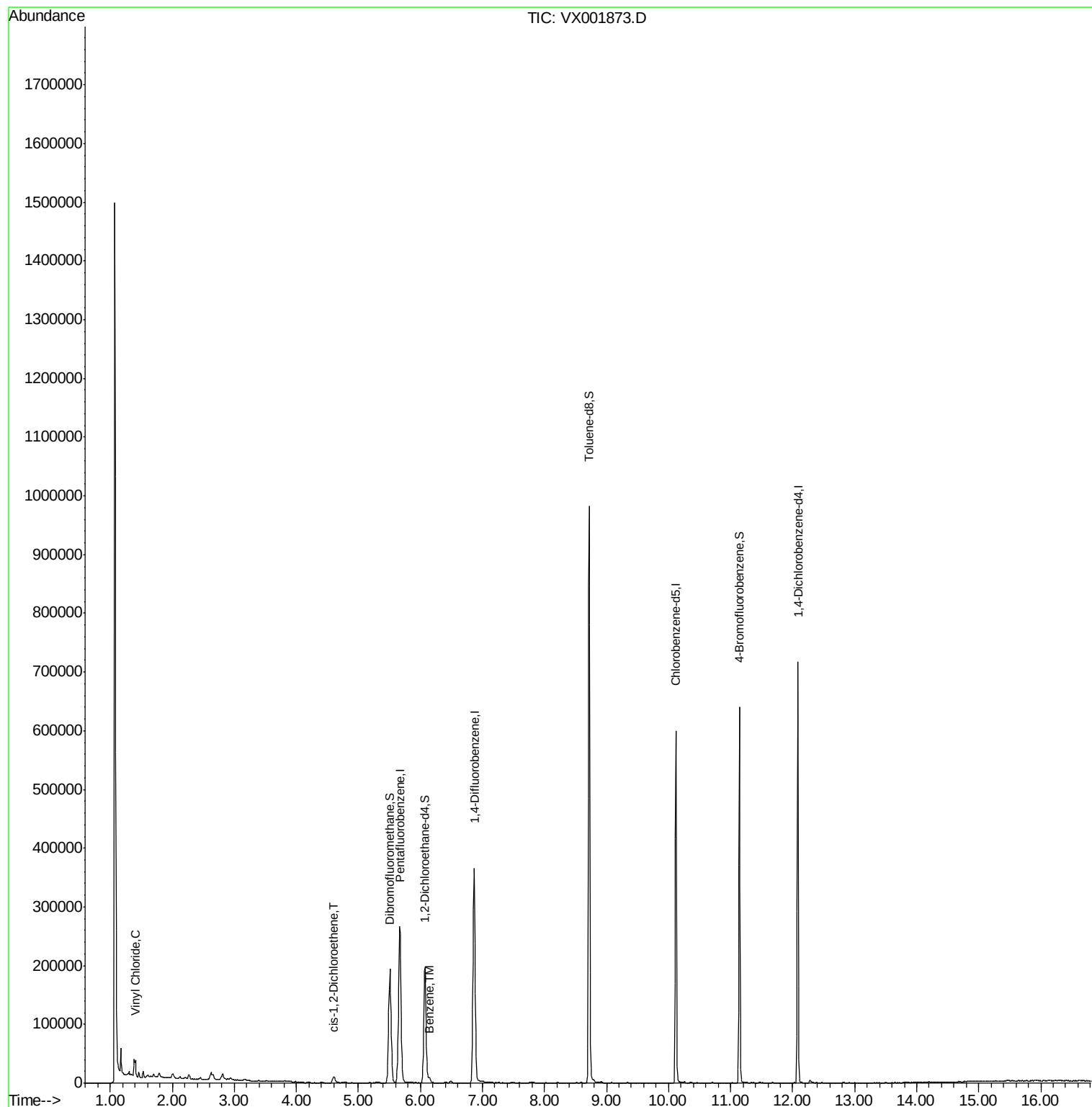
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	393287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	159293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	183068	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
35) Dibromofluoromethane	5.51	113	162249	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
50) Toluene-d8	8.72	98	584825	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.14	95	159318	37.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.44%	
Target Compounds						
4) Vinyl Chloride	1.40	62	7775	2.286	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	6124	1.703	ug/l	75
40) Benzene	6.15	78	9198	0.690	ug/l	100

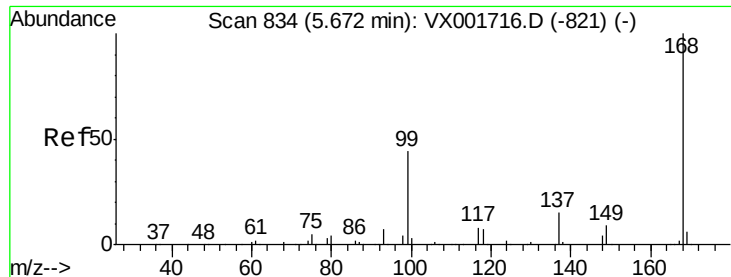
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001873.D

Acq: 21 May 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

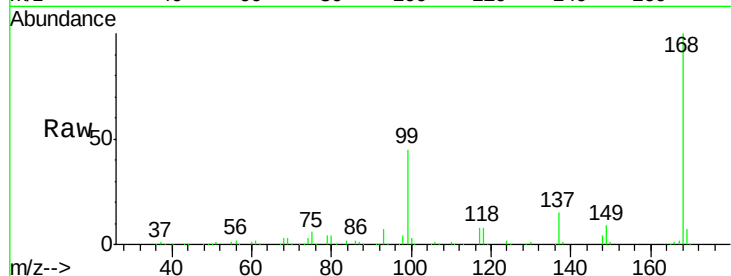
KY074MW067-180507RE

Tot Ion:168 Resp: 290168

Ion Ratio Lower Upper

168 100

99 45.0 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

120000

100000

80000

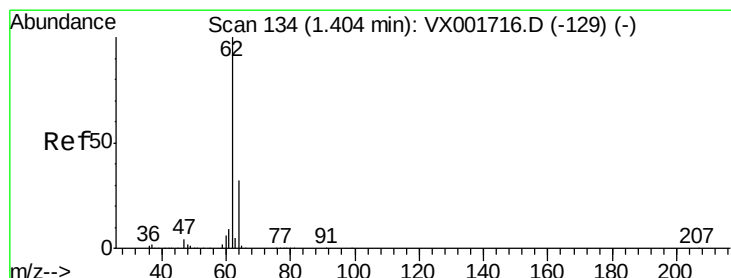
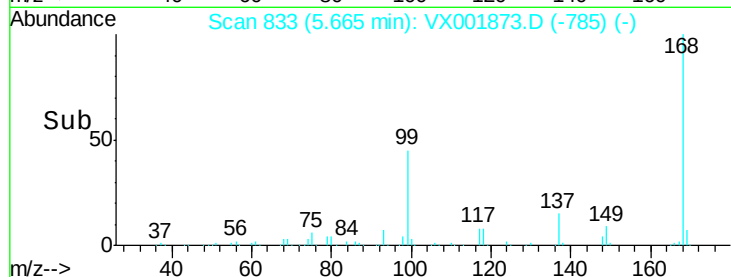
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 2.286 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001873.D

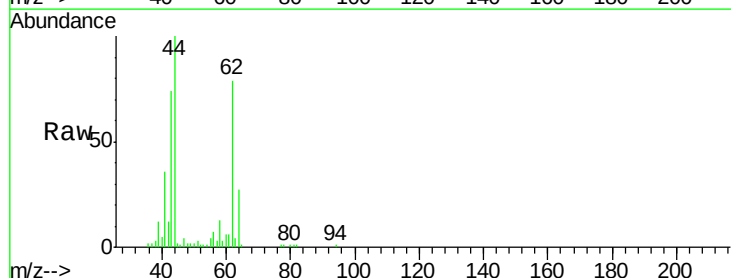
Acq: 21 May 2018 13:17

Tgt Ion: 62 Resp: 7775

Ion Ratio Lower Upper

62 100

64 33.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

8000

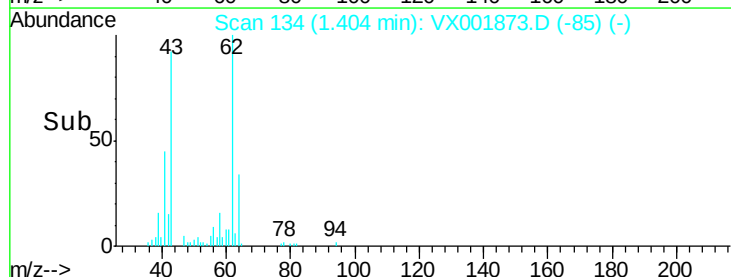
6000

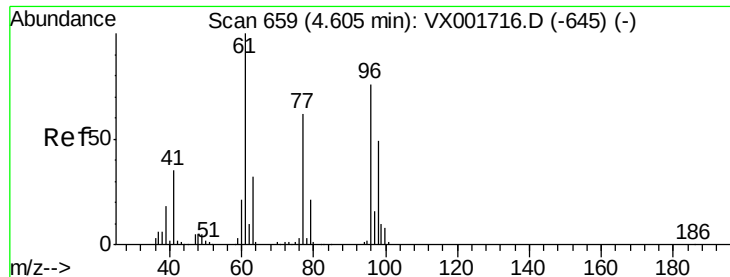
4000

2000

0

Time--> 1.35 1.40 1.45 1.50



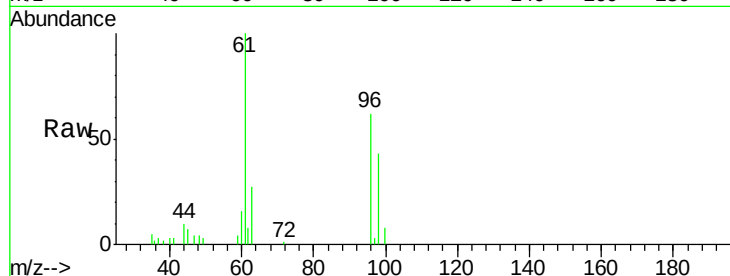


#27

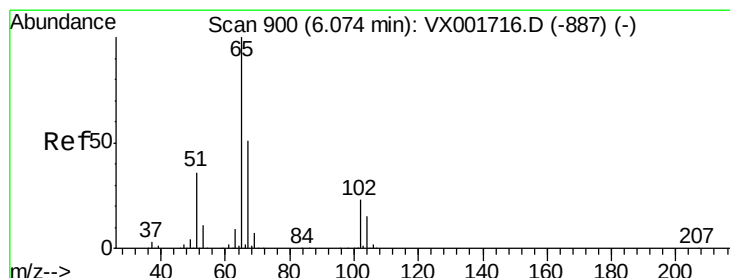
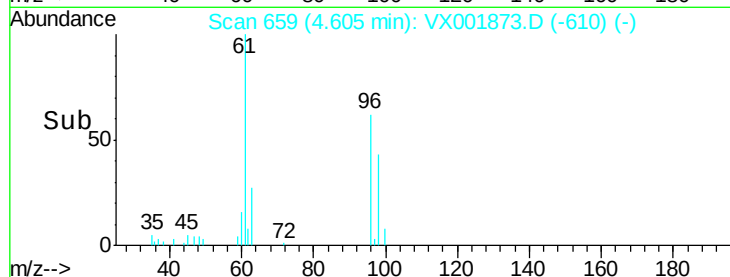
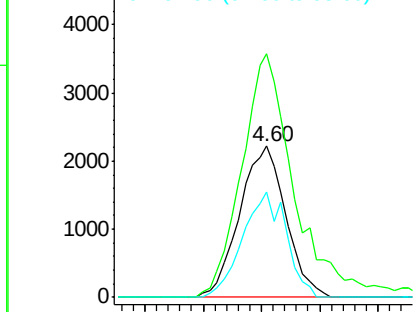
cis-1,2-Dichloroethene
Concen: 1.703 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001873.D
Acq: 21 May 2018 13:17

Instrument :
MSVOA_X
ClientSampleId :
KY074MW067-180507RE

Tot Ion: 96 Resp: 6124
Ion Ratio Lower Upper
96 100
61 183.9 0.0 280.4
98 65.9 0.0 128.4



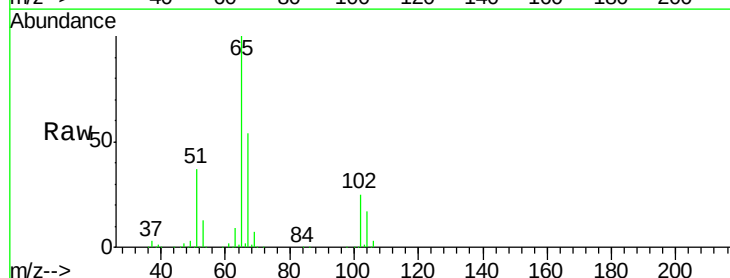
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



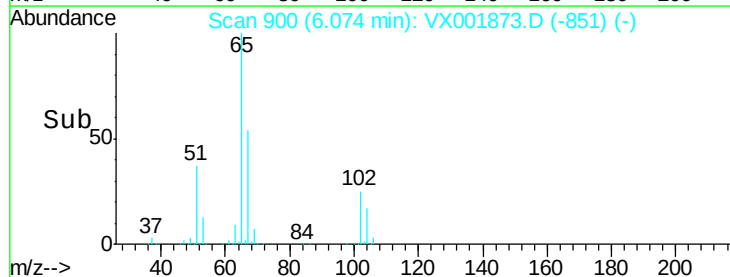
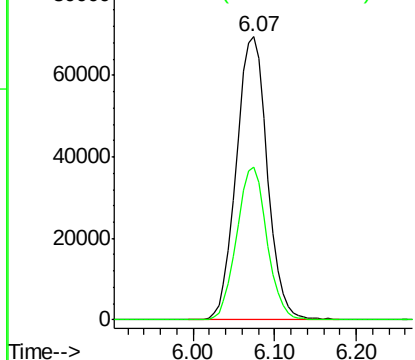
#33

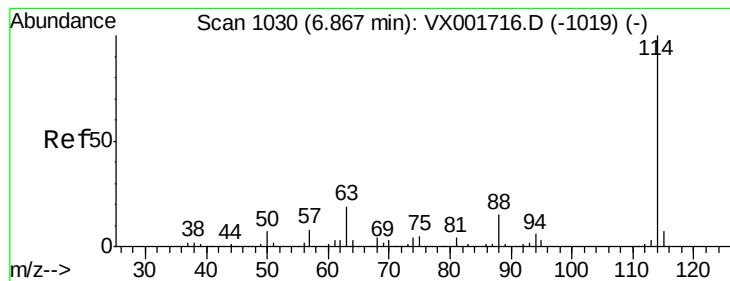
1,2-Dichloroethane-d4
Concen: 47.069 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001873.D
Acq: 21 May 2018 13:17

Tgt Ion: 65 Resp: 183068
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001873.D

Acq: 21 May 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

KY074MW067-180507RE

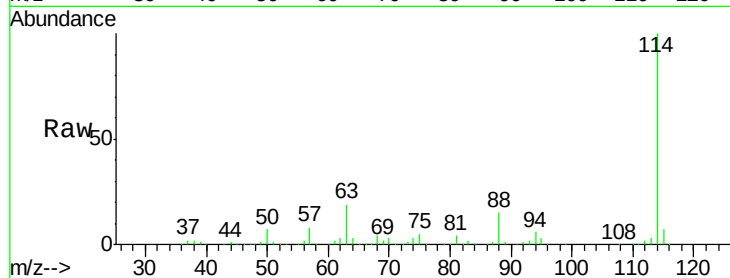
Tot Ion:114 Resp: 393287

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.0

88 14.7 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

100000

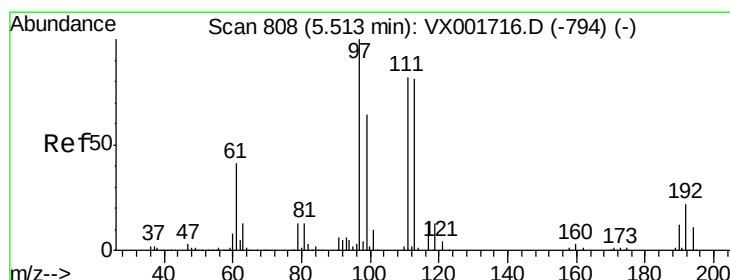
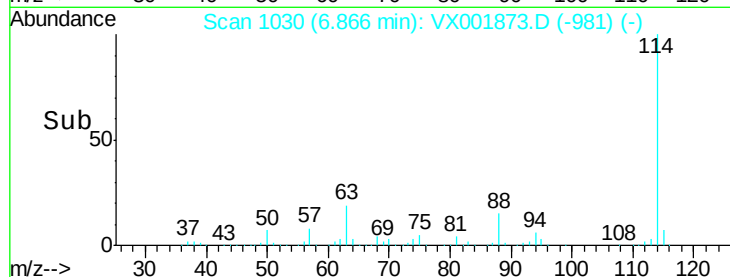
50000

0

6.87

6.80 7.00 7.20

Time-->



#35

Dibromofluoromethane

Concen: 48.885 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001873.D

Acq: 21 May 2018 13:17

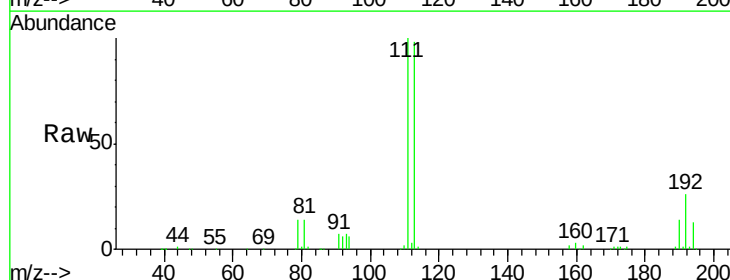
Tgt Ion:113 Resp: 162249

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

192 27.5 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

80000

60000

40000

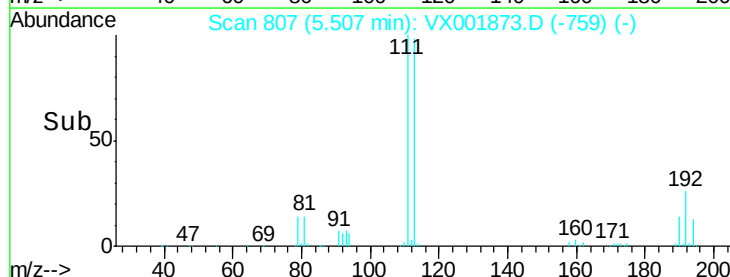
20000

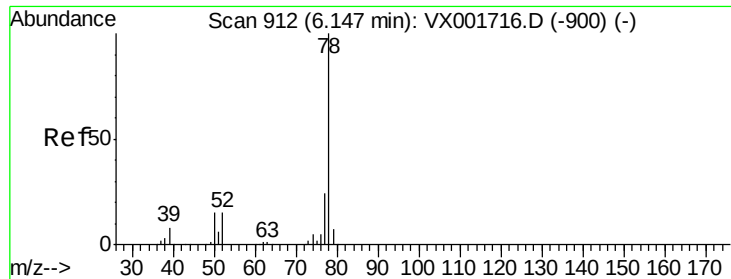
0

5.51

5.40 5.60

Time-->





#40

Benzene

Concen: 0.690 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX001873.D

Acq: 21 May 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

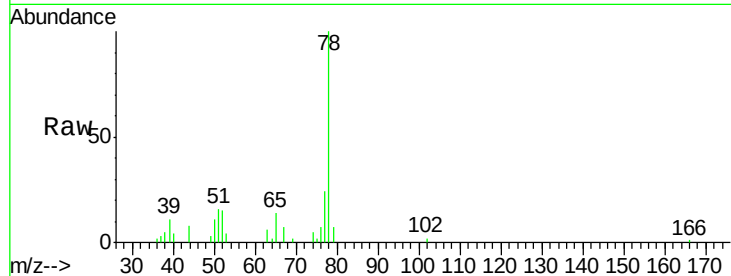
KY074MW067-180507RE

Tot Ion: 78 Resp: 9198

Ion Ratio Lower Upper

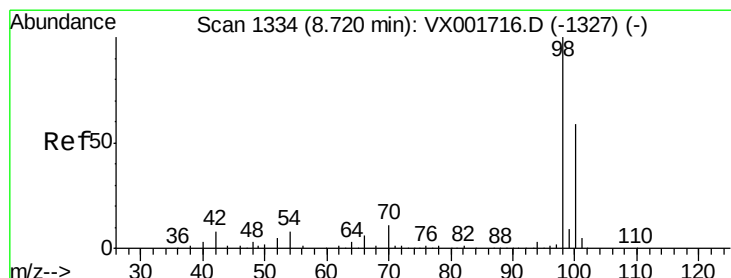
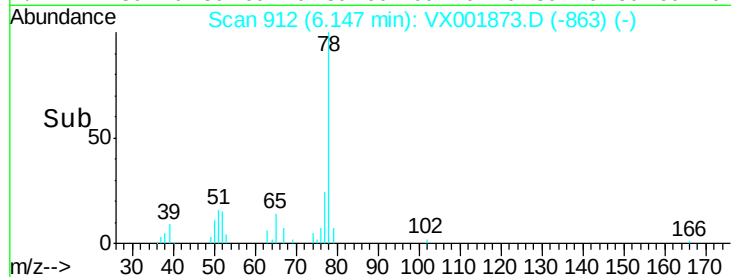
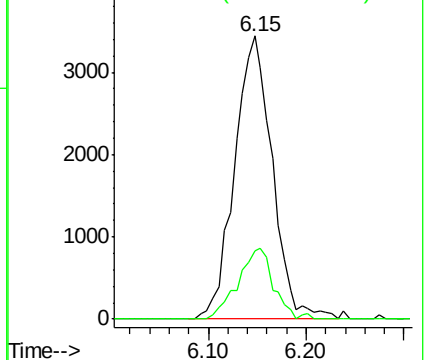
78 100

77 23.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 49.199 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001873.D

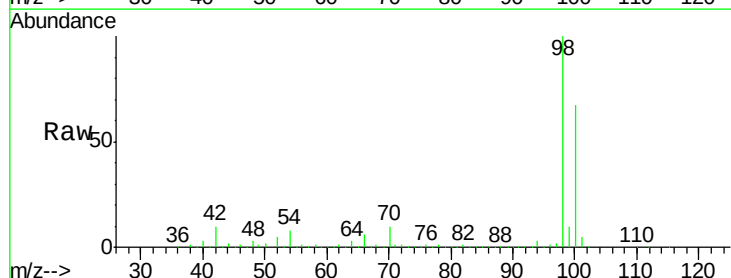
Acq: 21 May 2018 13:17

Tgt Ion: 98 Resp: 584825

Ion Ratio Lower Upper

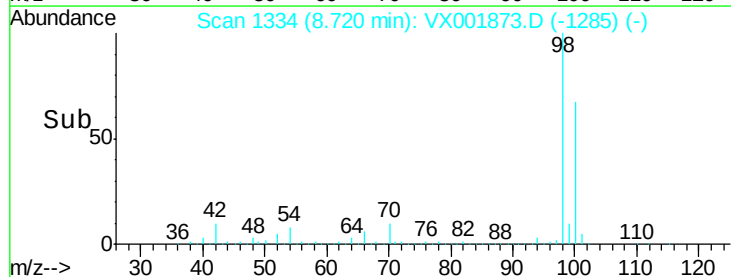
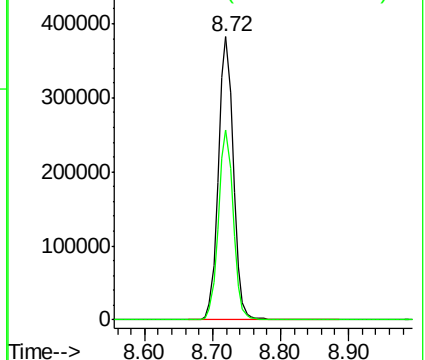
98 100

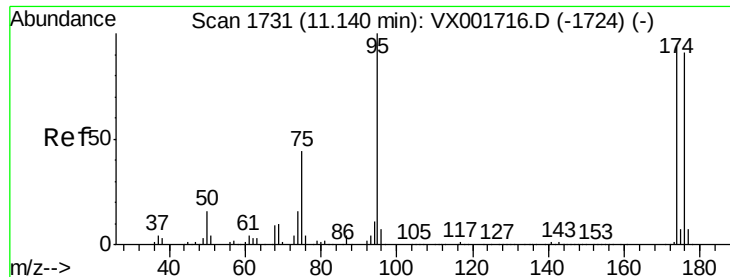
100 66.5 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 37.224 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001873.D

Acq: 21 May 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

KY074MW067-180507RE

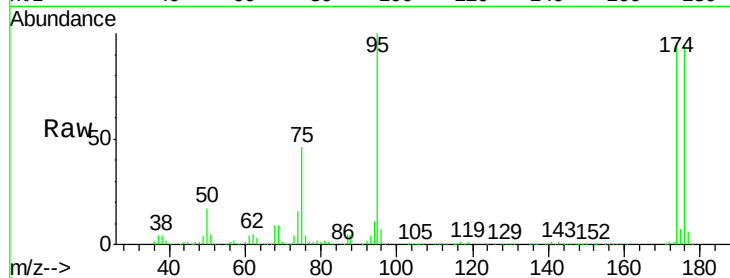
Tot Ion: 95 Resp: 159318

Ion Ratio Lower Upper

95 100

174 104.4 0.0 201.8

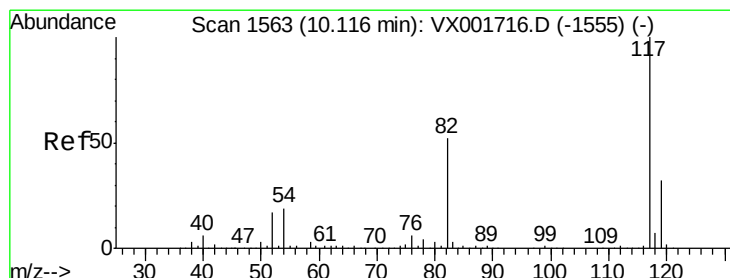
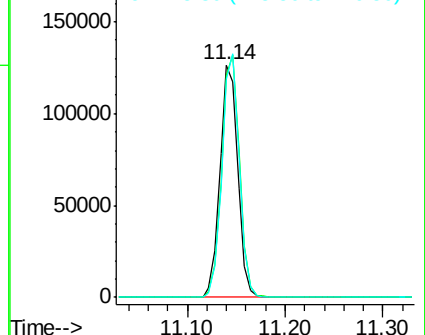
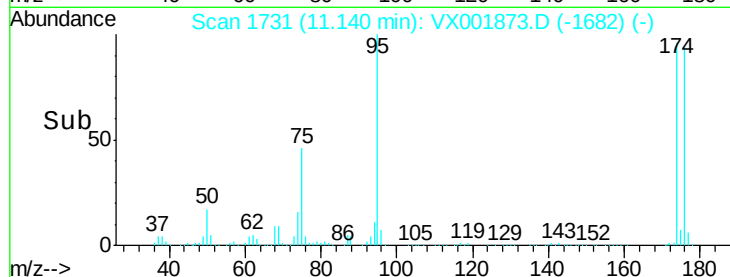
176 101.8 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX001873.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001873.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001873.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001873.D

Acq: 21 May 2018 13:17

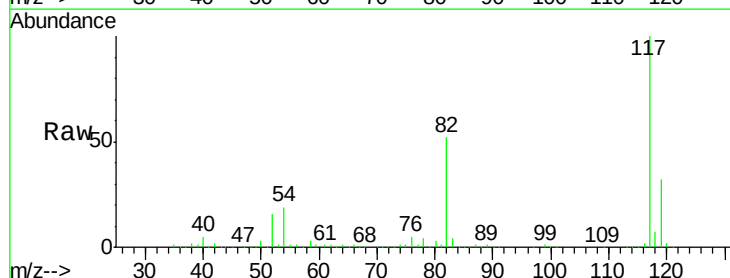
Tgt Ion: 117 Resp: 294715

Ion Ratio Lower Upper

117 100

82 51.5 41.4 62.2

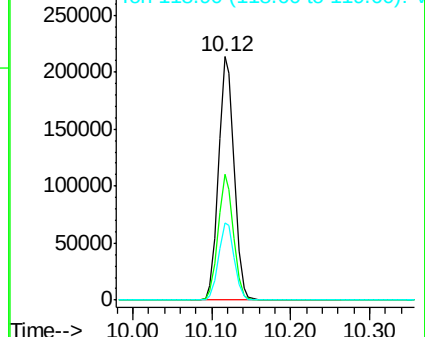
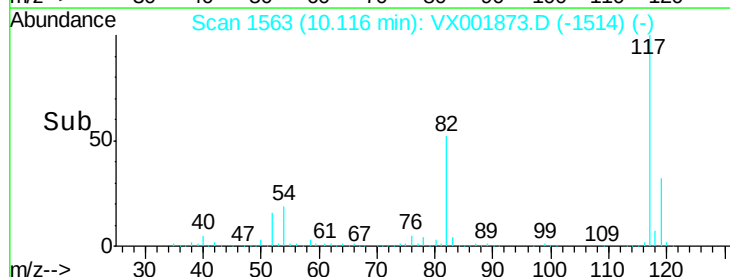
119 31.7 25.6 38.4

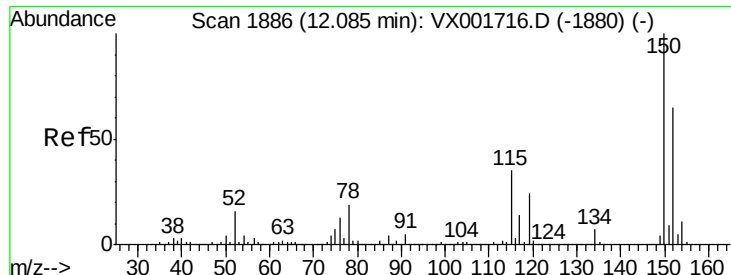


Abundance Ion 116.90 (116.60 to 117.60): VX001873.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX001873.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX001873.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001873.D

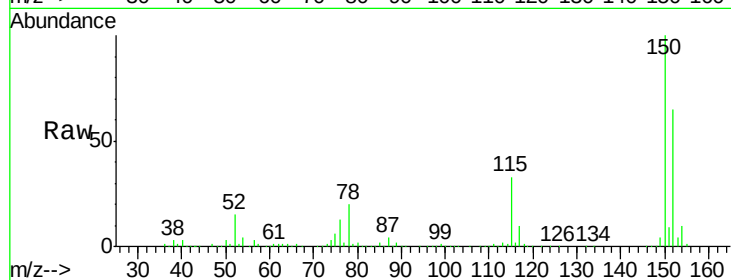
Acq: 21 May 2018 13:17

Instrument :

MSVOA_X

ClientSampleId :

KY074MW067-180507RE



Tot Ion:152 Resp: 159293

Ion Ratio Lower Upper

152 100

115 51.1 37.4 112.2

150 155.9 0.0 344.8

