

Data File : VX001872.D
Acq On : 21 May 2018 12:31
Operator : JC/MD
Sample : VX0521WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBL01

Quant Time: May 22 01:46:17 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	442974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	592708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	543547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	265889	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	301812	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	5.51	113	266869	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	8.72	98	987036	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	
62) 4-Bromofluorobenzene	11.14	95	287006	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	

Target Compounds				Qvalue		
5) Bromomethane	1.64	94	644	Below Cal		91
11) Tert butyl alcohol	3.04	59	584	0.55 ug/l #		72
16) Acetone	2.45	43	672	0.29 ug/l #		55
29) Tetrahydrofuran	5.17	42	812	0.35 ug/l #		73
31) Cyclohexane	5.67	56	6386	0.86 ug/l #		1
36) 1,1-Dichloropropene	5.67	75	24442	3.58 ug/l #		49
38) Carbon Tetrachloride	5.67	117	35424	4.96 ug/l #		16
76) 1,2,3-Trichloropropane	11.14	75	133148	26.33 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.14	75	133148	76.60 ug/l #		10

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

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Instrument :

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ClientSampleId :

VX0521WBL01

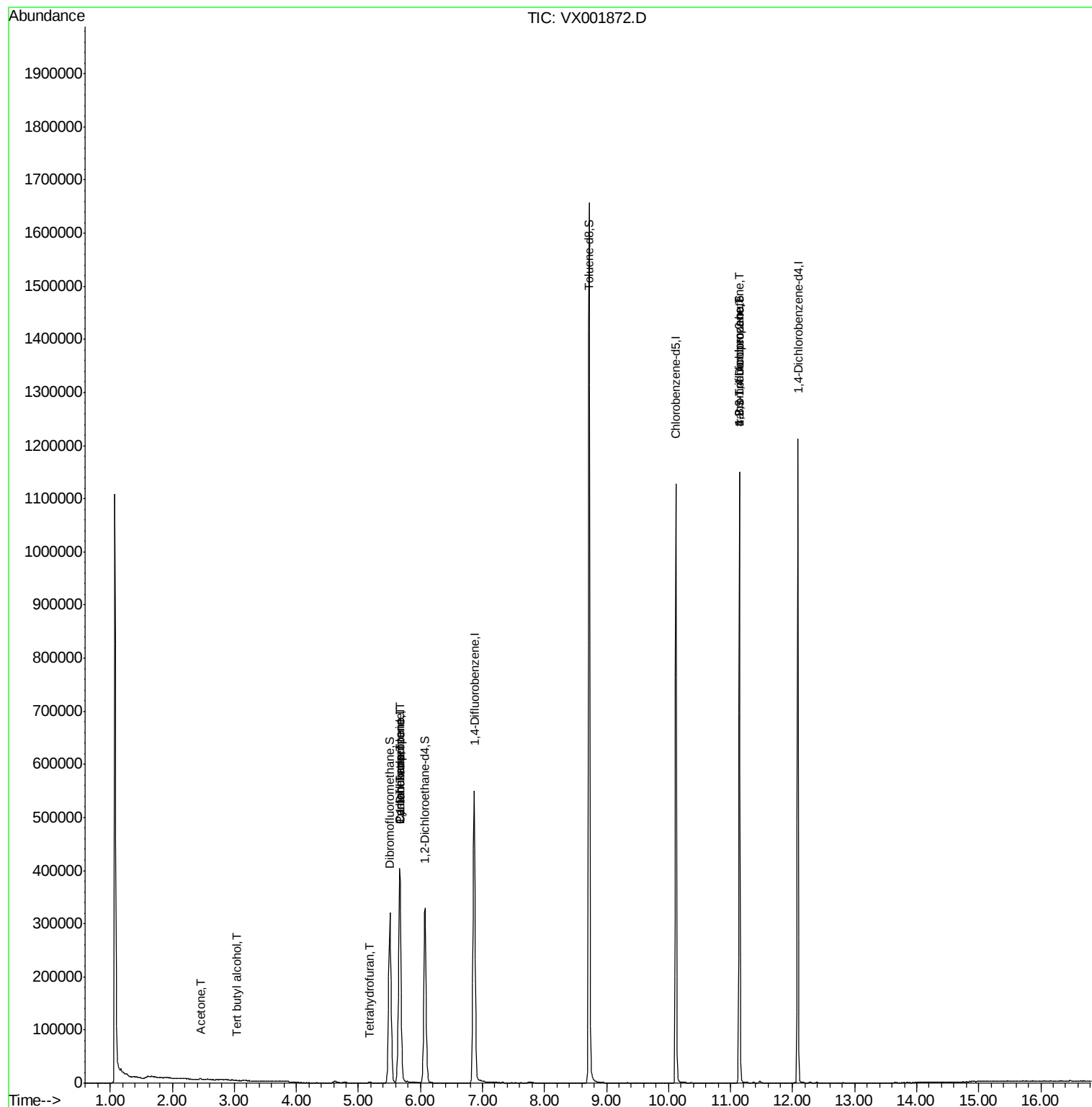
Quant Time: May 22 01:46:17 2018

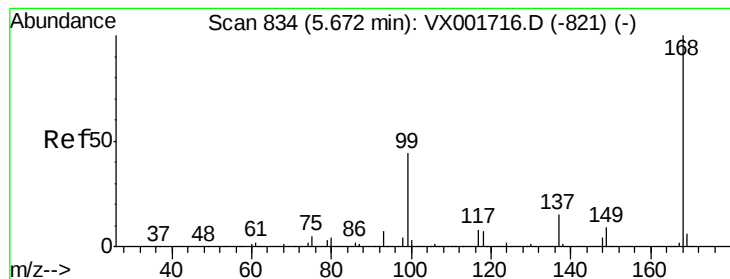
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001872.D

Acq: 21 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

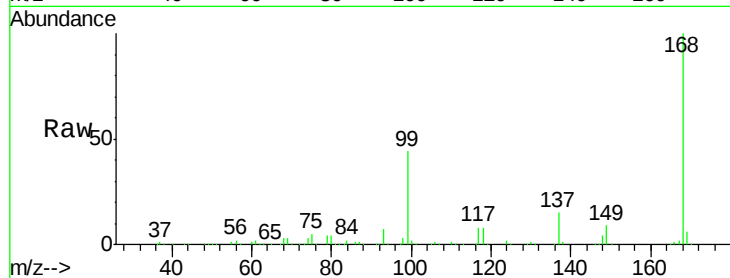
VX0521WBL01

Tgt Ion:168 Resp: 442974

Ion Ratio Lower Upper

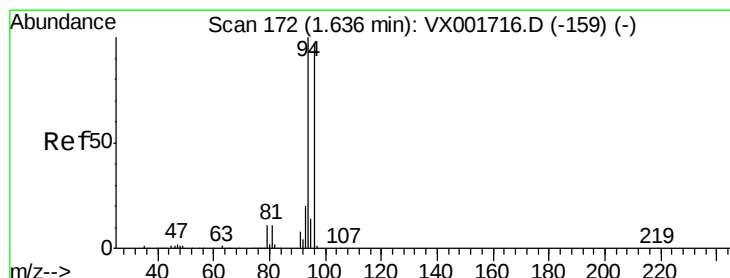
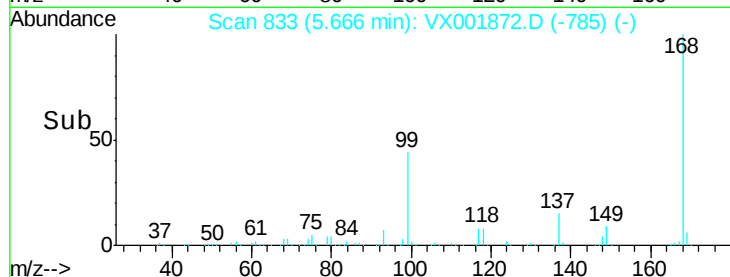
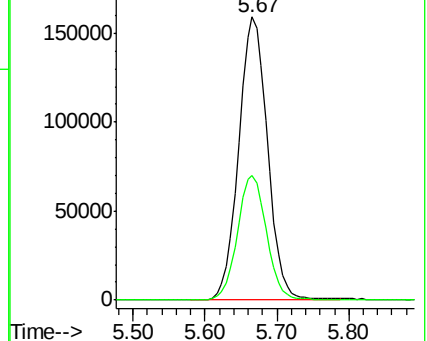
168 100

99 43.8 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001872.D

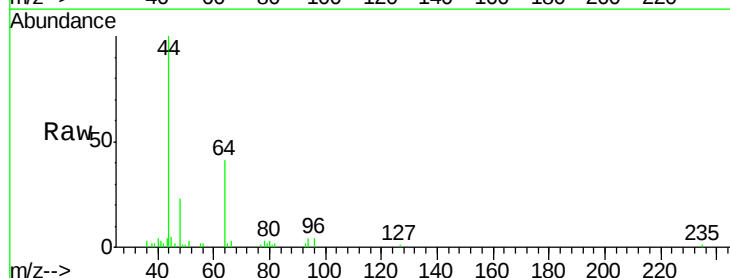
Acq: 21 May 2018 12:31

Tgt Ion: 94 Resp: 644

Ion Ratio Lower Upper

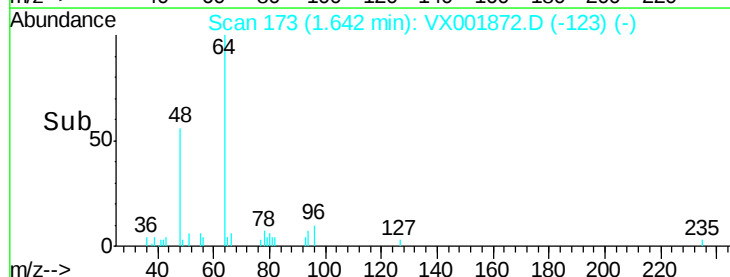
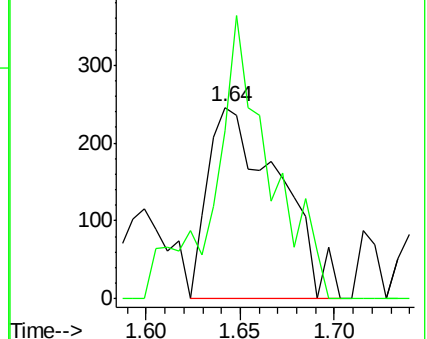
94 100

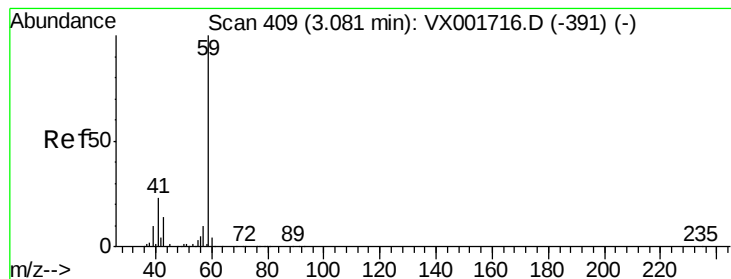
96 87.8 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



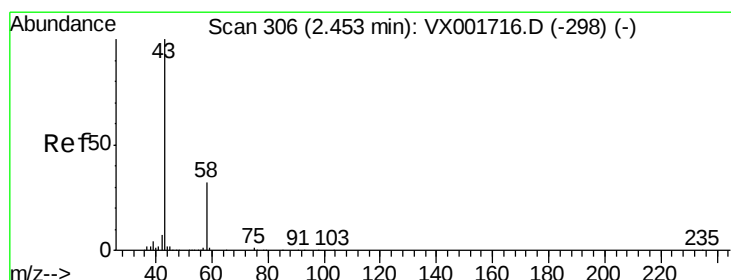
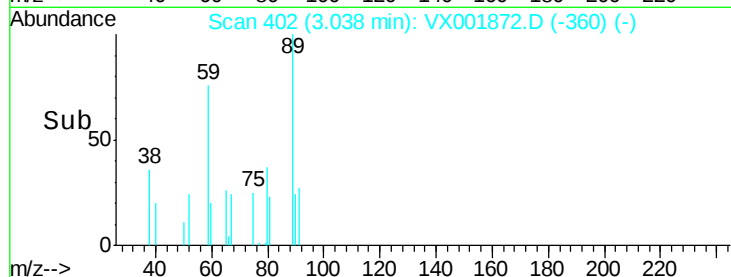
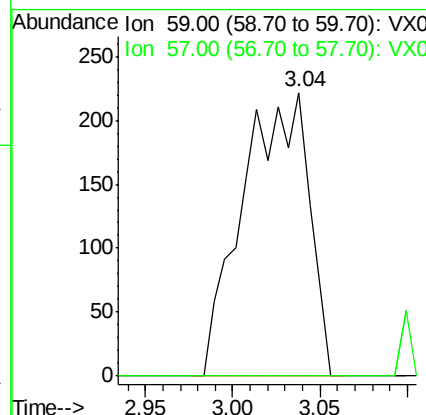
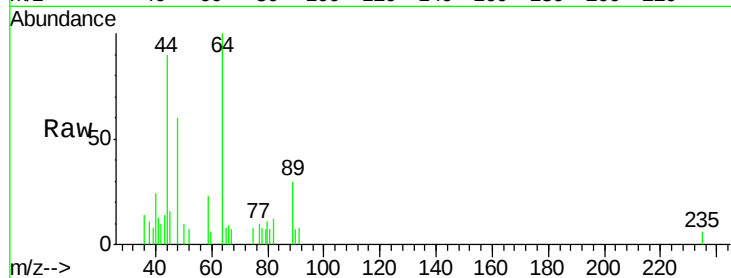


#11

Tert butyl alcohol
 Concen: 0.55 ug/l
 RT: 3.04 min Scan# 402
 Delta R.T. -0.04 min
 Lab File: VX001872.D
 Acq: 21 May 2018 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBL01

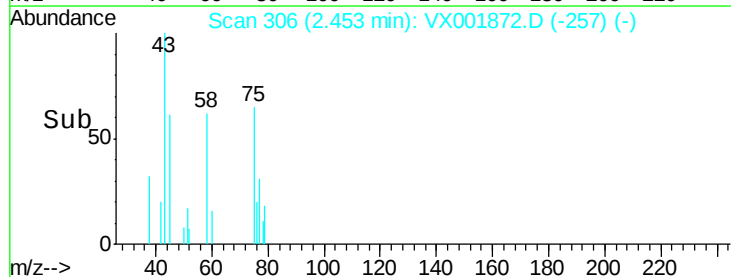
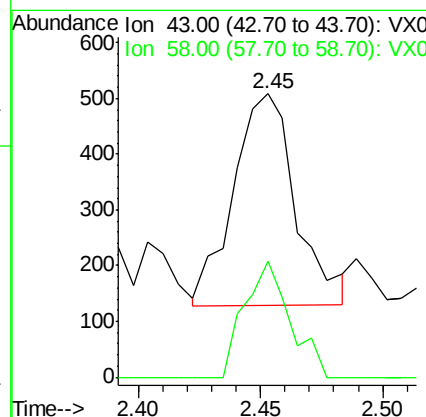
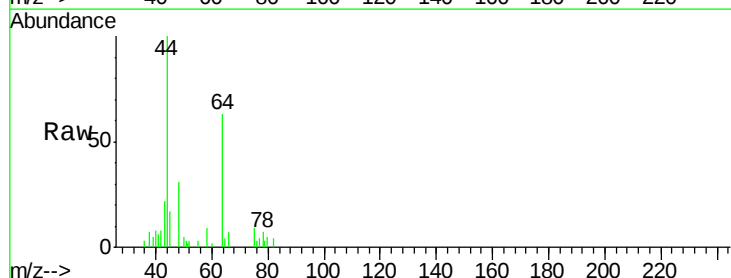
Tgt Ion: 59 Resp: 584
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

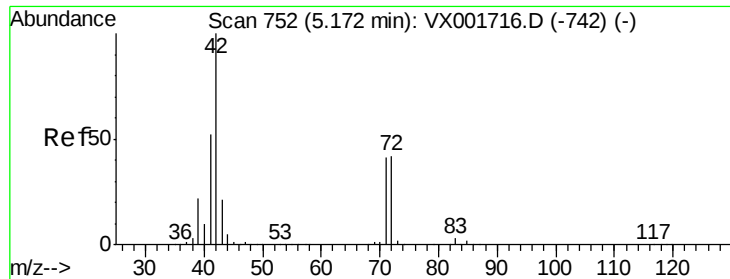


#16

Acetone
 Concen: 0.29 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX001872.D
 Acq: 21 May 2018 12:31

Tgt Ion: 43 Resp: 672
 Ion Ratio Lower Upper
 43 100
 58 56.4 25.3 37.9#

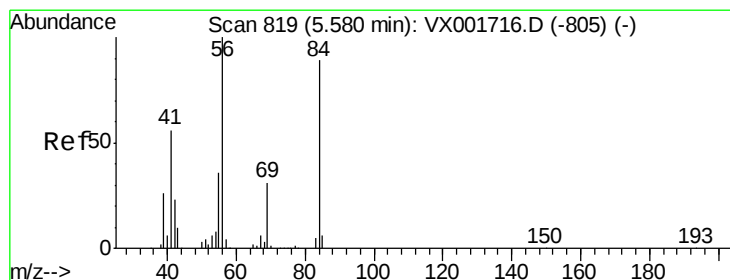
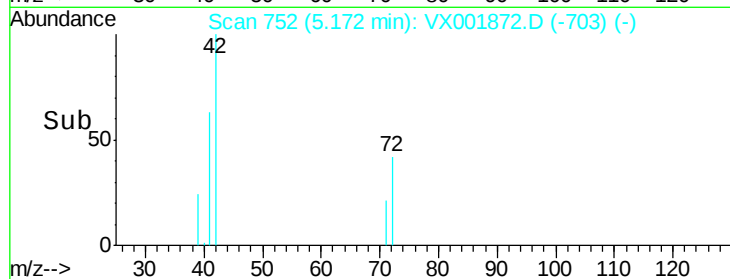
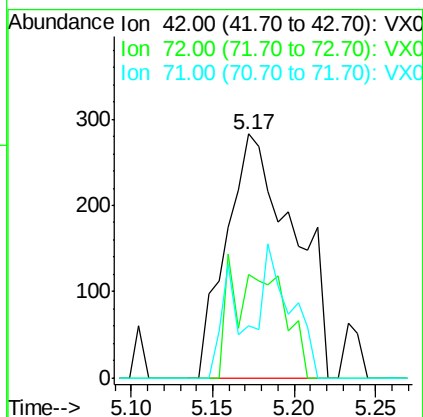
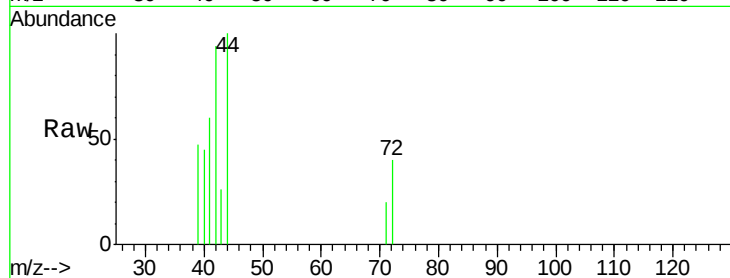




#29
Tetrahydrofuran
Concen: 0.35 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001872.D
Acq: 21 May 2018 12:31

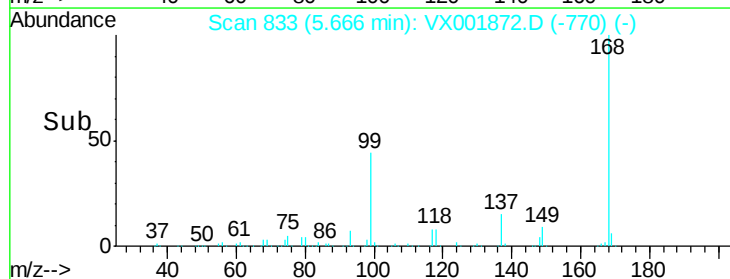
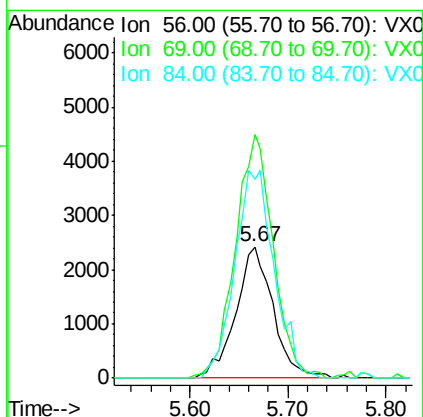
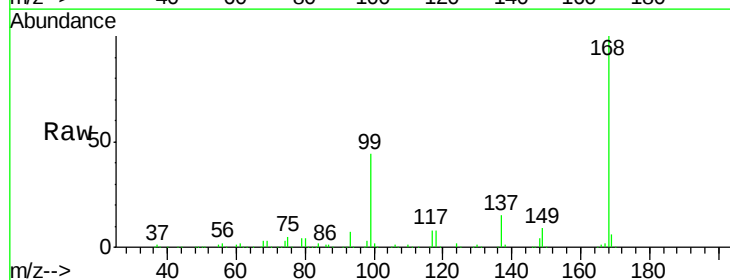
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBL01

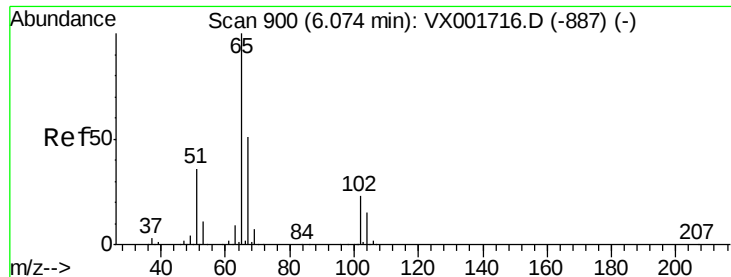
Tgt Ion: 42 Resp: 812
Ion Ratio Lower Upper
42 100
72 35.2 35.4 53.2#
71 15.9 33.2 49.8#



#31
Cyclohexane
Concen: 0.86 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001872.D
Acq: 21 May 2018 12:31

Tgt Ion: 56 Resp: 6386
Ion Ratio Lower Upper
56 100
69 185.3 25.0 37.6#
84 151.5 71.0 106.4#





#33

1,2-Dichloroethane-d4

Concen: 50.83 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001872.D

Acq: 21 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

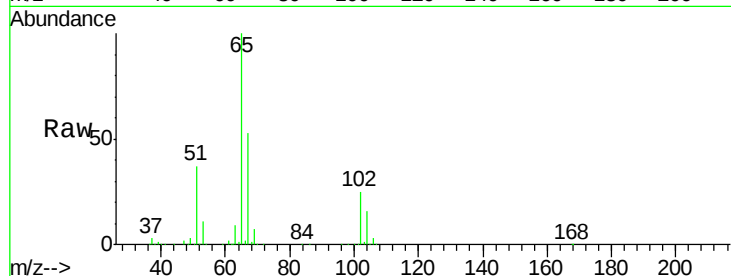
VX0521WBL01

Tgt Ion: 65 Resp: 301812

Ion Ratio Lower Upper

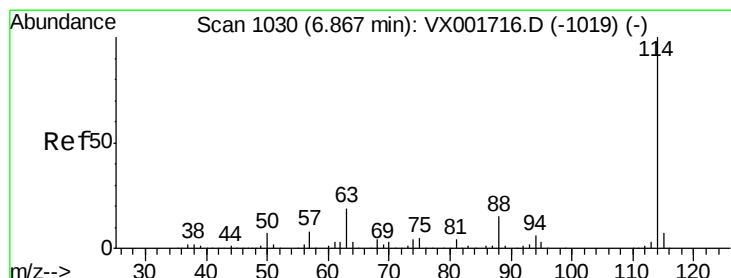
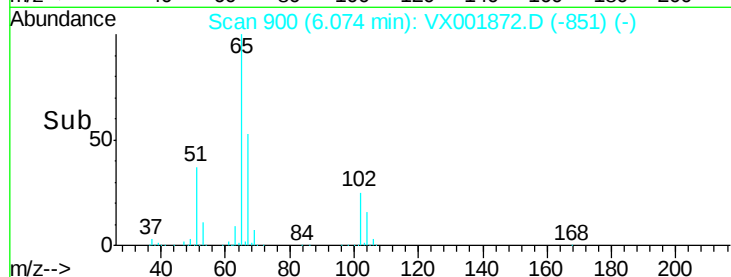
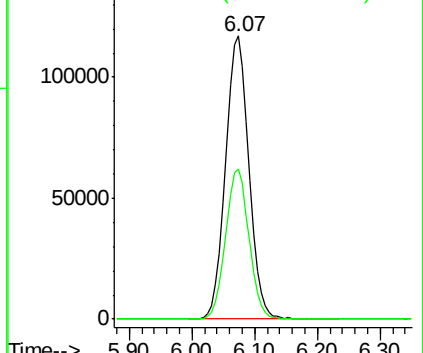
65 100

67 53.1 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: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001872.D

Acq: 21 May 2018 12:31

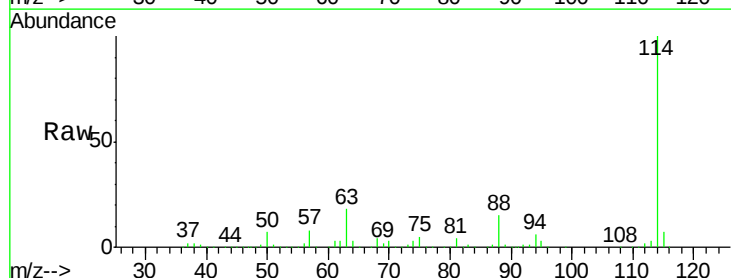
Tgt Ion: 114 Resp: 592708

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.0

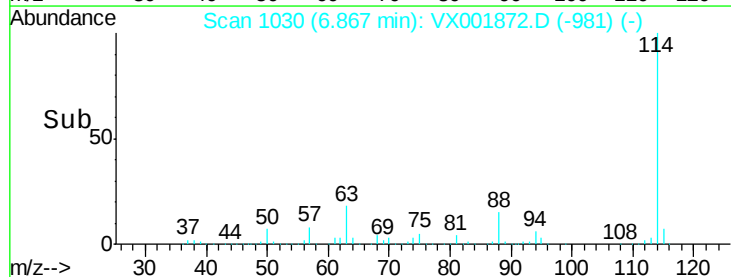
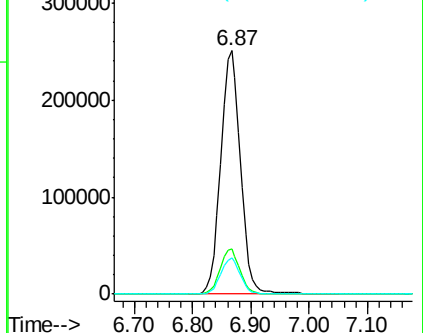
88 15.0 0.0 29.8

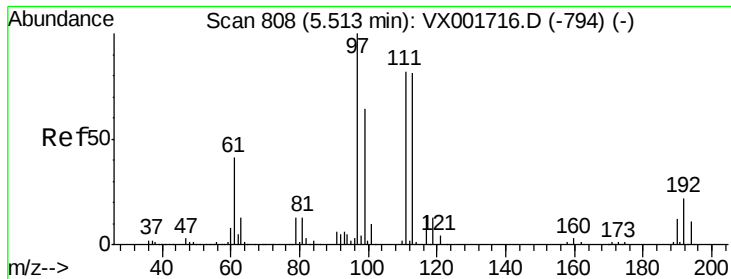


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.35 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001872.D

Acq: 21 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBL01

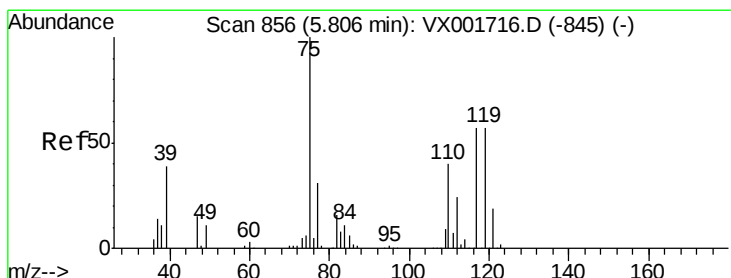
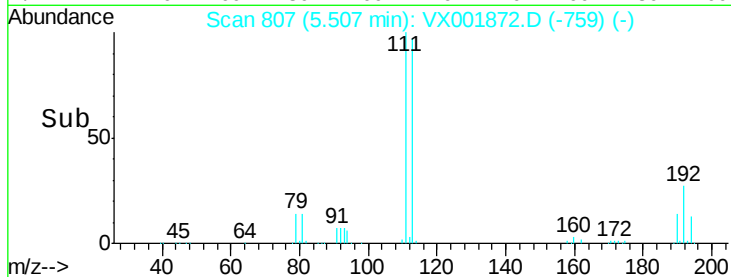
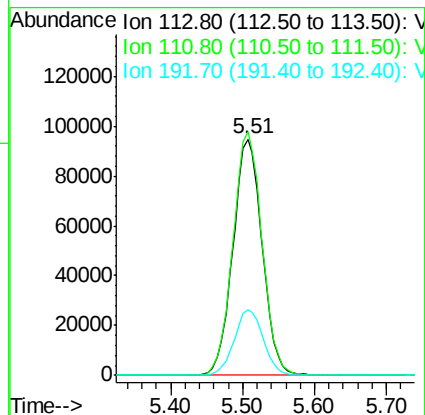
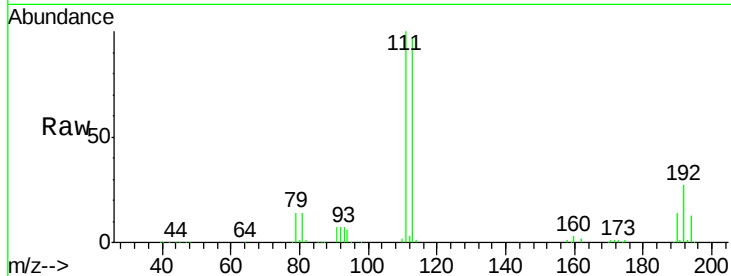
Tgt Ion:113 Resp: 266869

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 27.8 21.6 32.4



#36

1,1-Dichloropropene

Concen: 3.58 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001872.D

Acq: 21 May 2018 12:31

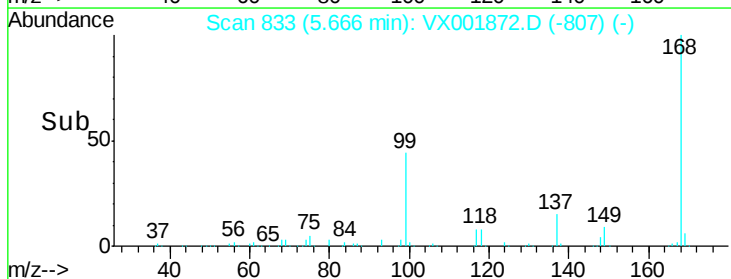
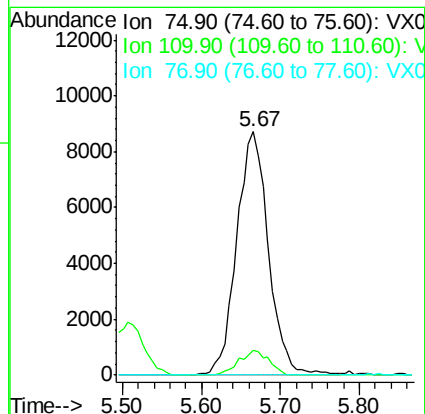
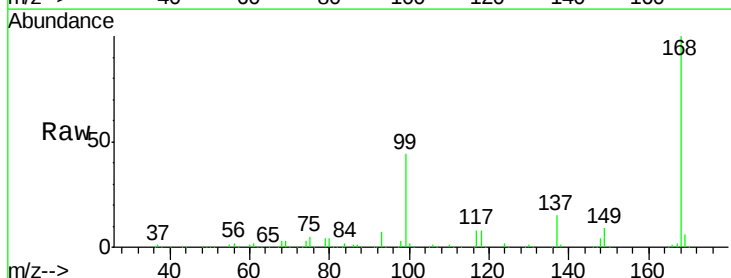
Tgt Ion: 75 Resp: 24442

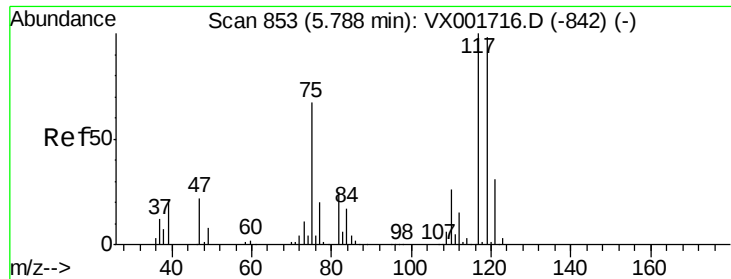
Ion Ratio Lower Upper

75 100

110 9.4 19.1 57.1#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 4.96 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001872.D

Acq: 21 May 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

VX0521WBL01

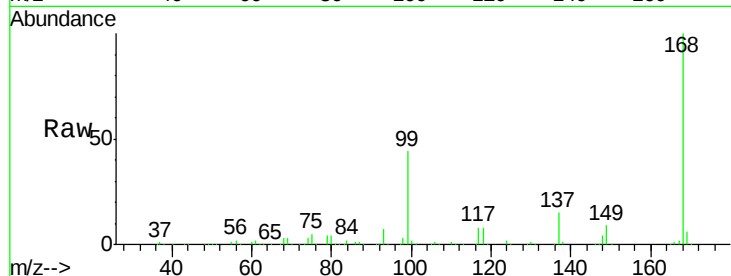
Tgt Ion: 117 Resp: 35424

Ion Ratio Lower Upper

117 100

119 5.9 77.6 116.4#

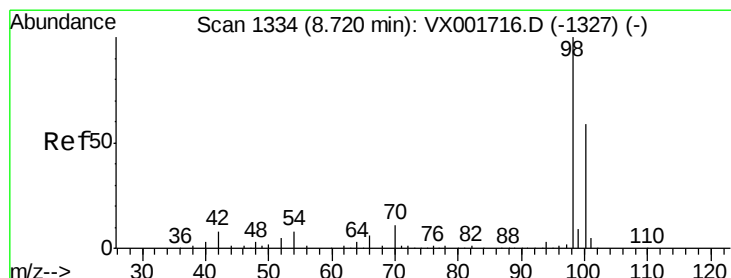
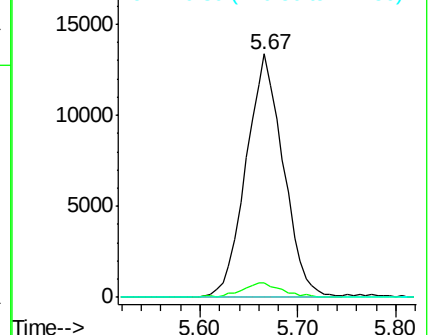
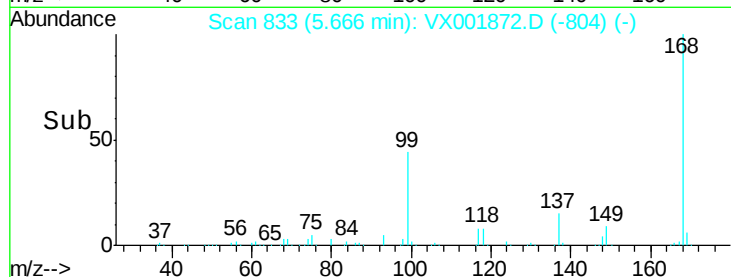
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 55.10 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001872.D

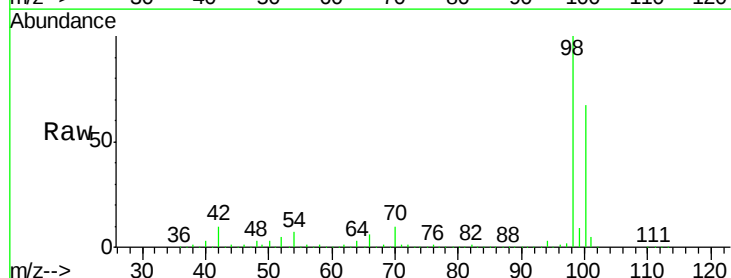
Acq: 21 May 2018 12:31

Tgt Ion: 98 Resp: 987036

Ion Ratio Lower Upper

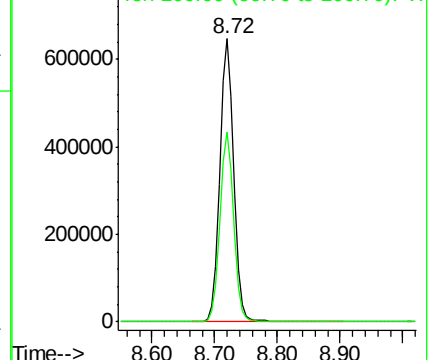
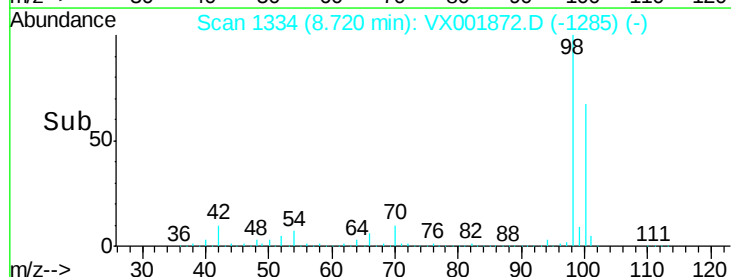
98 100

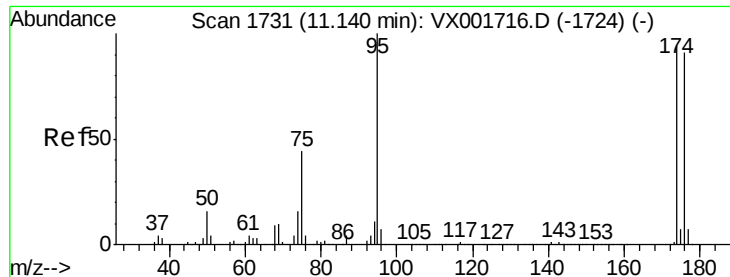
100 66.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001872.D

Acq: 21 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBL01

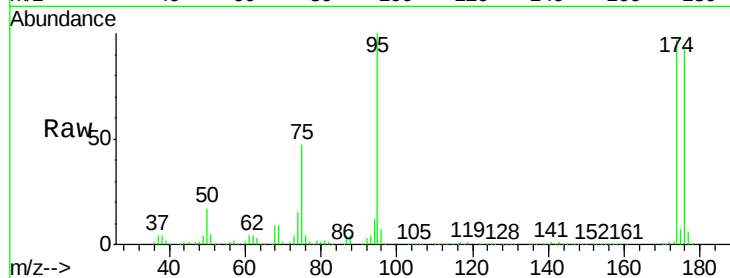
Tgt Ion: 95 Resp: 287006

Ion Ratio Lower Upper

95 100

174 103.6 0.0 201.8

176 101.3 0.0 196.8

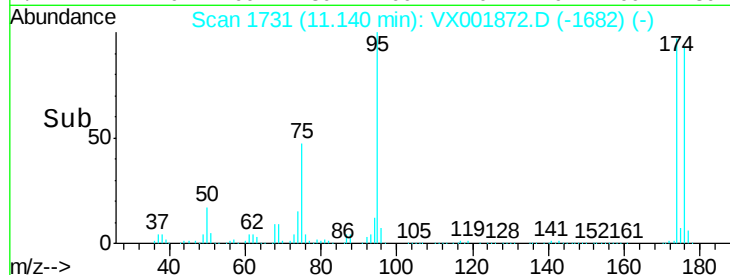


Abundance Ion 94.90 (94.60 to 95.60): VX001716.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX001716.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001716.D (-1724) (-)

Time-->

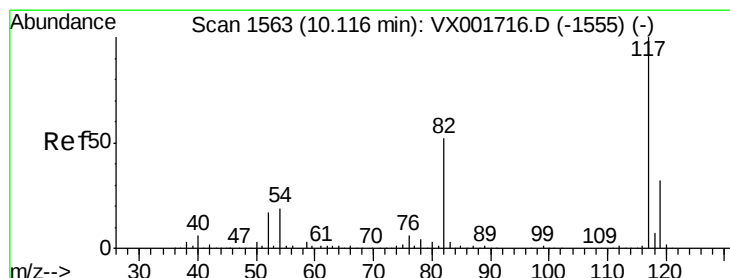


Abundance Ion 94.90 (94.60 to 95.60): VX001872.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001872.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001872.D (-1682) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX001872.D

Acq: 21 May 2018 12:31

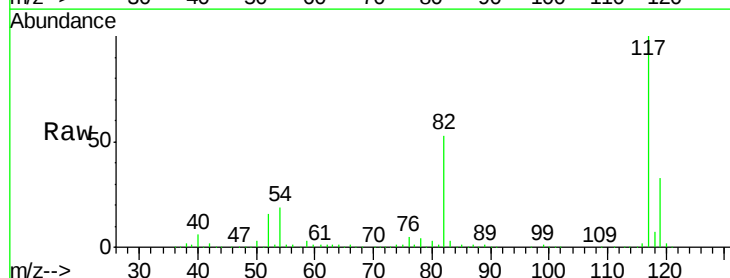
Tgt Ion: 117 Resp: 543547

Ion Ratio Lower Upper

117 100

82 53.3 41.4 62.2

119 32.8 25.6 38.4

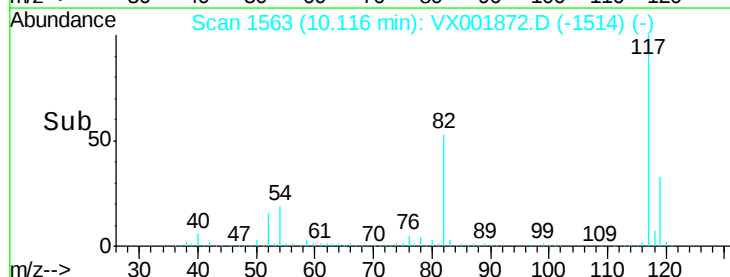


Abundance Ion 116.90 (116.60 to 117.60): VX001716.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX001716.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX001716.D (-1555) (-)

Time-->

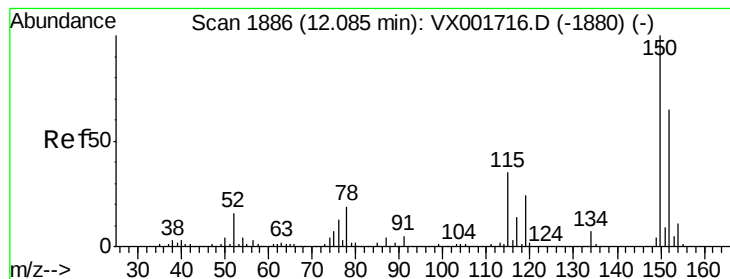


Abundance Ion 116.90 (116.60 to 117.60): VX001872.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX001872.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX001872.D (-1514) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001872.D

Acq: 21 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBL01

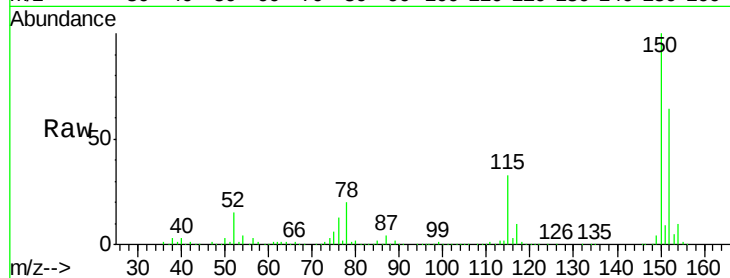
Tgt Ion:152 Resp: 265889

Ion Ratio Lower Upper

152 100

115 51.5 37.4 112.2

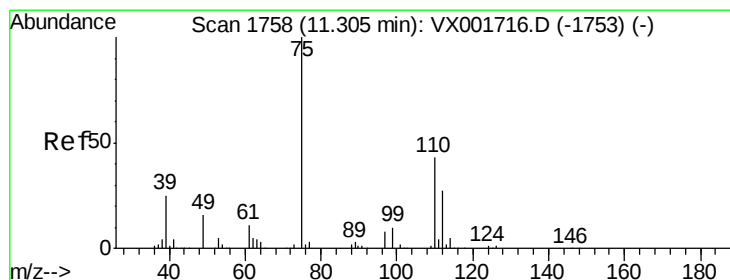
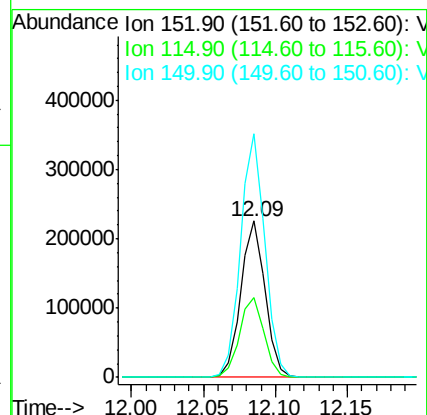
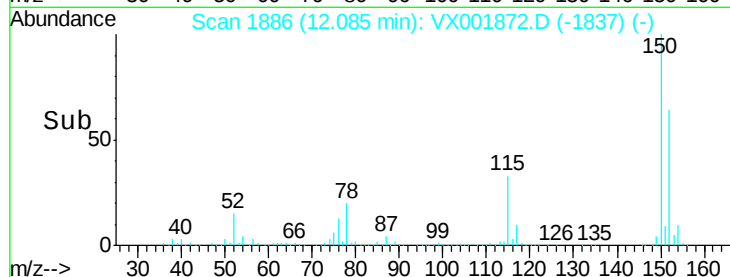
150 156.0 0.0 344.8



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



#76

1,2,3-Trichloropropane

Concen: 26.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001872.D

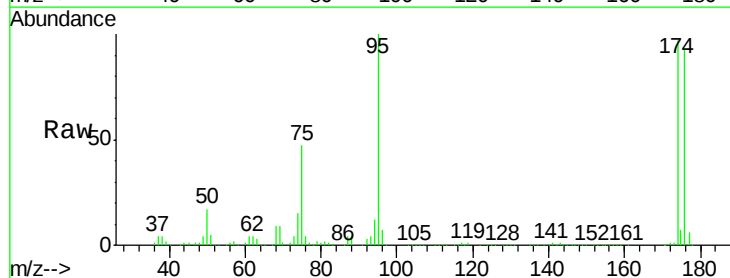
Acq: 21 May 2018 12:31

Tgt Ion: 75 Resp: 133148

Ion Ratio Lower Upper

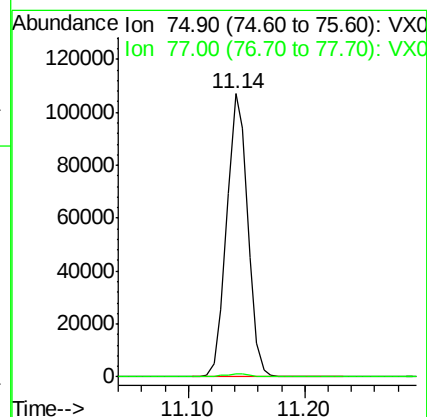
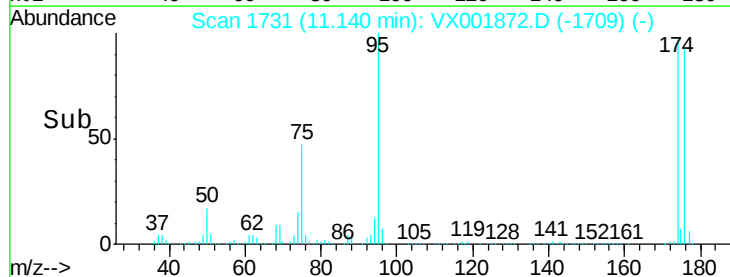
75 100

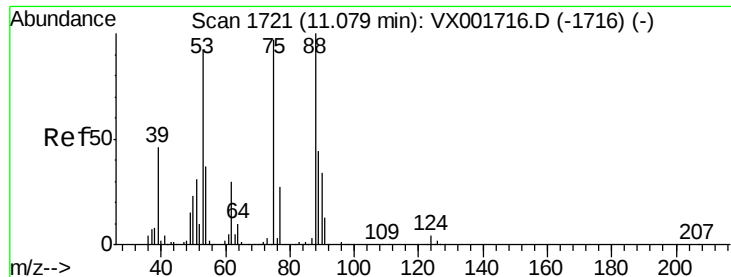
77 1.4 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 76.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001872.D

Acq: 21 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBL01

Tgt Ion: 75 Resp: 133148

Ion Ratio Lower Upper

75 100

53 0.1 79.4 119.2#

89 0.0 38.8 58.2#

