

Data File : VX001304.D

Acq On : 02 May 2018 03:53

Operator : JC/MD

Sample : PB108752TBZHE#13

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 37 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

PB108752TBZHE#13

Quant Time: May 02 06:05:55 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	236793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	213879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	122131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	107369	44.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.18%	
35) Dibromofluoromethane	5.51	113	89947	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	
50) Toluene-d8	8.72	98	332314	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
62) 4-Bromofluorobenzene	11.14	95	110073	37.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.52%	

Target Compounds

						Qvalue
5) Bromomethane	1.61	94	230	Below Cal	#	2
10) Methyl Iodide	2.52	142	431	4.52	ug/l #	85
11) Tert butyl alcohol	3.07	59	139	0.34	ug/l #	1
13) Acrolein	2.31	56	105	0.44	ug/l #	1
16) Acetone	2.45	43	8690	8.46	ug/l	96
18) Methyl Acetate	2.78	43	16773	6.91	ug/l	97
20) Methylene Chloride	2.86	84	3794	0.47	ug/l	95
25) 2-Butanone	4.71	43	1714	1.23	ug/l	92
29) Tetrahydrofuran	5.18	42	402	0.47	ug/l #	75
31) Cyclohexane	5.67	56	3170	1.07	ug/l #	6
36) 1,1-Dichloropropene	5.67	75	10787	3.95	ug/l #	50
38) Carbon Tetrachloride	5.67	117	14764	5.16	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	56851	25.17	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	56851	79.16	ug/l #	6

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

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ALS Vial : 37 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

PB108752TBZHE#13

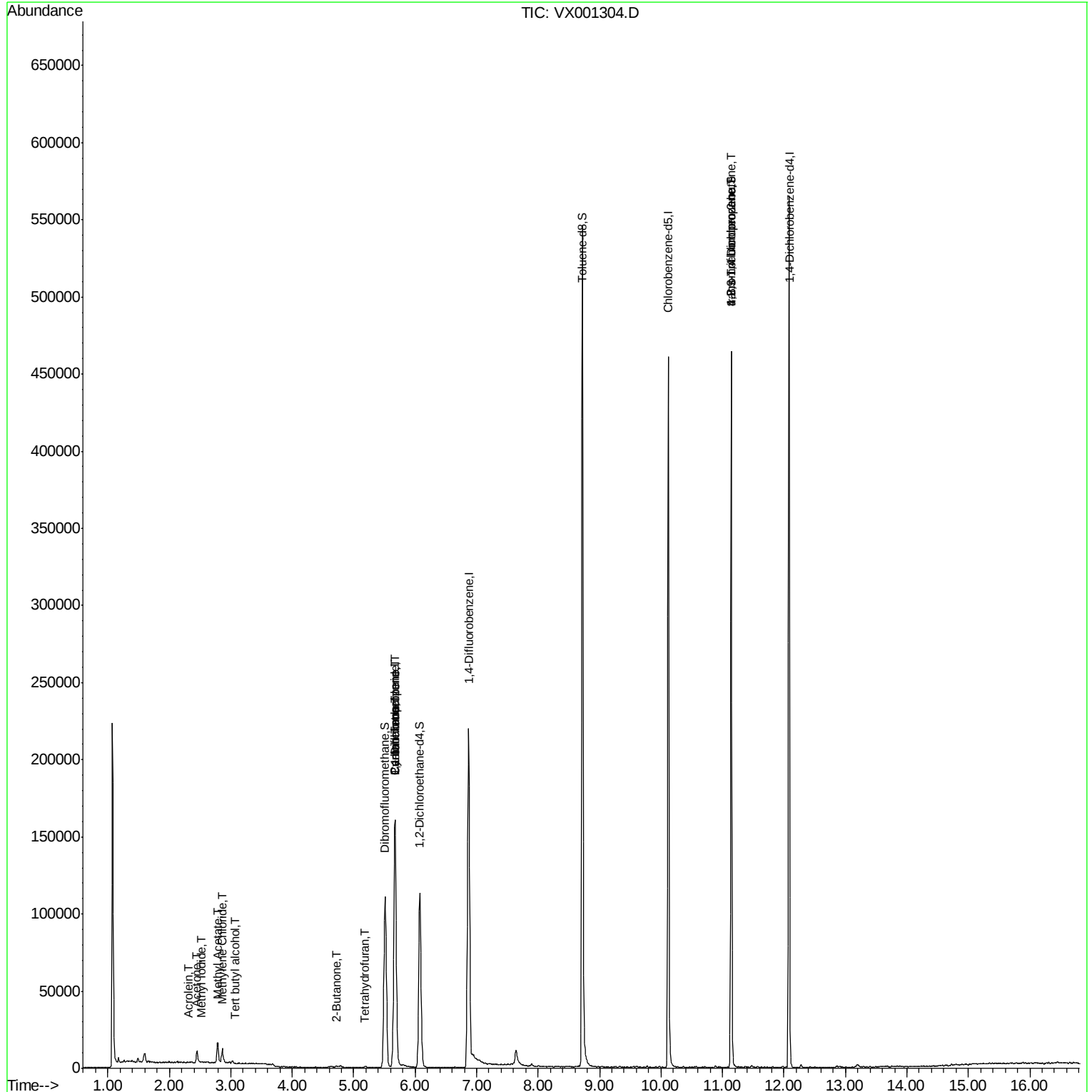
Quant Time: May 02 06:05:55 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001304.D

Acq: 02 May 2018 03:53

Instrument :

MSVOA_X

ClientSampleId :

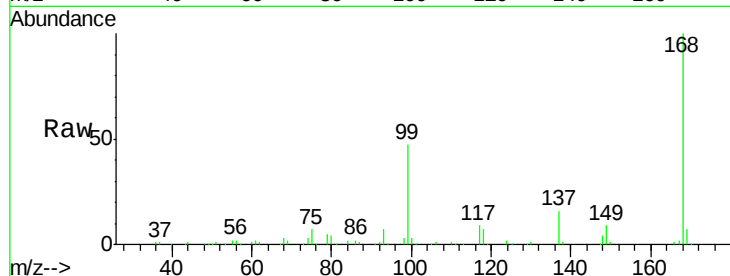
PB108752TBZHE#13

Tgt Ion: 168 Resp: 173936

Ion Ratio Lower Upper

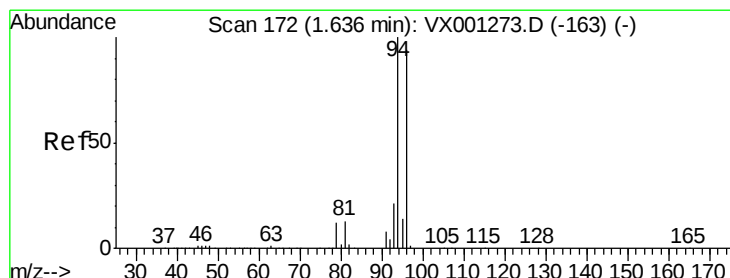
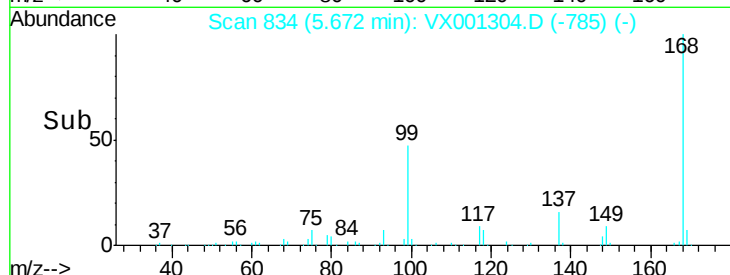
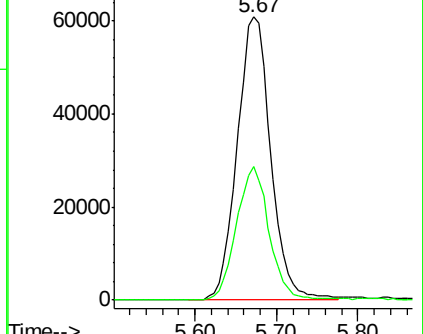
168 100

99 47.2 36.5 54.7



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: 1.61 min Scan# 167

Delta R.T. -0.03 min

Lab File: VX001304.D

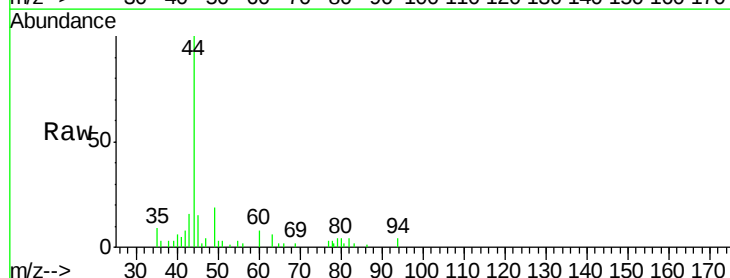
Acq: 02 May 2018 03:53

Tgt Ion: 94 Resp: 230

Ion Ratio Lower Upper

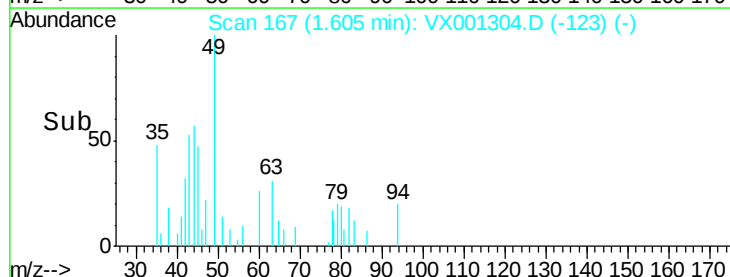
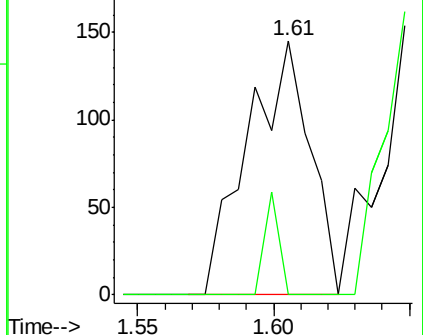
94 100

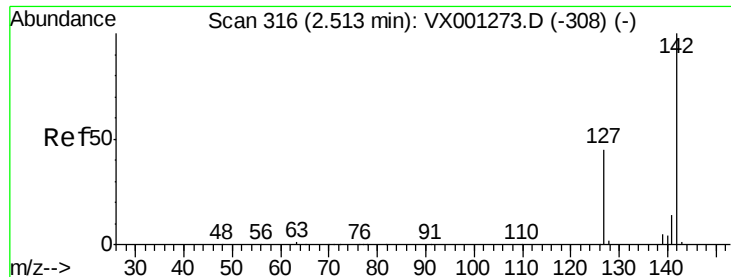
96 0.0 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

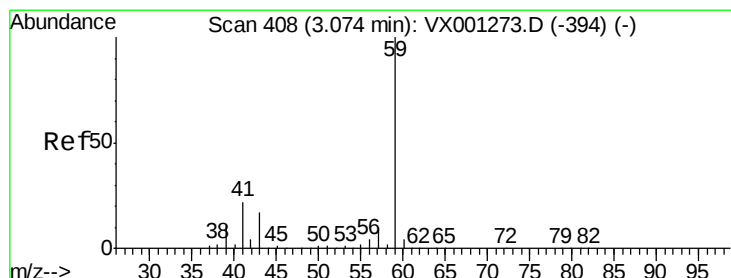
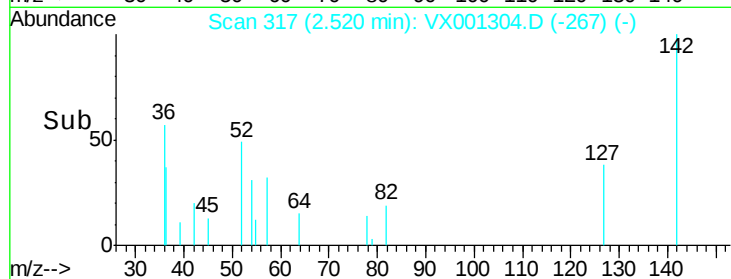
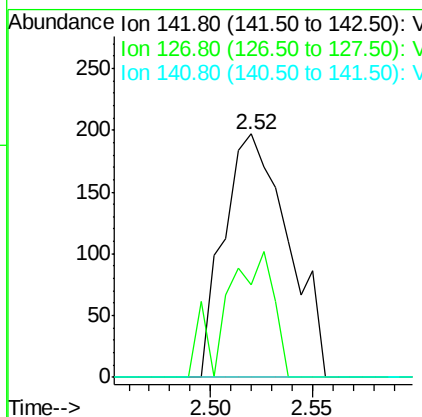
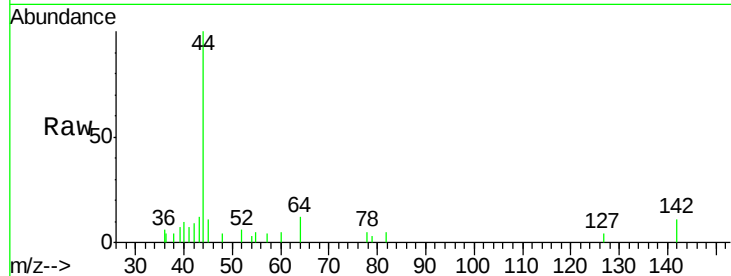




#10
Methyl Iodide
Concen: 4.52 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001304.D
Acq: 02 May 2018 03:53

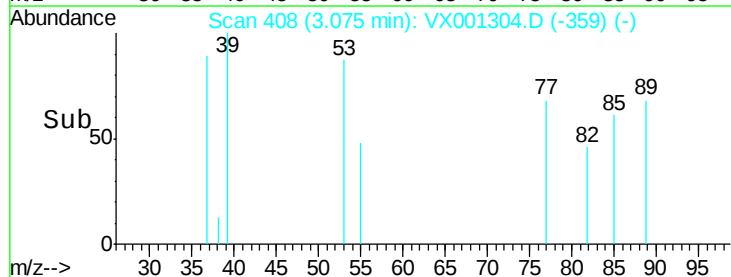
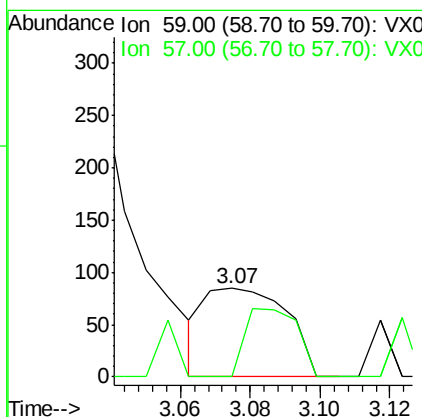
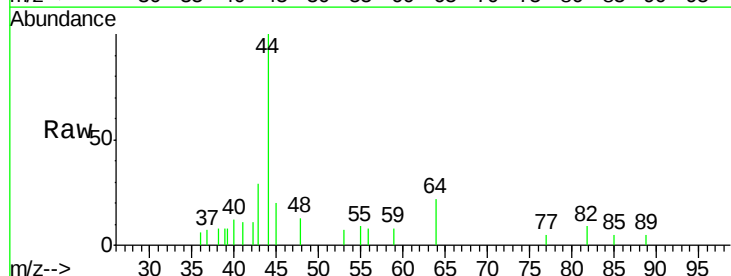
Instrument :
MSVOA_X
ClientSampleId :
PB108752TBZHE#13

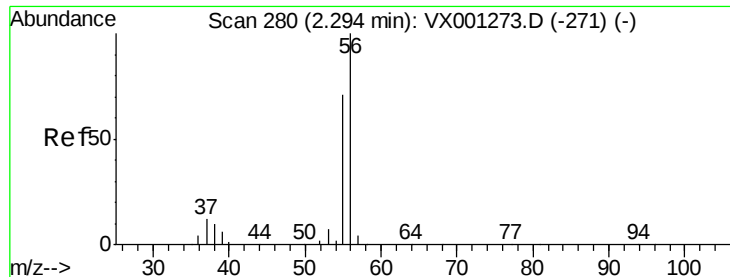
Tgt Ion:142 Resp: 431
Ion Ratio Lower Upper
142 100
127 38.5 35.7 53.5
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.34 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX001304.D
Acq: 02 May 2018 03:53

Tgt Ion: 59 Resp: 139
Ion Ratio Lower Upper
59 100
57 48.2 8.6 12.8#





#13

Acrolein

Concen: 0.44 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX001304.D

Acq: 02 May 2018 03:53

Instrument :

MSVOA_X

ClientSampleId :

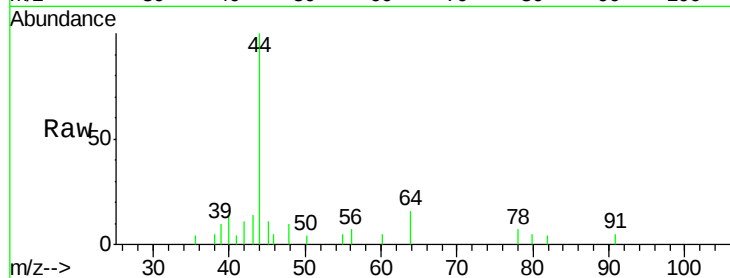
PB108752TBZHE#13

Tgt Ion: 56 Resp: 105

Ion Ratio Lower Upper

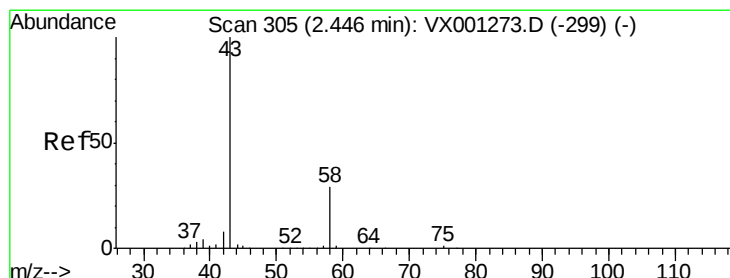
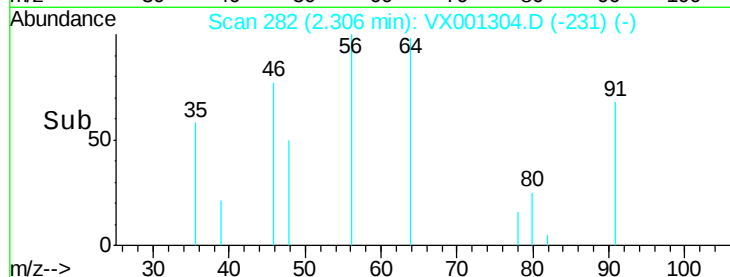
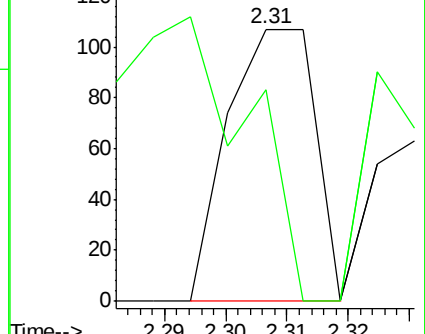
56 100

55 272.4 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 8.46 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001304.D

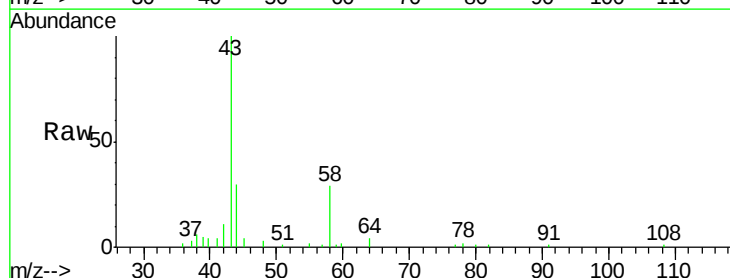
Acq: 02 May 2018 03:53

Tgt Ion: 43 Resp: 8690

Ion Ratio Lower Upper

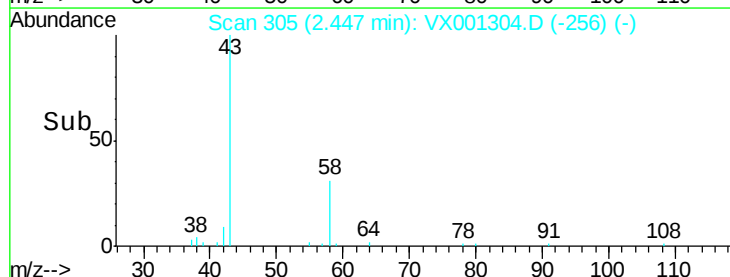
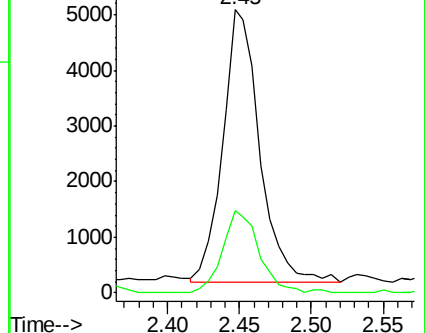
43 100

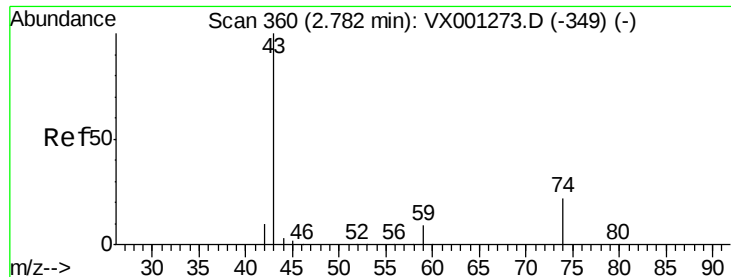
58 30.5 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

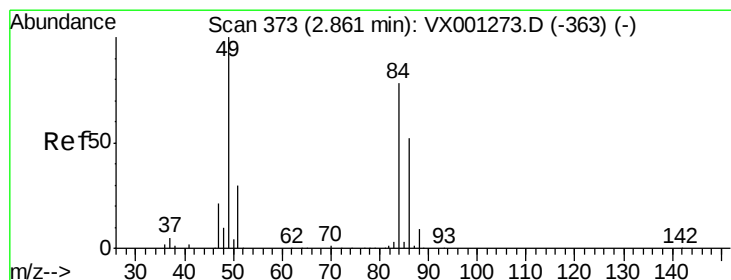
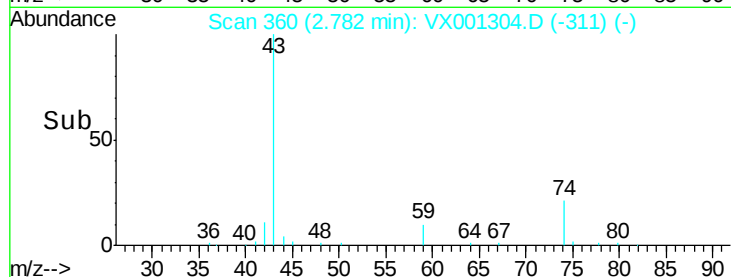
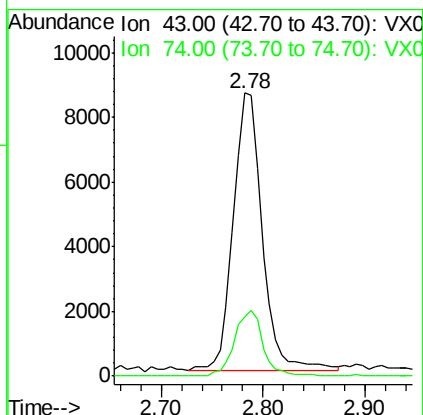
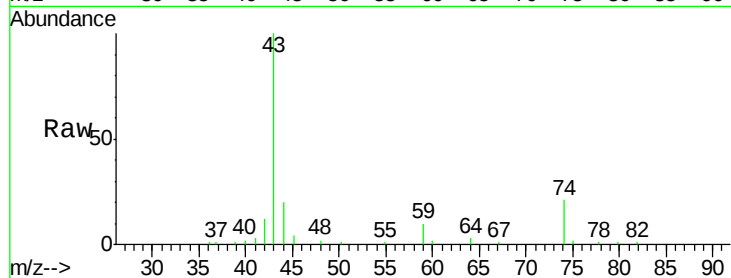




#18
Methyl Acetate
Concen: 6.91 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001304.D
Acq: 02 May 2018 03:53

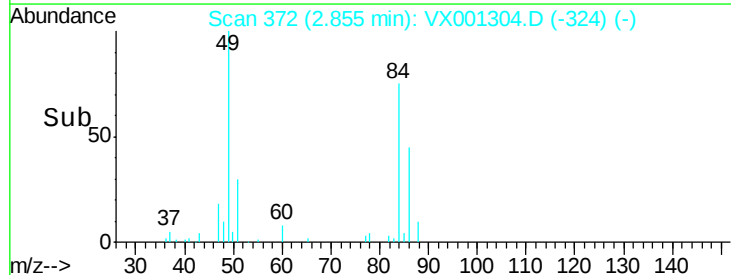
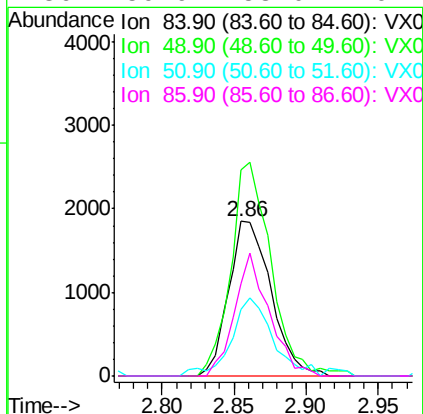
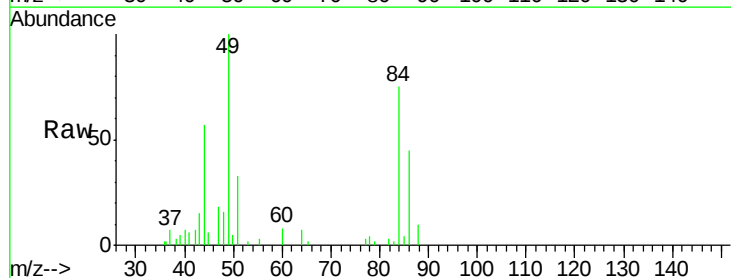
Instrument :
MSVOA_X
ClientSampleId :
PB108752TBZHE#13

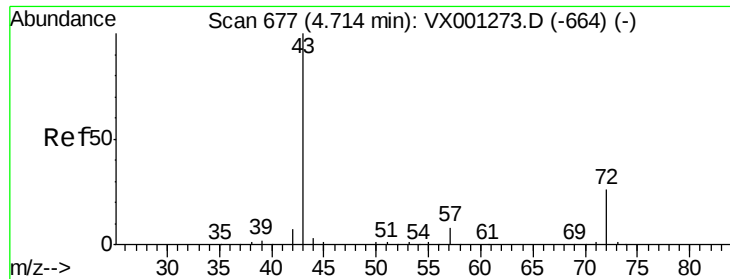
Tgt Ion: 43 Resp: 16773
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.6



#20
Methylene Chloride
Concen: 0.47 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX001304.D
Acq: 02 May 2018 03:53

Tgt Ion: 84 Resp: 3794
Ion Ratio Lower Upper
84 100
49 133.2 102.8 154.2
51 39.5 30.9 46.3
86 59.9 53.0 79.4





#25

2-Butanone

Concen: 1.23 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX001304.D

Acq: 02 May 2018 03:53

Instrument :

MSVOA_X

ClientSampleId :

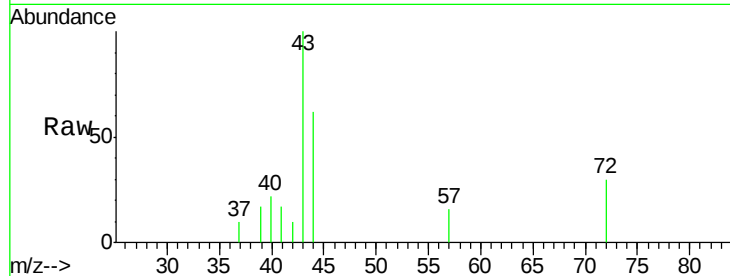
PB108752TBZHE#13

Tgt Ion: 43 Resp: 1714

Ion Ratio Lower Upper

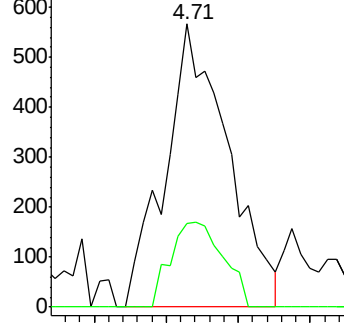
43 100

72 29.6 20.5 30.7

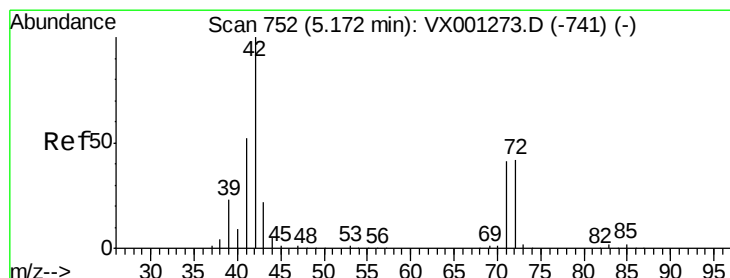
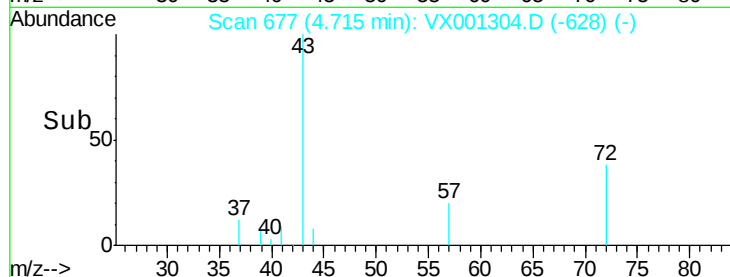


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#29

Tetrahydrofuran

Concen: 0.47 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001304.D

Acq: 02 May 2018 03:53

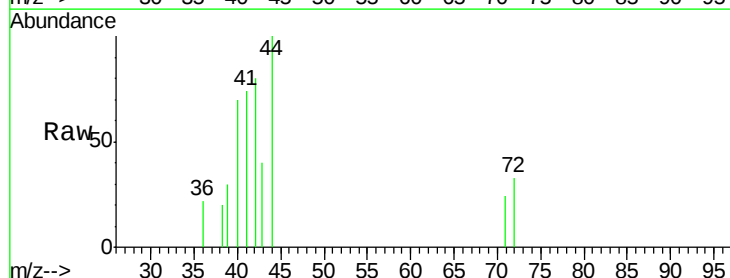
Tgt Ion: 42 Resp: 402

Ion Ratio Lower Upper

42 100

72 22.9 34.6 52.0#

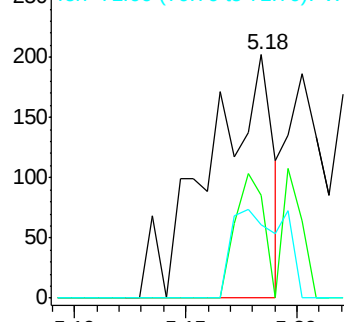
71 30.1 32.7 49.1#



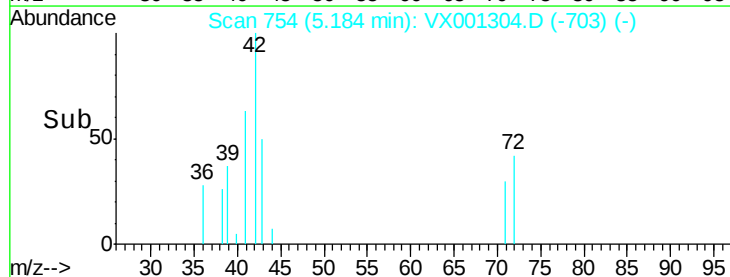
Abundance Ion 42.00 (41.70 to 42.70): VX0

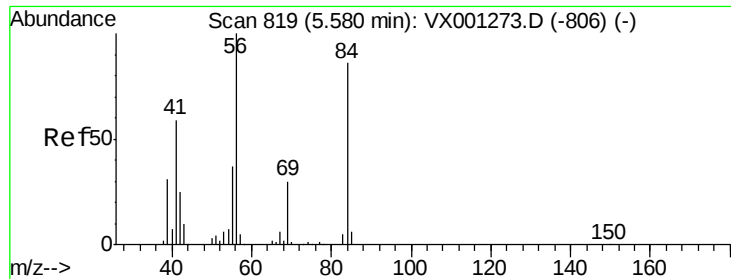
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->

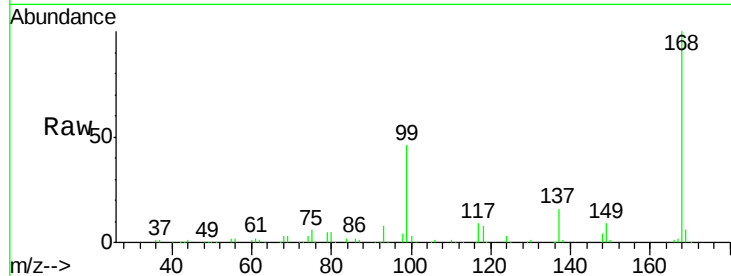




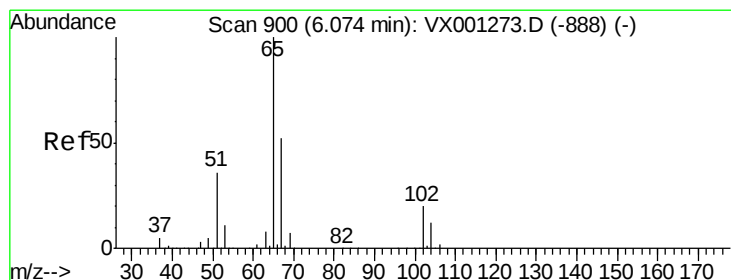
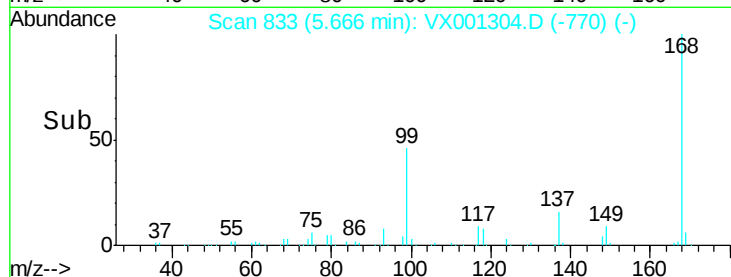
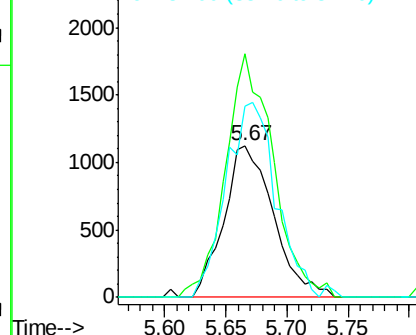
#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001304.D
Acq: 02 May 2018 03:53

Instrument :
MSVOA_X
ClientSampleId :
PB108752TBZHE#13

Tgt Ion: 56 Resp: 3170
Ion Ratio Lower Upper
56 100
69 160.6 24.0 36.0#
84 125.9 69.0 103.4#

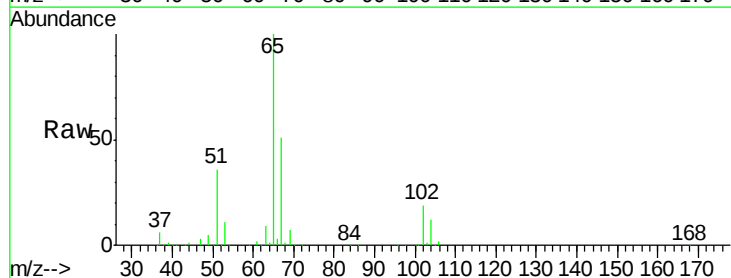


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

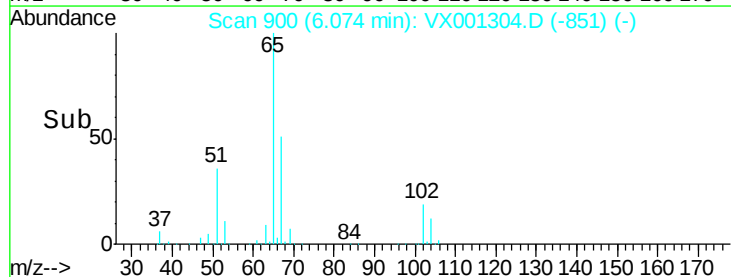
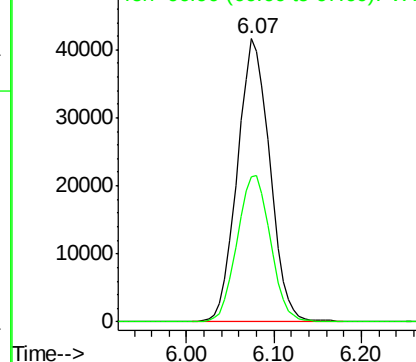


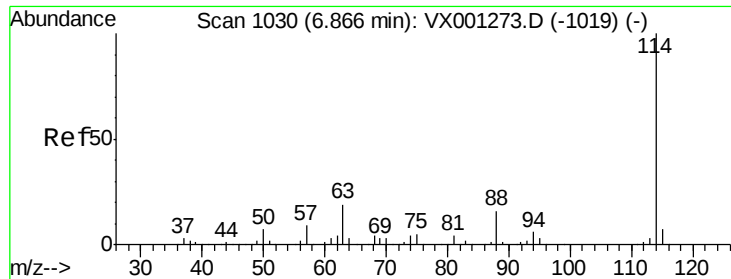
#33
1,2-Dichloroethane-d4
Concen: 44.59 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001304.D
Acq: 02 May 2018 03:53

Tgt Ion: 65 Resp: 107369
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.8



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

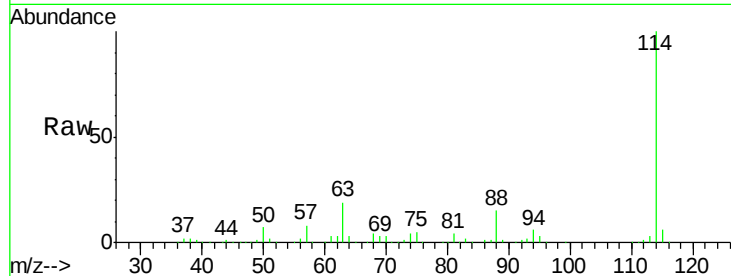




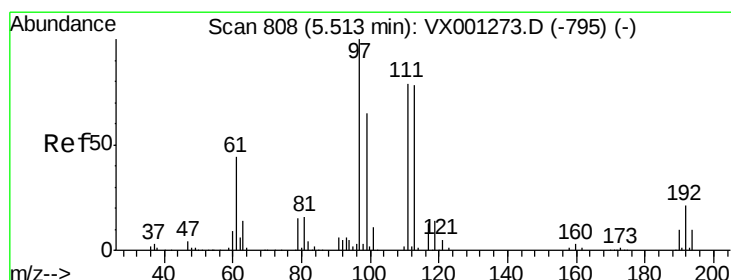
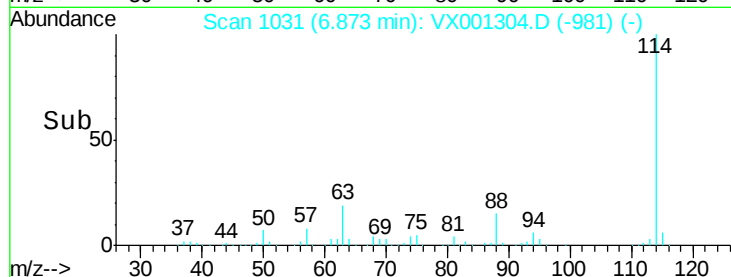
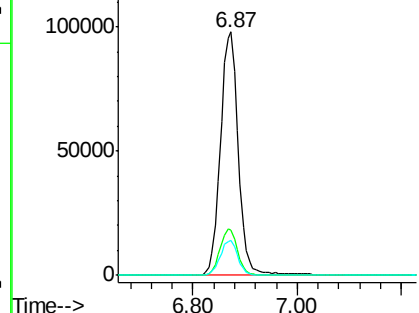
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001304.D
 Acq: 02 May 2018 03:53

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108752TBZHE#13

Tgt Ion:114 Resp: 236793
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.8
 88 14.6 0.0 32.2

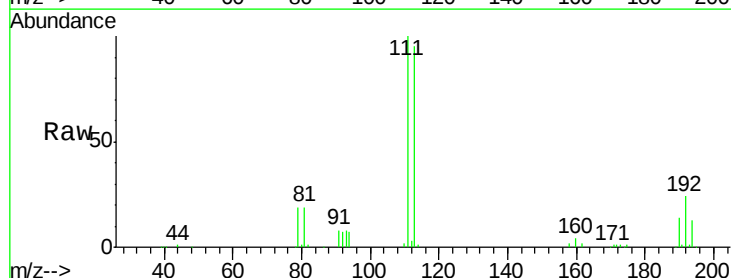


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

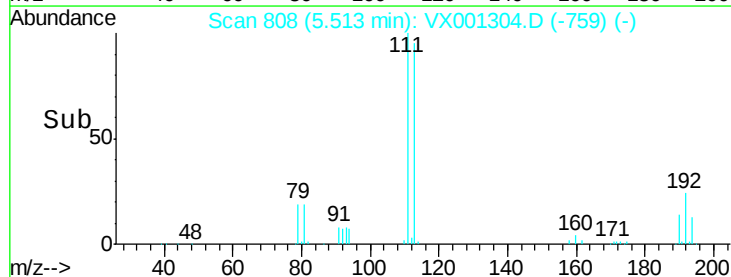
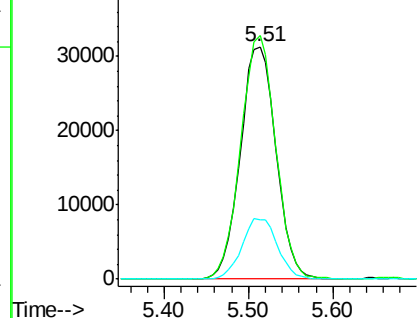


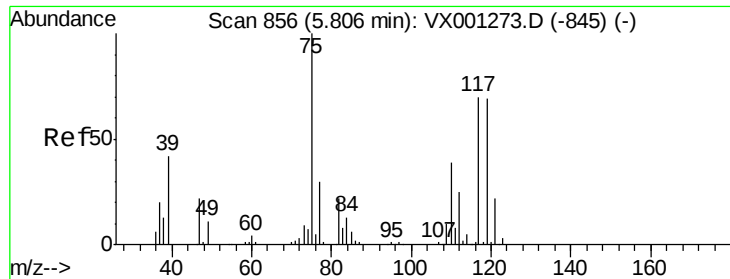
#35
 Dibromofluoromethane
 Concen: 44.09 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001304.D
 Acq: 02 May 2018 03:53

Tgt Ion:113 Resp: 89947
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.2 121.8
 192 25.9 20.7 31.1



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

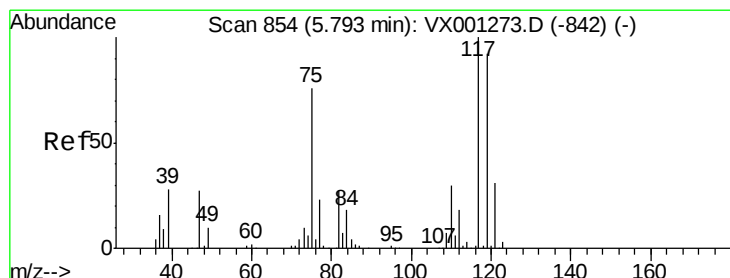
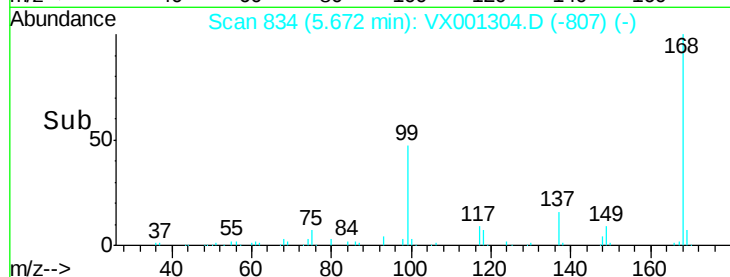
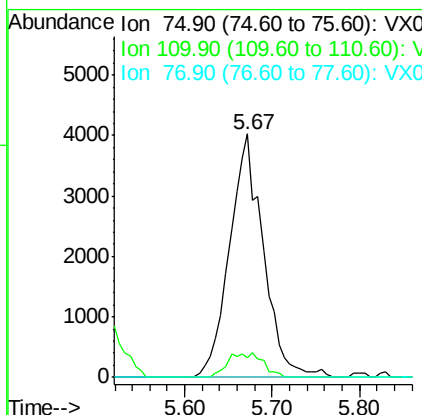
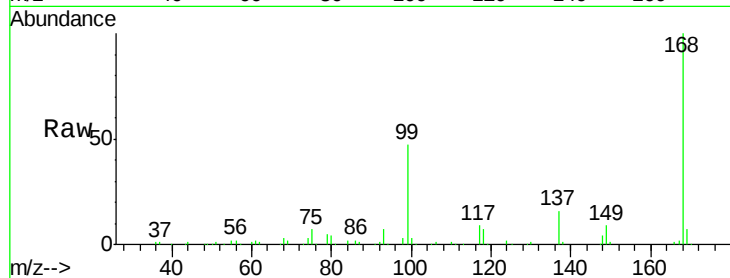




#36
 1,1-Dichloropropene
 Concen: 3.95 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001304.D
 Acq: 02 May 2018 03:53

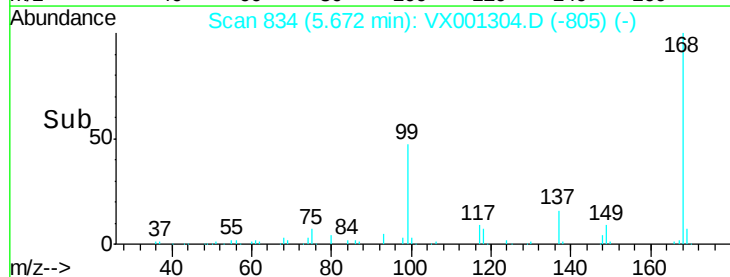
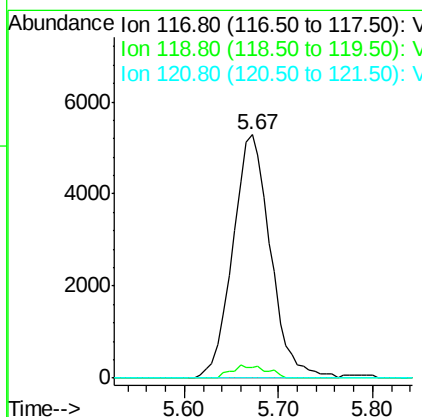
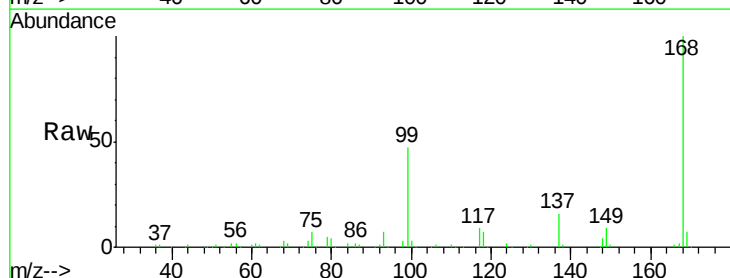
Instrument :
 MSVOA_X
 ClientSampleId :
 PB108752TBZHE#13

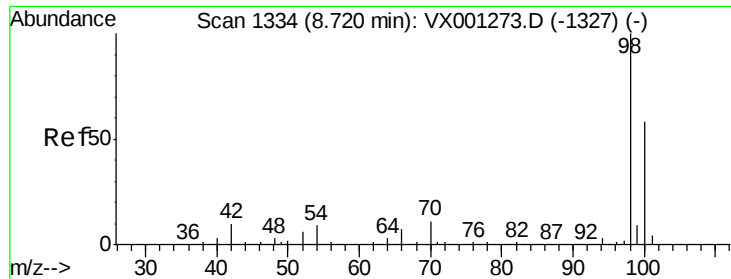
Tgt Ion: 75 Resp: 10787
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.9 56.9#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 5.16 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001304.D
 Acq: 02 May 2018 03:53

Tgt Ion: 117 Resp: 14764
 Ion Ratio Lower Upper
 117 100
 119 4.3 73.4 110.2#
 121 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 45.60 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001304.D

Acq: 02 May 2018 03:53

Instrument :

MSVOA_X

ClientSampleId :

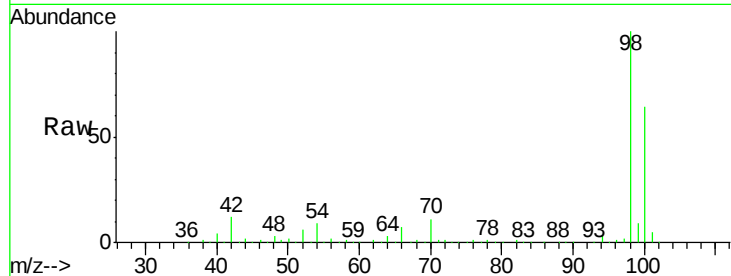
PB108752TBZHE#13

Tgt Ion: 98 Resp: 332314

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

250000

200000

150000

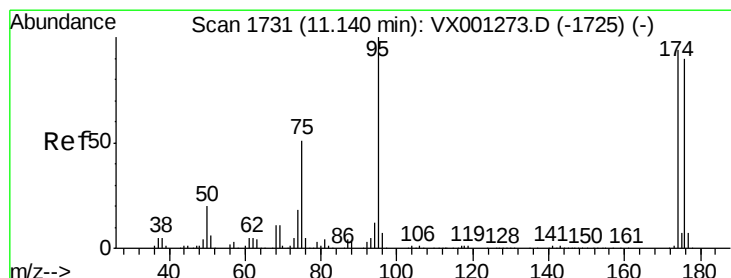
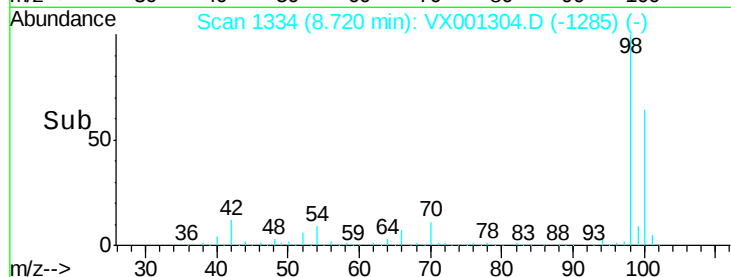
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 37.76 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001304.D

Acq: 02 May 2018 03:53

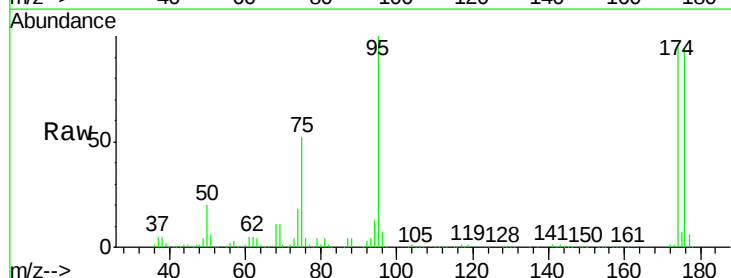
Tgt Ion: 95 Resp: 110073

Ion Ratio Lower Upper

95 100

174 104.7 0.0 201.8

176 102.3 0.0 197.2



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

120000

100000

80000

60000

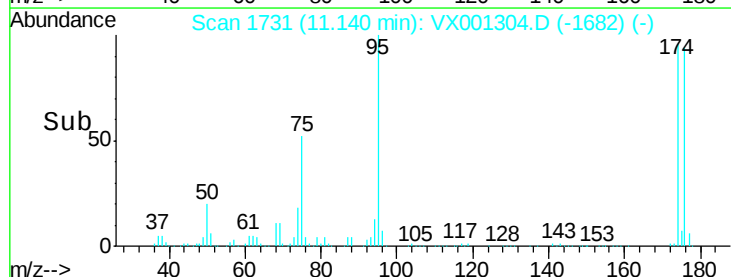
40000

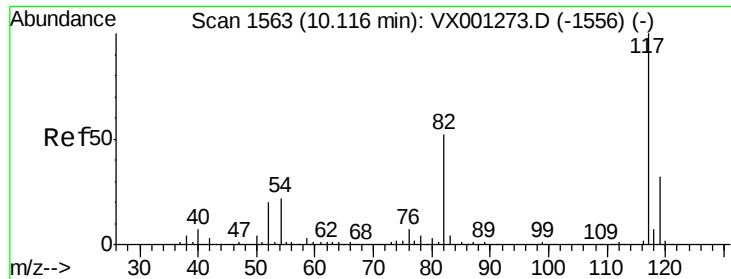
20000

0

Time-->

11.10 11.20

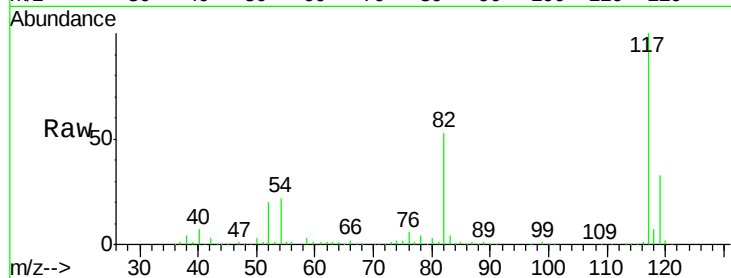




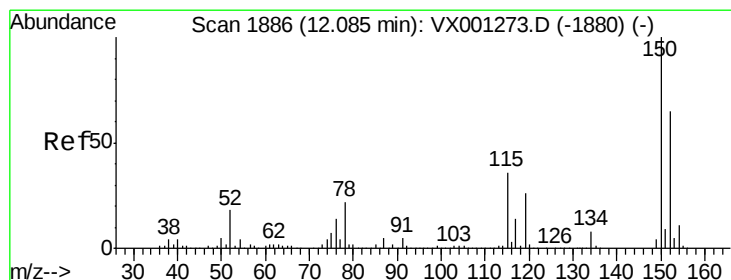
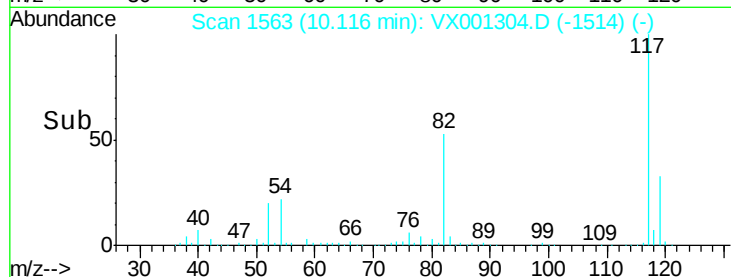
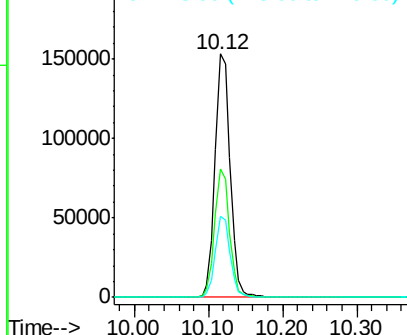
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001304.D
Acq: 02 May 2018 03:53

Instrument :
MSVOA_X
ClientSampleId :
PB108752TBZHE#13

Tgt Ion:117 Resp: 213879
Ion Ratio Lower Upper
117 100
82 52.6 41.4 62.0
119 33.3 25.5 38.3

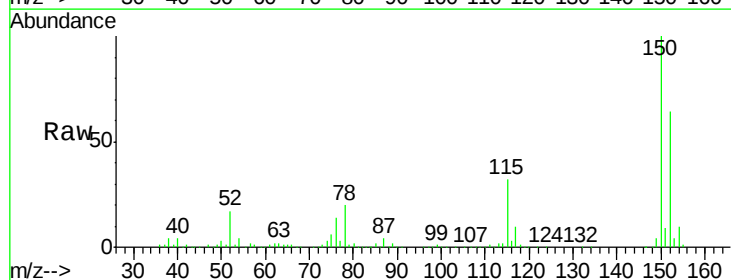


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

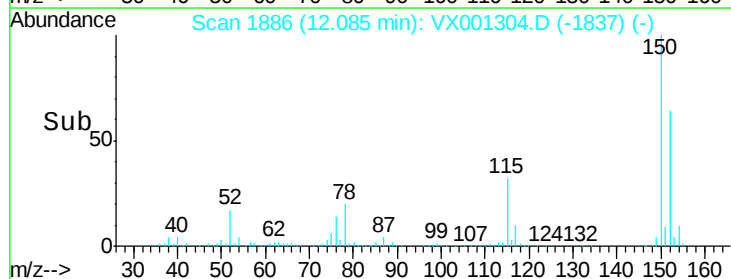
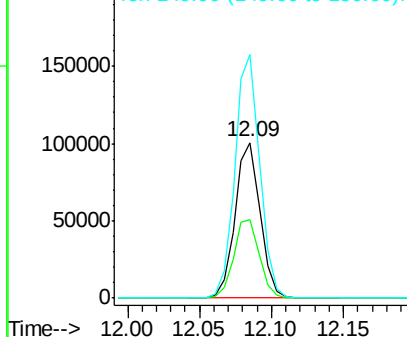


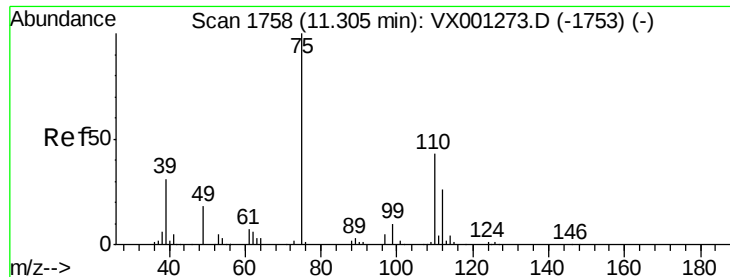
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001304.D
Acq: 02 May 2018 03:53

Tgt Ion:152 Resp: 122131
Ion Ratio Lower Upper
152 100
115 52.3 38.6 115.7
150 156.1 0.0 349.2



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

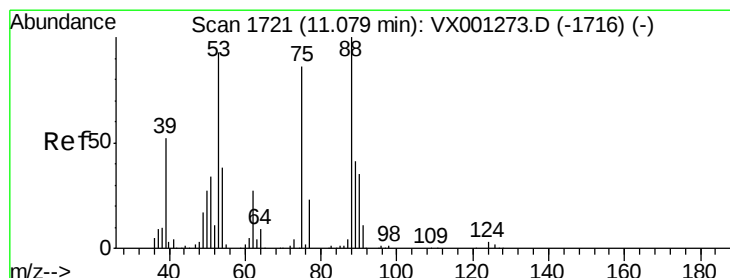
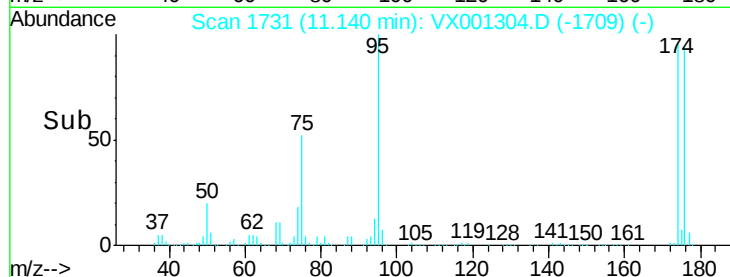
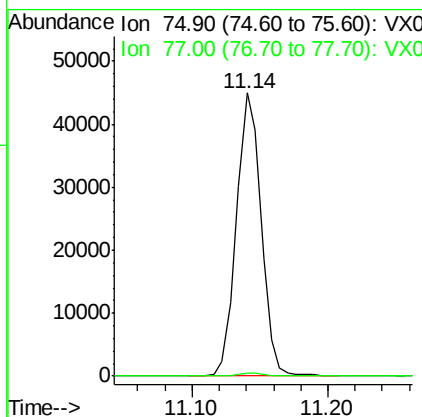
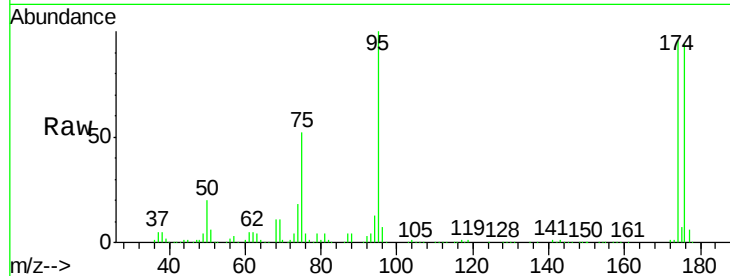




#76
 1,2,3-Trichloropropane
 Concen: 25.17 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001304.D
 Acq: 02 May 2018 03:53

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108752TBZHE#13

Tgt Ion: 75 Resp: 56851
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.16 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001304.D
 Acq: 02 May 2018 03:53

Tgt Ion: 75 Resp: 56851
 Ion Ratio Lower Upper
 75 100
 53 0.1 87.1 130.7#
 89 0.0 38.9 58.3#

