

Data File : VX001297.D

Acq On : 02 May 2018 00:46

Operator : JC/MD

Sample : PB108752TBZHE#05

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 30 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

PB108752TBZHE#05

Quant Time: May 02 02:11:56 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	168245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	231565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	205742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	114009	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	104764	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
35) Dibromofluoromethane	5.51	113	85919	43.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.14%	
50) Toluene-d8	8.72	98	322509	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
62) 4-Bromofluorobenzene	11.14	95	103823	36.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.84%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	457	0.25	ug/l #	70
5) Bromomethane	1.61	94	77	Below	Cal #	2
6) Chloroethane	1.78	64	469	0.39	ug/l #	81
10) Methyl Iodide	2.52	142	744	4.66	ug/l #	90
11) Tert butyl alcohol	3.08	59	91	0.23	ug/l #	1
13) Acrolein	2.29	56	128	0.55	ug/l #	30
16) Acetone	2.45	43	8335	8.38	ug/l	97
18) Methyl Acetate	2.78	43	16546	7.05	ug/l	100
20) Methylene Chloride	2.87	84	3361	0.29	ug/l	95
25) 2-Butanone	4.73	43	1590	1.18	ug/l	92
29) Tetrahydrofuran	5.18	42	404	0.49	ug/l #	63
31) Cyclohexane	5.67	56	2930	1.02	ug/l #	4
36) 1,1-Dichloropropene	5.67	75	10496	3.93	ug/l #	49
38) Carbon Tetrachloride	5.67	117	14176	5.06	ug/l #	19
76) 1,2,3-Trichloropropane	11.14	75	53806	25.52	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	53806	80.20	ug/l #	6

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

Data File : VX001297.D

Acq On : 02 May 2018 00:46

Operator : JC/MD

Sample : PB108752TBZHE#05

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 30 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

PB108752TBZHE#05

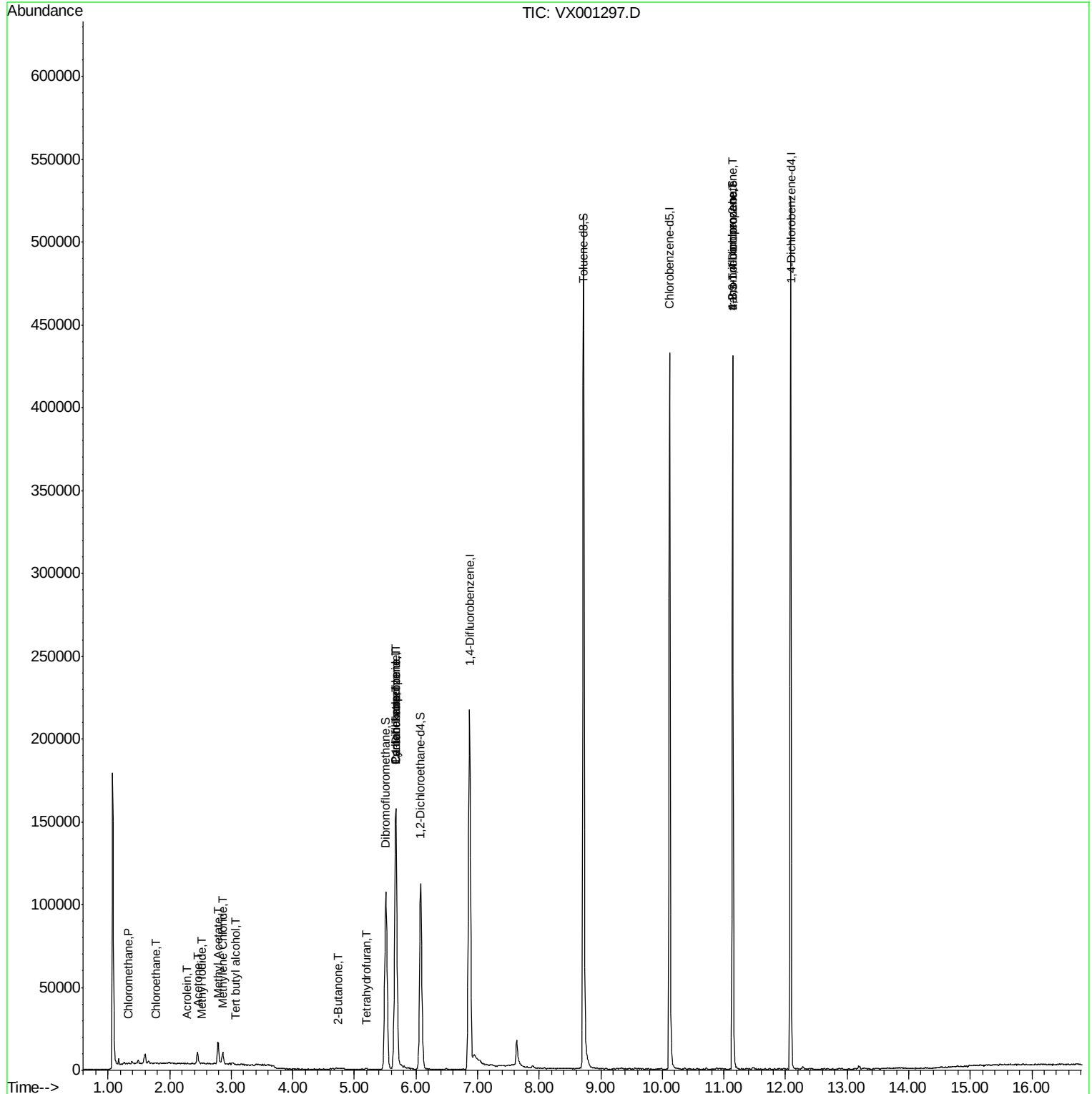
Quant Time: May 02 02:11:56 2018

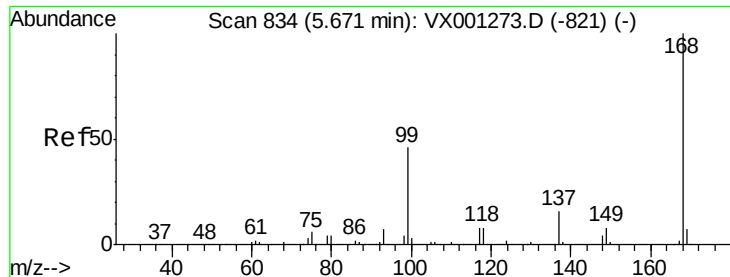
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

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: VX001297.D

Acq: 02 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

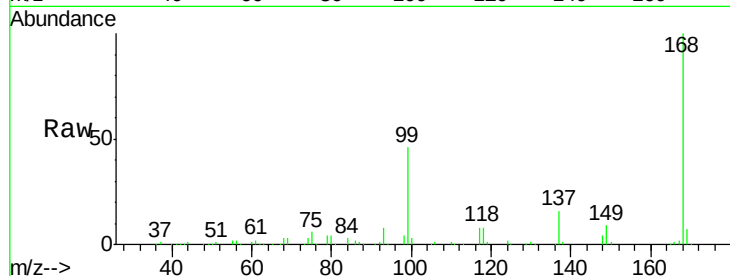
PB108752TBZHE#05

Tgt Ion:168 Resp: 168245

Ion Ratio Lower Upper

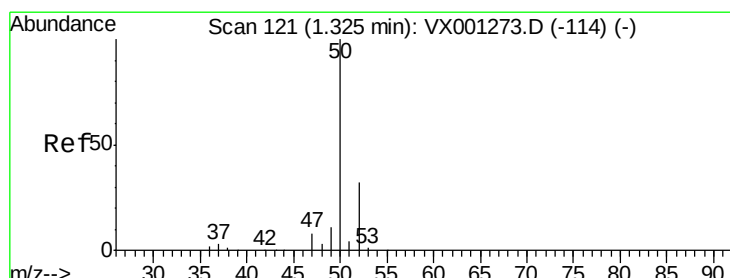
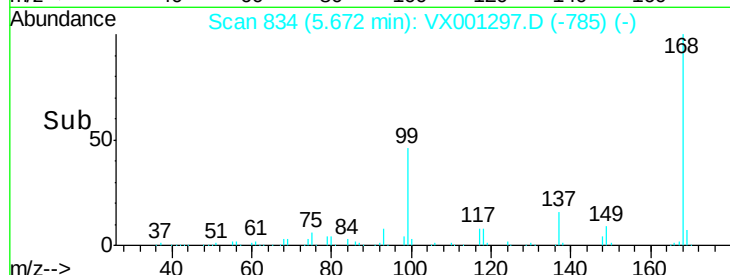
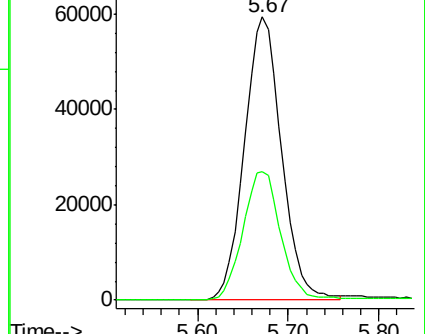
168 100

99 45.5 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.25 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001297.D

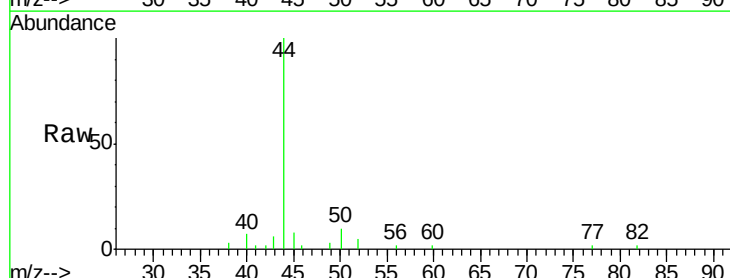
Acq: 02 May 2018 00:46

Tgt Ion: 50 Resp: 457

Ion Ratio Lower Upper

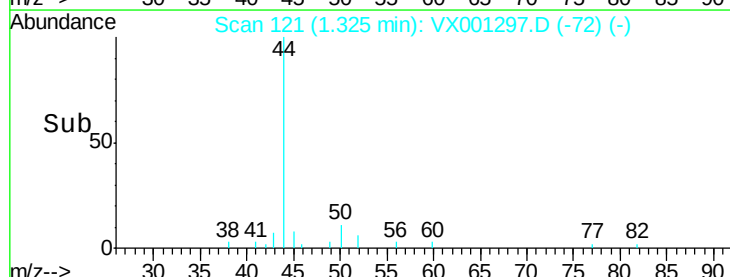
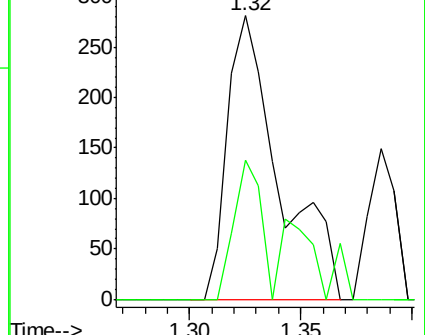
50 100

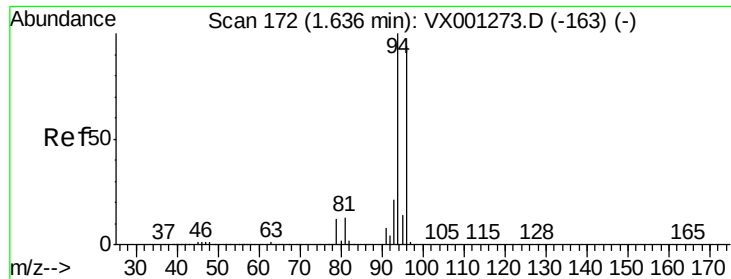
52 49.1 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 168

Delta R.T. -0.02 min

Lab File: VX001297.D

Acq: 02 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

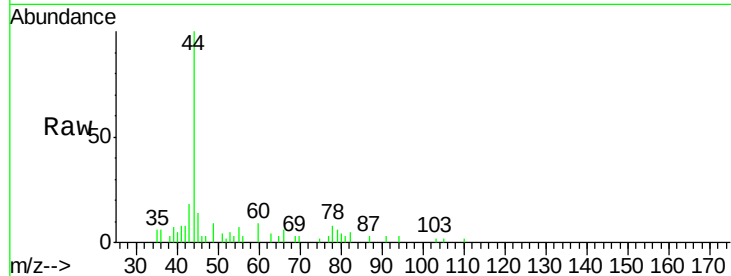
PB108752TBZHE#05

Tgt Ion: 94 Resp: 77

Ion Ratio Lower Upper

94 100

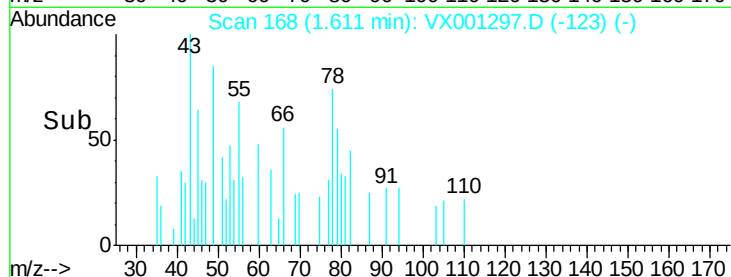
96 0.0 75.6 113.4#



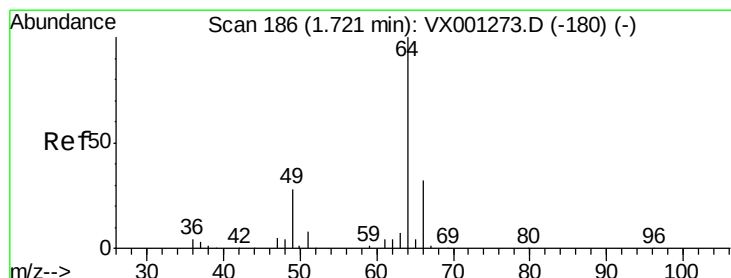
Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

Time-->



Time-->



#6

Chloroethane

Concen: 0.39 ug/l

RT: 1.78 min Scan# 195

Delta R.T. 0.06 min

Lab File: VX001297.D

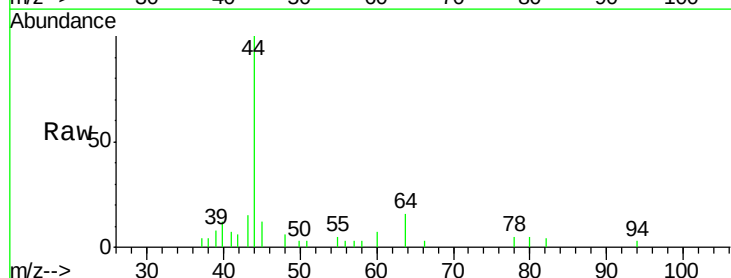
Acq: 02 May 2018 00:46

Tgt Ion: 64 Resp: 469

Ion Ratio Lower Upper

64 100

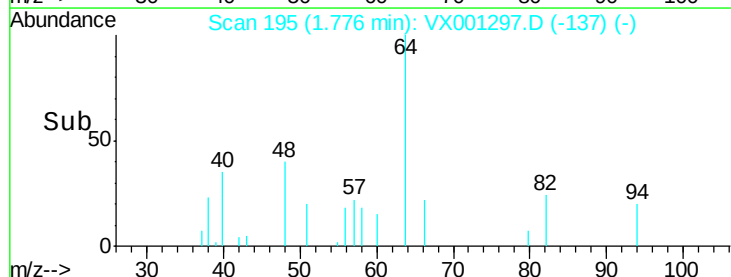
66 21.5 25.7 38.5#



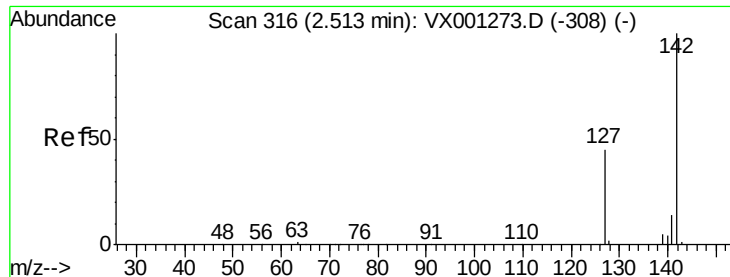
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

Time-->



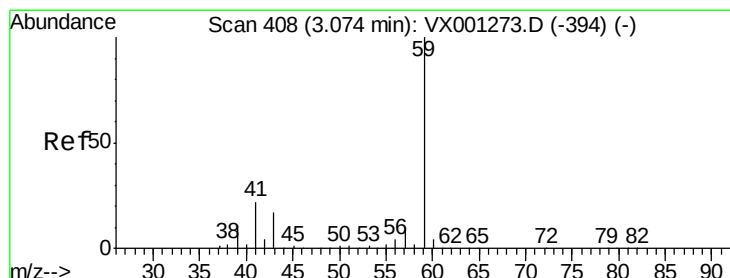
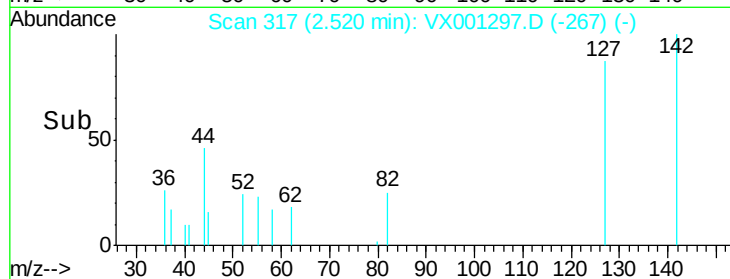
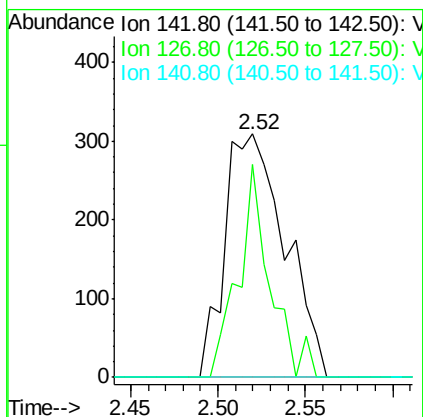
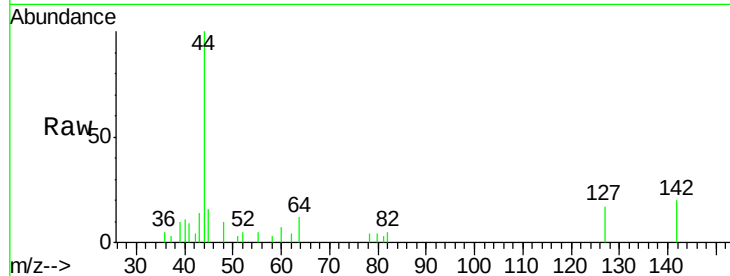
Time-->



#10
Methyl Iodide
Concen: 4.66 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001297.D
Acq: 02 May 2018 00:46

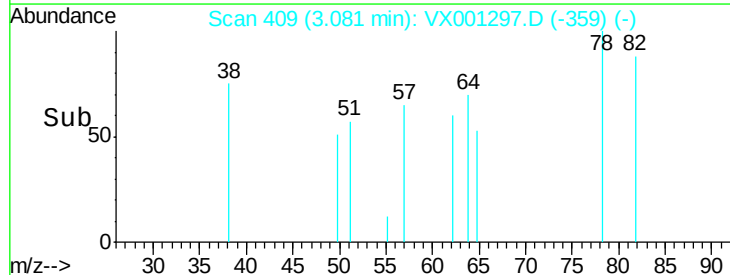
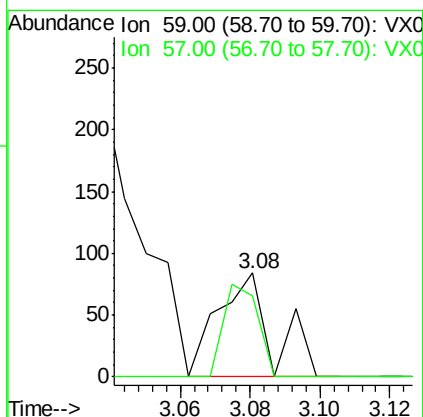
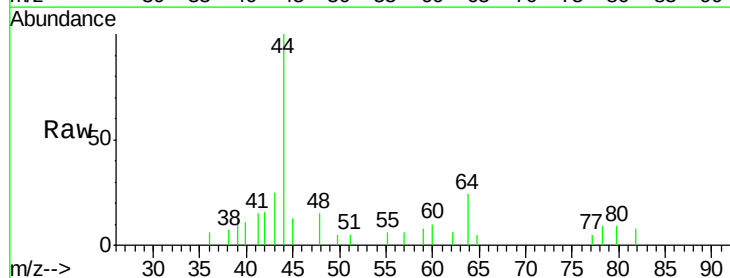
Instrument :
MSVOA_X
ClientSampleId :
PB108752TBZHE#05

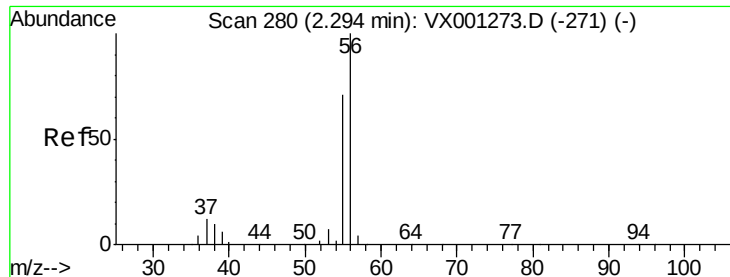
Tgt Ion:142 Resp: 744
Ion Ratio Lower Upper
142 100
127 45.6 35.7 53.5
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.23 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX001297.D
Acq: 02 May 2018 00:46

Tgt Ion: 59 Resp: 91
Ion Ratio Lower Upper
59 100
57 57.1 8.6 12.8#





#13

Acrolein

Concen: 0.55 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX001297.D

Acq: 02 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

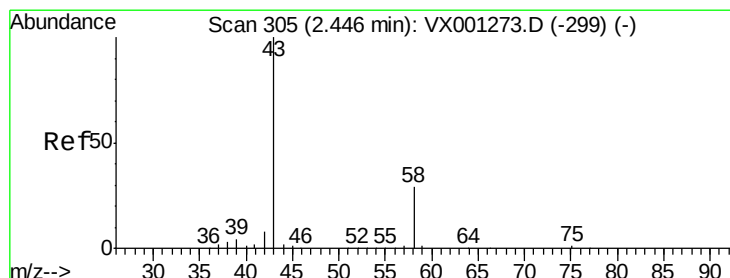
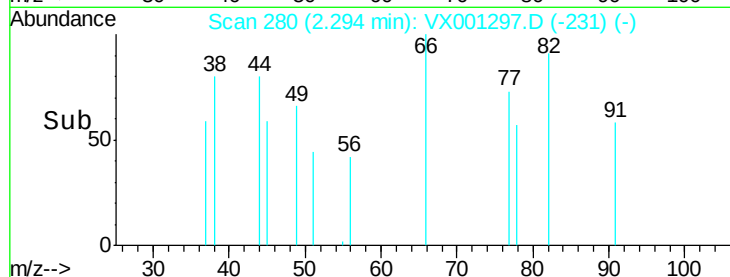
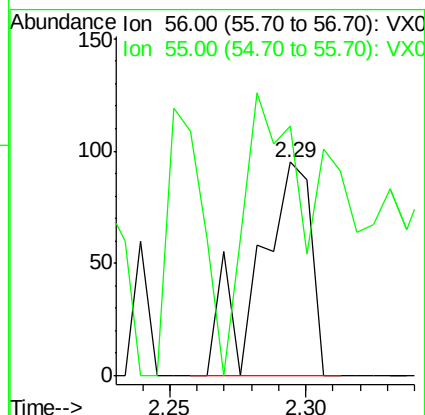
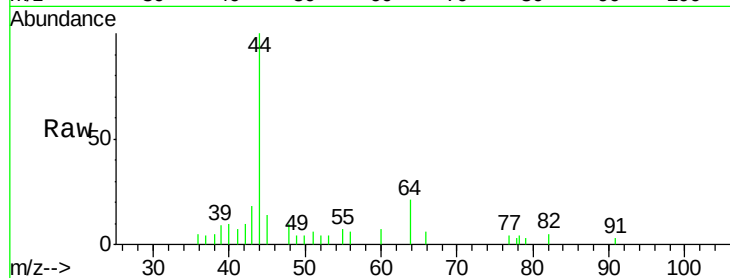
PB108752TBZHE#05

Tgt Ion: 56 Resp: 128

Ion Ratio Lower Upper

56 100

55 129.7 57.2 85.8#



#16

Acetone

Concen: 8.38 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001297.D

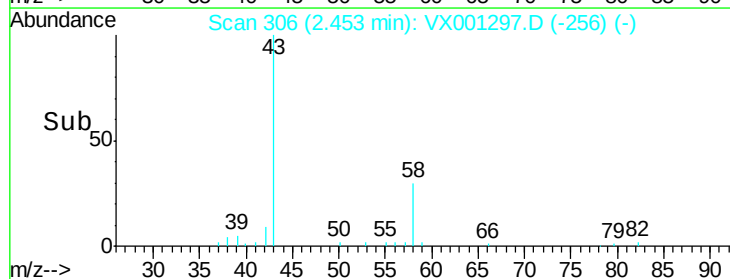
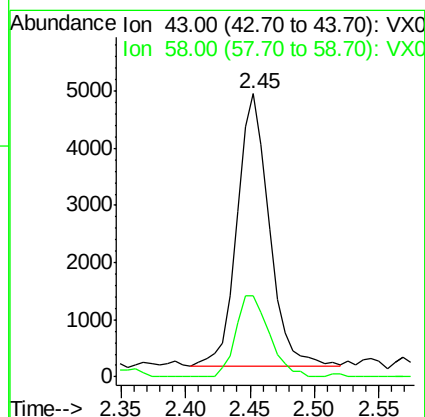
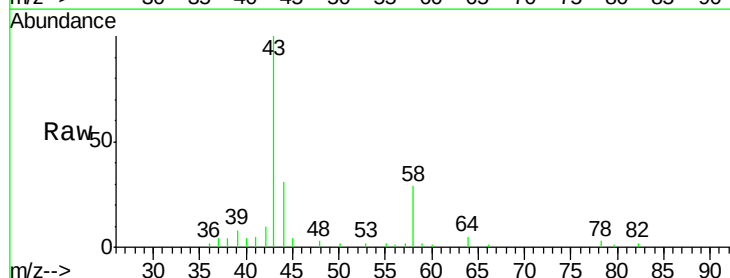
Acq: 02 May 2018 00:46

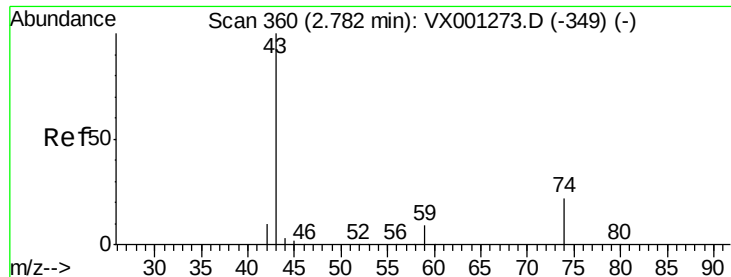
Tgt Ion: 43 Resp: 8335

Ion Ratio Lower Upper

43 100

58 29.8 22.8 34.2

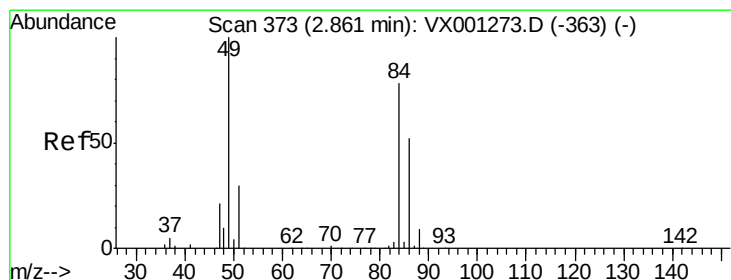
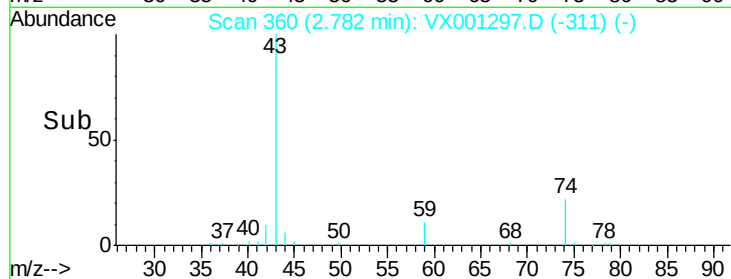
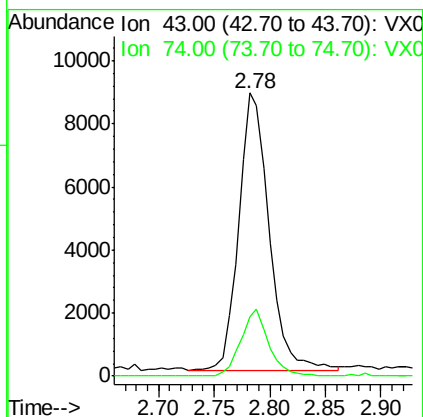
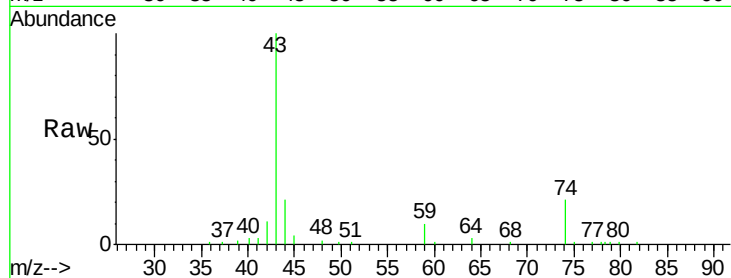




#18
Methyl Acetate
Concen: 7.05 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001297.D
Acq: 02 May 2018 00:46

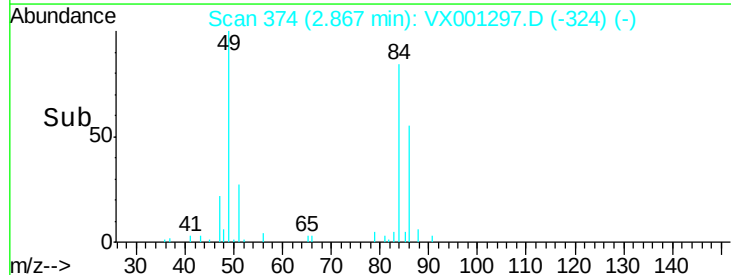
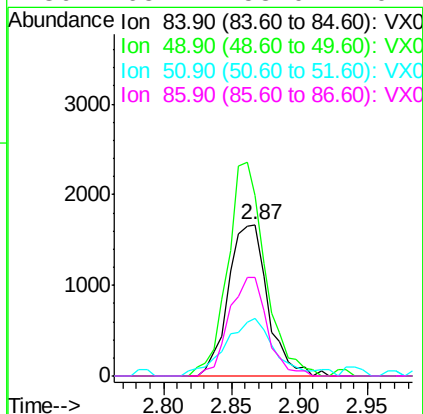
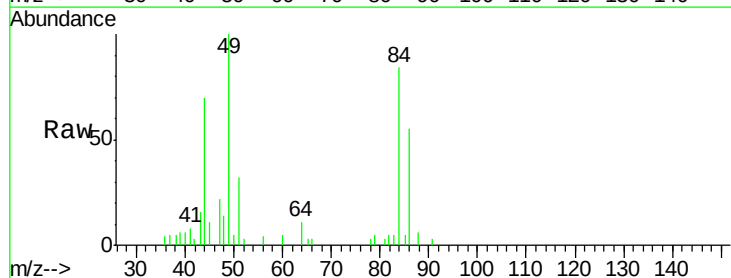
Instrument :
MSVOA_X
ClientSampleId :
PB108752TBZHE#05

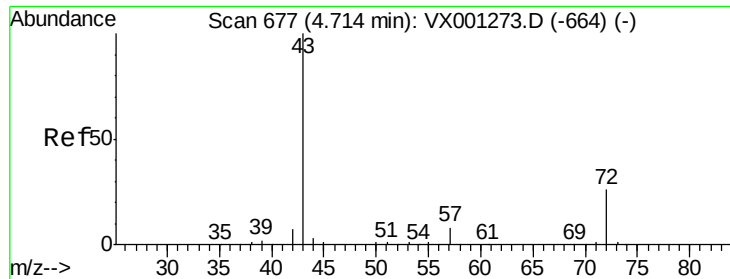
Tgt Ion: 43 Resp: 16546
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.6



#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX001297.D
Acq: 02 May 2018 00:46

Tgt Ion: 84 Resp: 3361
Ion Ratio Lower Upper
84 100
49 118.9 102.8 154.2
51 37.6 30.9 46.3
86 65.2 53.0 79.4





#25

2-Butanone

Concen: 1.18 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.02 min

Lab File: VX001297.D

Acq: 02 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

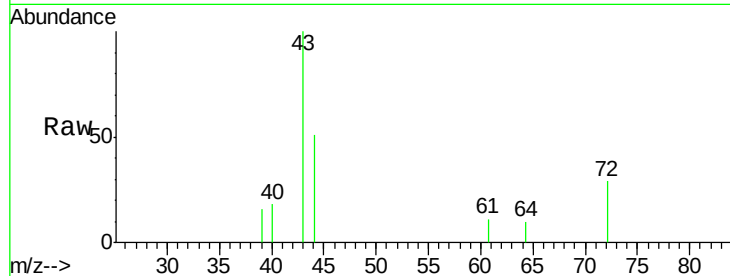
PB108752TBZHE#05

Tgt Ion: 43 Resp: 1590

Ion Ratio Lower Upper

43 100

72 29.4 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.73

600

500

400

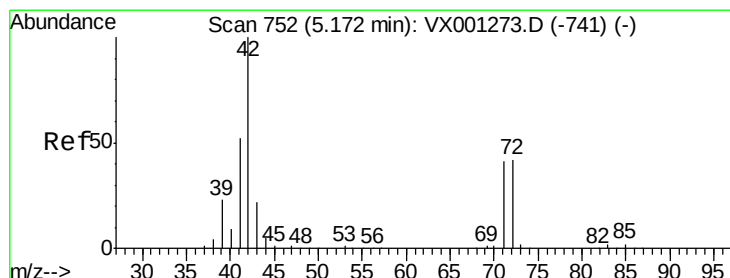
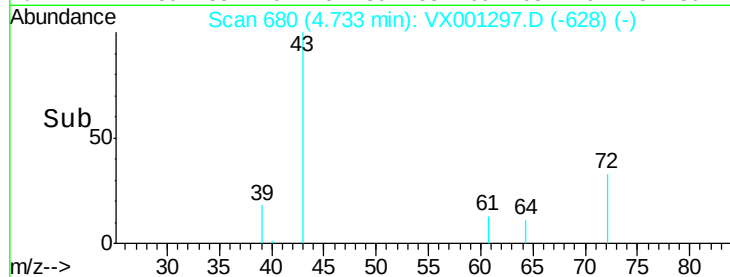
300

200

100

0

Time-->



#29

Tetrahydrofuran

Concen: 0.49 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001297.D

Acq: 02 May 2018 00:46

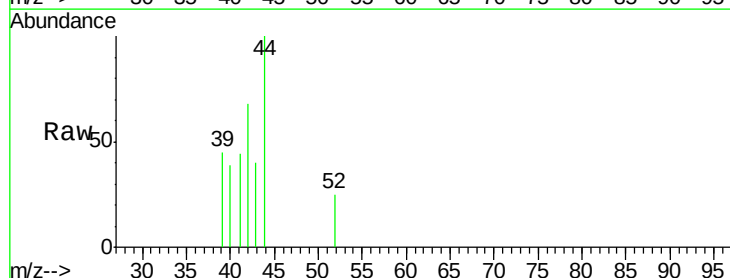
Tgt Ion: 42 Resp: 404

Ion Ratio Lower Upper

42 100

72 11.9 34.6 52.0#

71 56.4 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

250

200

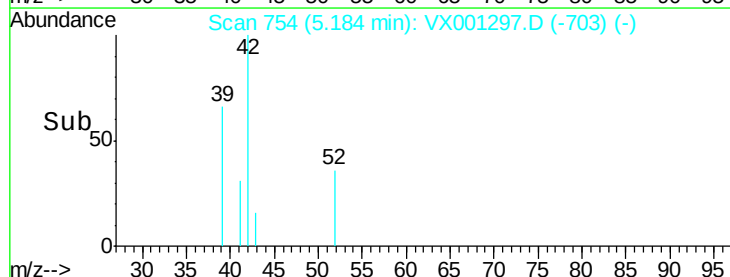
150

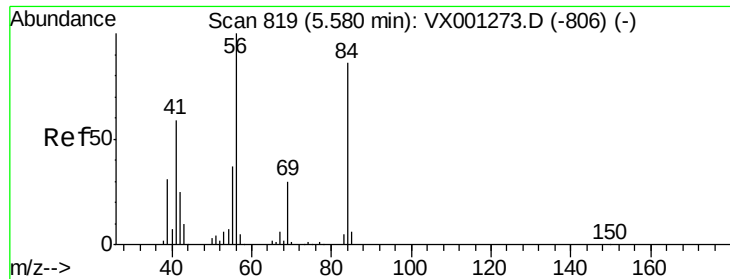
100

50

0

Time-->

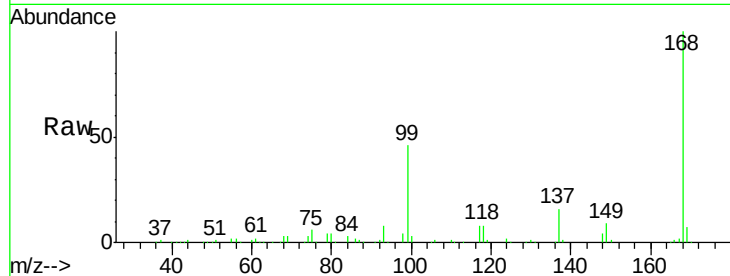




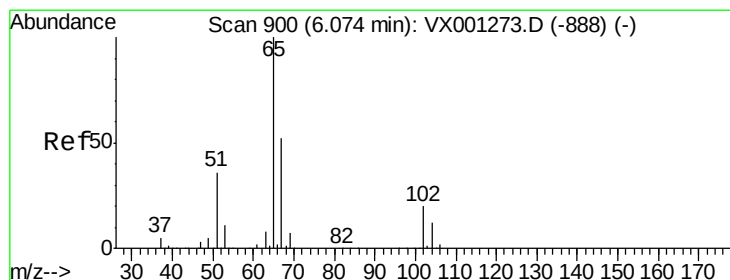
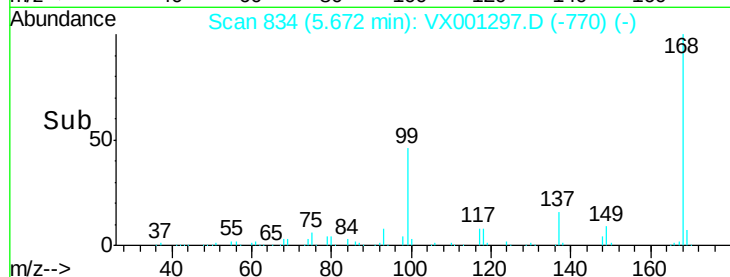
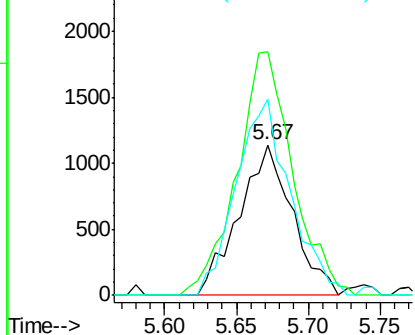
#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001297.D
Acq: 02 May 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :
PB108752TBZHE#05

Tgt Ion: 56 Resp: 2930
Ion Ratio Lower Upper
56 100
69 156.5 24.0 36.0#
84 130.9 69.0 103.4#

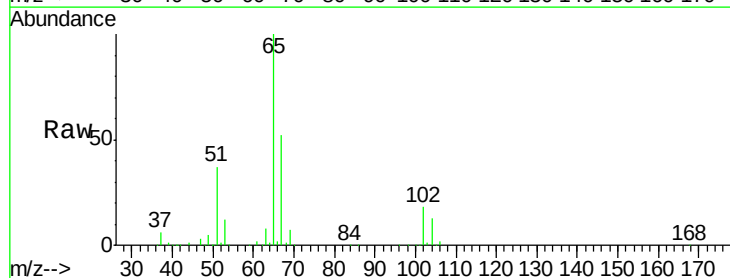


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

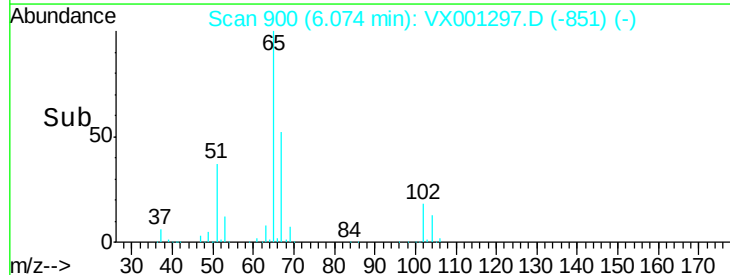
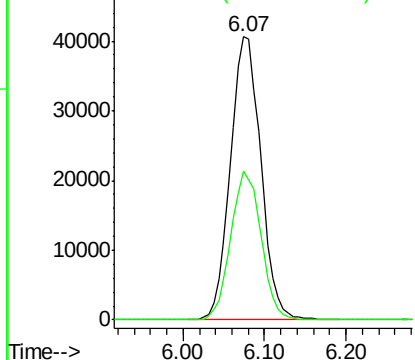


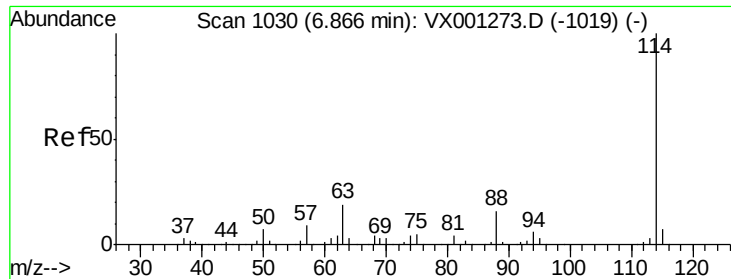
#33
1,2-Dichloroethane-d4
Concen: 44.98 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001297.D
Acq: 02 May 2018 00:46

Tgt Ion: 65 Resp: 104764
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.8



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

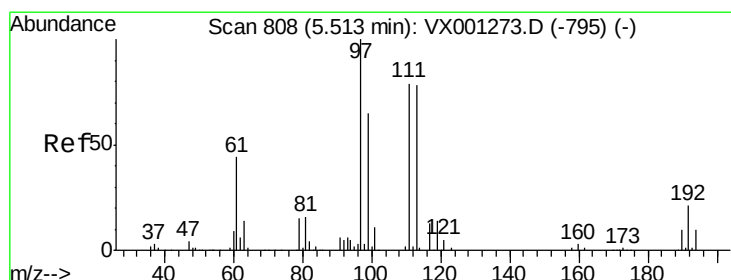
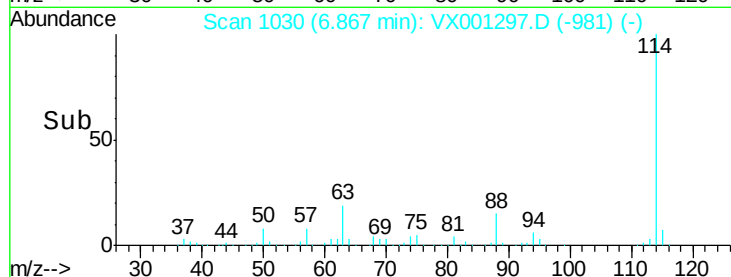
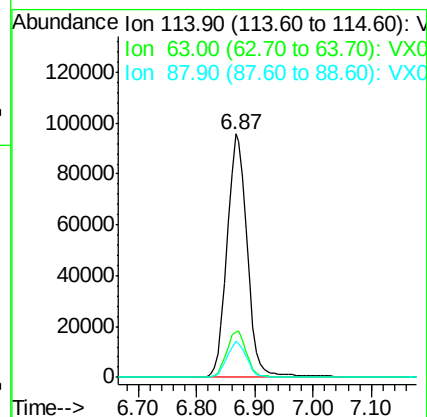
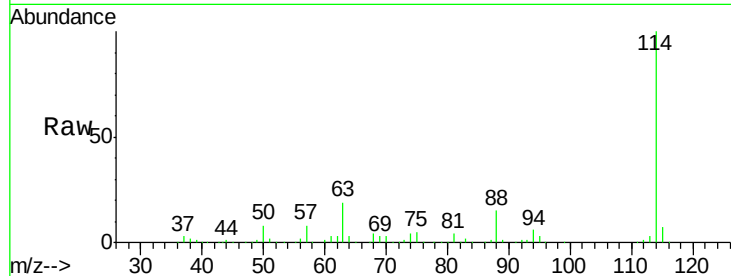




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001297.D
 Acq: 02 May 2018 00:46

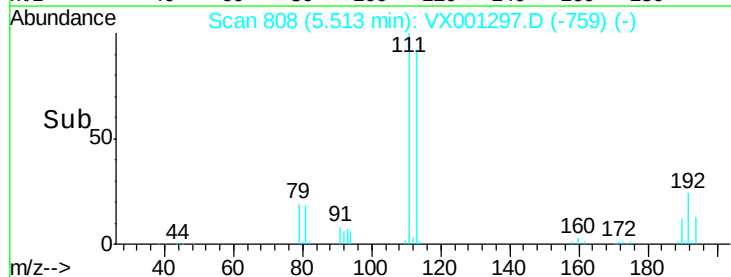
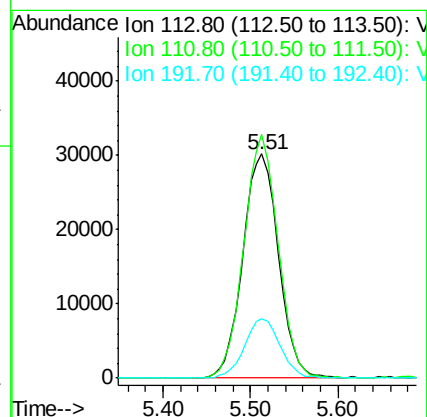
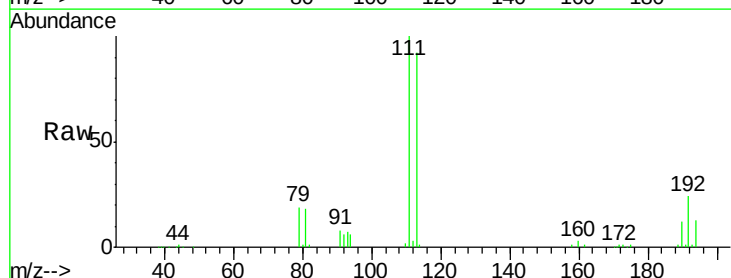
Instrument :
 MSVOA_X
 ClientSampleId :
 PB108752TBZHE#05

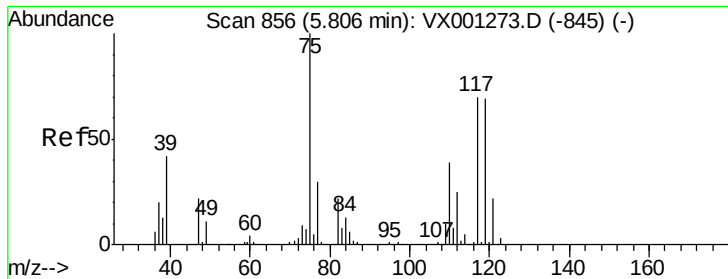
Tgt Ion:114 Resp: 231565
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.8
 88 14.6 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 43.07 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001297.D
 Acq: 02 May 2018 00:46

Tgt Ion:113 Resp: 85919
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.2 121.8
 192 26.3 20.7 31.1

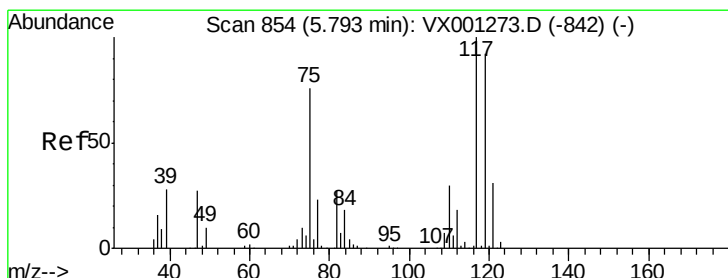
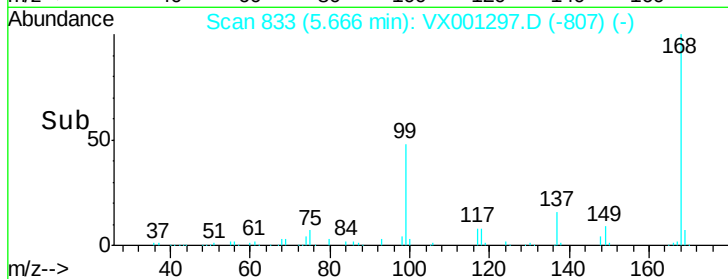
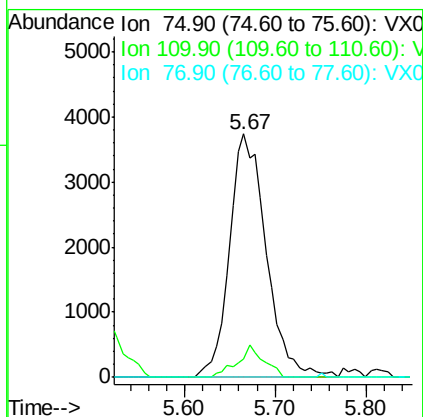
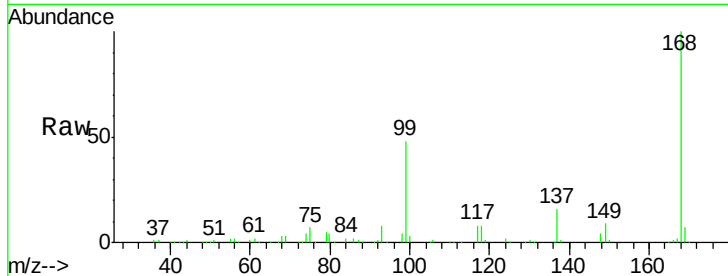




#36
 1,1-Dichloropropene
 Concen: 3.93 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001297.D
 Acq: 02 May 2018 00:46

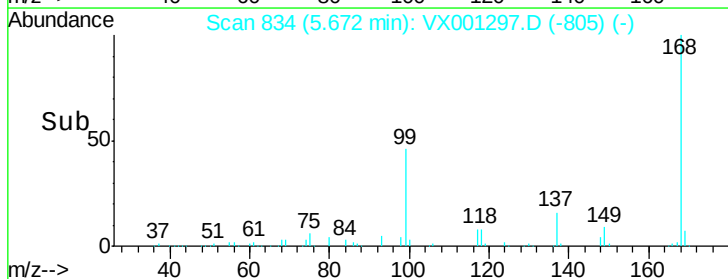
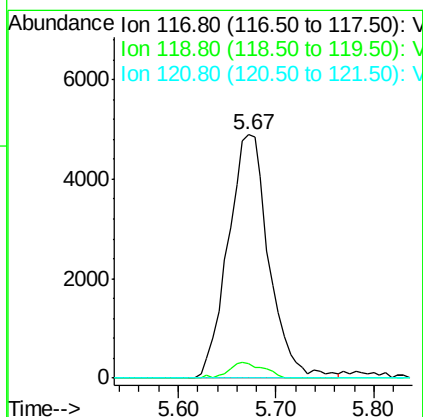
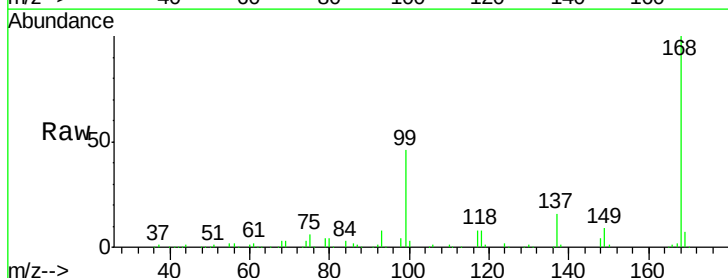
Instrument :
 MSVOA_X
 ClientSampleId :
 PB108752TBZHE#05

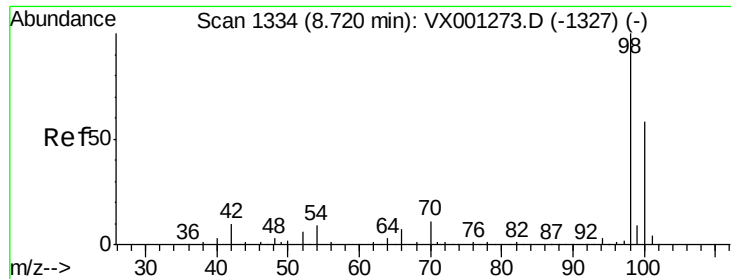
Tgt Ion: 75 Resp: 10496
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.9 56.9#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 5.06 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001297.D
 Acq: 02 May 2018 00:46

Tgt Ion: 117 Resp: 14176
 Ion Ratio Lower Upper
 117 100
 119 6.1 73.4 110.2#
 121 0.0 25.0 37.4#

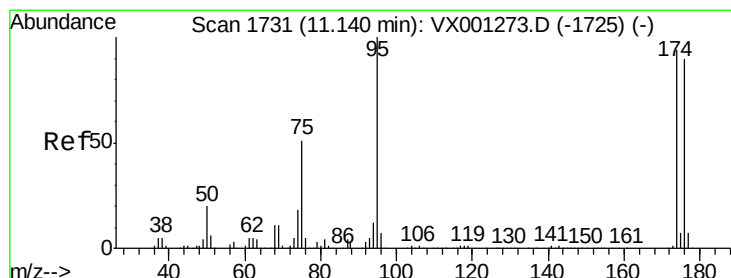
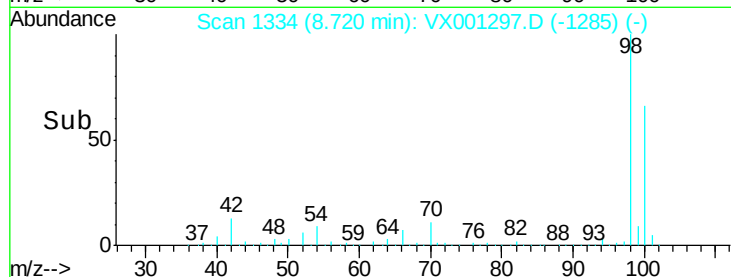
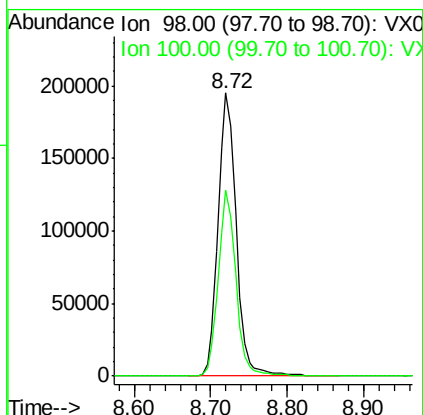
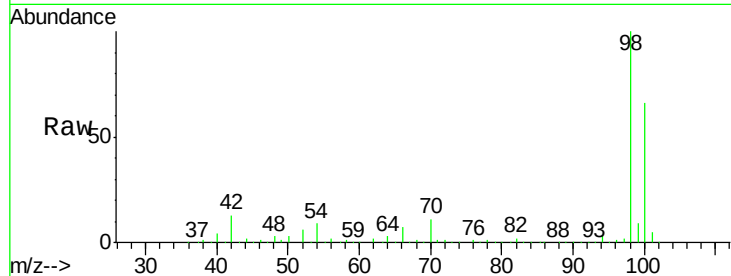




#50
Toluene-d8
Concen: 45.25 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001297.D
Acq: 02 May 2018 00:46

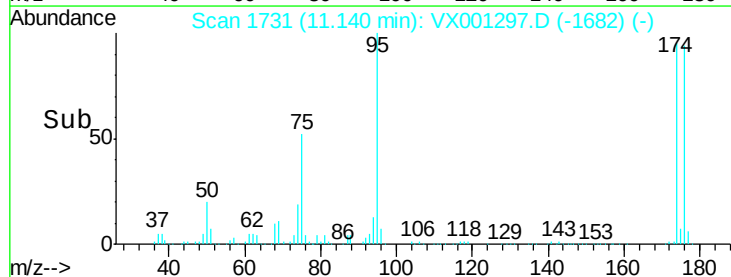
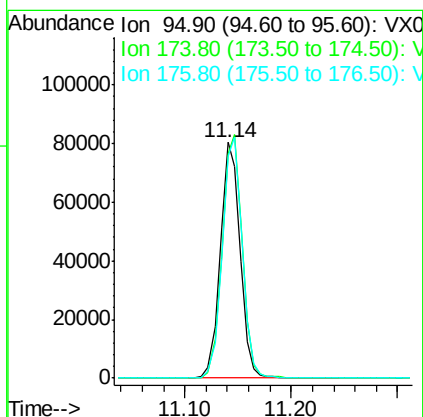
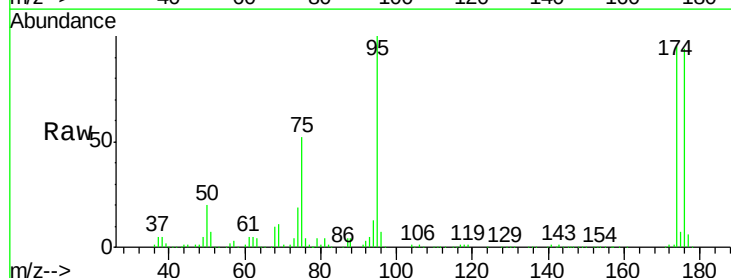
Instrument :
MSVOA_X
ClientSampleId :
PB108752TBZHE#05

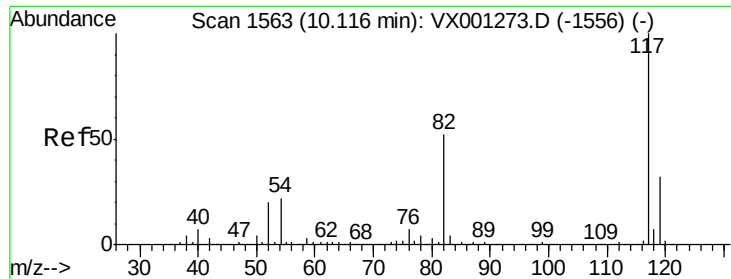
Tgt Ion: 98 Resp: 322509
Ion Ratio Lower Upper
98 100
100 63.9 51.0 76.4



#62
4-Bromofluorobenzene
Concen: 36.42 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001297.D
Acq: 02 May 2018 00:46

Tgt Ion: 95 Resp: 103823
Ion Ratio Lower Upper
95 100
174 104.9 0.0 201.8
176 103.2 0.0 197.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX001297.D

Acq: 02 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

PB108752TBZHE#05

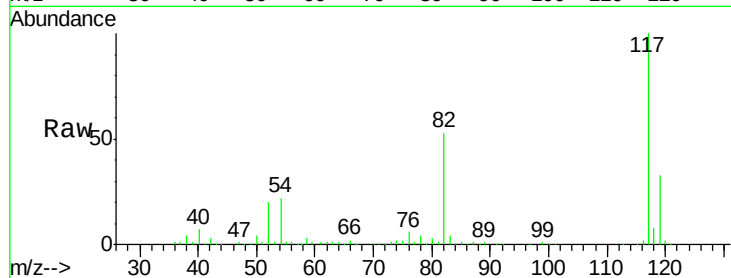
Tgt Ion:117 Resp: 205742

Ion Ratio Lower Upper

117 100

82 53.0 41.4 62.0

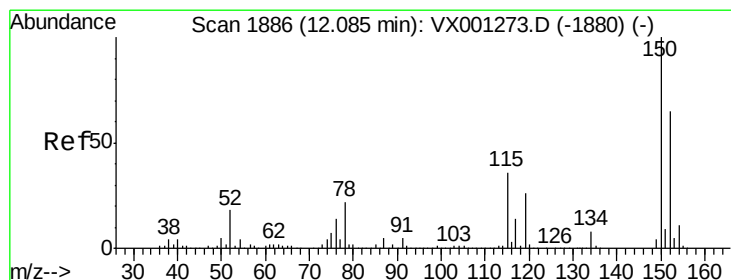
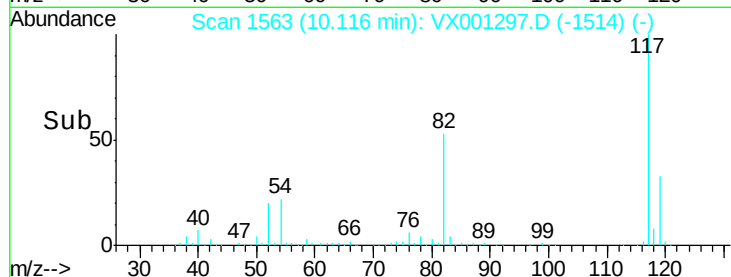
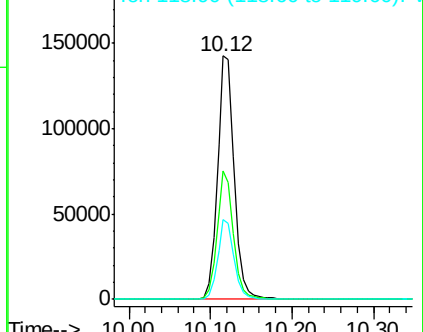
119 32.6 25.5 38.3



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: VX001297.D

Acq: 02 May 2018 00:46

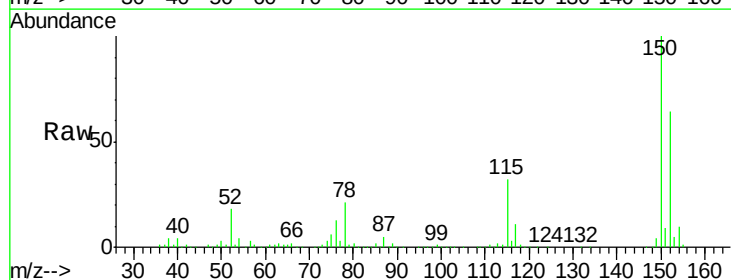
Tgt Ion:152 Resp: 114009

Ion Ratio Lower Upper

152 100

115 52.1 38.6 115.7

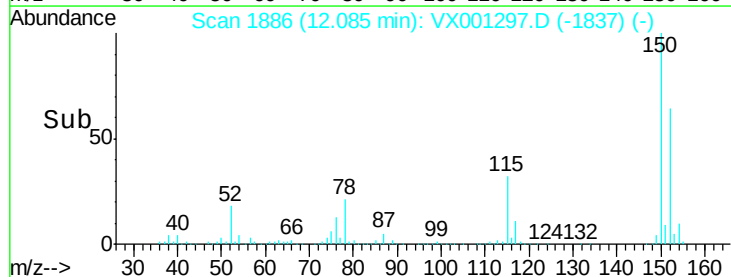
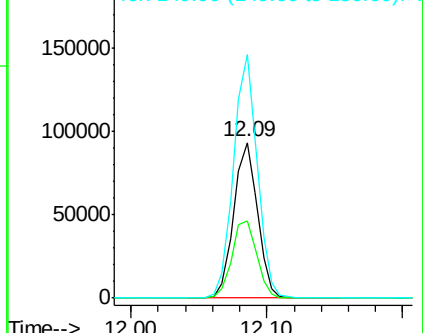
150 155.4 0.0 349.2

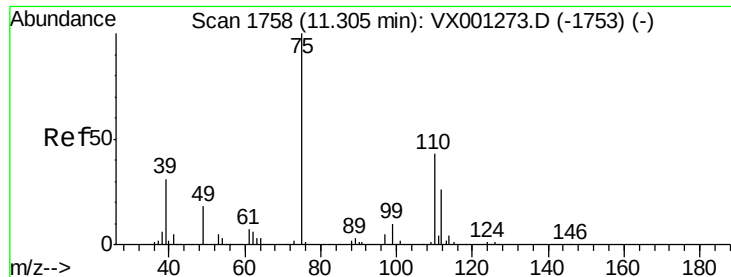


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

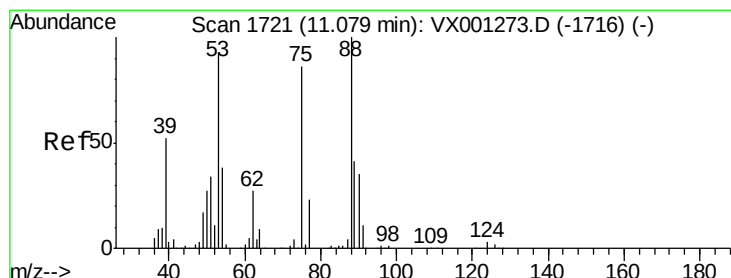
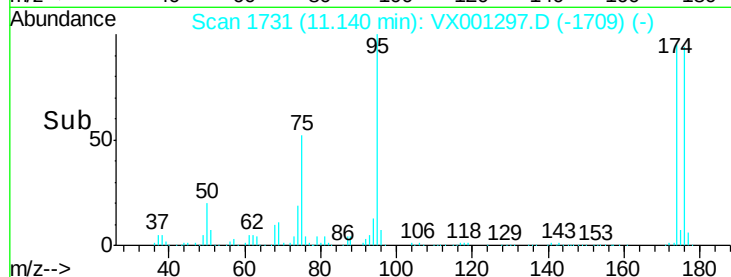
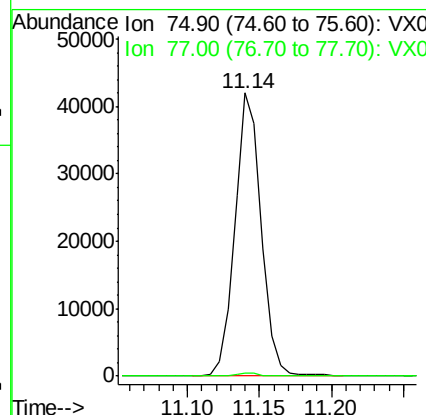
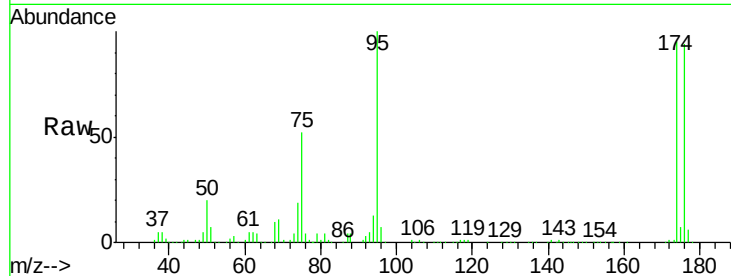




#76
 1,2,3-Trichloropropane
 Concen: 25.52 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001297.D
 Acq: 02 May 2018 00:46

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108752TBZHE#05

Tgt Ion: 75 Resp: 53806
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.20 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001297.D
 Acq: 02 May 2018 00:46

Tgt Ion: 75 Resp: 53806
 Ion Ratio Lower Upper
 75 100
 53 0.1 87.1 130.7#
 89 0.0 38.9 58.3#

