

Data File : VX001357.D

Acq On : 03 May 2018 14:20

Operator : JC/MD

Sample : J2628-03

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 6 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-WATERREF-4

Quant Time: May 04 07:11:31 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	141115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185876	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	159341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	78857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	87045	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	
35) Dibromofluoromethane	5.51	113	71846	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
50) Toluene-d8	8.72	98	258014	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
62) 4-Bromofluorobenzene	11.14	95	75036	32.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.60%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	373	0.24	ug/l	99
5) Bromomethane	1.64	94	497	Below Cal	#	69
10) Methyl Iodide	2.52	142	593	4.65	ug/l #	89
11) Tert butyl alcohol	3.09	59	97	0.29	ug/l #	72
13) Acrolein	2.28	56	66	0.34	ug/l #	1
16) Acetone	2.45	43	1998	2.40	ug/l	93
18) Methyl Acetate	2.79	43	520	0.26	ug/l #	85
20) Methylene Chloride	2.86	84	503	Below Cal		86
29) Tetrahydrofuran	5.18	42	324	0.47	ug/l #	66
31) Cyclohexane	5.66	56	2435	1.01	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	8553	3.99	ug/l #	50
38) Carbon Tetrachloride	5.67	117	12082	5.38	ug/l #	18
76) 1,2,3-Trichloropropane	11.14	75	37899	25.99	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	37899	81.59	ug/l #	6

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

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Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-WATERREF-4

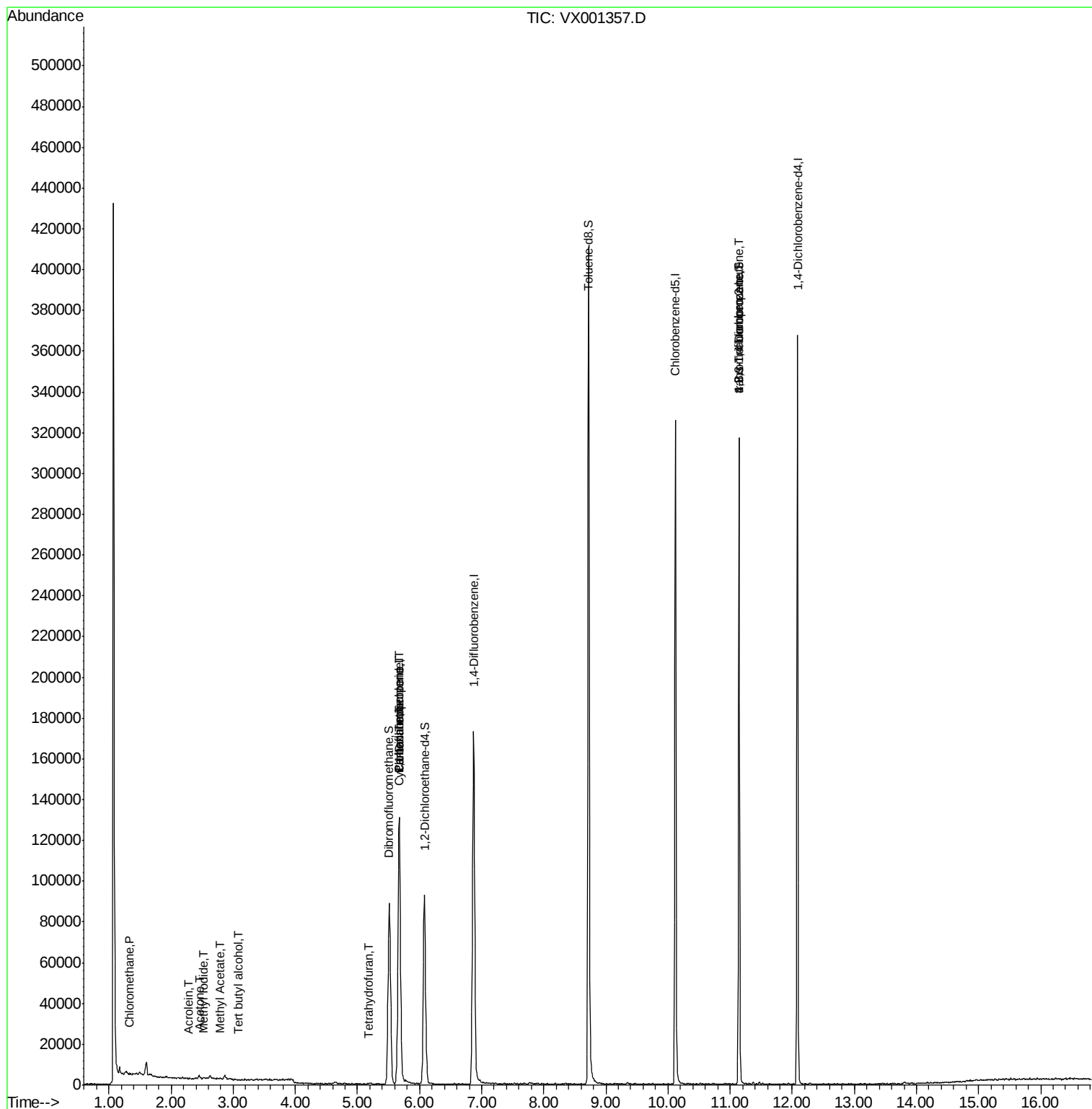
Quant Time: May 04 07:11:31 2018

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: VX001357.D

Acq: 03 May 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

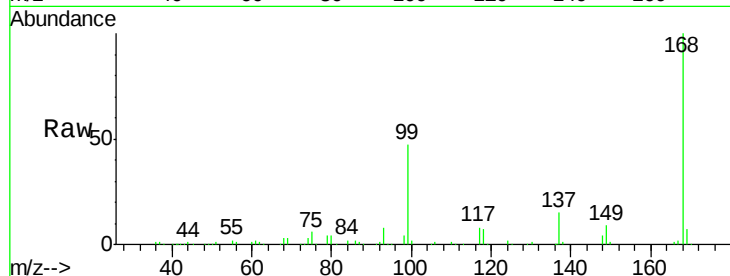
STORAGEBLANK-WATERREF-4

Tgt Ion:168 Resp: 141115

Ion Ratio Lower Upper

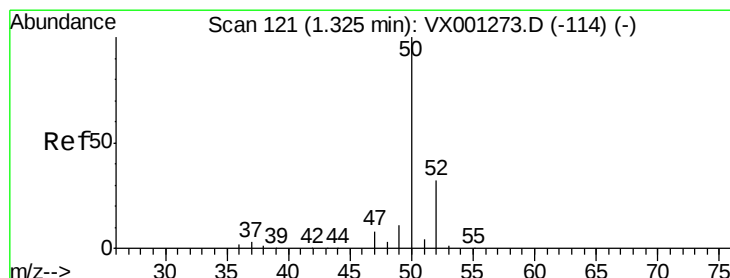
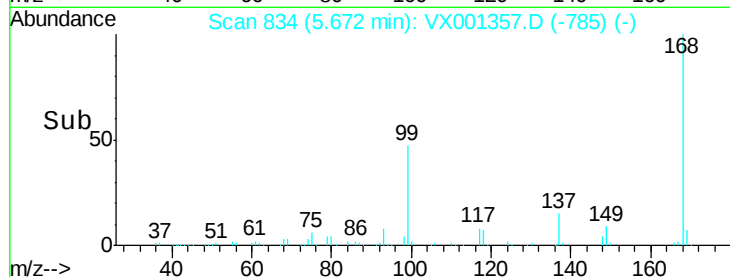
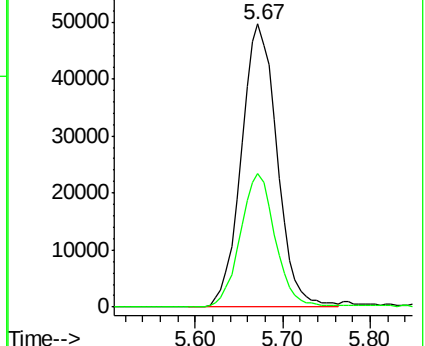
168 100

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



#3

Chloromethane

Concen: 0.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001357.D

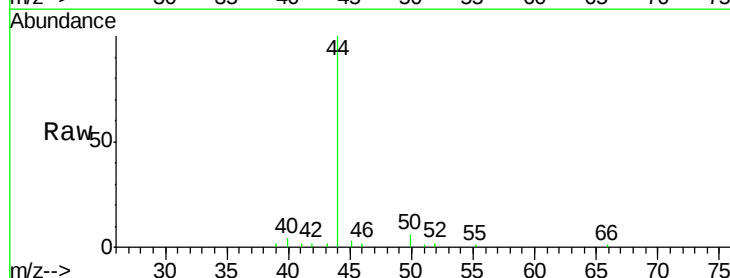
Acq: 03 May 2018 14:20

Tgt Ion: 50 Resp: 373

Ion Ratio Lower Upper

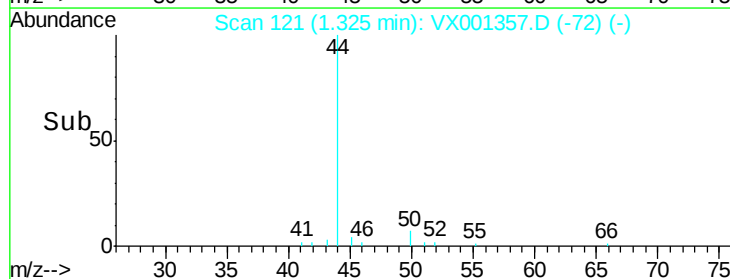
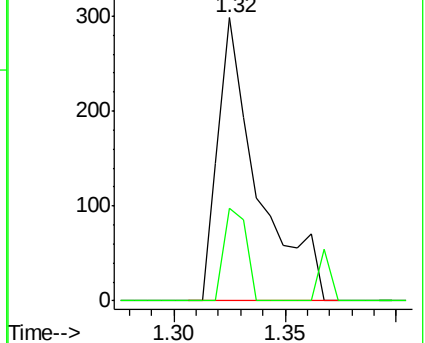
50 100

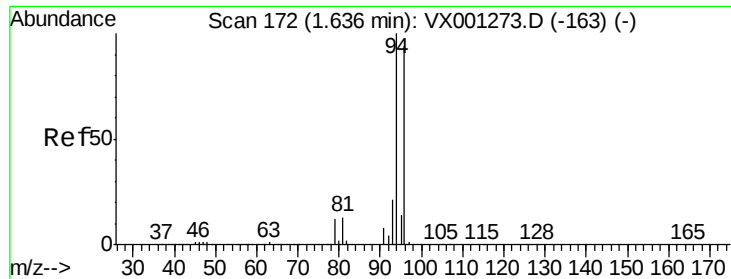
52 32.6 25.7 38.5



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: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001357.D

Acq: 03 May 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

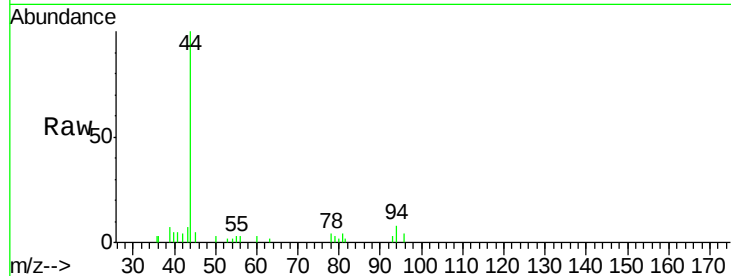
STORAGEBLANK-WATERREF-4

Tgt Ion: 94 Resp: 497

Ion Ratio Lower Upper

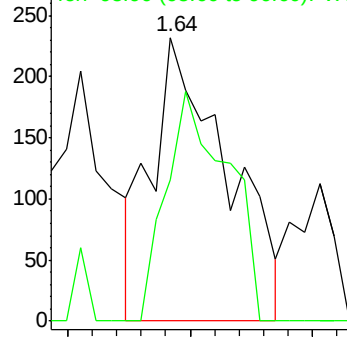
94 100

96 64.1 75.6 113.4#

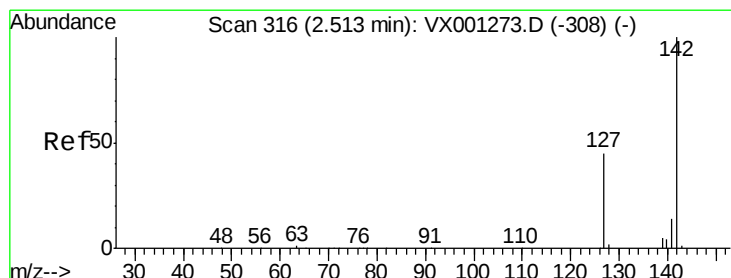
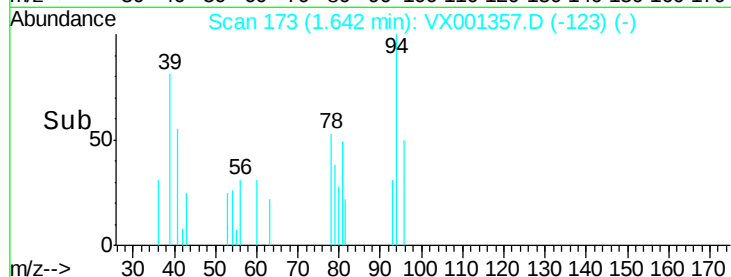


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#10

Methyl Iodide

Concen: 4.65 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001357.D

Acq: 03 May 2018 14:20

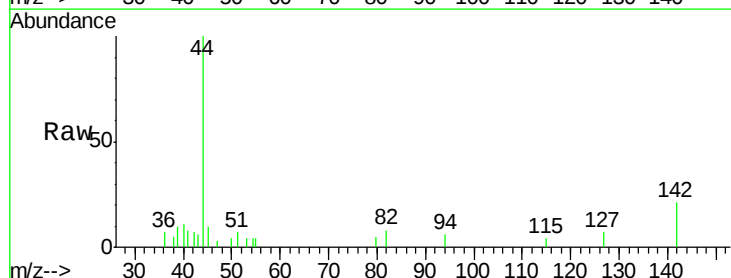
Tgt Ion: 142 Resp: 593

Ion Ratio Lower Upper

142 100

127 37.8 35.7 53.5

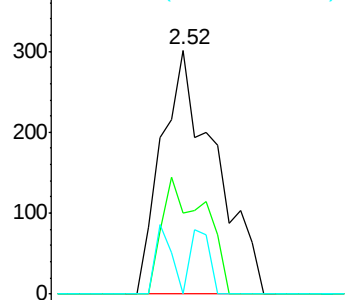
141 9.4 11.4 17.0#



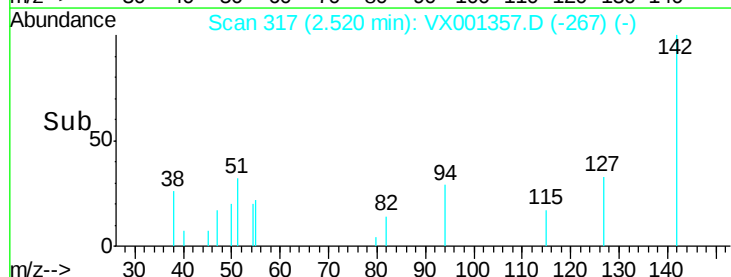
Abundance Ion 141.80 (141.50 to 142.50): V

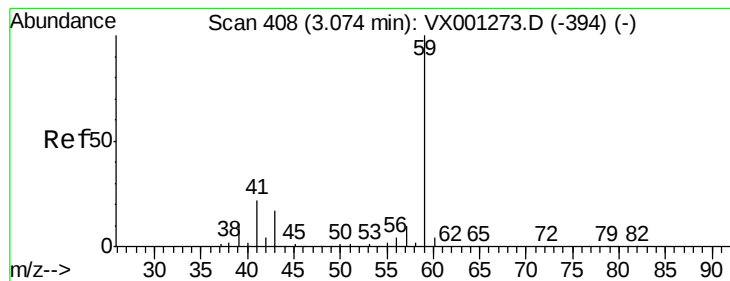
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



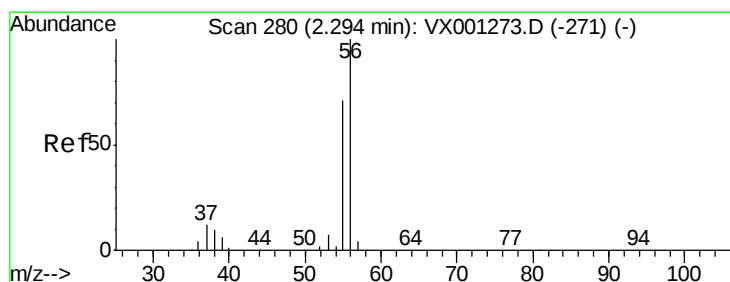
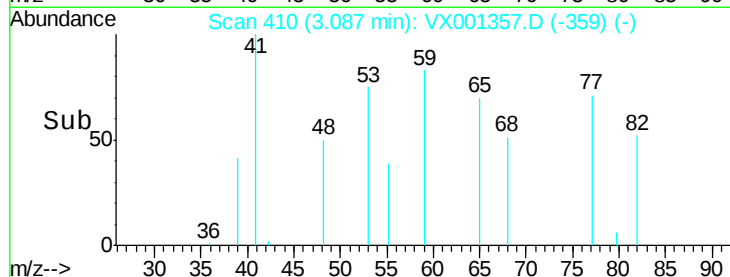
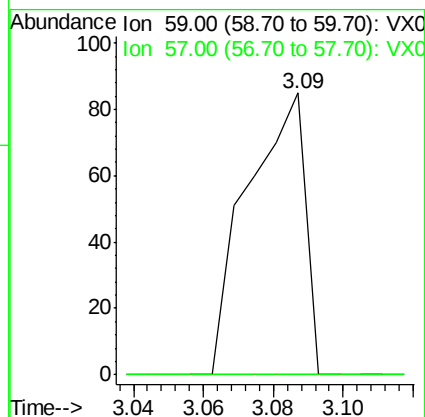
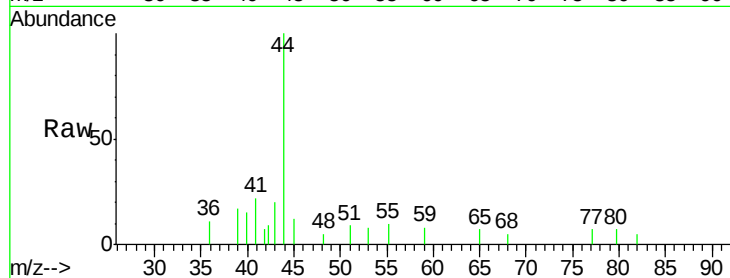


#11

Tert butyl alcohol
Concen: 0.29 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001357.D
Acq: 03 May 2018 14:20

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-WATERREF-4

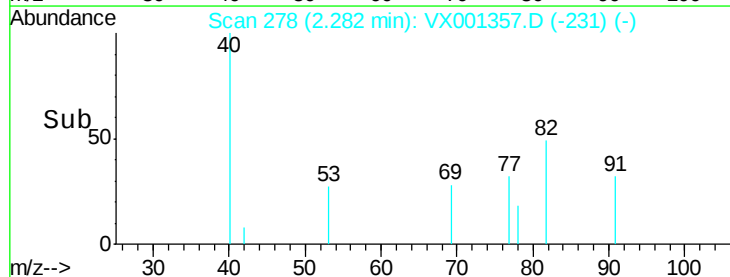
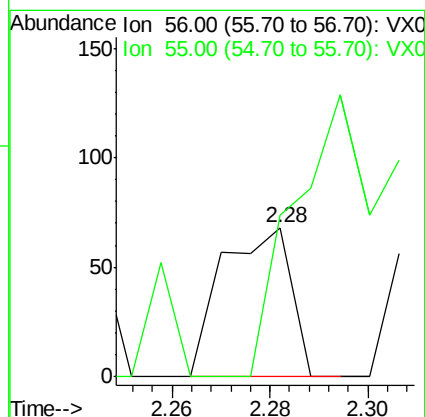
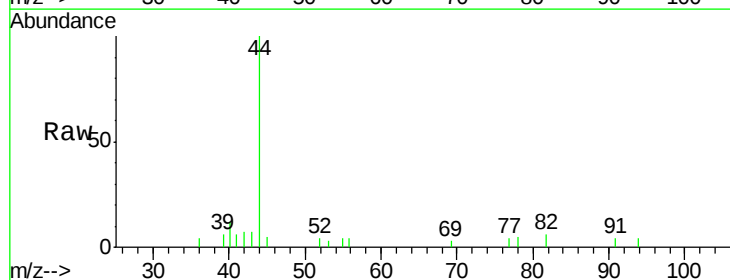
Tgt Ion: 59 Resp: 97
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

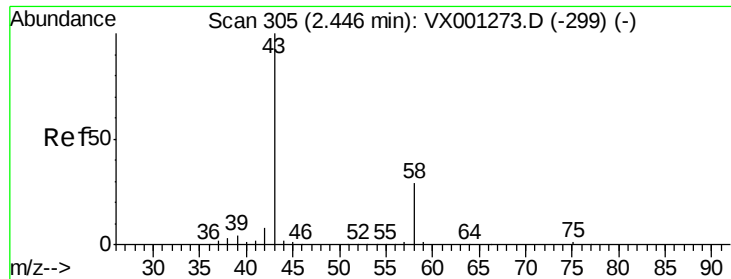


#13

Acrolein
Concen: 0.34 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX001357.D
Acq: 03 May 2018 14:20

Tgt Ion: 56 Resp: 66
Ion Ratio Lower Upper
56 100
55 295.5 57.2 85.8#





#16

Acetone

Concen: 2.40 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001357.D

Acq: 03 May 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

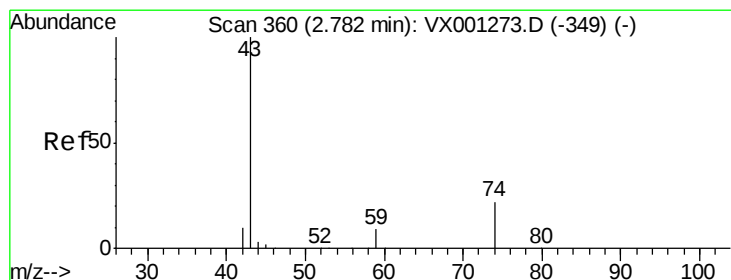
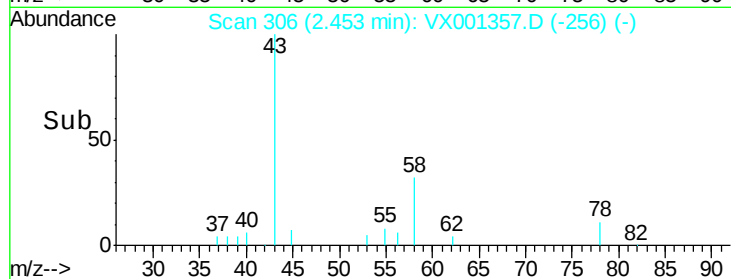
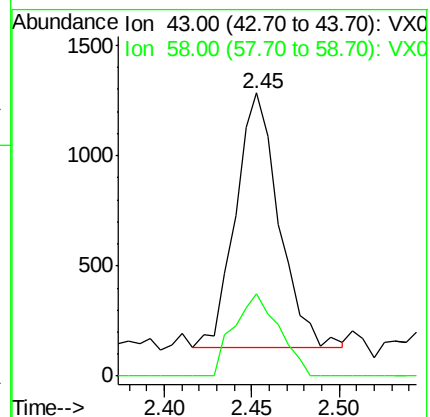
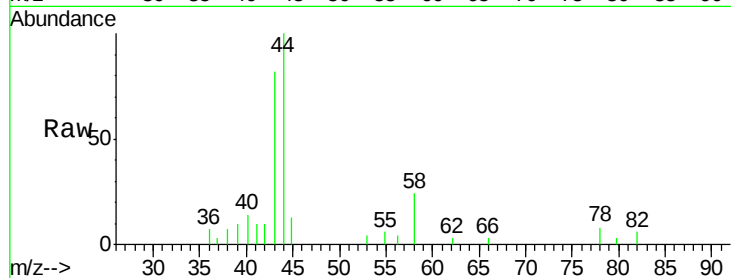
STORAGEBLANK-WATERREF-4

Tgt Ion: 43 Resp: 1998

Ion Ratio Lower Upper

43 100

58 32.5 22.8 34.2



#18

Methyl Acetate

Concen: 0.26 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001357.D

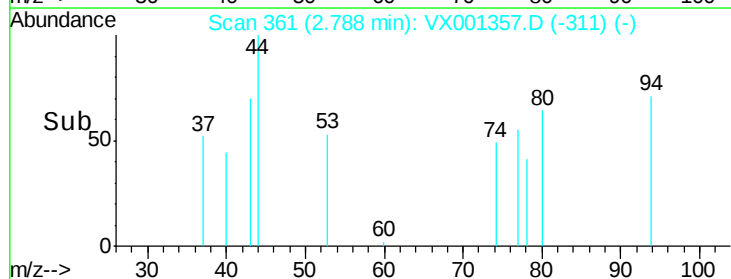
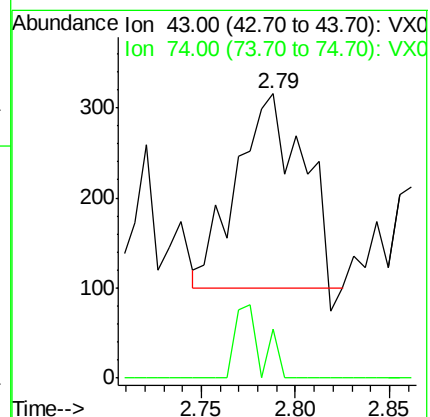
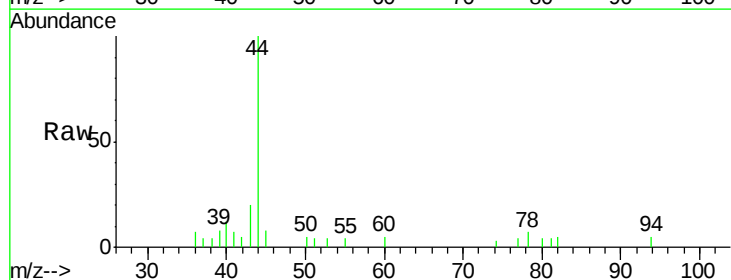
Acq: 03 May 2018 14:20

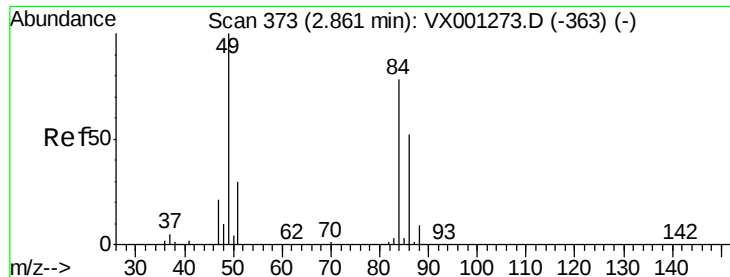
Tgt Ion: 43 Resp: 520

Ion Ratio Lower Upper

43 100

74 14.8 17.8 26.6#

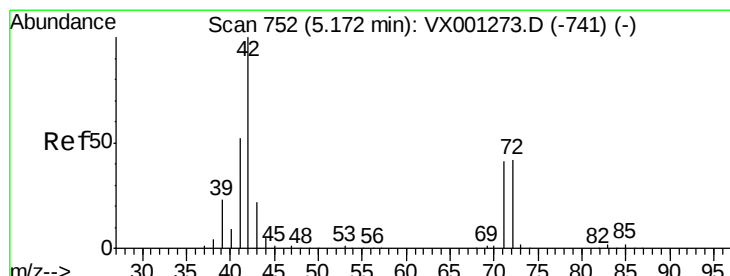
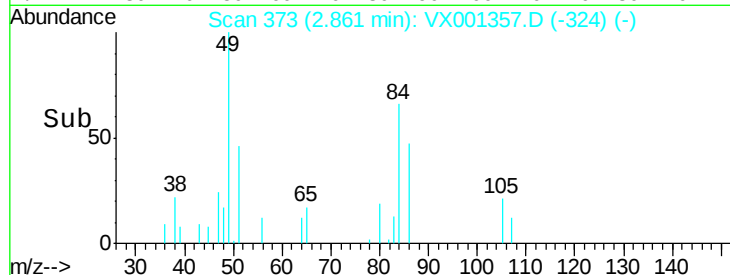
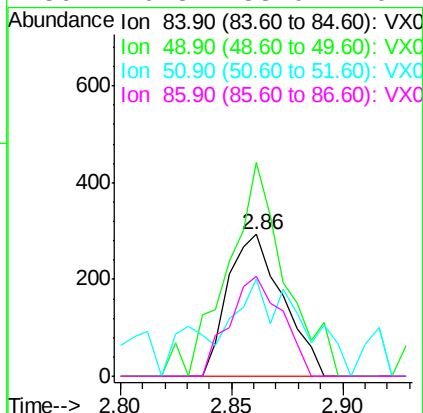
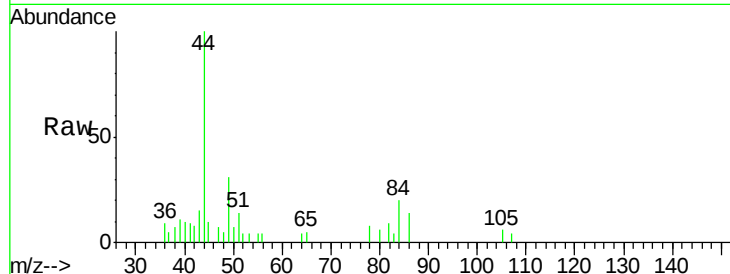




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001357.D
Acq: 03 May 2018 14:20

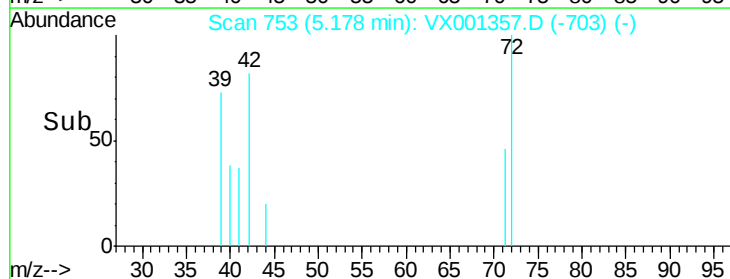
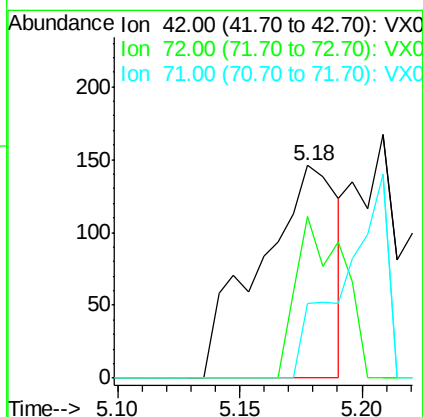
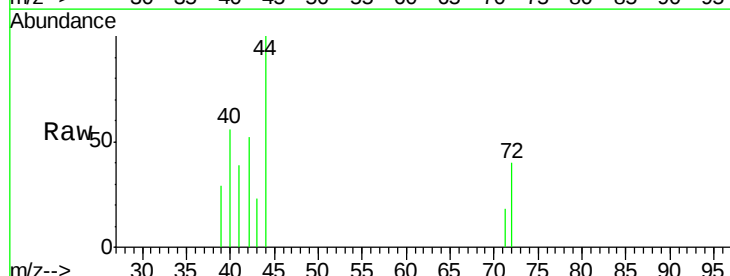
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-WATERREF-4

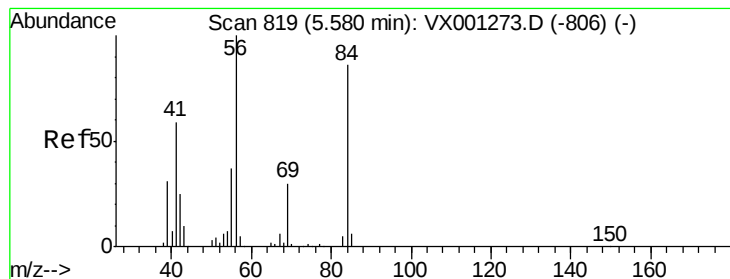
Tgt Ion:	84	Resp:	503
Ion	Ratio	Lower	Upper
84	100		
49	150.5	102.8	154.2
51	46.1	30.9	46.3
86	70.3	53.0	79.4



#29
Tetrahydrofuran
Concen: 0.47 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001357.D
Acq: 03 May 2018 14:20

Tgt Ion:	42	Resp:	324
Ion	Ratio	Lower	Upper
42	100		
72	45.7	34.6	52.0
71	0.0	32.7	49.1#





#31

Cyclohexane

Concen: 1.01 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.08 min

Lab File: VX001357.D

Acq: 03 May 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-WATERREF-4

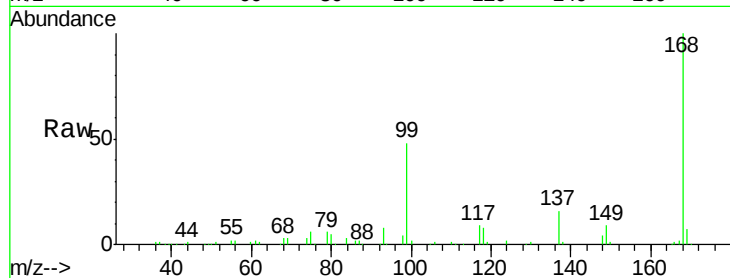
Tgt Ion: 56 Resp: 2435

Ion Ratio Lower Upper

56 100

69 161.5 24.0 36.0#

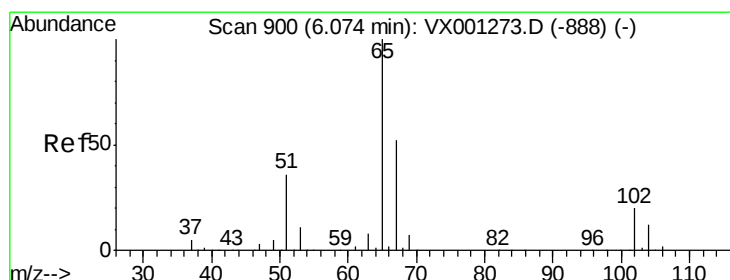
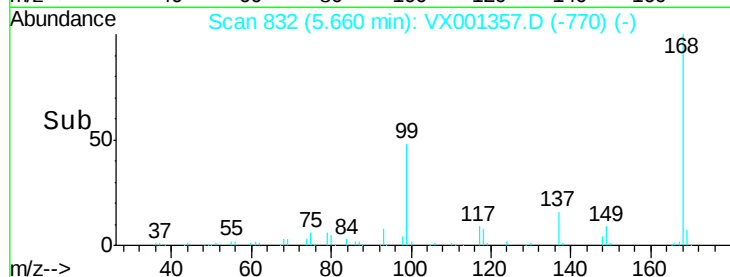
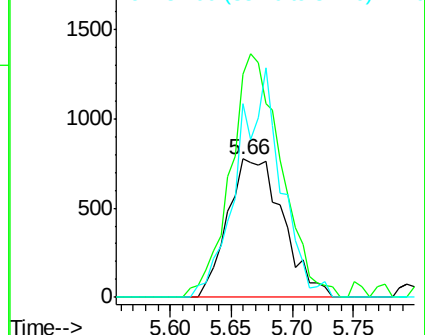
84 139.9 69.0 103.4#



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: 44.56 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001357.D

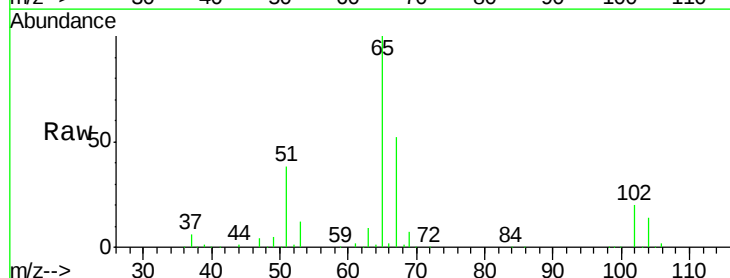
Acq: 03 May 2018 14:20

Tgt Ion: 65 Resp: 87045

Ion Ratio Lower Upper

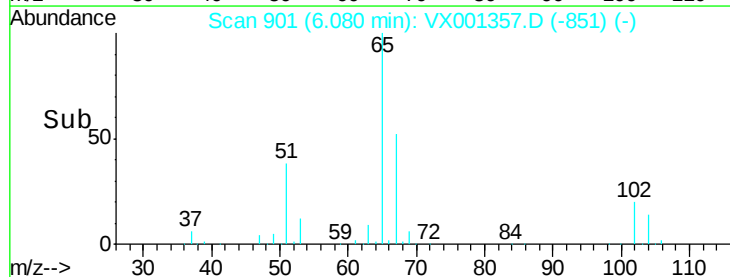
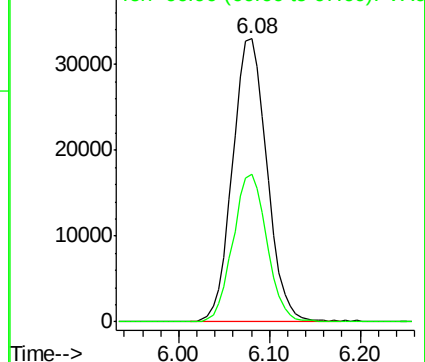
65 100

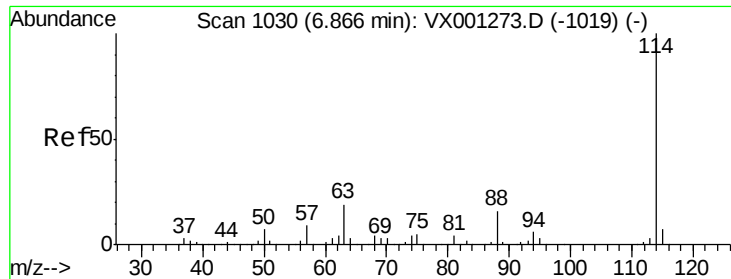
67 51.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

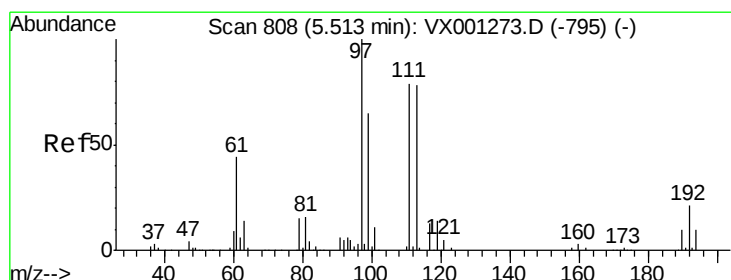
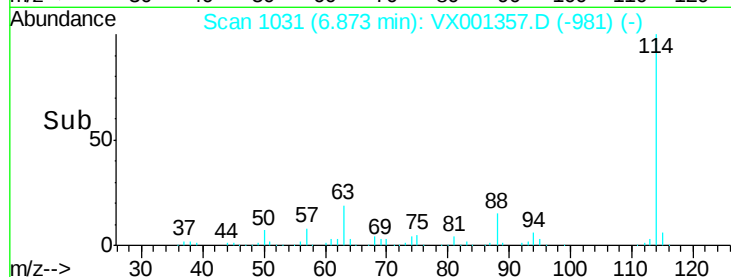
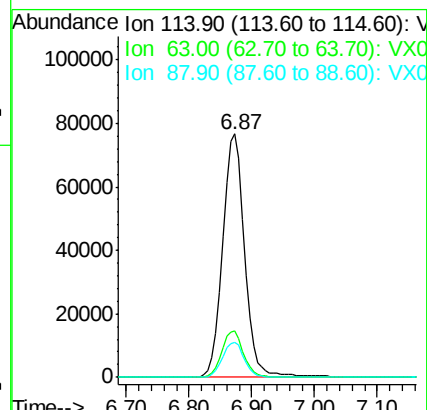
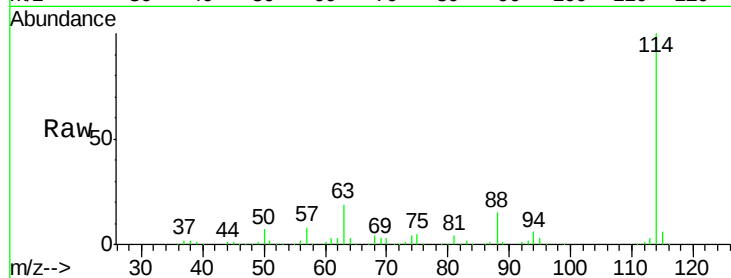




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001357.D
 Acq: 03 May 2018 14:20

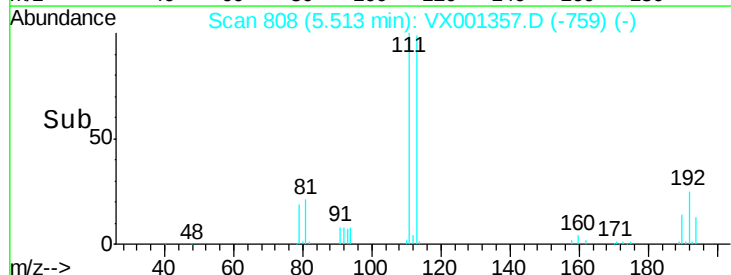
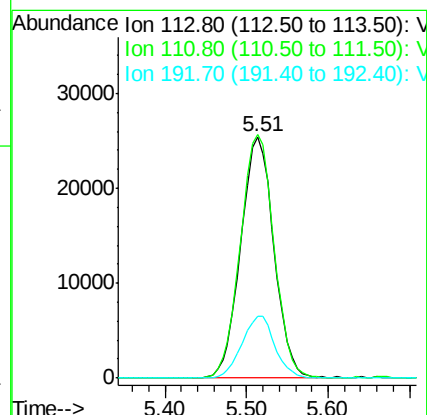
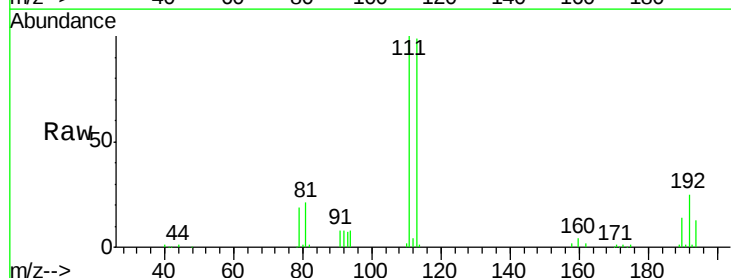
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-WATERREF-4

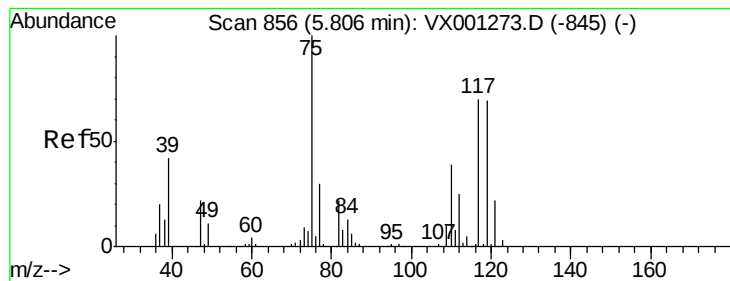
Tgt Ion:114 Resp: 185876
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 14.5 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 44.87 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001357.D
 Acq: 03 May 2018 14:20

Tgt Ion:113 Resp: 71846
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.2 121.8
 192 25.5 20.7 31.1





#36

1,1-Dichloropropene

Concen: 3.99 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001357.D

Acq: 03 May 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-WATERREF-4

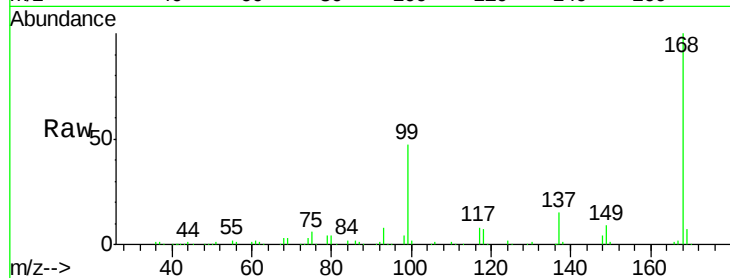
Tgt Ion: 75 Resp: 8553

Ion Ratio Lower Upper

75 100

110 10.6 18.9 56.9#

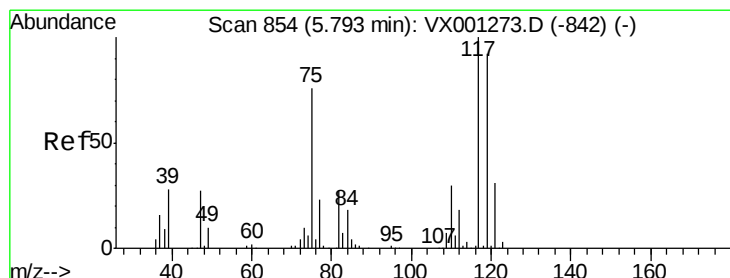
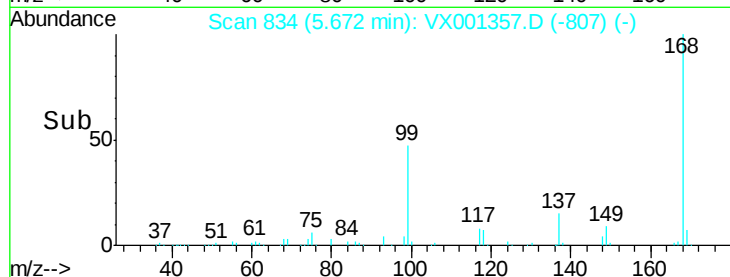
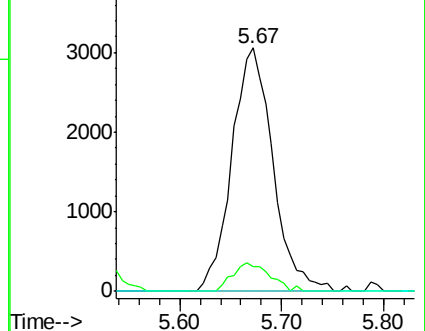
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.38 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001357.D

Acq: 03 May 2018 14:20

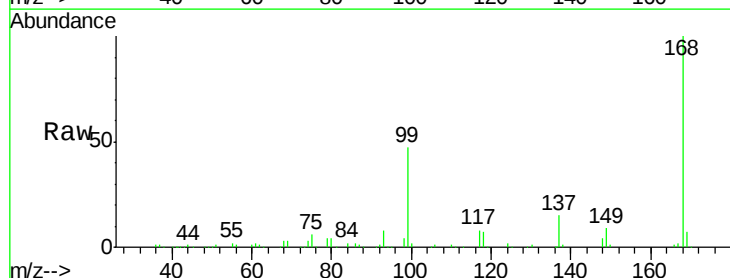
Tgt Ion: 117 Resp: 12082

Ion Ratio Lower Upper

117 100

119 4.9 73.4 110.2#

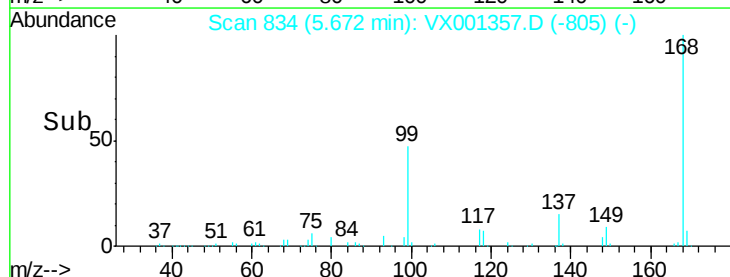
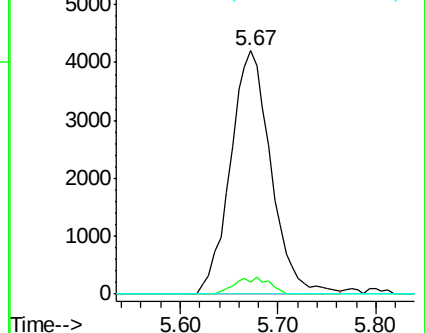
121 0.0 25.0 37.4#

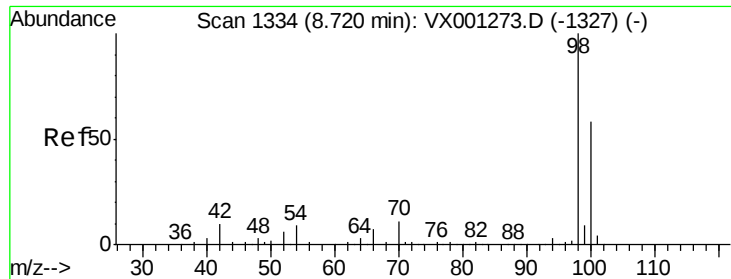


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

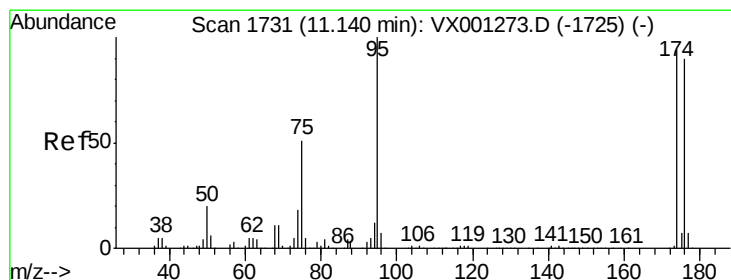
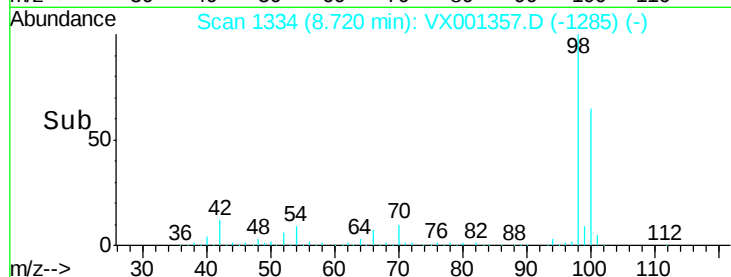
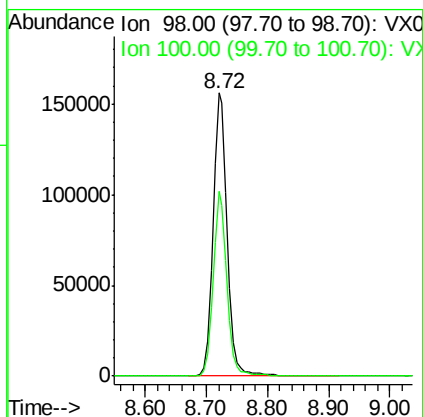
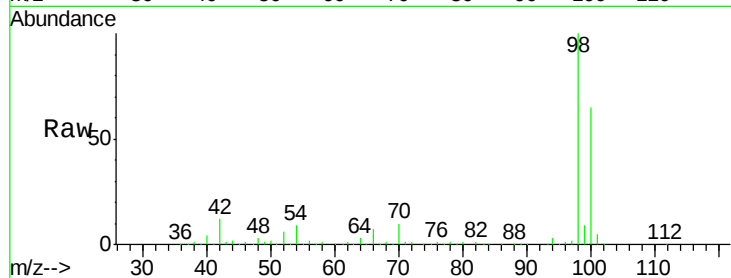




#50
Toluene-d8
Concen: 45.10 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001357.D
Acq: 03 May 2018 14:20

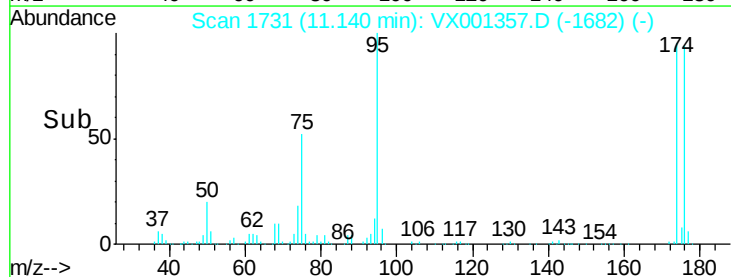
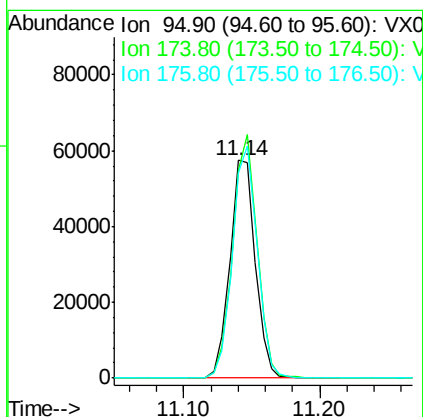
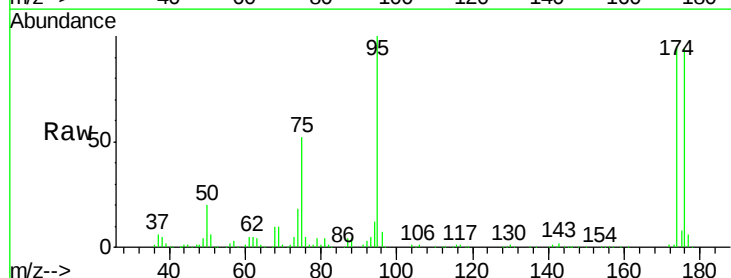
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-WATERREF-4

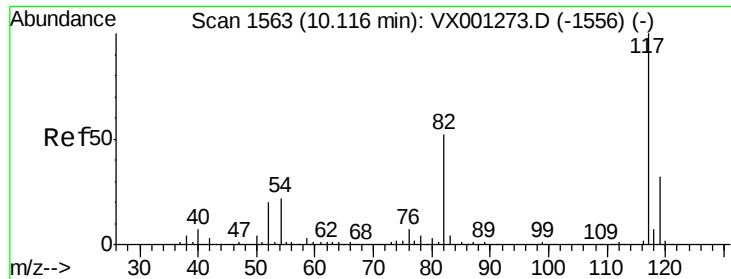
Tgt Ion: 98 Resp: 258014
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.4



#62
4-Bromofluorobenzene
Concen: 32.80 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001357.D
Acq: 03 May 2018 14:20

Tgt Ion: 95 Resp: 75036
Ion Ratio Lower Upper
95 100
174 107.0 0.0 201.8
176 103.8 0.0 197.2

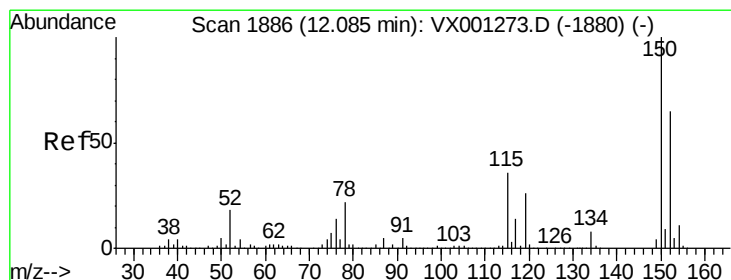
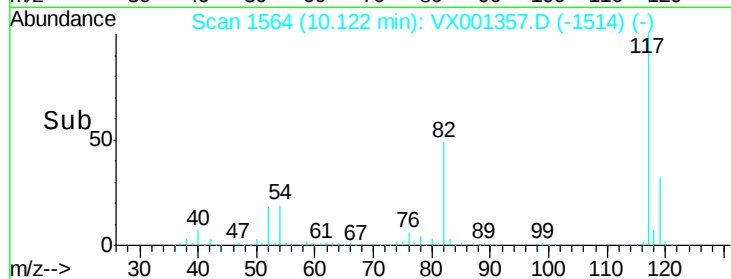
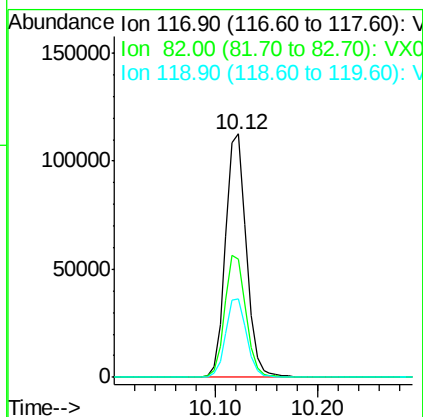
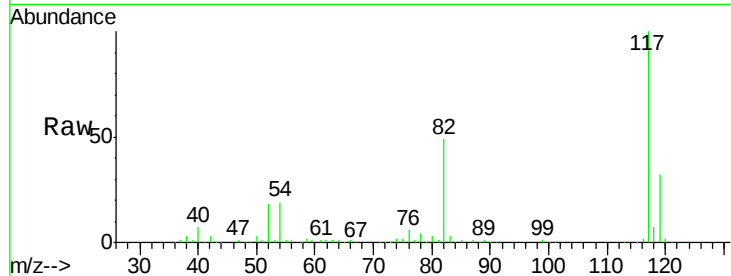




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001357.D
Acq: 03 May 2018 14:20

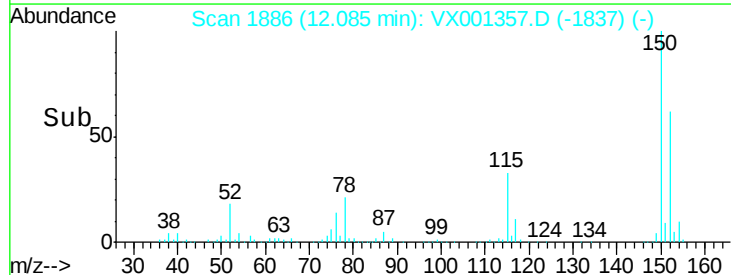
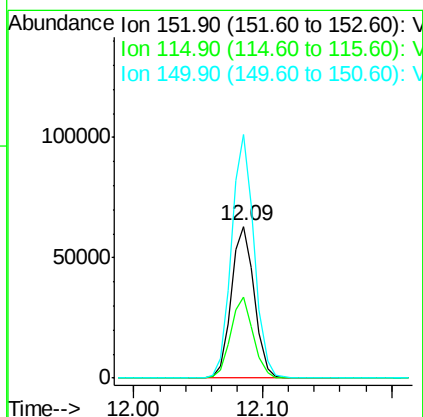
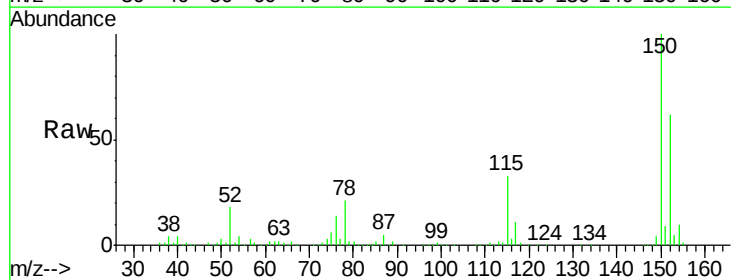
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-WATERREF-4

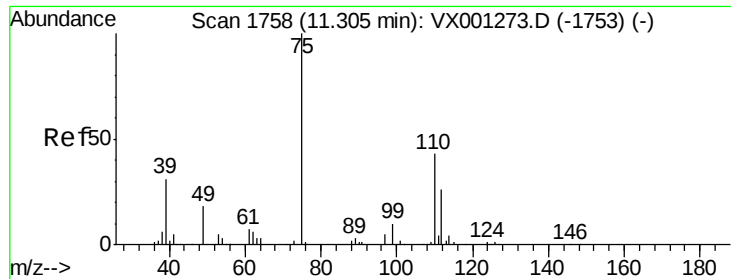
Tgt Ion:117 Resp: 159341
Ion Ratio Lower Upper
117 100
82 48.8 41.4 62.0
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001357.D
Acq: 03 May 2018 14:20

Tgt Ion:152 Resp: 78857
Ion Ratio Lower Upper
152 100
115 52.5 38.6 115.7
150 157.5 0.0 349.2

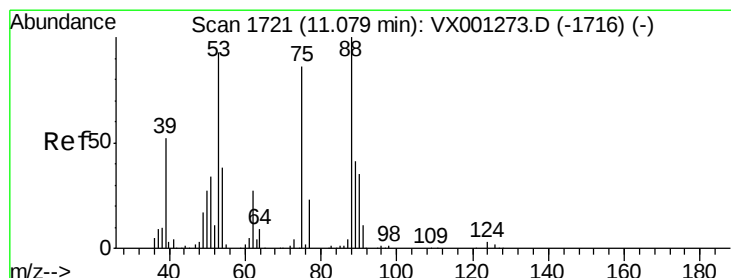
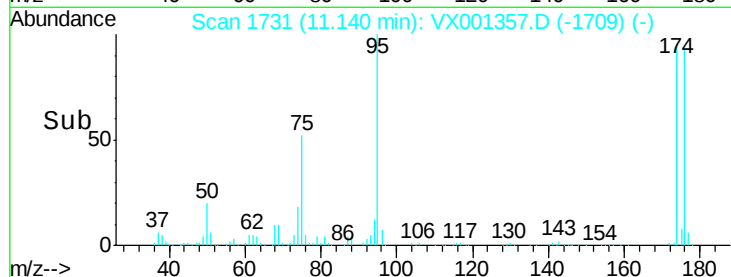
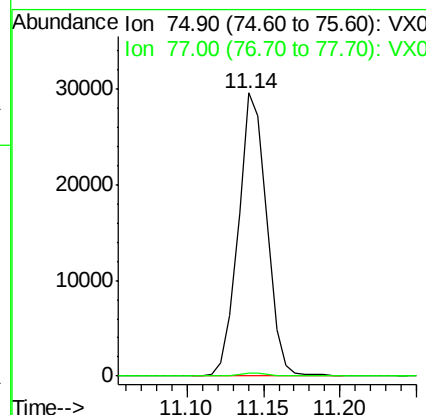
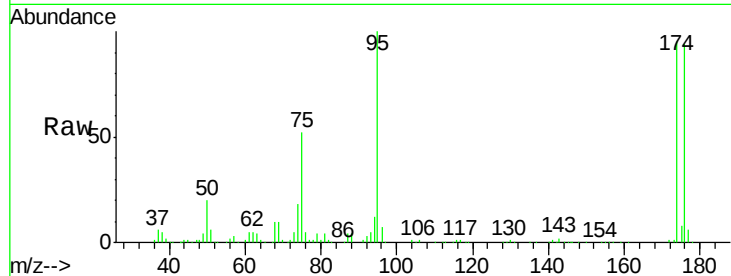




#76
 1,2,3-Trichloropropane
 Concen: 25.99 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001357.D
 Acq: 03 May 2018 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-WATERREF-4

Tgt Ion: 75 Resp: 37899
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.9 56.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.59 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001357.D
 Acq: 03 May 2018 14:20

Tgt Ion: 75 Resp: 37899
 Ion Ratio Lower Upper
 75 100
 53 0.1 87.1 130.7#
 89 0.1 38.9 58.3#

