

Data File : VX000545.D

Acq On : 30 Mar 2018 06:01

Operator : JC/MD

Sample : J2094-02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Quant Time: Mar 30 07:06:20 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	107536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	187790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	191911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	101363	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	77663	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
35) Dibromofluoromethane	5.51	113	61376	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
50) Toluene-d8	8.73	98	244726	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.15	95	85105	42.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.40%	

Target Compounds

						Qvalue
6) Chloroethane	1.72	64	349	Below Cal	#	44
10) Methyl Iodide	2.34	142	19	4.29	ug/l #	16
11) Tert butyl alcohol	3.08	59	109	0.23	ug/l #	8
13) Acrolein	2.29	56	20	14.70	ug/l #	1
14) Allyl chloride	2.73	41	148	Below Cal	#	28
16) Acetone	2.45	43	3106	2.66	ug/l #	79
20) Methylene Chloride	2.86	84	363	0.27	ug/l #	31
29) Tetrahydrofuran	5.19	42	347	0.43	ug/l #	62
31) Cyclohexane	5.68	56	2736	1.54	ug/l #	52
36) 1,1-Dichloropropene	5.67	75	8587	4.88	ug/l #	51
38) Carbon Tetrachloride	5.68	117	11186	6.06	ug/l #	17
74) N-amyl acetate	6.52	43	45	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	50007	22.96	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	50007	74.32	ug/l #	9

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

Data File : VX000545.D

Acq On : 30 Mar 2018 06:01

Operator : JC/MD

Sample : J2094-02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 43 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

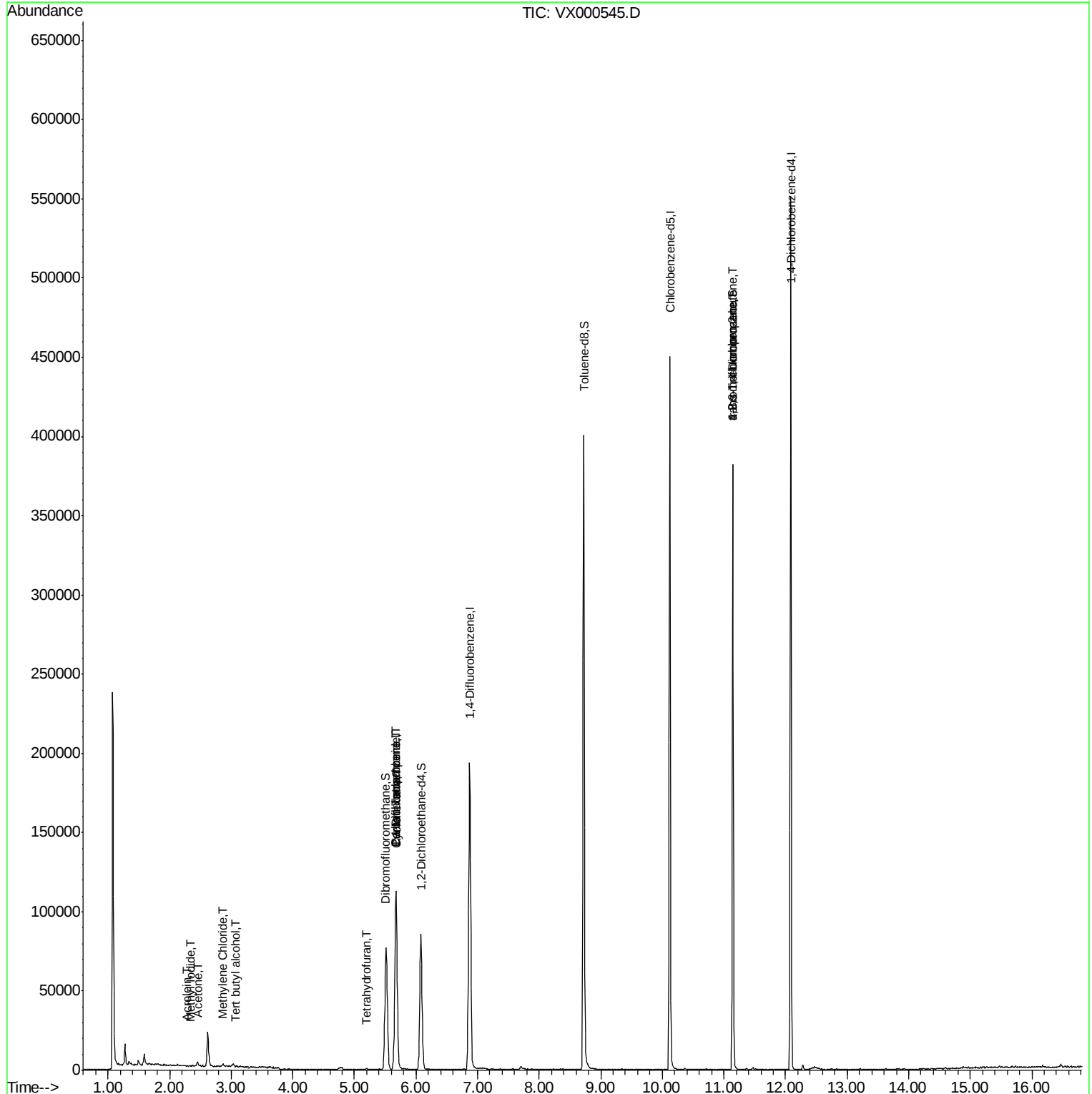
Quant Time: Mar 30 07:06:20 2018

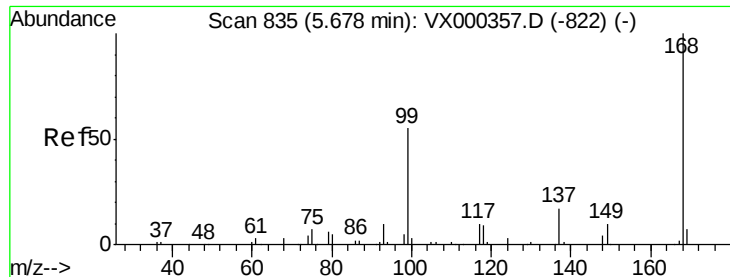
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000545.D

Acq: 30 Mar 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

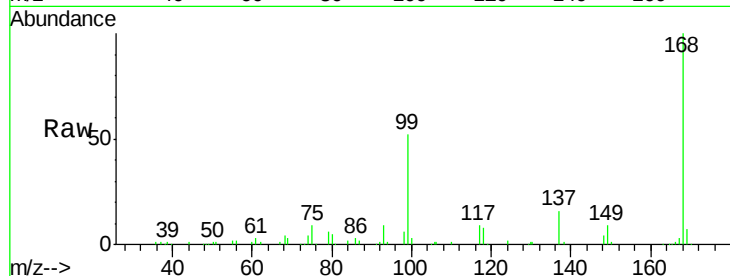
TRIP-BLANK

Tgt Ion:168 Resp: 107536

Ion Ratio Lower Upper

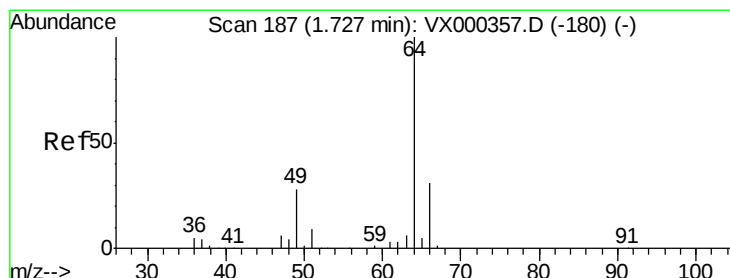
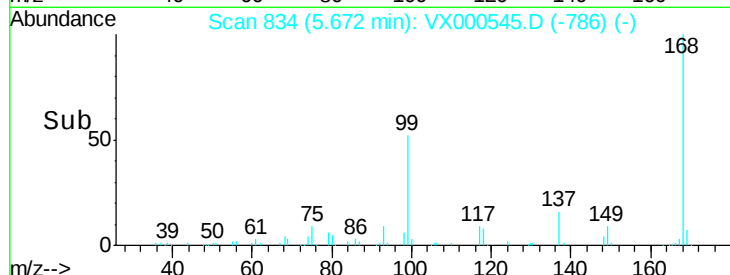
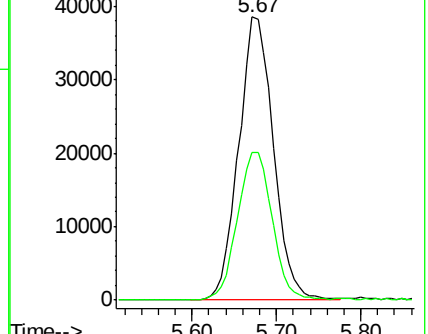
168 100

99 52.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000545.D

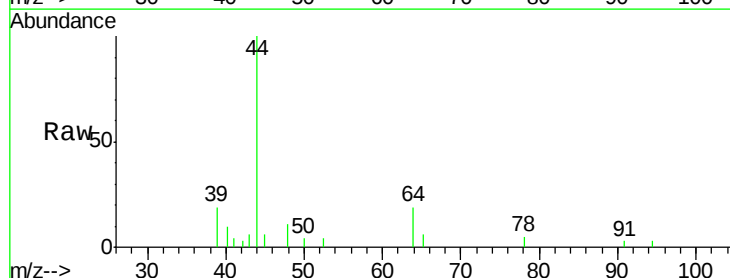
Acq: 30 Mar 2018 06:01

Tgt Ion: 64 Resp: 349

Ion Ratio Lower Upper

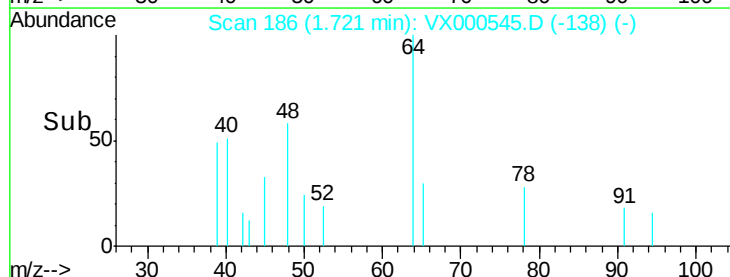
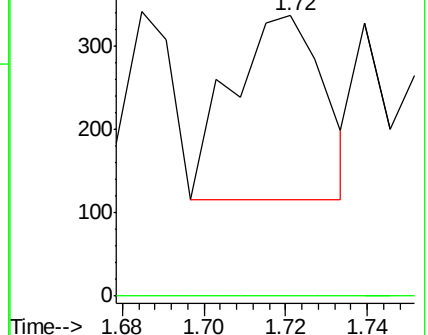
64 100

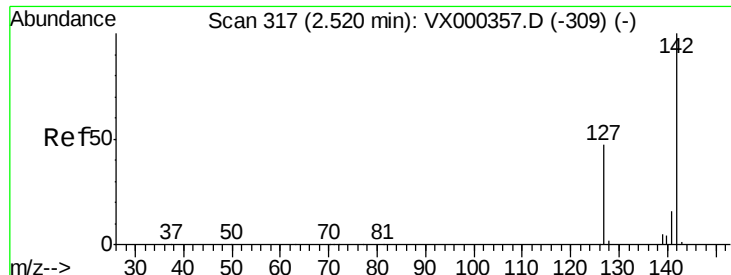
66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

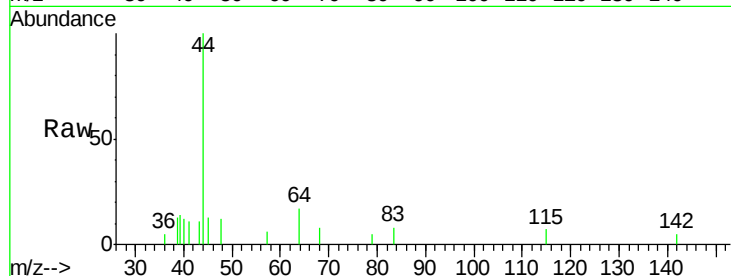




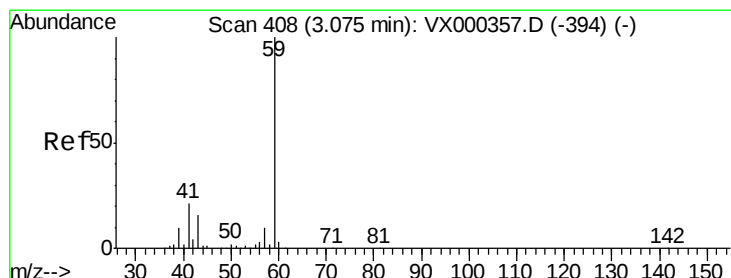
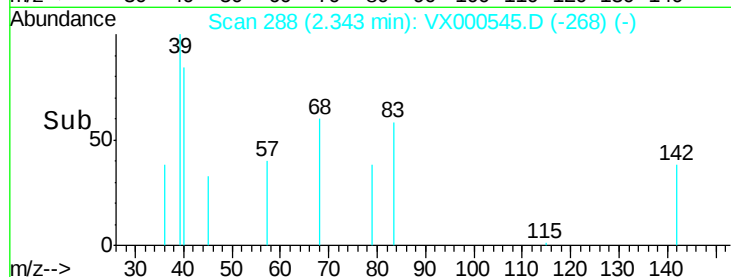
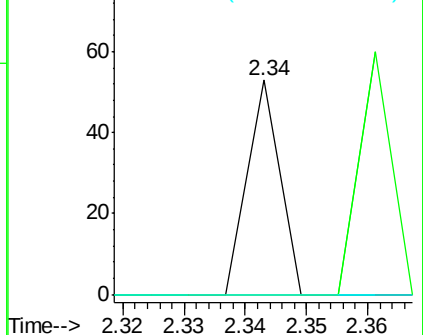
#10
Methyl Iodide
Concen: 4.29 ug/l
RT: 2.34 min Scan# 288
Delta R.T. -0.18 min
Lab File: VX000545.D
Acq: 30 Mar 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 115.8 39.2 58.8#
141 0.0 11.7 17.5#

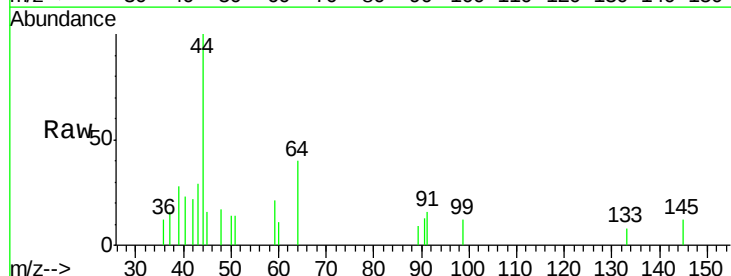


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

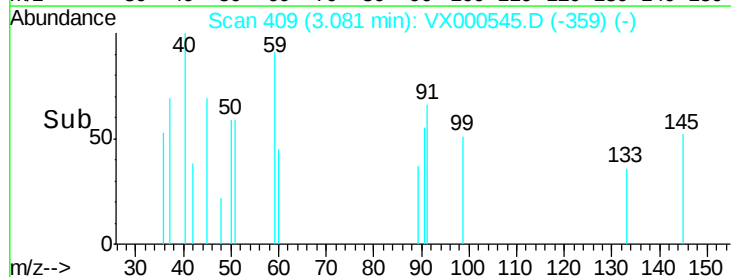
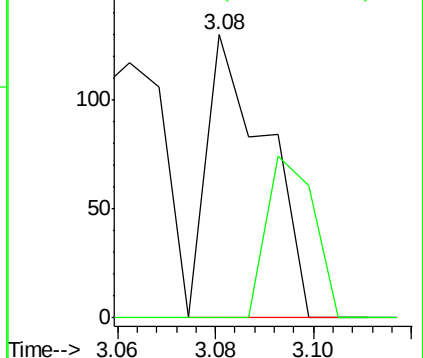


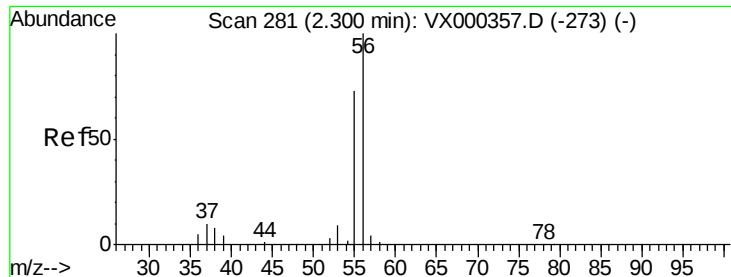
#11
Tert butyl alcohol
Concen: 0.23 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000545.D
Acq: 30 Mar 2018 06:01

Tgt Ion: 59 Resp: 109
Ion Ratio Lower Upper
59 100
57 45.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 14.70 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX000545.D

Acq: 30 Mar 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

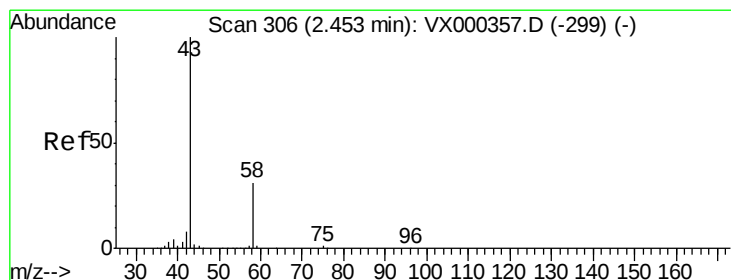
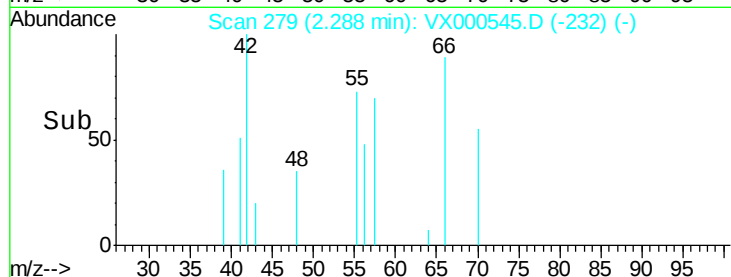
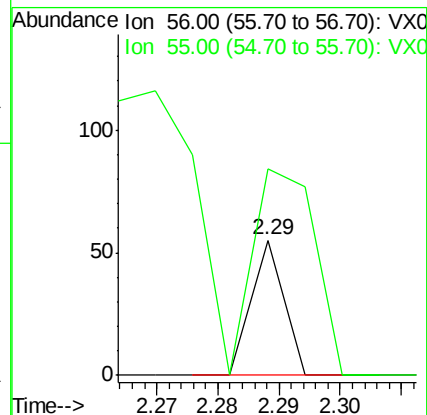
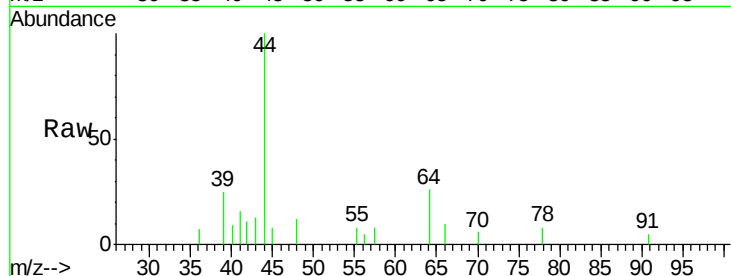
TRIP-BLANK

Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 295.0 58.8 88.2#



#16

Acetone

Concen: 2.66 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000545.D

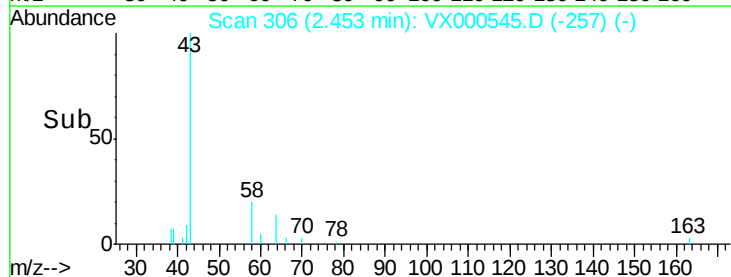
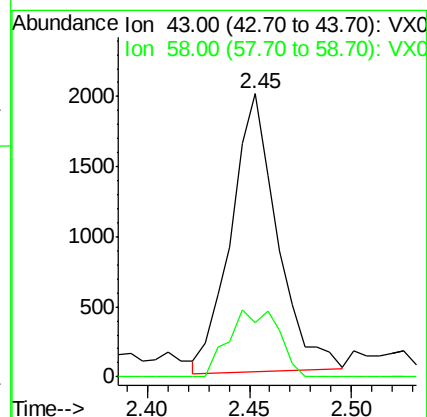
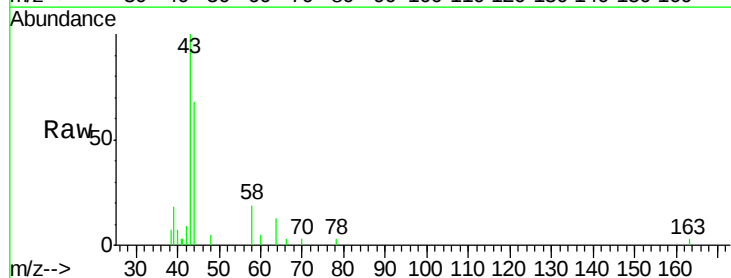
Acq: 30 Mar 2018 06:01

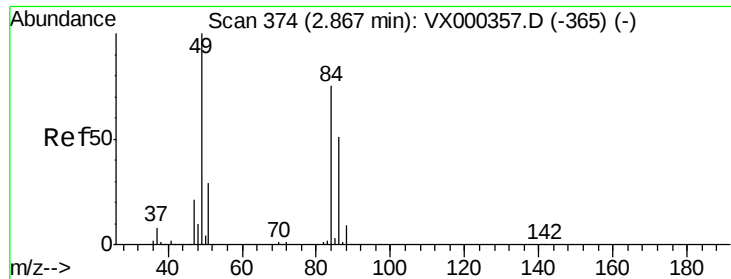
Tgt Ion: 43 Resp: 3106

Ion Ratio Lower Upper

43 100

58 19.6 24.7 37.1#





#20

Methylene Chloride

Concen: 0.27 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000545.D

Acq: 30 Mar 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

Tgt Ion: 84 Resp: 363

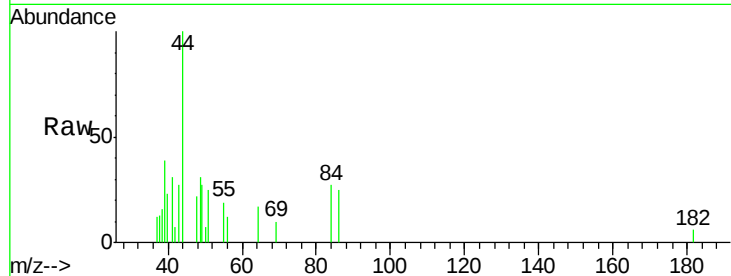
Ion Ratio Lower Upper

84 100

49 217.3 100.6 151.0#

51 94.2 31.6 47.4#

86 92.9 52.6 78.8#

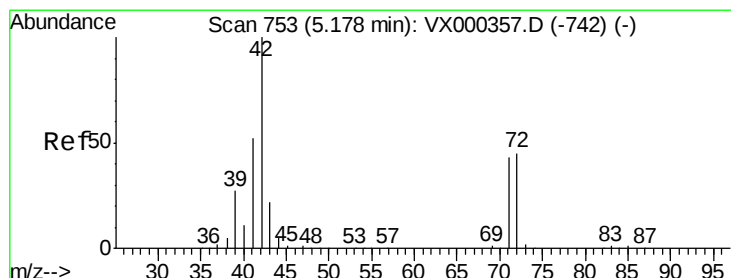
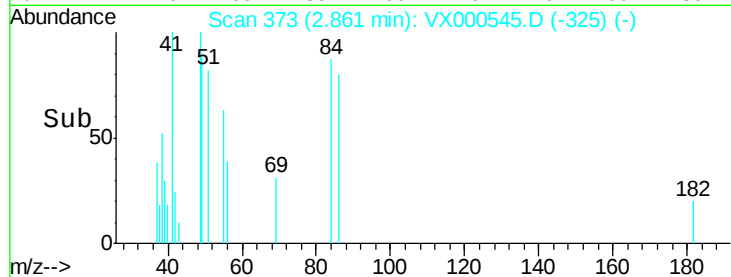
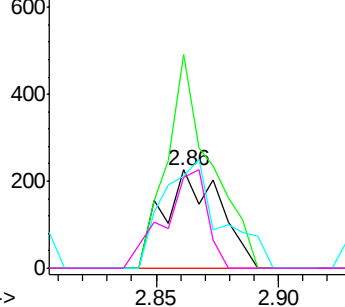


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#29

Tetrahydrofuran

Concen: 0.43 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX000545.D

Acq: 30 Mar 2018 06:01

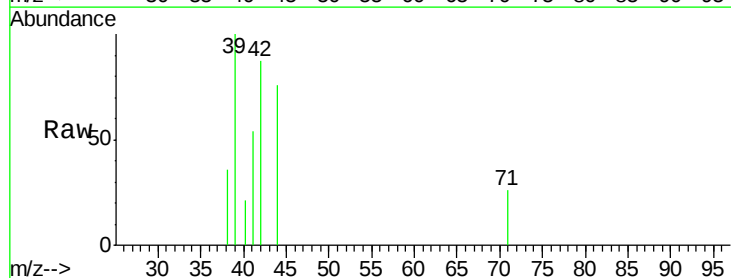
Tgt Ion: 42 Resp: 347

Ion Ratio Lower Upper

42 100

72 13.3 37.9 56.9#

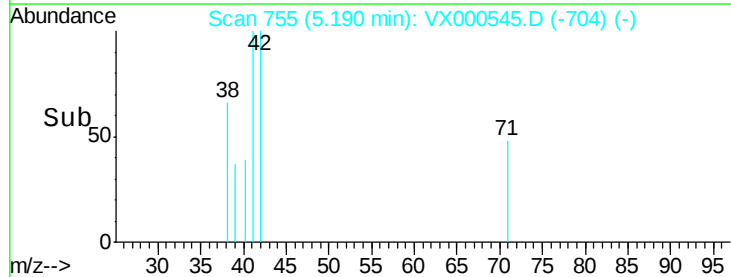
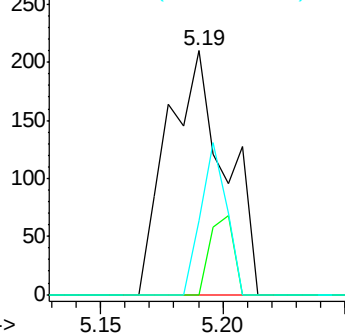
71 28.0 34.4 51.6#

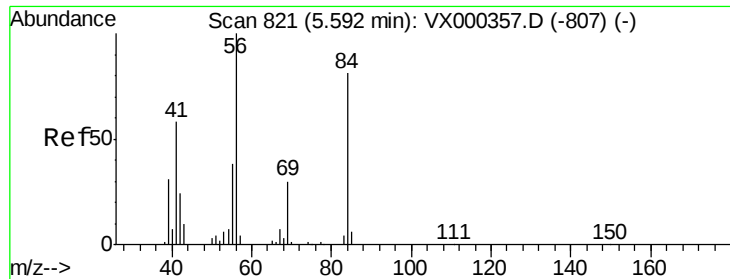


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

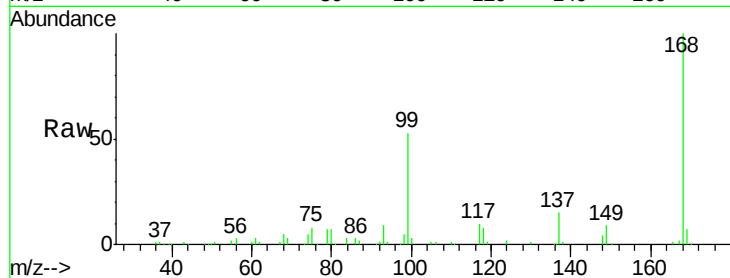




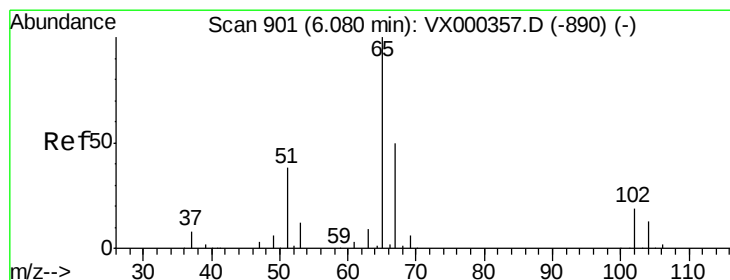
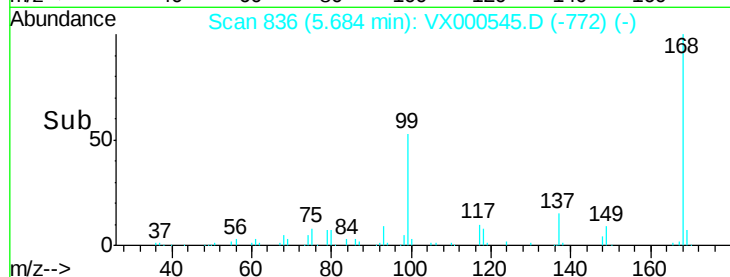
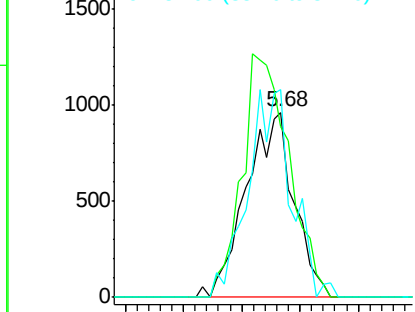
#31
Cyclohexane
Concen: 1.54 ug/l
RT: 5.68 min Scan# 836
Delta R.T. 0.09 min
Lab File: VX000545.D
Acq: 30 Mar 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 56 Resp: 2736
Ion Ratio Lower Upper
56 100
69 92.5 23.4 35.0#
84 112.3 71.0 106.4#

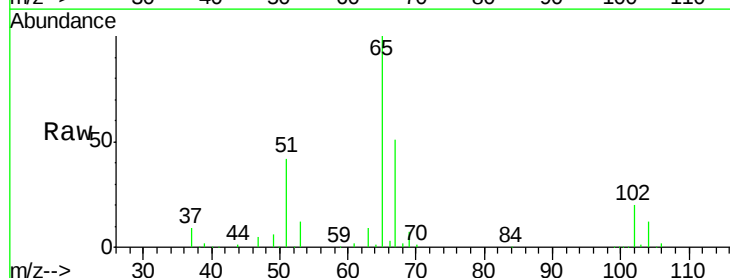


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

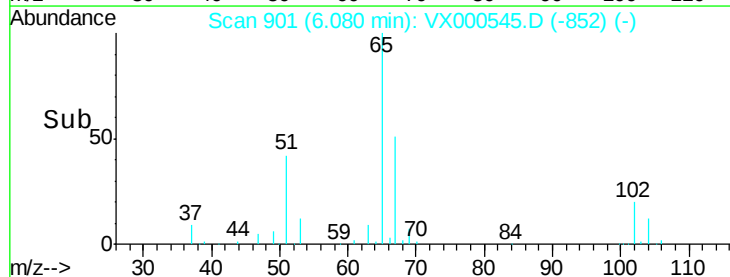
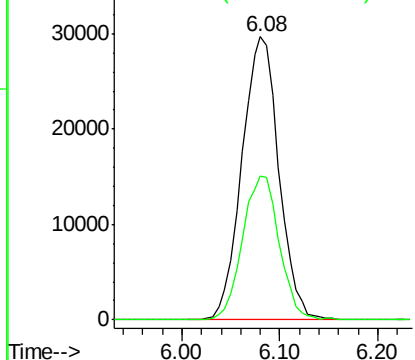


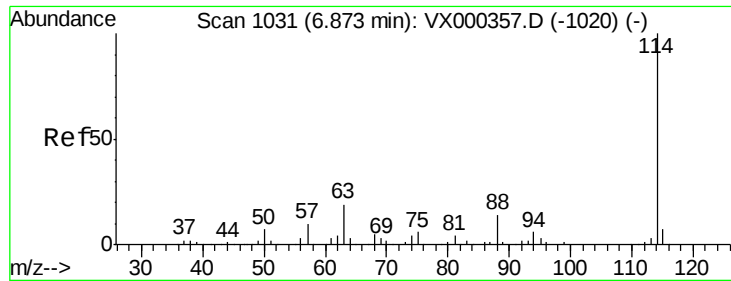
#33
1,2-Dichloroethane-d4
Concen: 55.33 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000545.D
Acq: 30 Mar 2018 06:01

Tgt Ion: 65 Resp: 77663
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.2



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

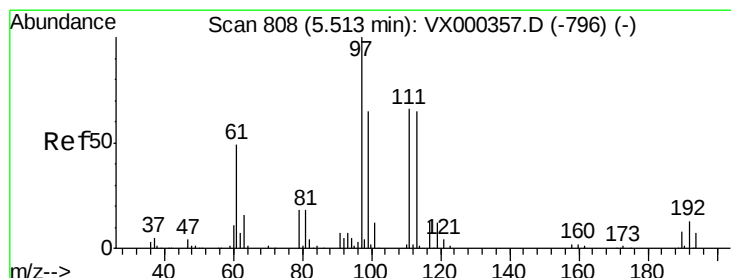
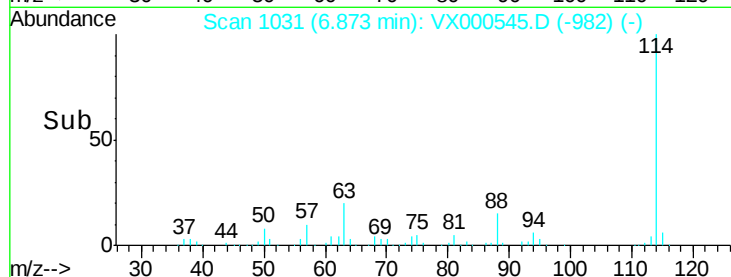
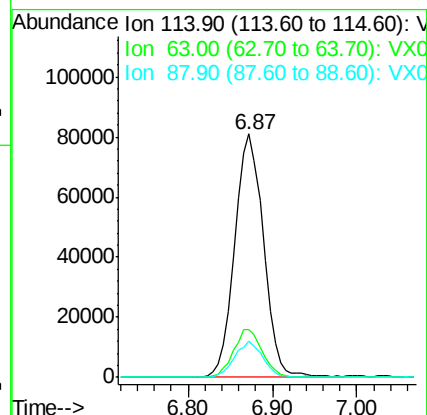
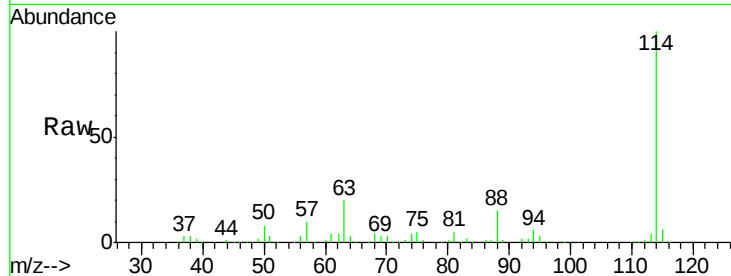




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000545.D
 Acq: 30 Mar 2018 06:01

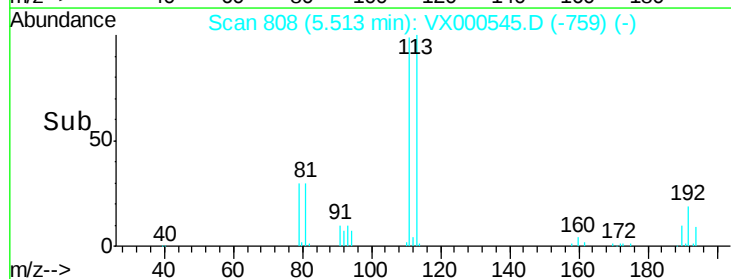
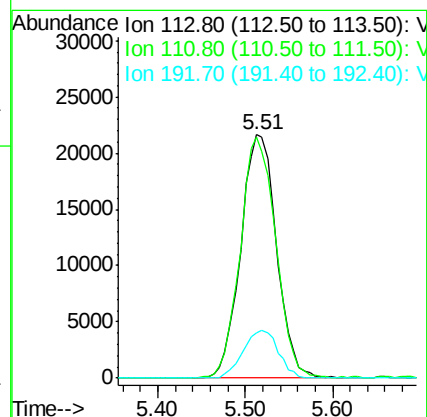
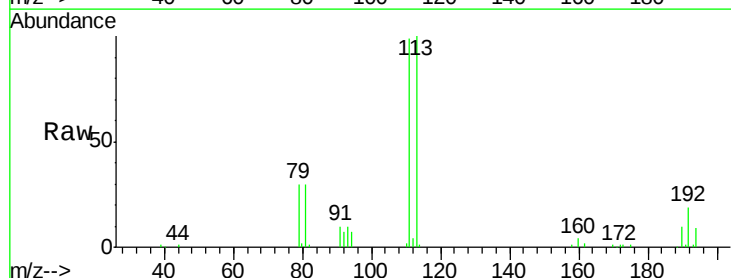
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

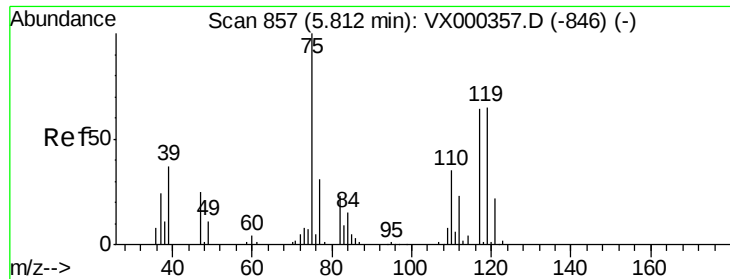
Tgt Ion:114 Resp: 187790
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.4
 88 14.8 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 51.87 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000545.D
 Acq: 30 Mar 2018 06:01

Tgt Ion:113 Resp: 61376
 Ion Ratio Lower Upper
 113 100
 111 98.6 82.4 123.6
 192 19.4 15.8 23.6

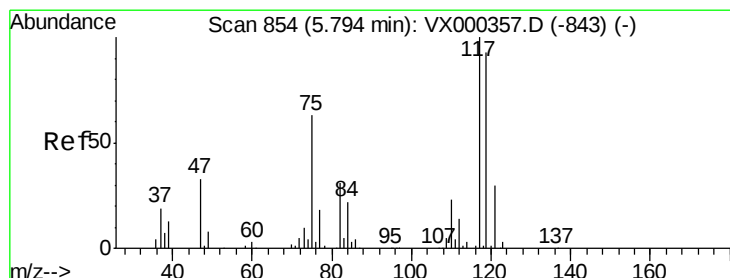
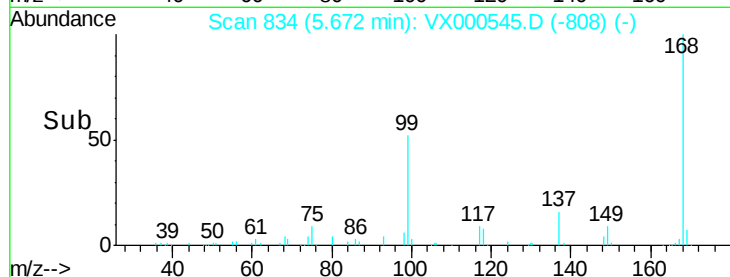
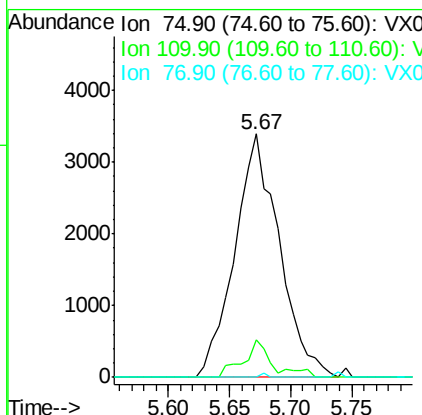
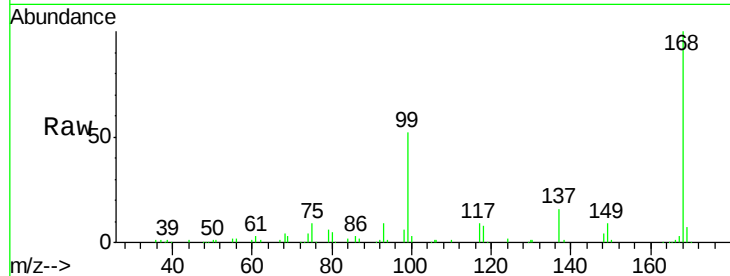




#36
 1,1-Dichloropropene
 Concen: 4.88 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000545.D
 Acq: 30 Mar 2018 06:01

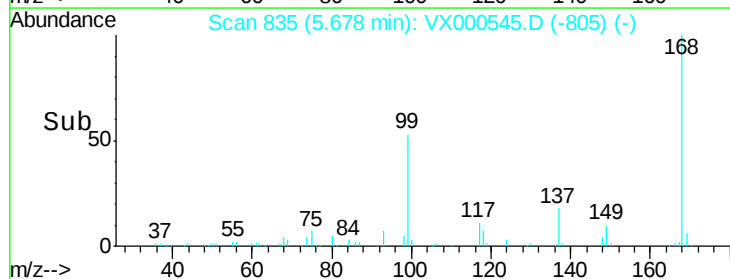
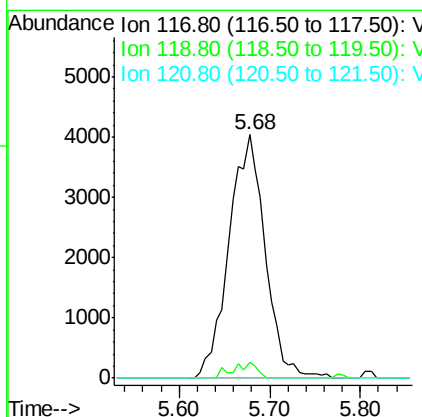
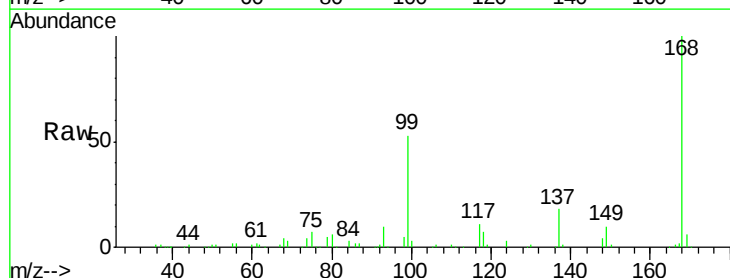
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

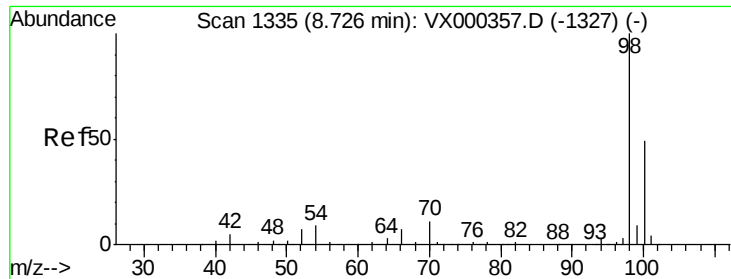
Tgt Ion: 75 Resp: 8587
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.9 53.7#
 77 0.2 24.0 36.0#



#38
 Carbon Tetrachloride
 Concen: 6.06 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000545.D
 Acq: 30 Mar 2018 06:01

Tgt Ion: 117 Resp: 11186
 Ion Ratio Lower Upper
 117 100
 119 6.7 77.4 116.2#
 121 0.0 24.8 37.2#

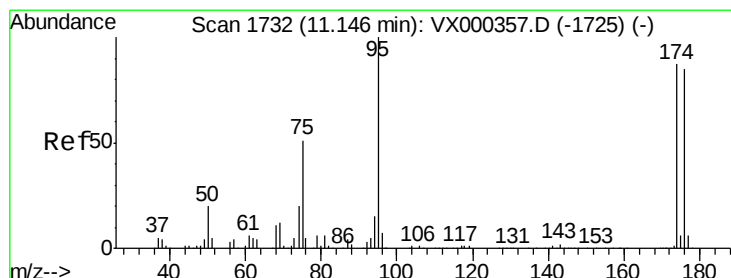
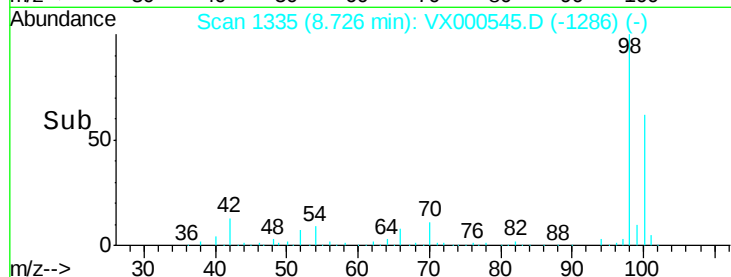
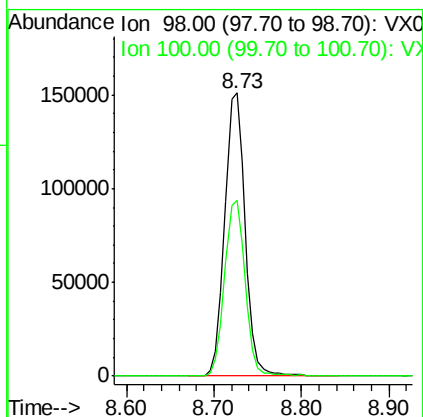
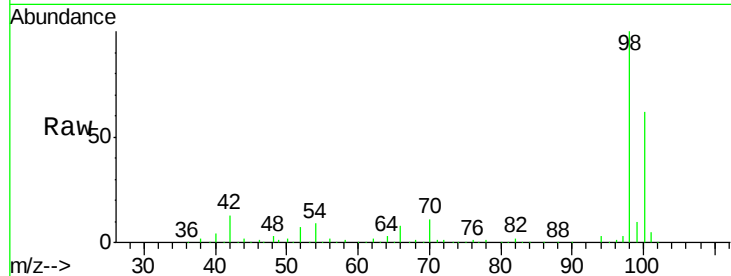




#50
Toluene-d8
Concen: 49.94 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000545.D
Acq: 30 Mar 2018 06:01

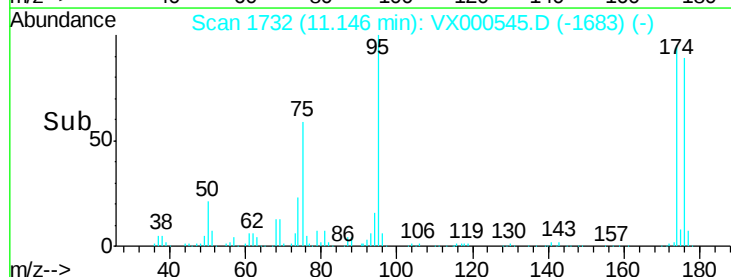
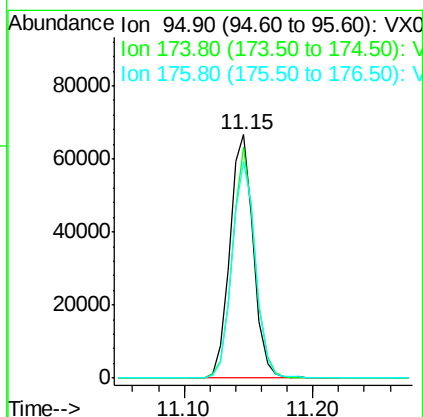
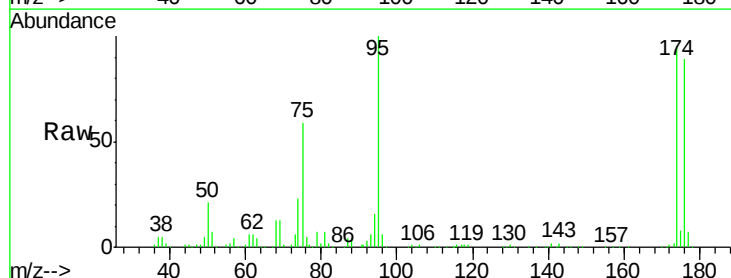
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

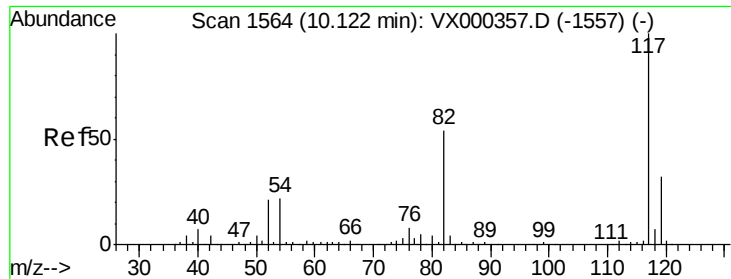
Tgt Ion: 98 Resp: 244726
Ion Ratio Lower Upper
98 100
100 62.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 42.20 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000545.D
Acq: 30 Mar 2018 06:01

Tgt Ion: 95 Resp: 85105
Ion Ratio Lower Upper
95 100
174 90.9 0.0 173.6
176 88.7 0.0 164.6

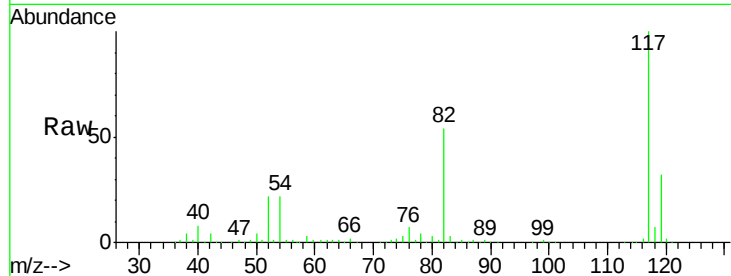




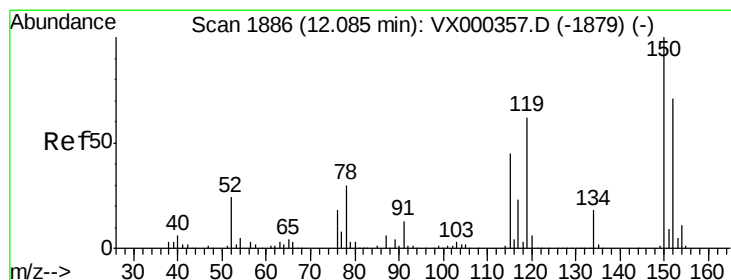
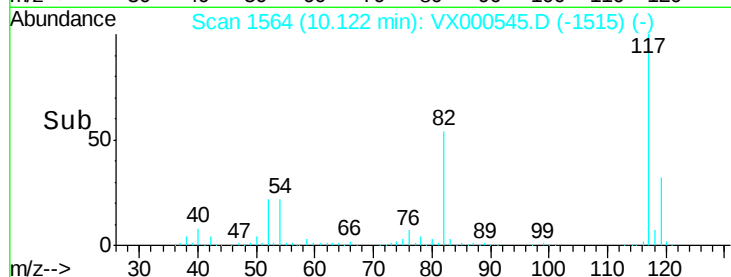
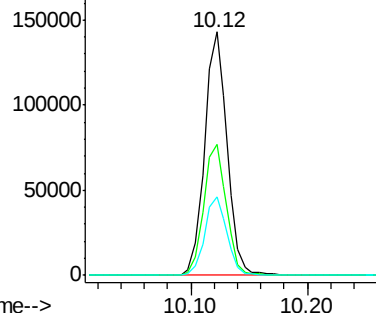
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000545.D
Acq: 30 Mar 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 191911
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.8
119 32.4 24.9 37.3

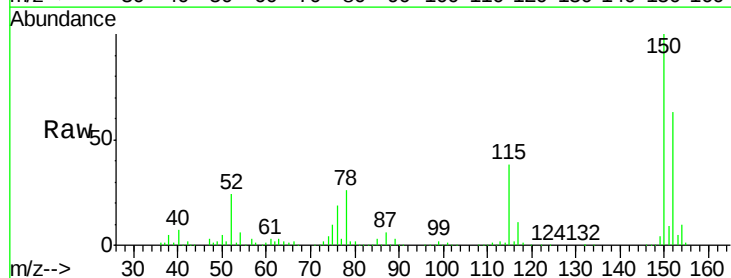


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

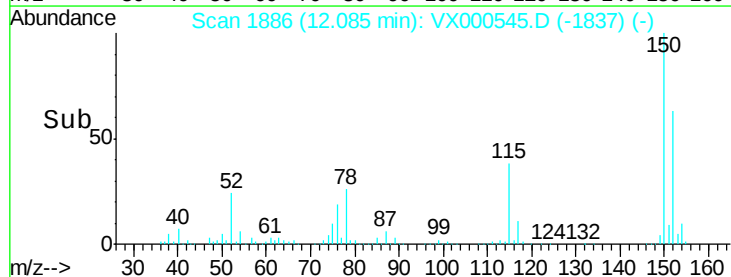
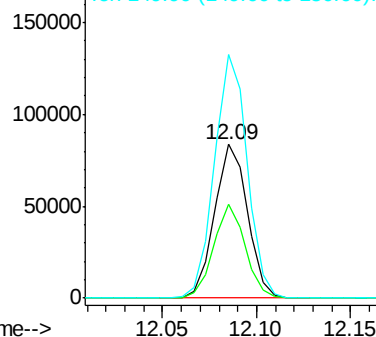


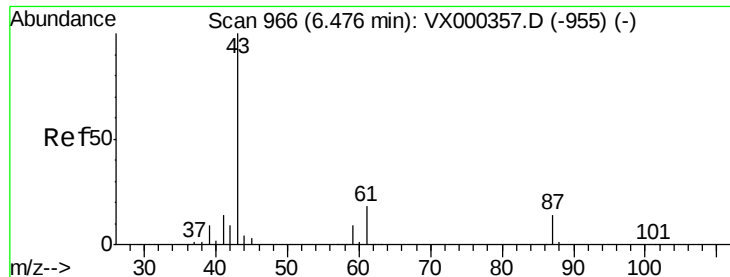
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000545.D
Acq: 30 Mar 2018 06:01

Tgt Ion:152 Resp: 101363
Ion Ratio Lower Upper
152 100
115 58.4 39.8 119.3
150 157.6 0.0 344.4



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





#74

N-amyI acetate

Concen: Below Cal

RT: 6.52 min Scan# 973

Delta R.T. 0.04 min

Lab File: VX000545.D

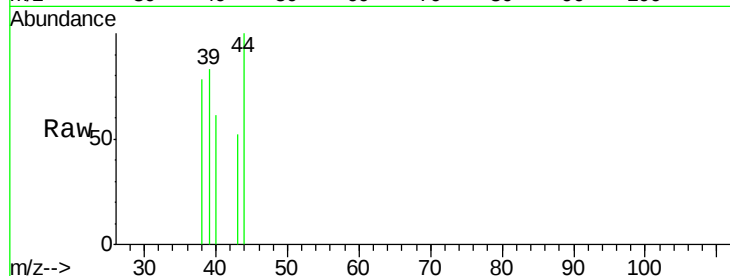
Acq: 30 Mar 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK



Tgt Ion: 43 Resp: 45

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

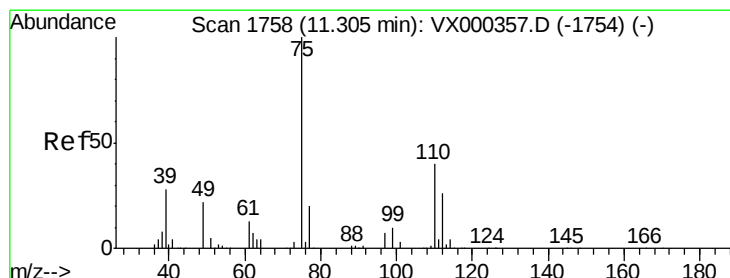
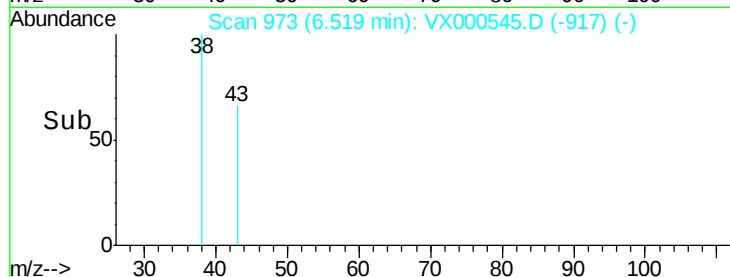
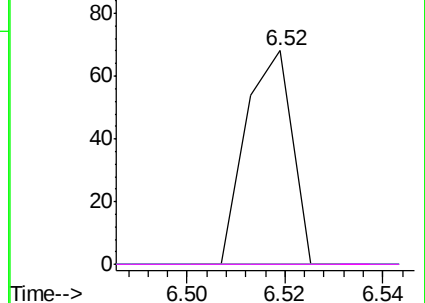
61 0.0 14.4 21.6#

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 22.96 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000545.D

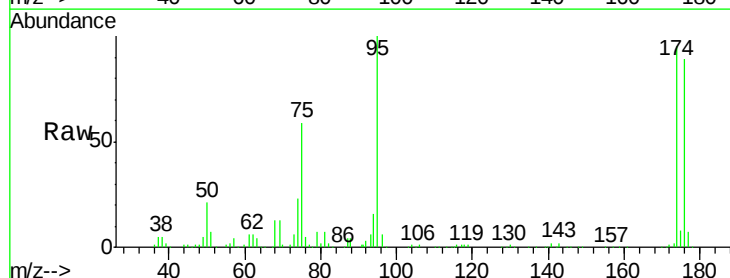
Acq: 30 Mar 2018 06:01

Tgt Ion: 75 Resp: 50007

Ion Ratio Lower Upper

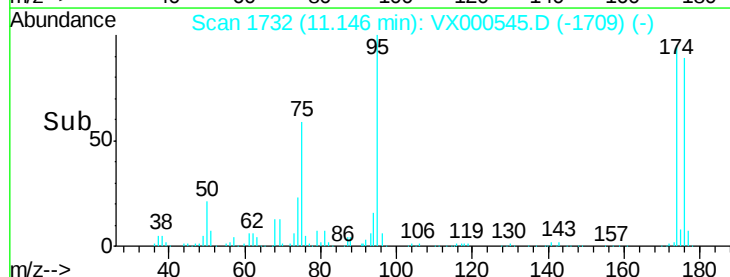
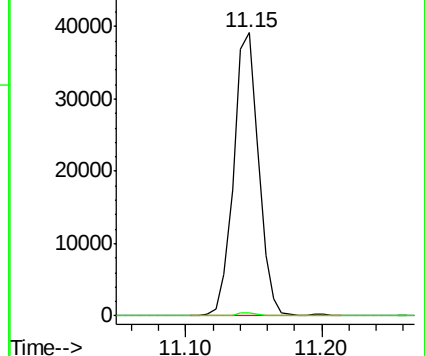
75 100

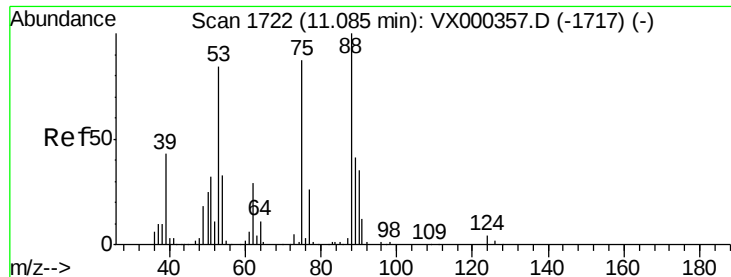
77 1.1 21.4 64.2#



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: 74.32 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000545.D

Acq: 30 Mar 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

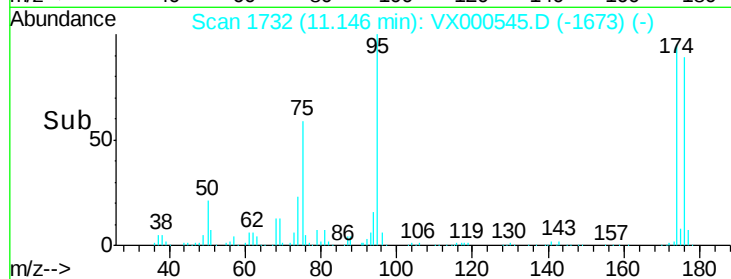
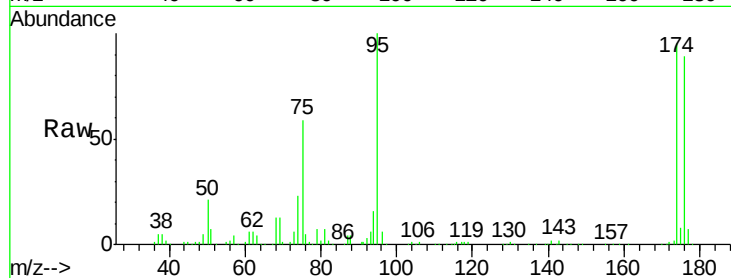
Tgt Ion: 75 Resp: 50007

Ion Ratio Lower Upper

75 100

53 0.0 80.7 121.1#

89 0.0 39.4 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

