

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
 Data File : VX004678.D
 Acq On : 19 Sep 2018 01:10
 Operator : JC/MD
 Sample : J4938-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANKS

Quant Time: Sep 19 05:43:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192010	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	153980	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
35) Dibromofluoromethane	5.50	113	142584	45.64	ug/l	0.00
Spiked Amount			Recovery	=	91.28%	
50) Toluene-d8	8.71	98	462555	44.15	ug/l	0.00
Spiked Amount			Recovery	=	88.30%	
62) 4-Bromofluorobenzene	11.14	95	161995	43.32	ug/l	0.00
Spiked Amount			Recovery	=	86.64%	

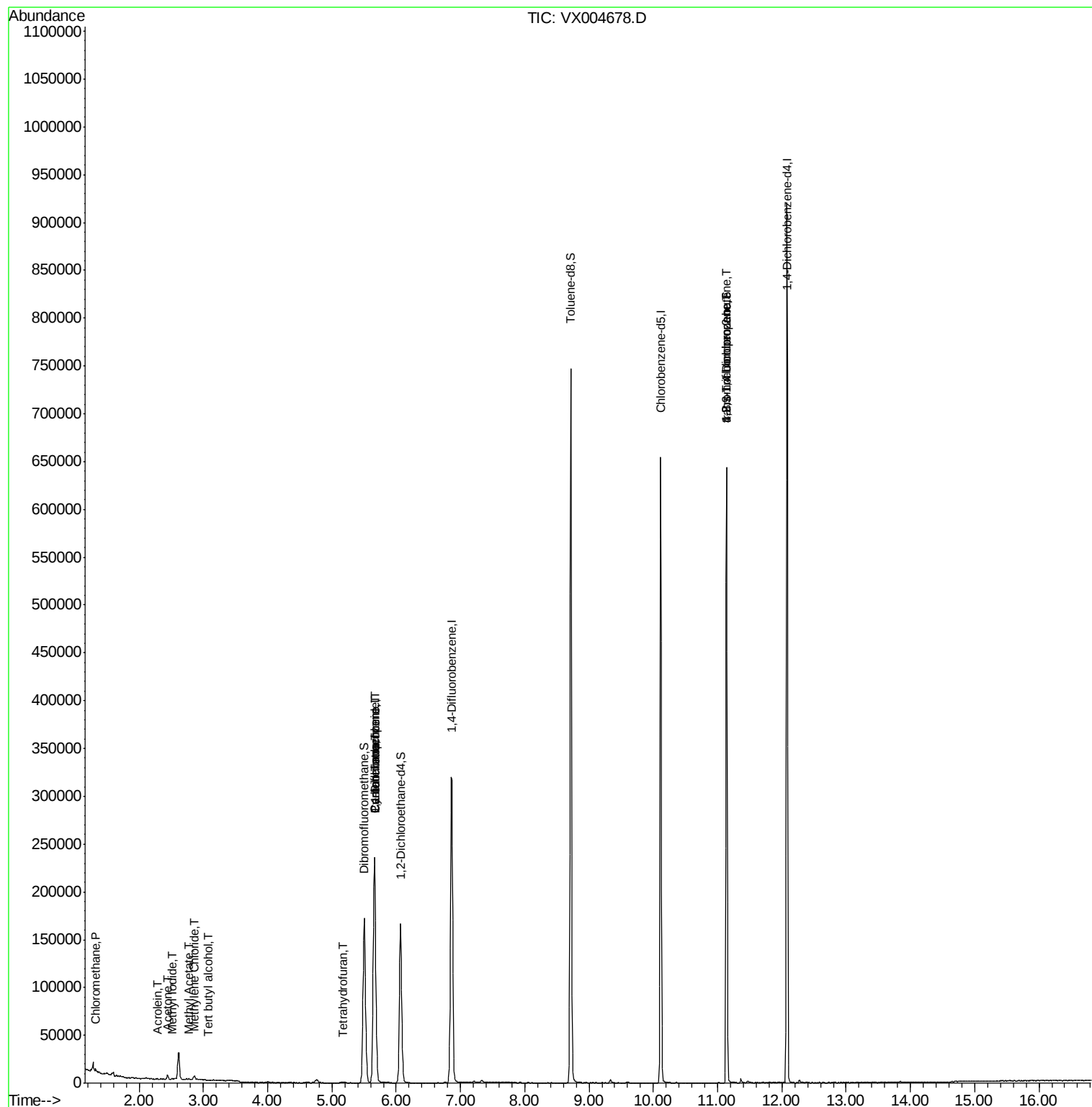
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	701	0.220	ug/l	100
5) Bromomethane	1.65	94	746	Below Cal	#	67
10) Methyl Iodide	2.52	142	493	4.394	ug/l #	96
11) Tert butyl alcohol	3.07	59	368	0.485	ug/l #	94
13) Acrolein	2.29	56	68	0.227	ug/l #	54
16) Acetone	2.44	43	4884	3.144	ug/l	94
18) Methyl Acetate	2.78	43	990	0.227	ug/l #	82
20) Methylene Chloride	2.86	84	1698	0.533	ug/l	89
29) Tetrahydrofuran	5.17	42	719	0.482	ug/l #	82
31) Cyclohexane	5.67	56	3738	0.812	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15187	3.664	ug/l #	49
38) Carbon Tetrachloride	5.66	117	20478	5.059	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	74961	19.405	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	74961	61.852	ug/l #	10

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

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004678.D

Acq: 19 Sep 2018 01:10

Instrument :

MSVOA_X

ClientSampled :

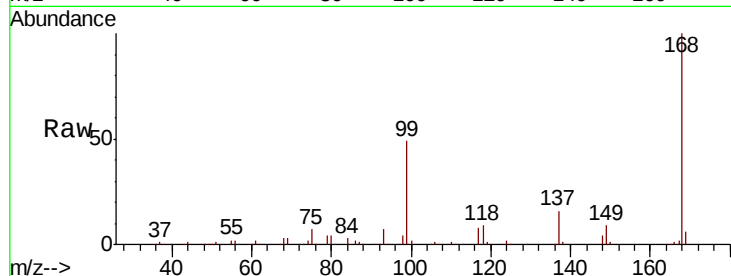
TRIP-BLANKS

Tgt Ion:168 Resp: 246853

Ion Ratio Lower Upper

168 100

99 48.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

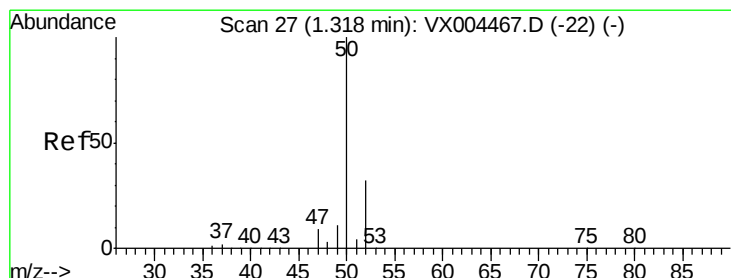
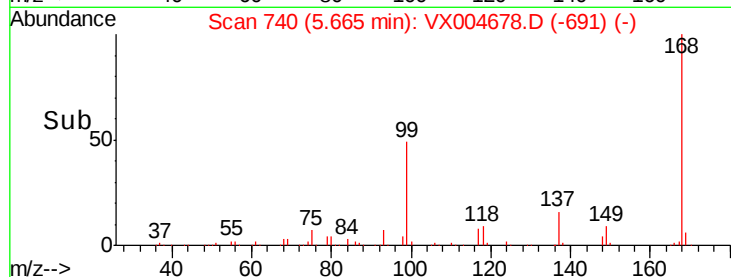
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.220 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004678.D

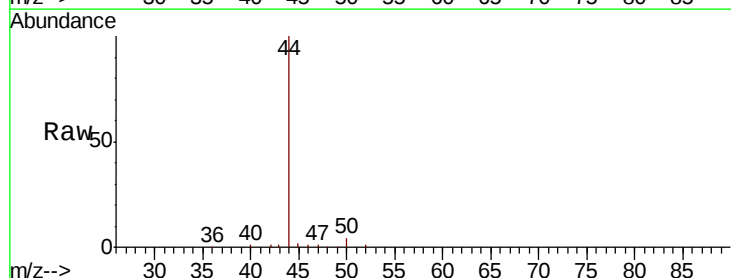
Acq: 19 Sep 2018 01:10

Tgt Ion: 50 Resp: 701

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

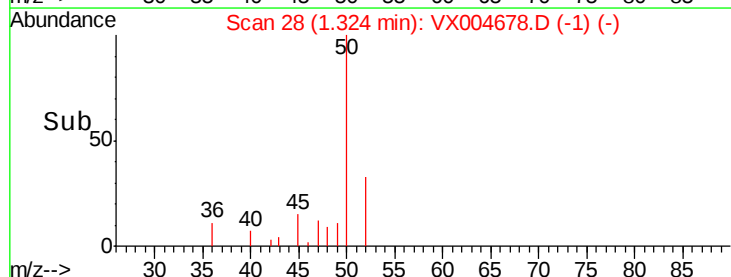
600

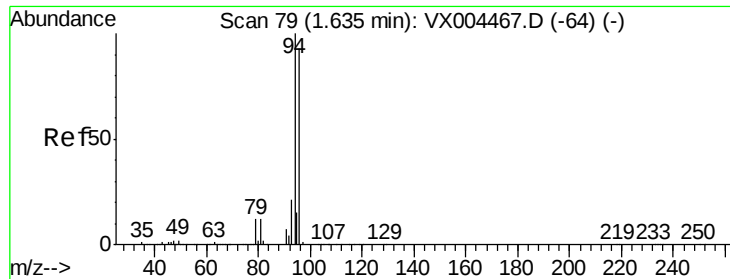
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX004678.D

Acq: 19 Sep 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

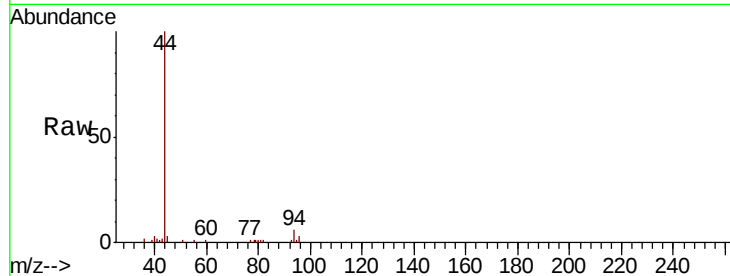
TRIP-BLANKS

Tgt Ion: 94 Resp: 746

Ion Ratio Lower Upper

94 100

96 61.2 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

300

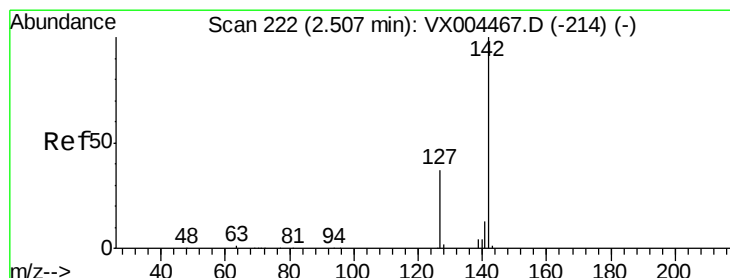
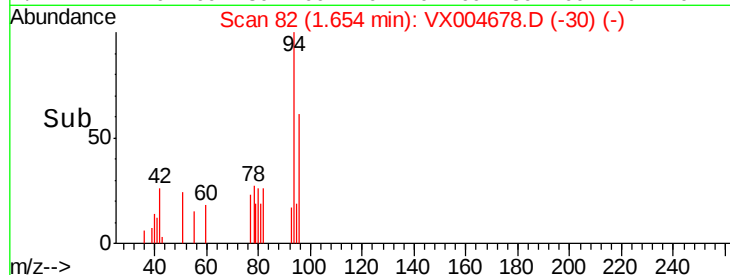
200

100

0

1.60 1.65 1.70 1.75

Time-->



#10

Methyl Iodide

Concen: 4.394 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX004678.D

Acq: 19 Sep 2018 01:10

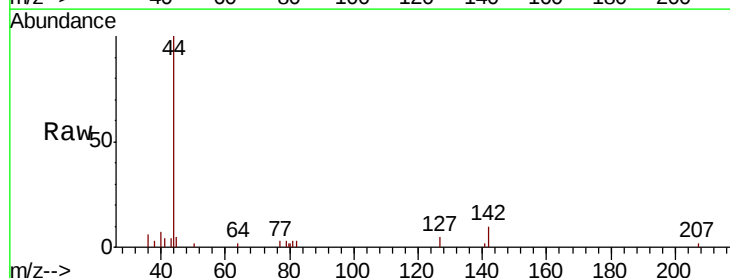
Tgt Ion: 142 Resp: 493

Ion Ratio Lower Upper

142 100

127 43.0 33.8 50.6

141 8.5 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

300

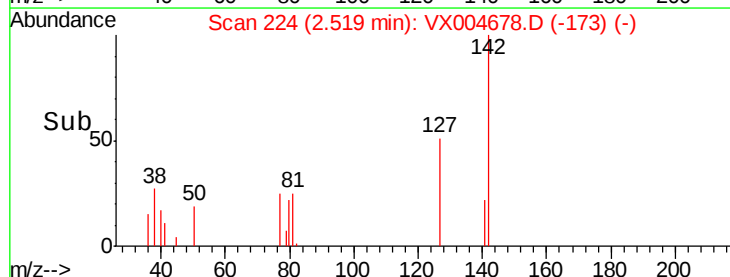
200

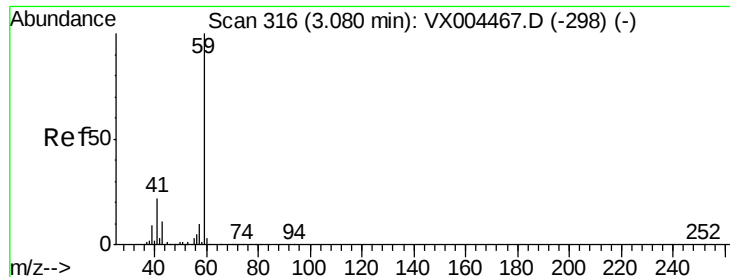
100

0

2.50 2.52 2.55

Time-->

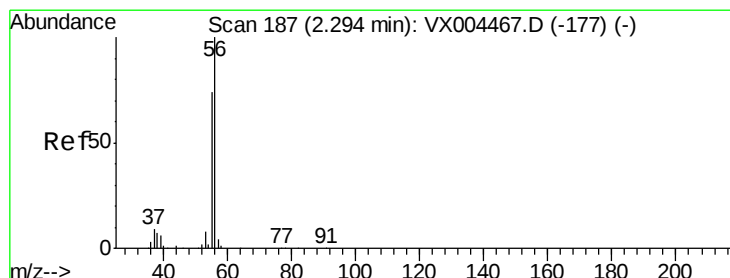
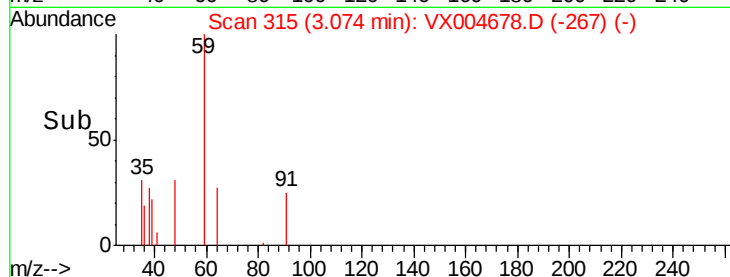
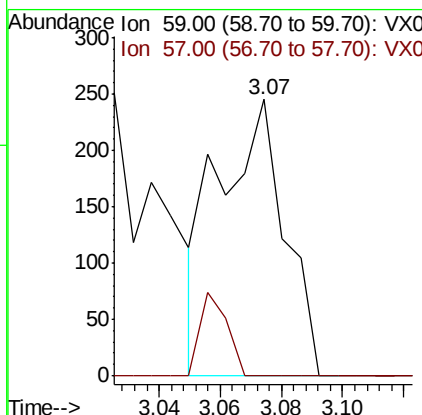
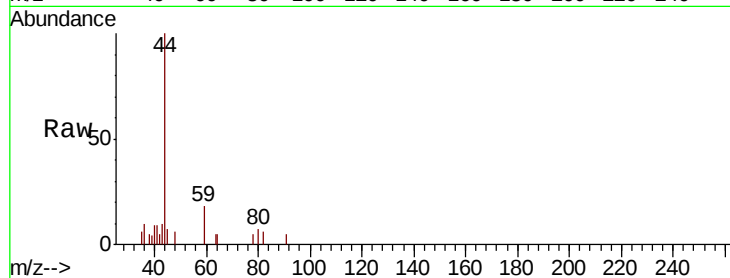




#11
Tert butyl alcohol
Concen: 0.485 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004678.D
Acq: 19 Sep 2018 01:10

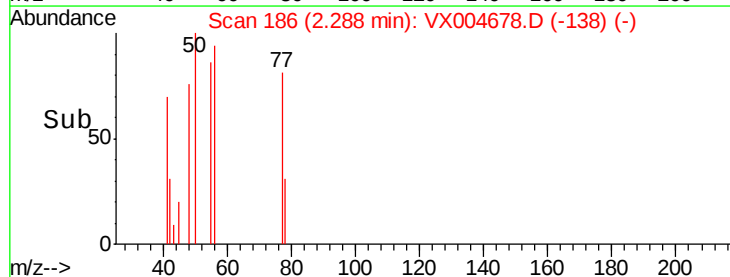
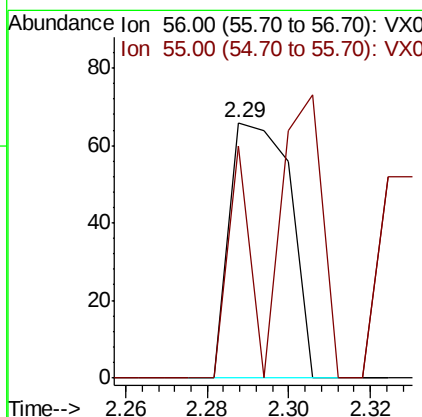
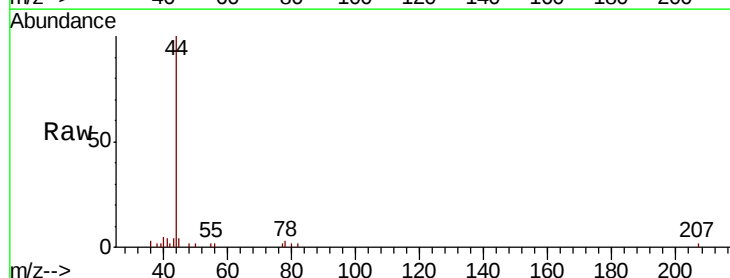
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKS

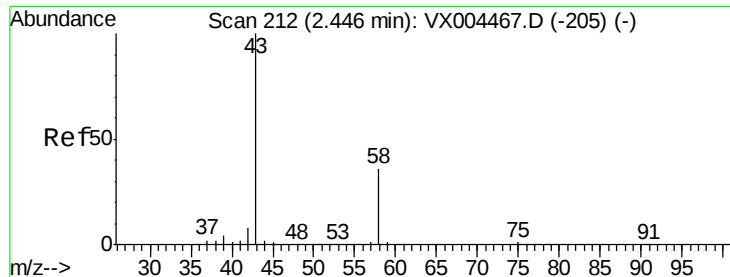
Tgt Ion: 59 Resp: 368
Ion Ratio Lower Upper
59 100
57 12.5 8.2 12.4#



#13
Acrolein
Concen: 0.227 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX004678.D
Acq: 19 Sep 2018 01:10

Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 105.9 54.7 82.1#





#16

Acetone

Concen: 3.144 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004678.D

Acq: 19 Sep 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

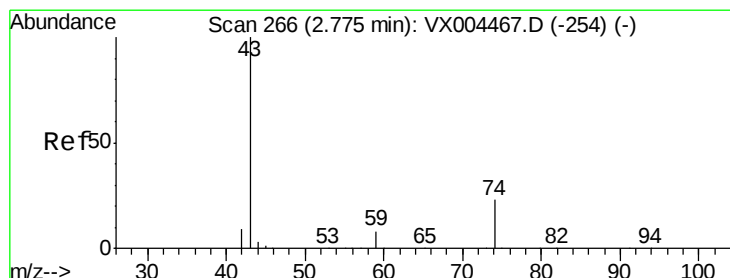
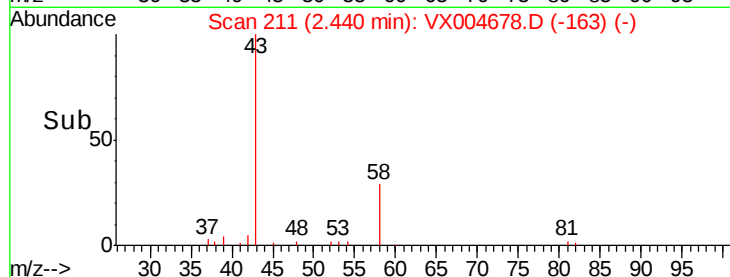
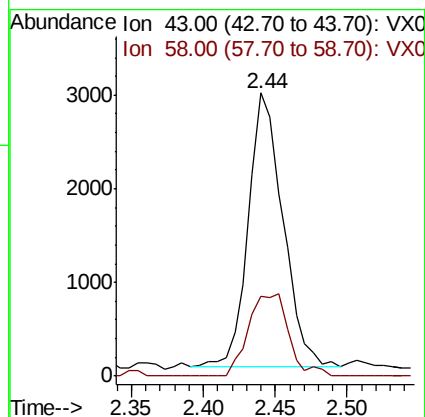
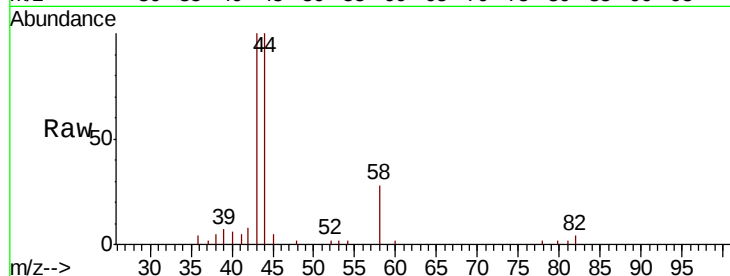
TRIP-BLANKS

Tgt Ion: 43 Resp: 4884

Ion Ratio Lower Upper

43 100

58 29.3 26.2 39.4



#18

Methyl Acetate

Concen: 0.227 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004678.D

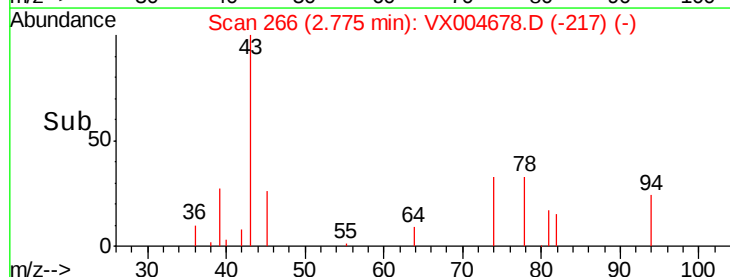
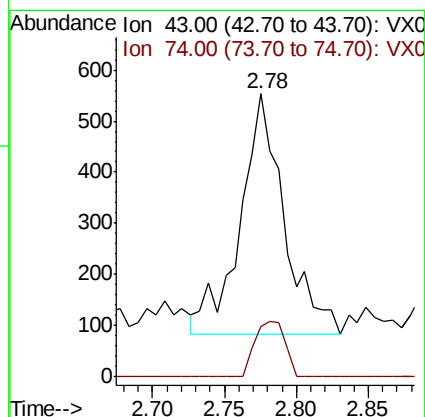
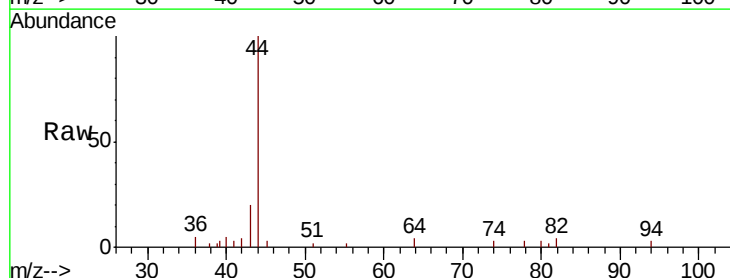
Acq: 19 Sep 2018 01:10

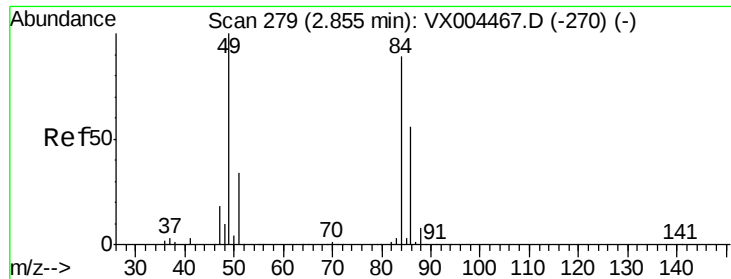
Tgt Ion: 43 Resp: 990

Ion Ratio Lower Upper

43 100

74 15.6 19.4 29.2#

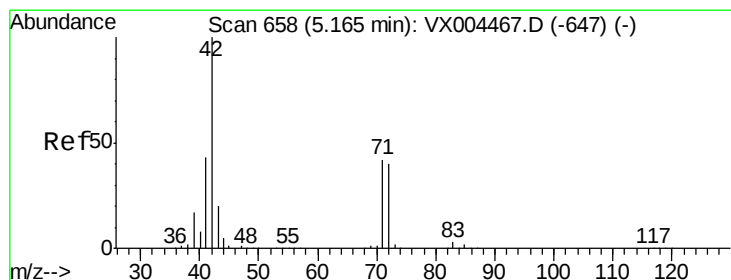
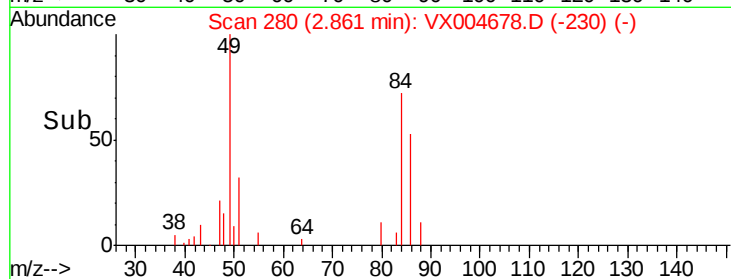
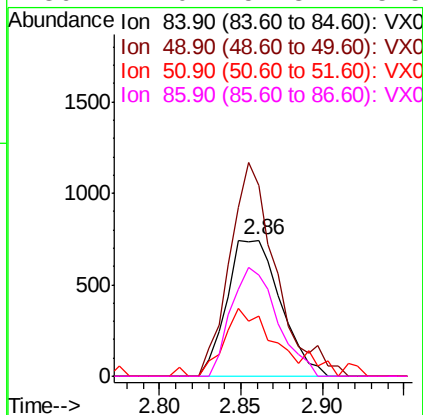
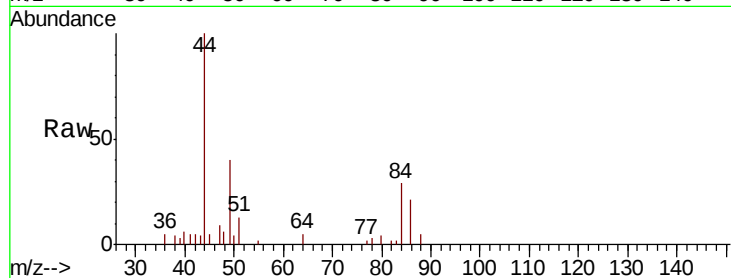




#20
Methylene Chloride
Concen: 0.533 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004678.D
Acq: 19 Sep 2018 01:10

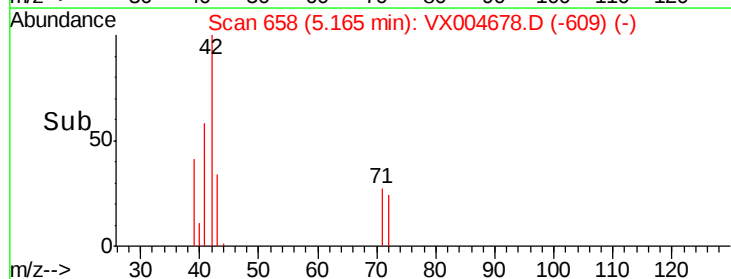
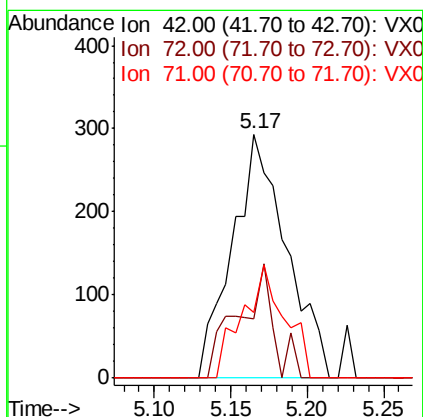
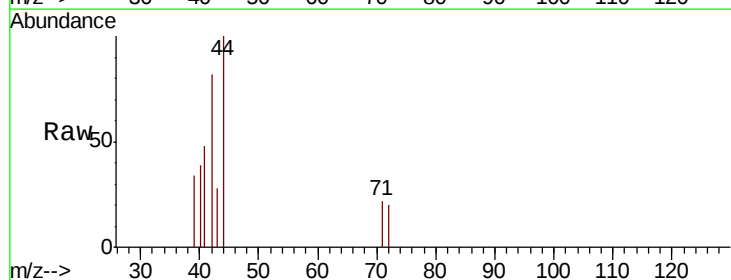
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKS

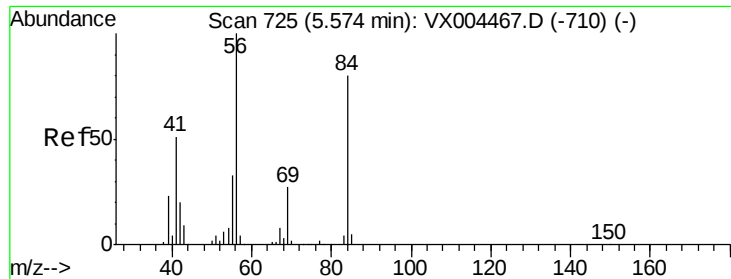
Tgt Ion:	84	Resp:	1698
Ion	Ratio	Lower	Upper
84	100		
49	139.6	101.2	151.8
51	44.0	29.5	44.3
86	74.0	52.3	78.5



#29
Tetrahydrofuran
Concen: 0.482 ug/l
RT: 5.17 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004678.D
Acq: 19 Sep 2018 01:10

Tgt Ion:	42	Resp:	719
Ion	Ratio	Lower	Upper
42	100		
72	30.5	37.4	56.0#
71	36.3	34.5	51.7

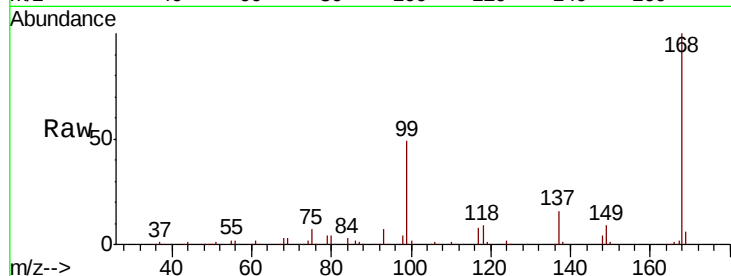




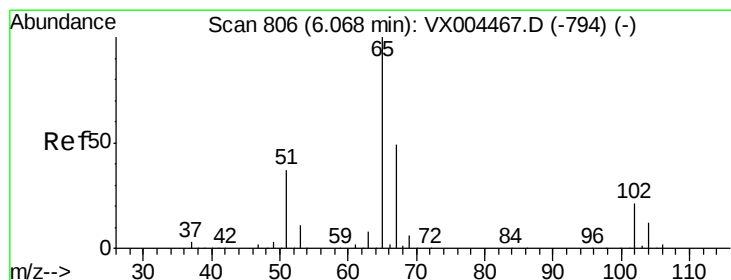
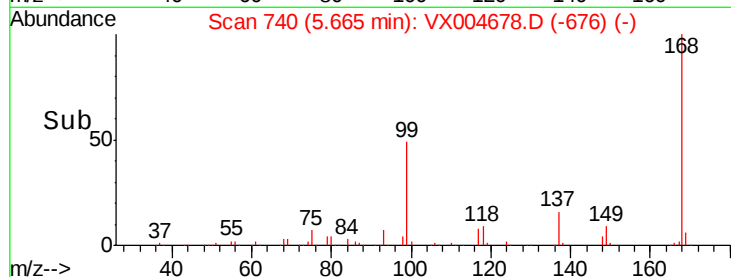
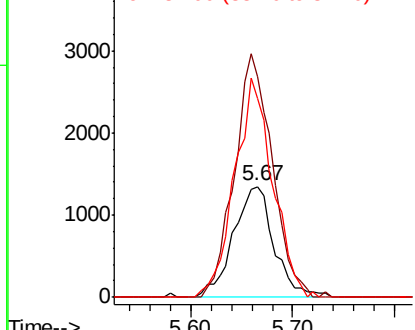
#31
Cyclohexane
Concen: 0.812 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX004678.D
Acq: 19 Sep 2018 01:10

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKS

Tgt Ion: 56 Resp: 3738
Ion Ratio Lower Upper
56 100
69 199.3 25.4 38.2#
84 179.1 71.4 107.2#

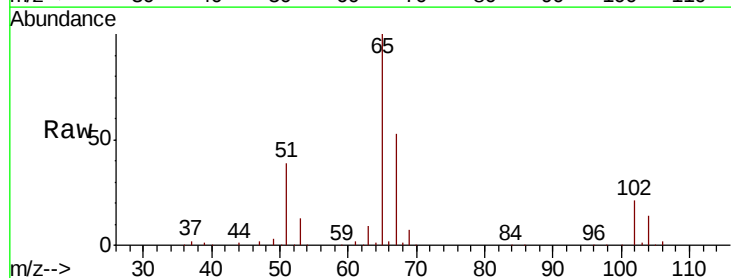


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

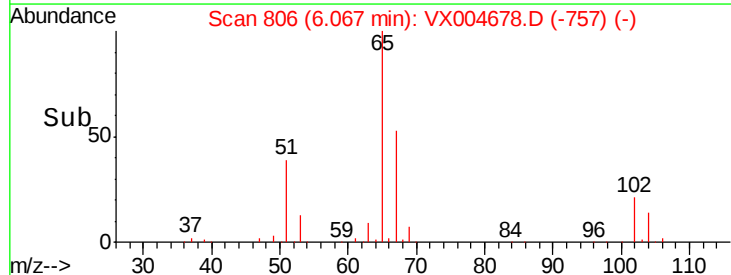
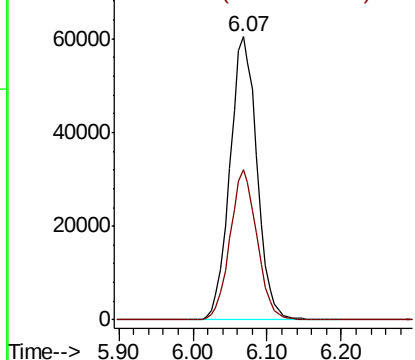


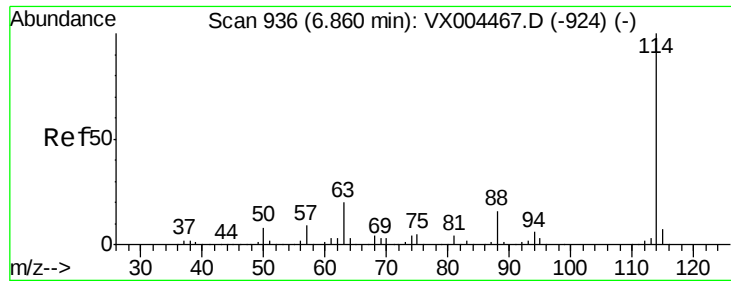
#33
1,2-Dichloroethane-d4
Concen: 48.377 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004678.D
Acq: 19 Sep 2018 01:10

Tgt Ion: 65 Resp: 153980
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.8



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

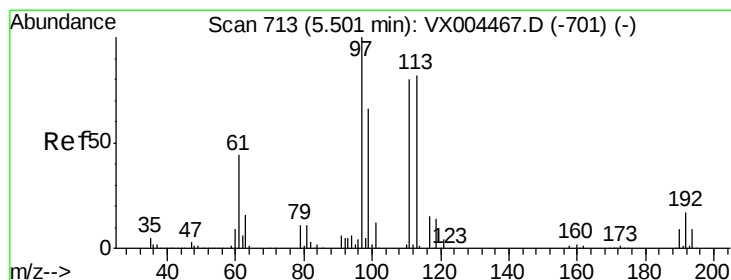
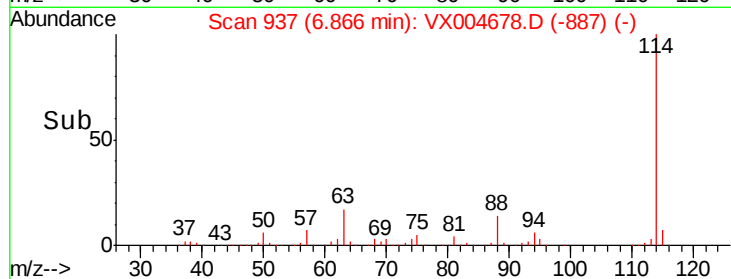
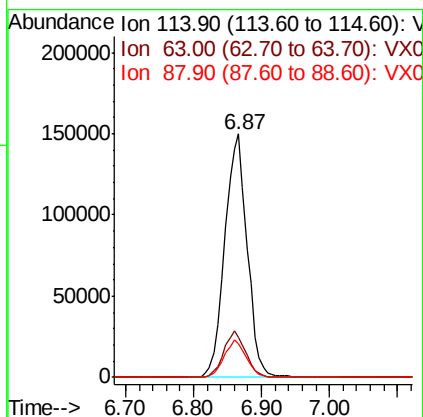
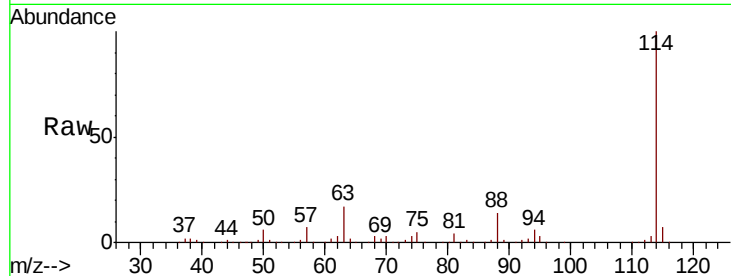




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004678.D
 Acq: 19 Sep 2018 01:10

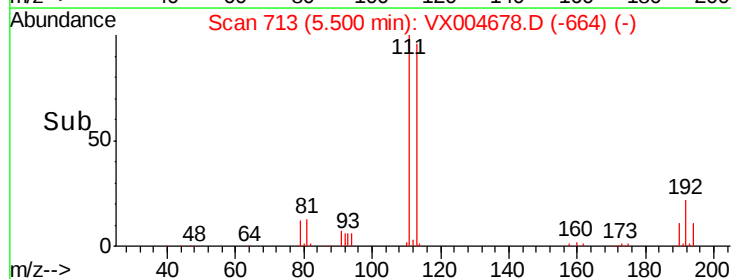
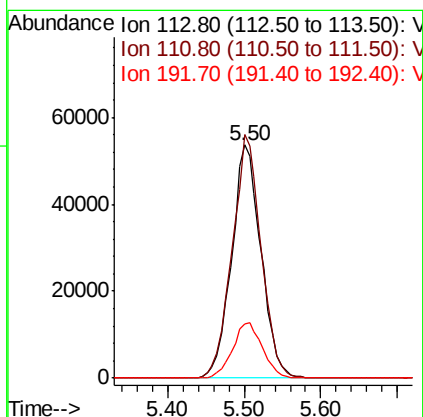
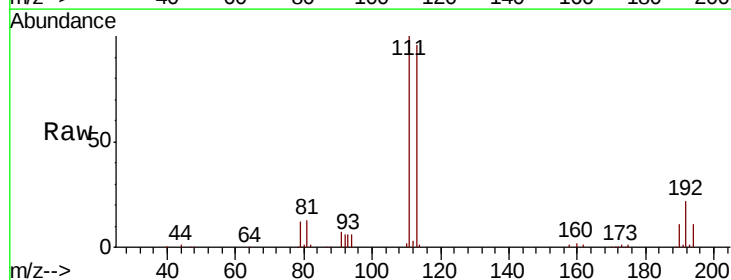
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANKS

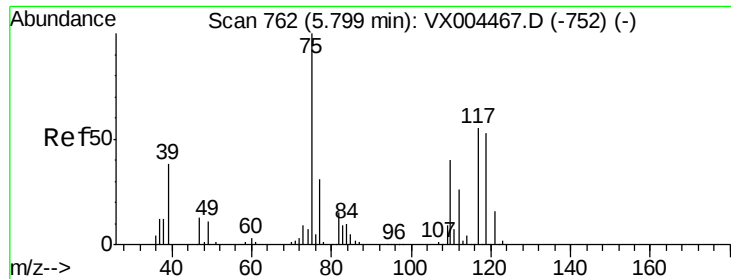
Tgt Ion:114 Resp: 341367
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 39.0
 88 14.1 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 45.644 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004678.D
 Acq: 19 Sep 2018 01:10

Tgt Ion:113 Resp: 142584
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 24.1 19.4 29.2

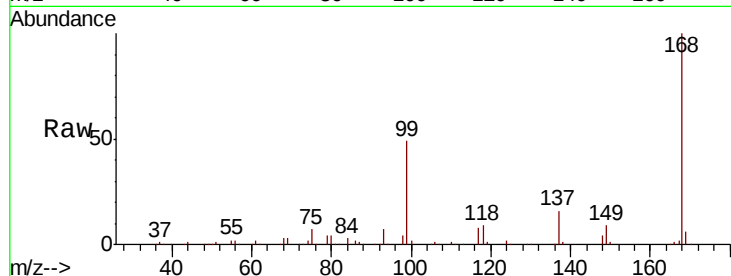




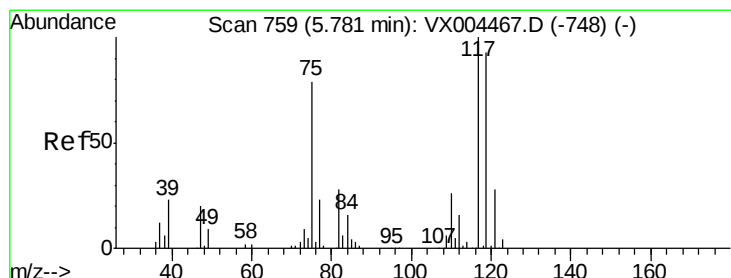
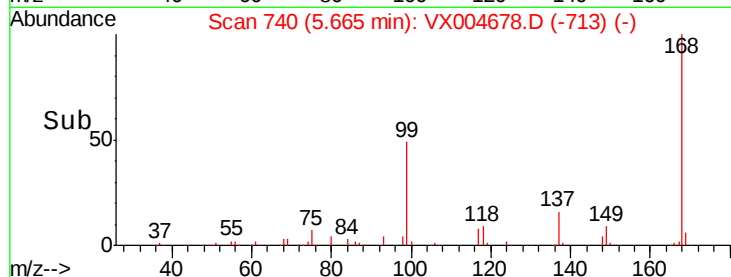
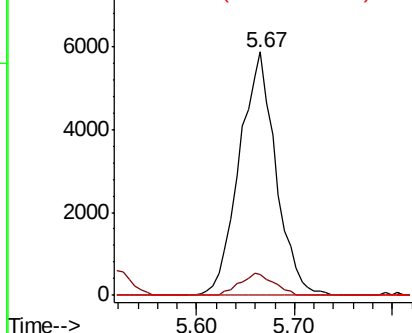
#36
 1,1-Dichloropropene
 Concen: 3.664 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX004678.D
 Acq: 19 Sep 2018 01:10

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANKS

Tgt Ion: 75 Resp: 15187
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.0 54.0#
 77 0.0 24.6 36.8#

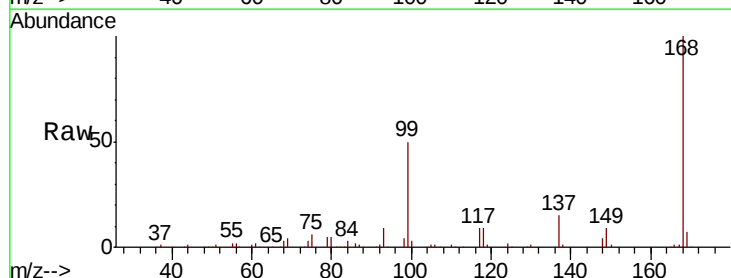


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

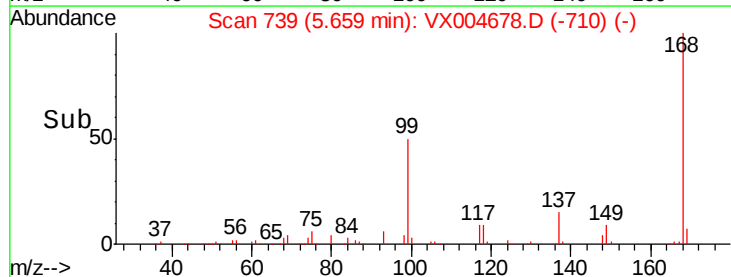
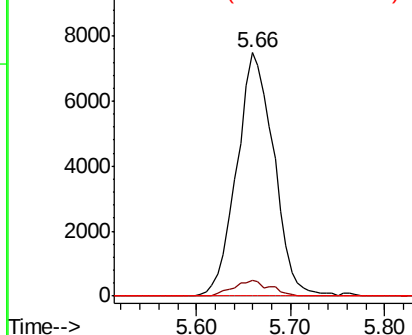


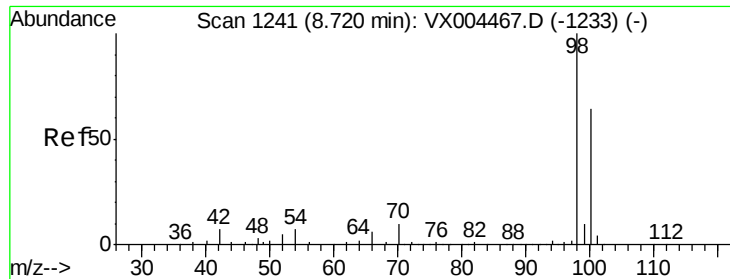
#38
 Carbon Tetrachloride
 Concen: 5.059 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX004678.D
 Acq: 19 Sep 2018 01:10

Tgt Ion: 117 Resp: 20478
 Ion Ratio Lower Upper
 117 100
 119 6.2 78.8 118.2#
 121 0.0 24.9 37.3#



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: 44.155 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004678.D

Acq: 19 Sep 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

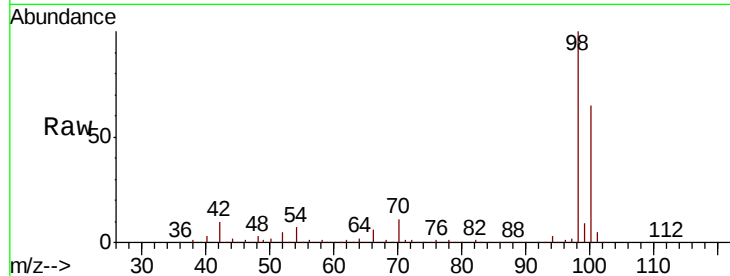
TRIP-BLANKS

Tgt Ion: 98 Resp: 462555

Ion Ratio Lower Upper

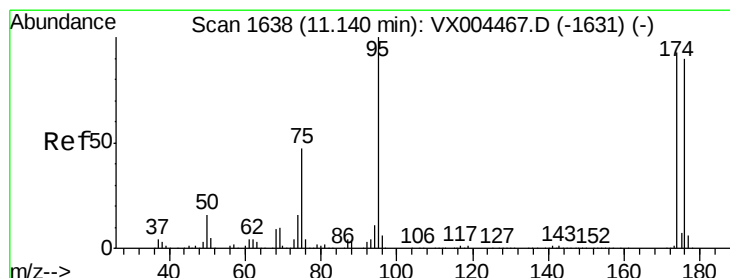
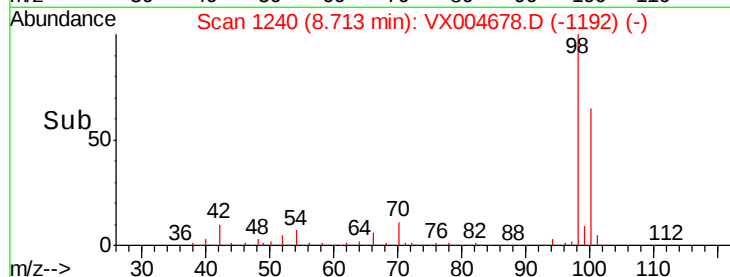
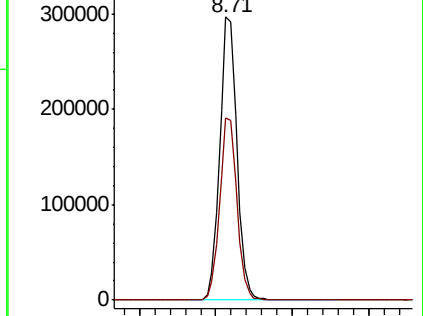
98 100

100 64.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 43.321 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004678.D

Acq: 19 Sep 2018 01:10

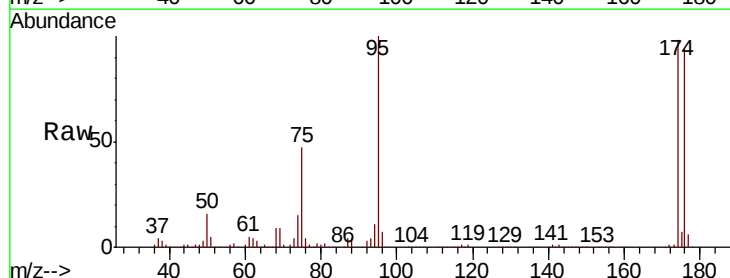
Tgt Ion: 95 Resp: 161995

Ion Ratio Lower Upper

95 100

174 95.8 0.0 185.2

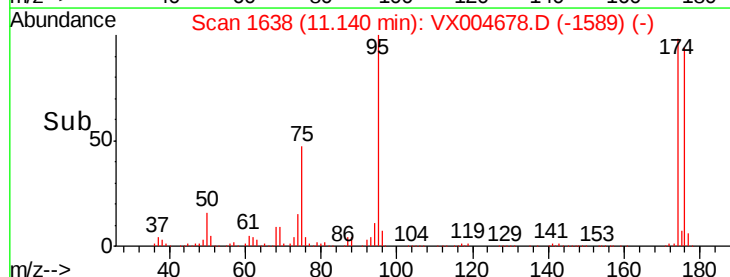
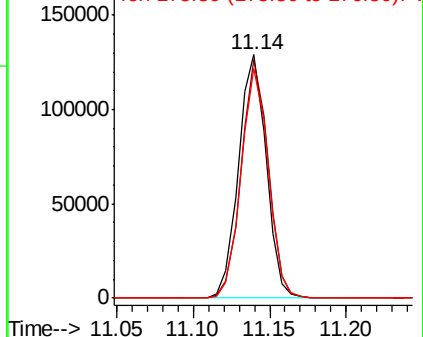
176 93.1 0.0 178.6

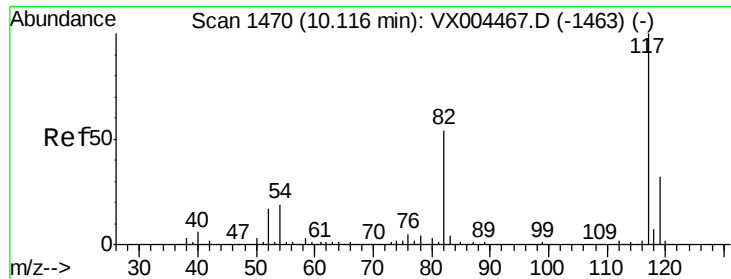


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

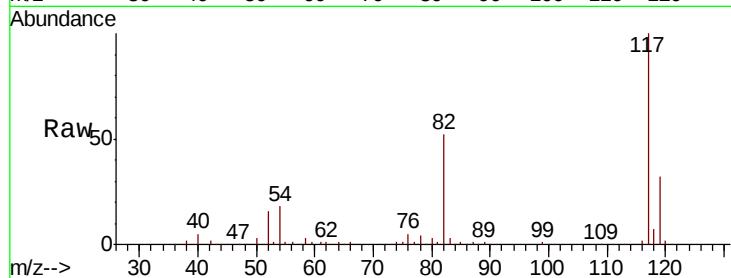




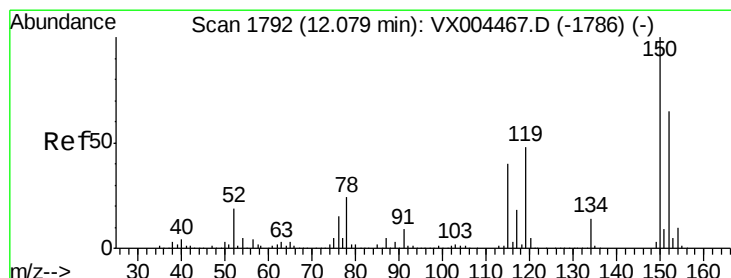
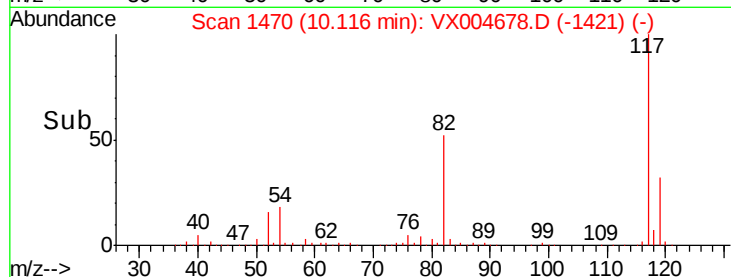
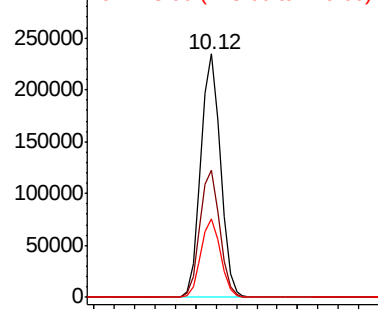
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004678.D
Acq: 19 Sep 2018 01:10

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKS

Tgt Ion:117 Resp: 312744
Ion Ratio Lower Upper
117 100
82 52.2 47.8 71.6
119 32.5 29.3 43.9

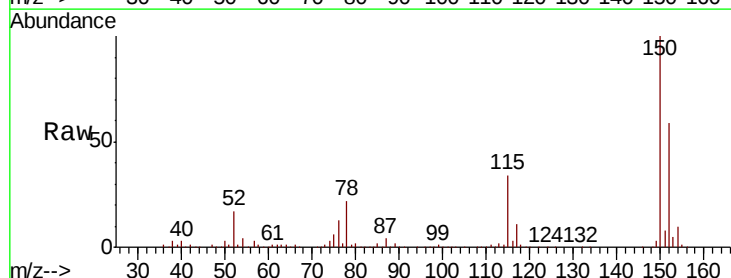


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

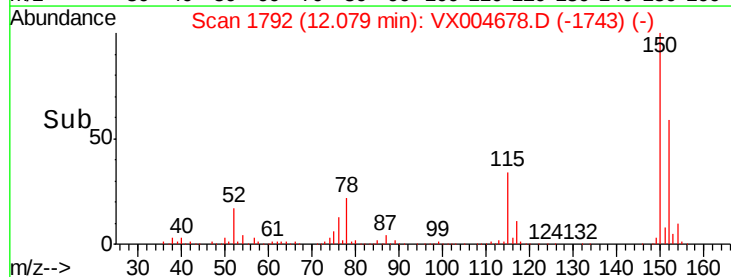
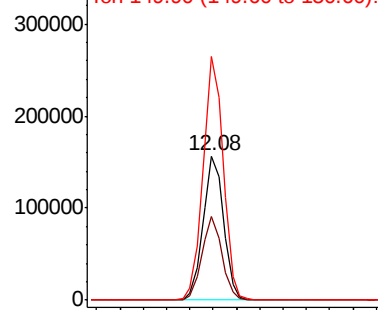


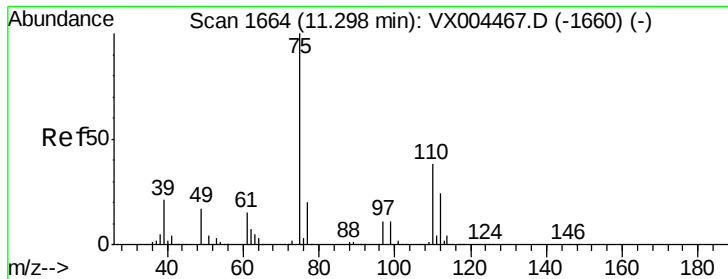
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004678.D
Acq: 19 Sep 2018 01:10

Tgt Ion:152 Resp: 192010
Ion Ratio Lower Upper
152 100
115 56.3 39.0 117.0
150 166.6 0.0 351.0



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

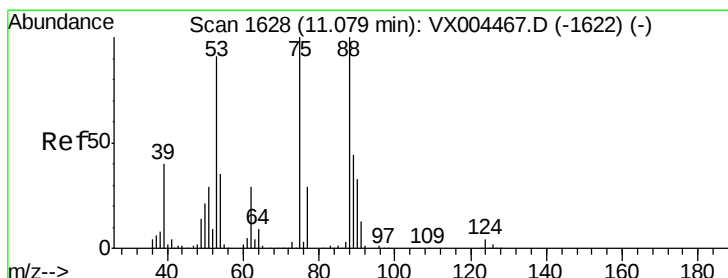
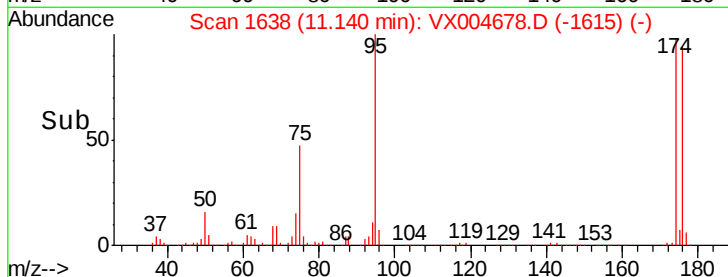
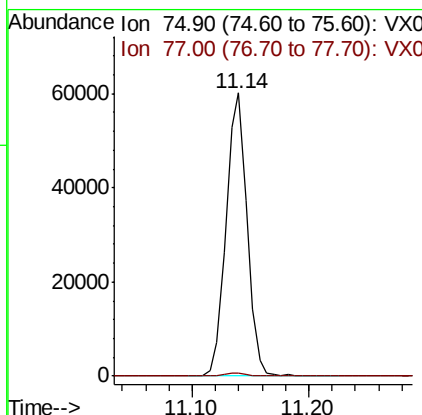
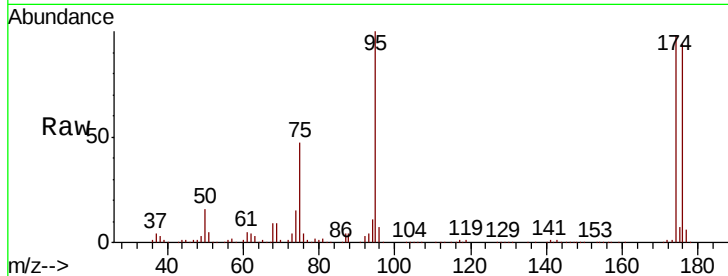




#76
 1,2,3-Trichloropropane
 Concen: 19.405 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX004678.D
 Acq: 19 Sep 2018 01:10

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANKS

Tgt Ion: 75 Resp: 74961
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.2 60.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.852 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX004678.D
 Acq: 19 Sep 2018 01:10

Tgt Ion: 75 Resp: 74961
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.1 120.1#
 89 0.0 37.2 55.8#

