

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
 Data File : VX011773.D
 Acq On : 22 Aug 2019 19:39
 Operator : JC/SP
 Sample : K4488-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 390821768-TRIP-BLANK

Quant Time: Aug 23 02:05:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	417113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	572959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	518958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	258879	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	208749	49.82	ug/l	0.00
Spiked Amount						
			Recovery	=	99.64%	
35) Dibromofluoromethane	5.49	113	176535	47.65	ug/l	0.00
Spiked Amount						
			Recovery	=	95.30%	
50) Toluene-d8	8.71	98	656106	50.77	ug/l	0.00
Spiked Amount						
			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.13	95	236496	46.30	ug/l	0.00
Spiked Amount						
			Recovery	=	92.60%	

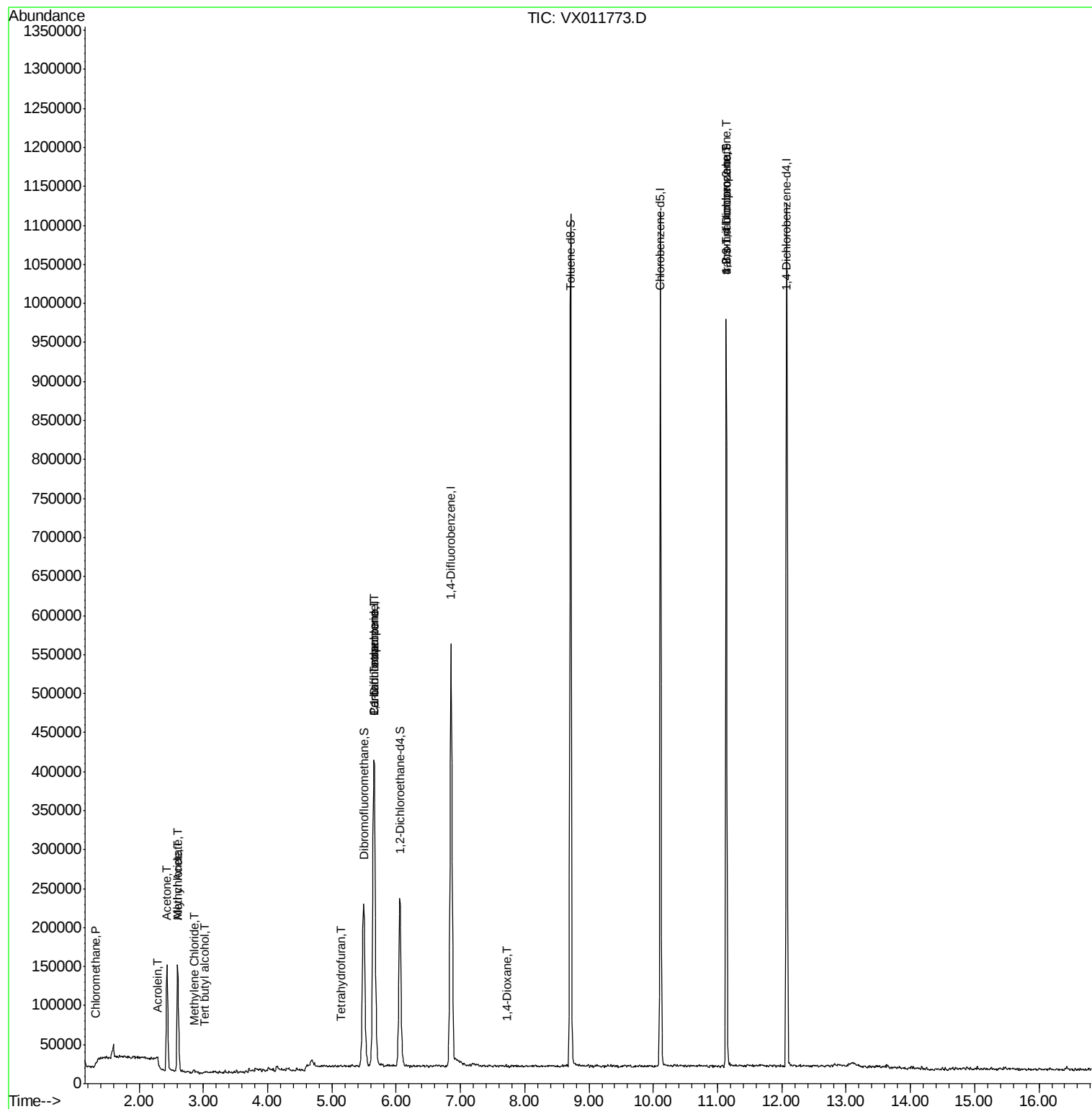
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	703	0.206	ug/l #	35
11) Tert butyl alcohol	3.03	59	867	1.047	ug/l #	1
13) Acrolein	2.29	56	227	0.709	ug/l #	16
14) Allyl chloride	2.60	41	12733	2.485	ug/l #	66
16) Acetone	2.43	43	142807	78.347	ug/l	96
18) Methyl Acetate	2.60	43	36060	7.291	ug/l #	53
20) Methylene Chloride	2.85	84	2447	0.657	ug/l #	80
29) Tetrahydrofuran	5.13	42	947	0.565	ug/l #	77
36) 1,1-Dichloropropene	5.65	75	24836	5.528	ug/l #	53
38) Carbon Tetrachloride	5.65	117	36157	7.101	ug/l #	16
49) 1,4-Dioxane	7.73	88	70	0.660	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	113149	24.909	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	113149	75.120	ug/l #	11

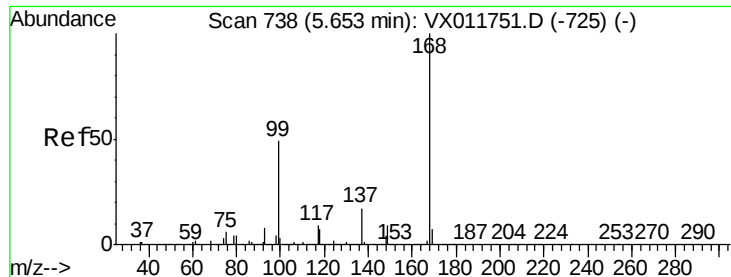
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
Data File : VX011773.D
Acq On : 22 Aug 2019 19:39
Operator : JC/SP
Sample : K4488-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
390821768-TRIP-BLANK

Quant Time: Aug 23 02:05:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011773.D

Acq: 22 Aug 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

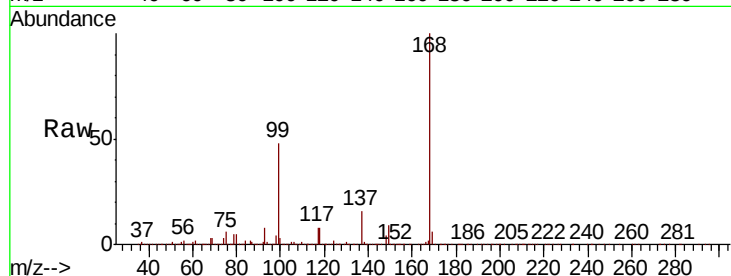
390821768-TRIP-BLANK

Tgt Ion:168 Resp: 417113

Ion Ratio Lower Upper

168 100

99 47.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

100000

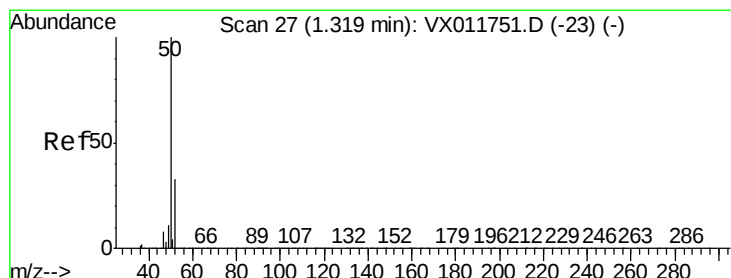
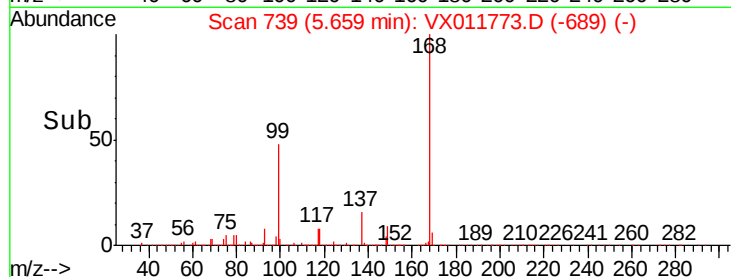
50000

0

5.66

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.206 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011773.D

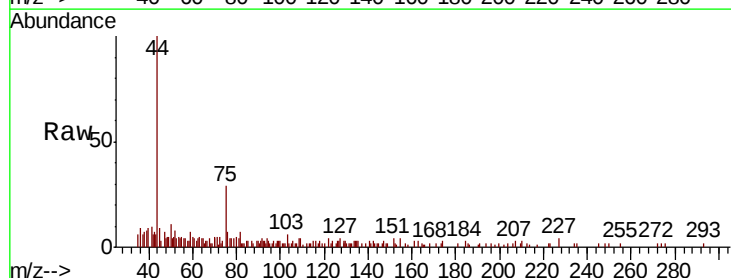
Acq: 22 Aug 2019 19:39

Tgt Ion: 50 Resp: 703

Ion Ratio Lower Upper

50 100

52 70.0 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

500

400

300

200

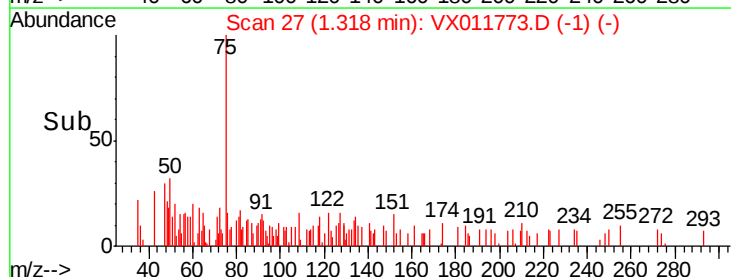
100

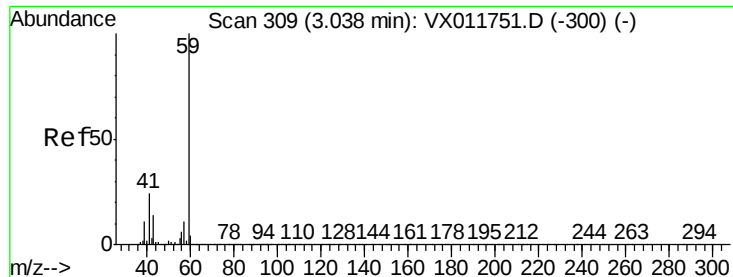
0

1.32

1.28 1.30 1.32 1.34

Time-->

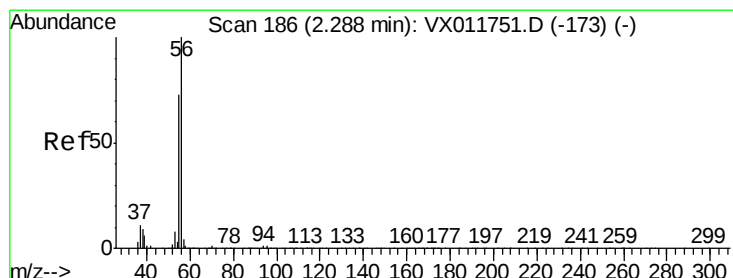
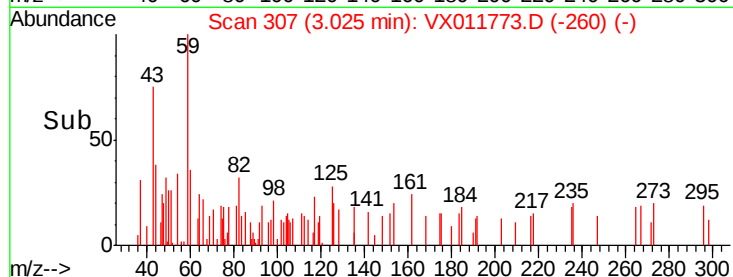
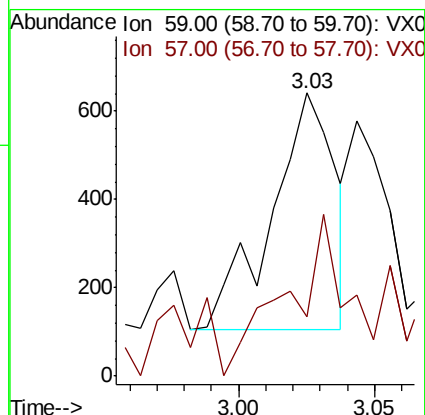
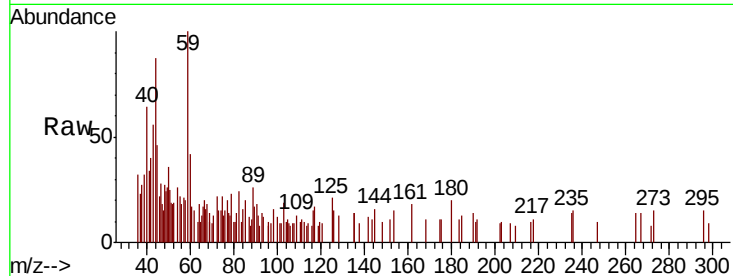




#11
Tert butyl alcohol
Concen: 1.047 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX011773.D
Acq: 22 Aug 2019 19:39

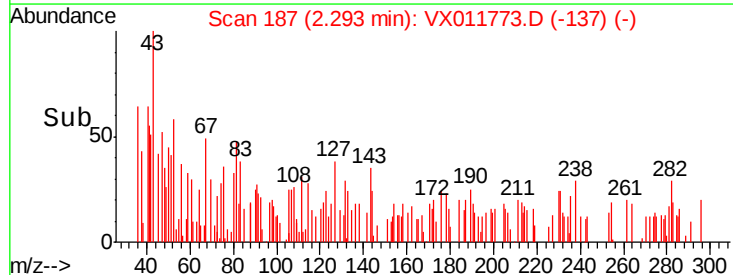
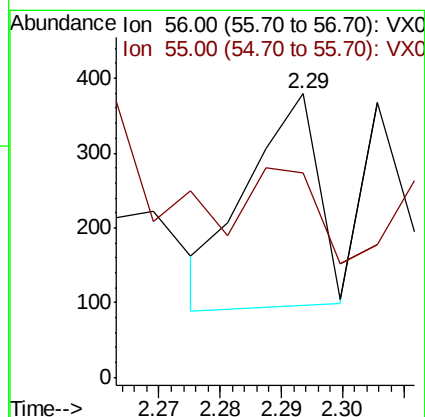
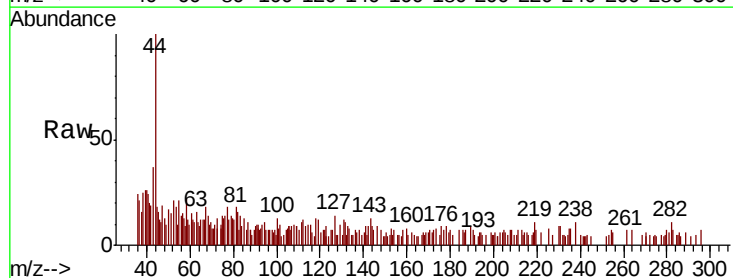
Instrument :
MSVOA_X
ClientSampleId :
390821768-TRIP-BLANK

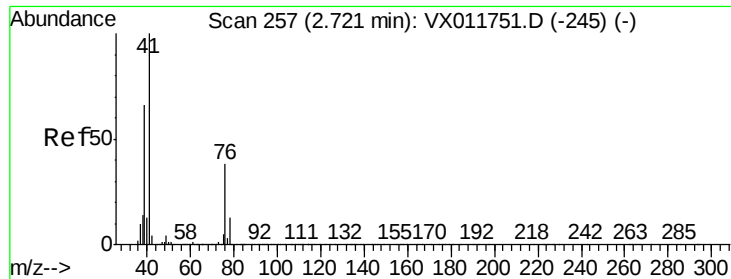
Tgt Ion: 59 Resp: 867
Ion Ratio Lower Upper
59 100
57 64.2 8.4 12.6#



#13
Acrolein
Concen: 0.709 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX011773.D
Acq: 22 Aug 2019 19:39

Tgt Ion: 56 Resp: 227
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

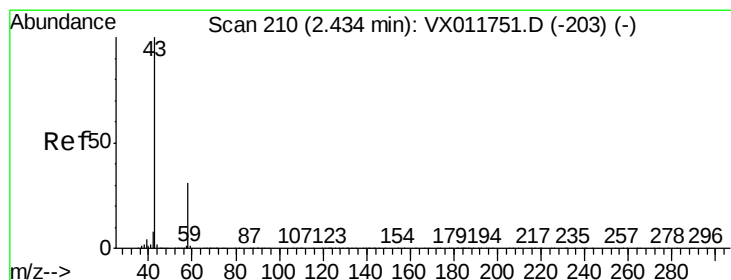
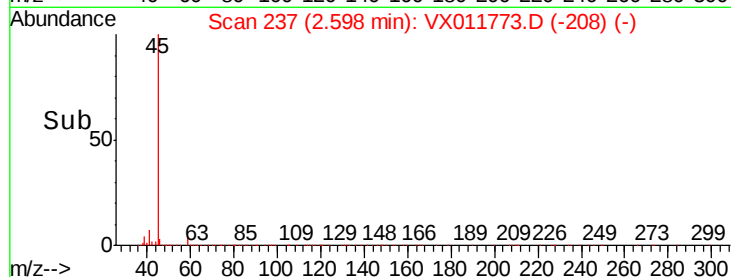
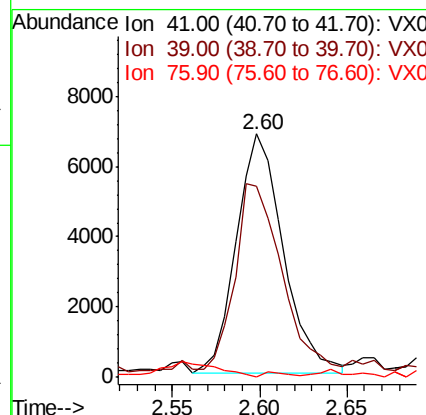
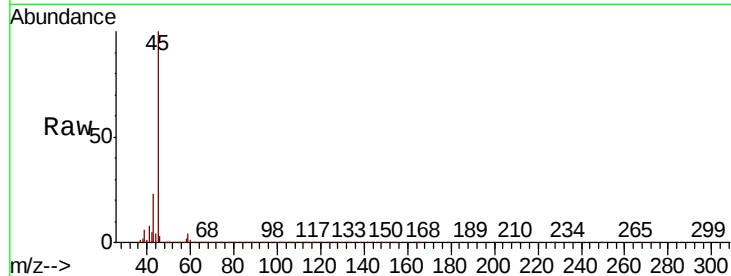




#14
 Allyl chloride
 Concen: 2.485 ug/l
 RT: 2.60 min Scan# 237
 Delta R.T. -0.12 min
 Lab File: VX011773.D
 Acq: 22 Aug 2019 19:39

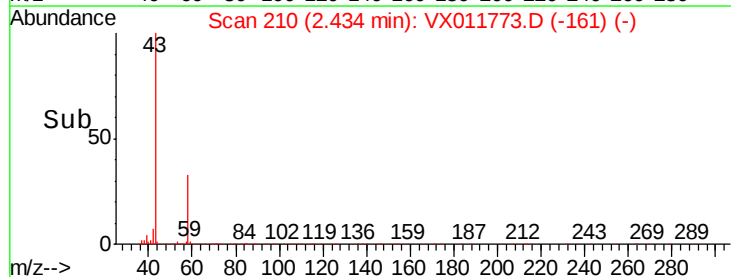
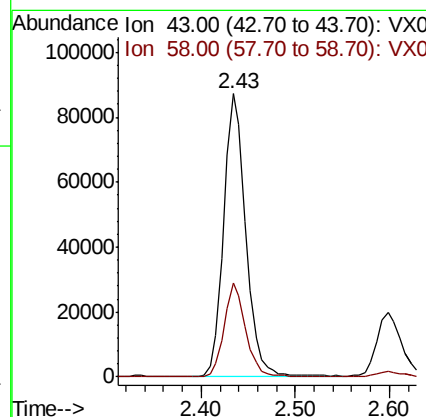
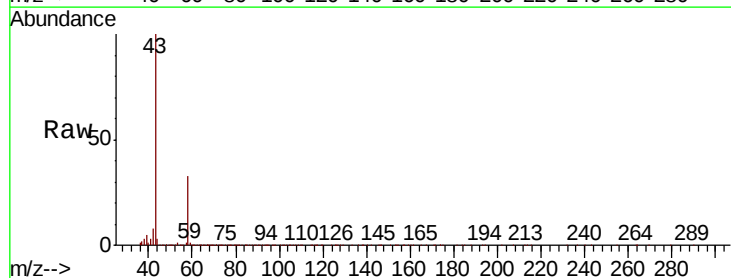
Instrument :
 MSVOA_X
 ClientSampleId :
 390821768-TRIP-BLANK

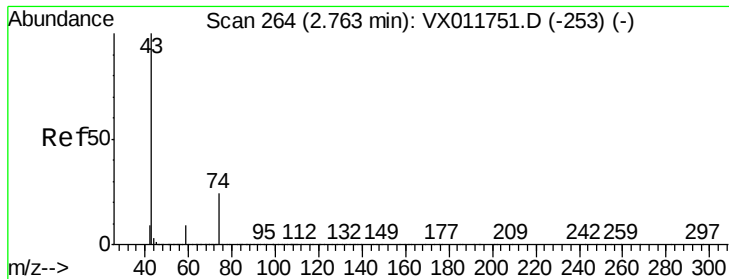
Tgt Ion: 41 Resp: 12733
 Ion Ratio Lower Upper
 41 100
 39 77.7 49.3 73.9#
 76 1.2 26.8 40.2#



#16
 Acetone
 Concen: 78.347 ug/l
 RT: 2.43 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX011773.D
 Acq: 22 Aug 2019 19:39

Tgt Ion: 43 Resp: 142807
 Ion Ratio Lower Upper
 43 100
 58 32.9 24.4 36.6

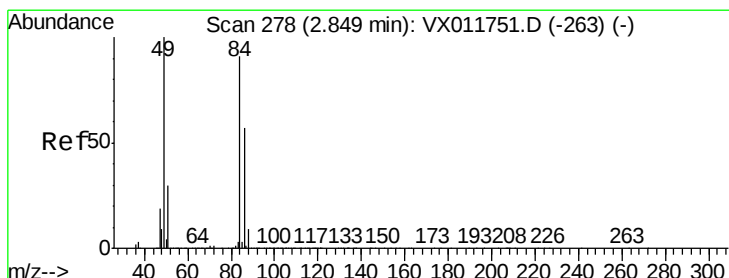
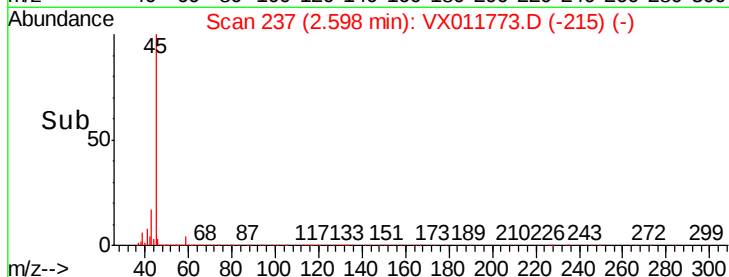
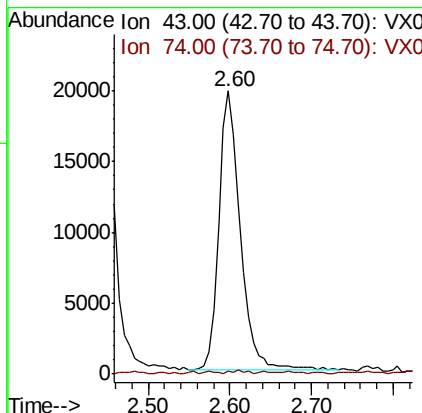
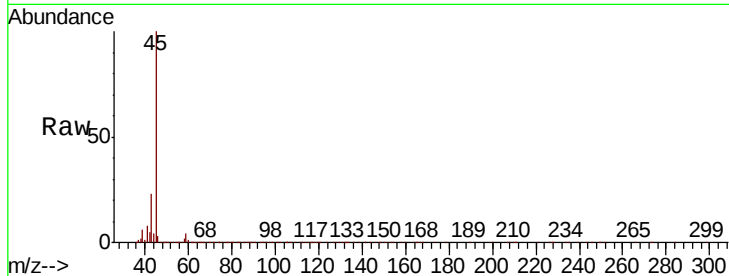




#18
Methyl Acetate
Concen: 7.291 ug/l
RT: 2.60 min Scan# 237
Delta R.T. -0.17 min
Lab File: VX011773.D
Acq: 22 Aug 2019 19:39

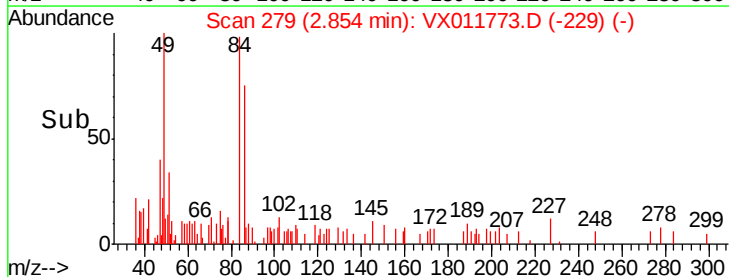
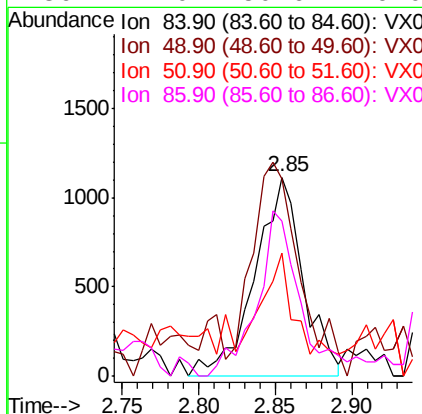
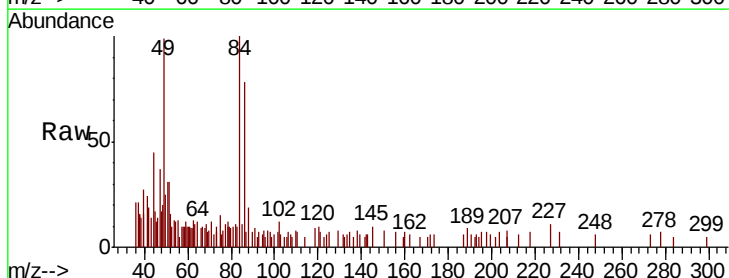
Instrument :
MSVOA_X
ClientSampleId :
390821768-TRIP-BLANK

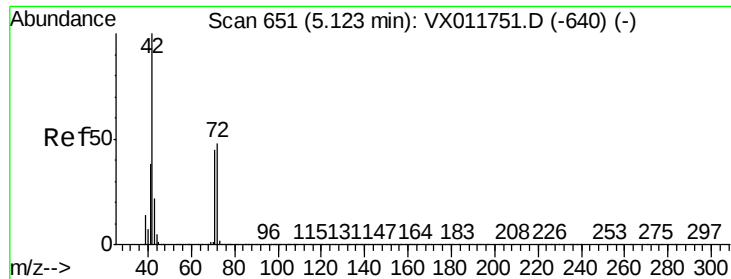
Tgt Ion: 43 Resp: 36060
Ion Ratio Lower Upper
43 100
74 1.0 19.5 29.3#



#20
Methylene Chloride
Concen: 0.657 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011773.D
Acq: 22 Aug 2019 19:39

Tgt Ion: 84 Resp: 2447
Ion Ratio Lower Upper
84 100
49 87.3 88.3 132.5#
51 51.2 26.2 39.2#
86 72.0 50.6 76.0

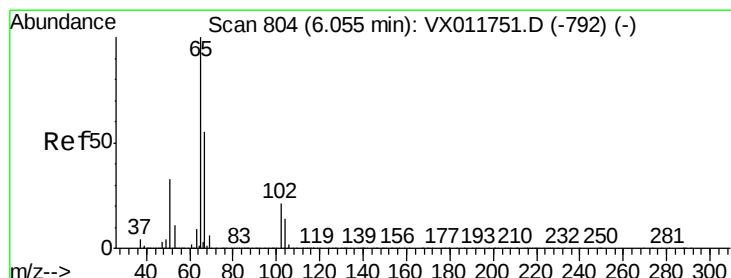
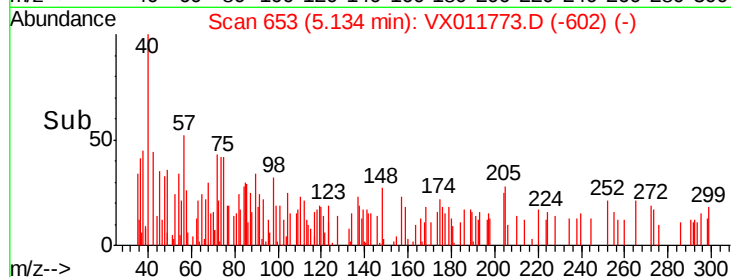
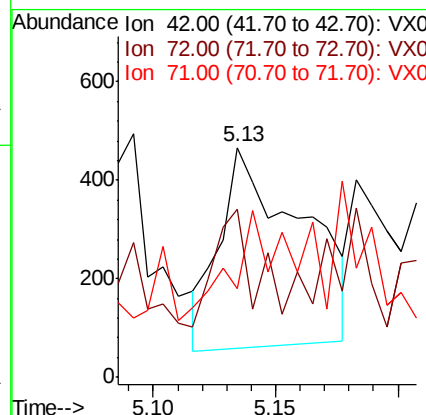
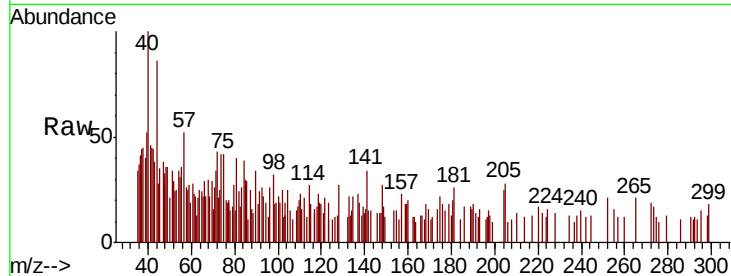




#29
Tetrahydrofuran
Concen: 0.565 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX011773.D
Acq: 22 Aug 2019 19:39

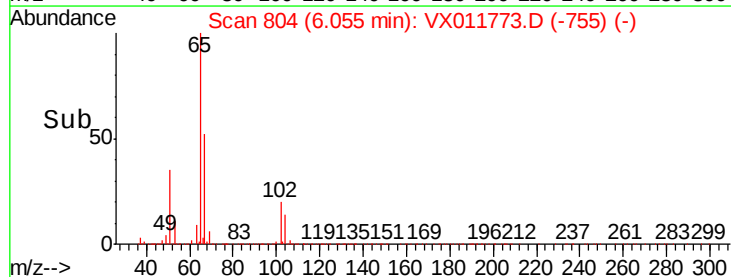
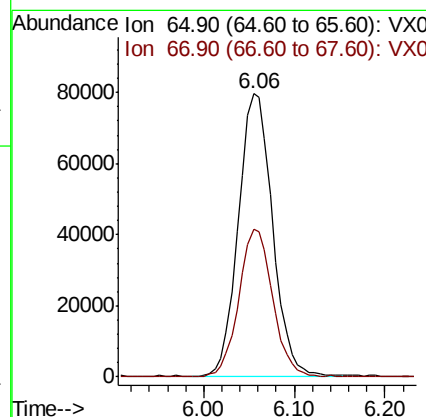
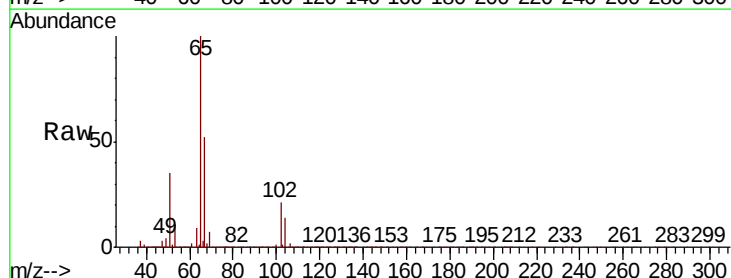
Instrument :
MSVOA_X
ClientSampleId :
390821768-TRIP-BLANK

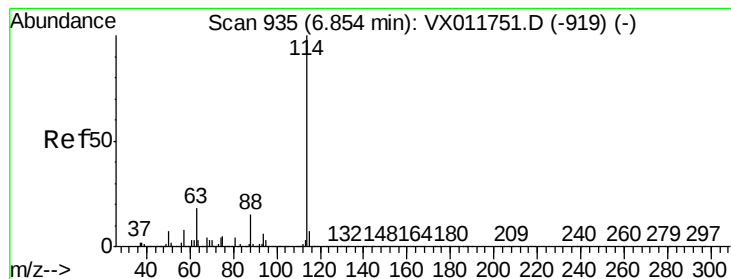
Tgt Ion: 42 Resp: 947
Ion Ratio Lower Upper
42 100
72 30.9 37.6 56.4#
71 29.3 34.6 51.8#



#33
1,2-Dichloroethane-d4
Concen: 49.819 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011773.D
Acq: 22 Aug 2019 19:39

Tgt Ion: 65 Resp: 208749
Ion Ratio Lower Upper
65 100
67 51.2 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011773.D

Acq: 22 Aug 2019 19:39

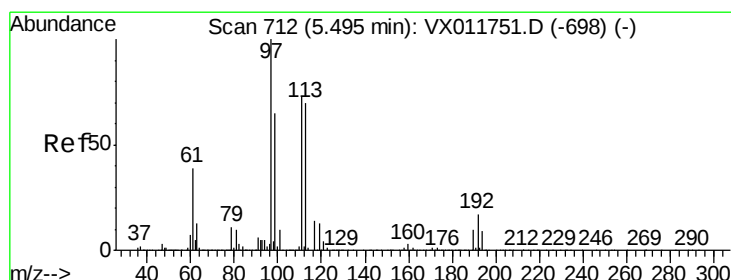
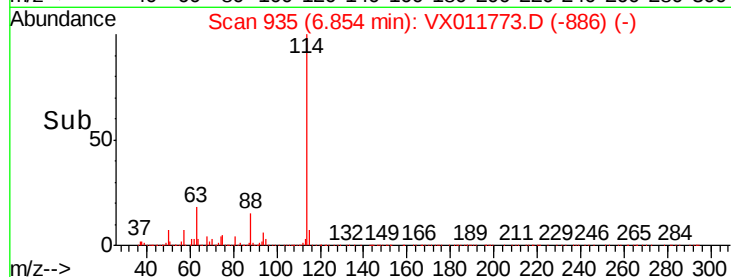
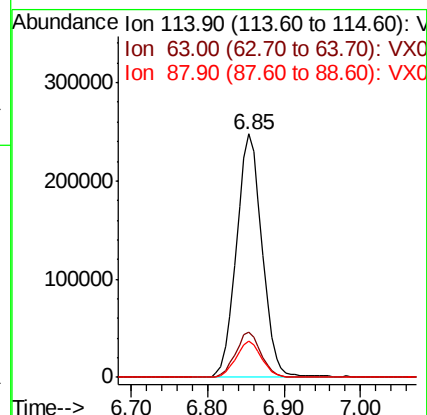
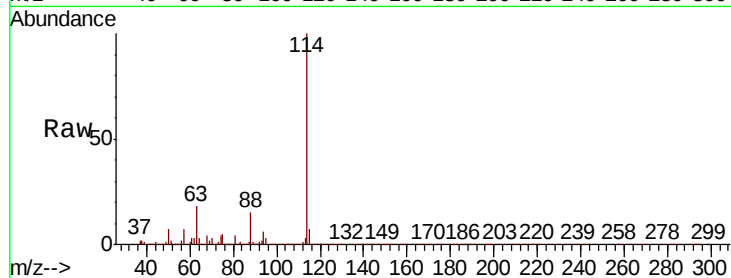
Instrument :

MSVOA_X

ClientSampleId :

390821768-TRIP-BLANK

Tgt Ion:	114	Resp:	572959
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.8
88	14.8	0.0	30.2



#35

Dibromofluoromethane

Concen: 47.648 ug/l

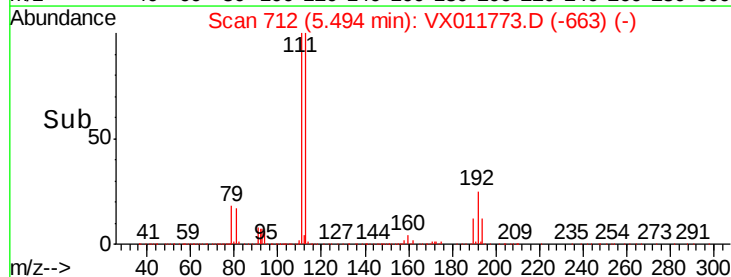
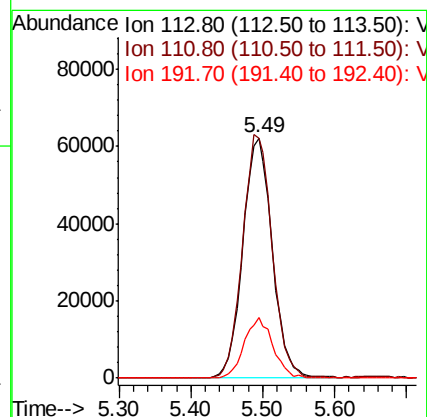
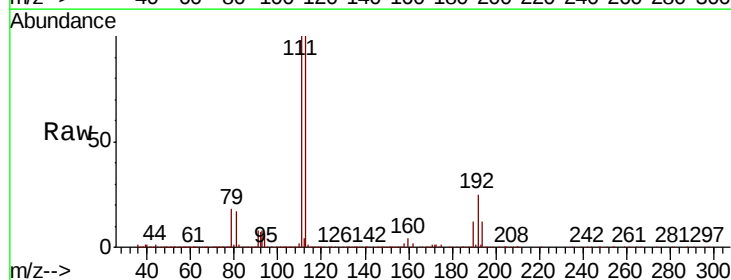
RT: 5.49 min Scan# 712

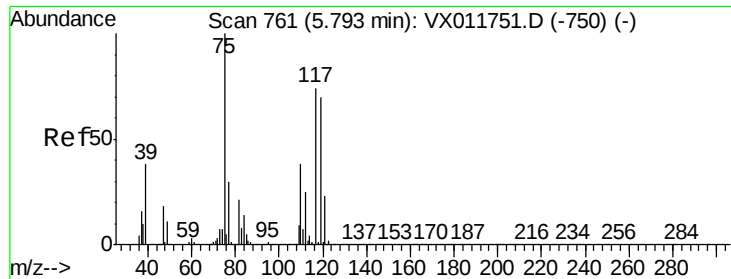
Delta R.T. -0.00 min

Lab File: VX011773.D

Acq: 22 Aug 2019 19:39

Tgt Ion:	113	Resp:	176535
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.0	121.4
192	24.5	19.9	29.9

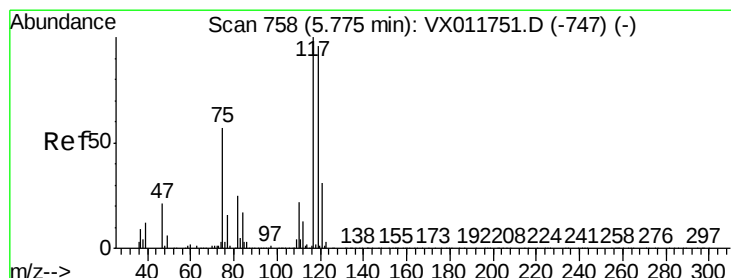
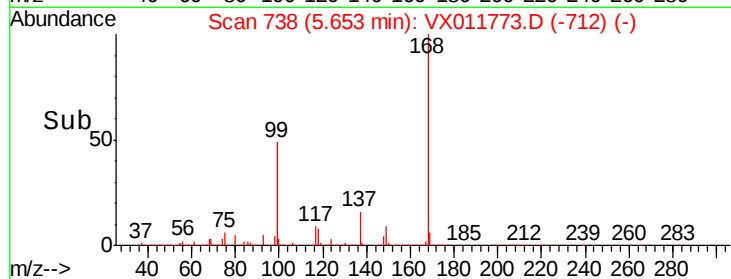
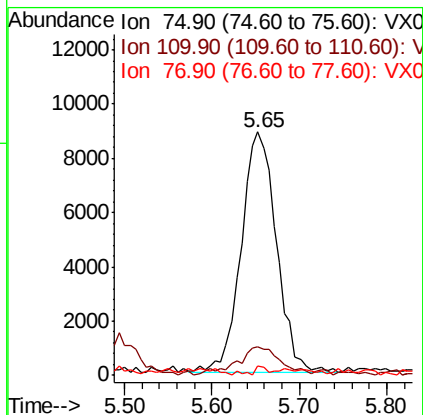
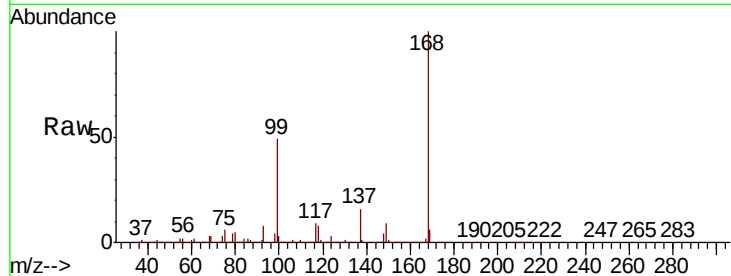




#36
 1,1-Dichloropropene
 Concen: 5.528 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011773.D
 Acq: 22 Aug 2019 19:39

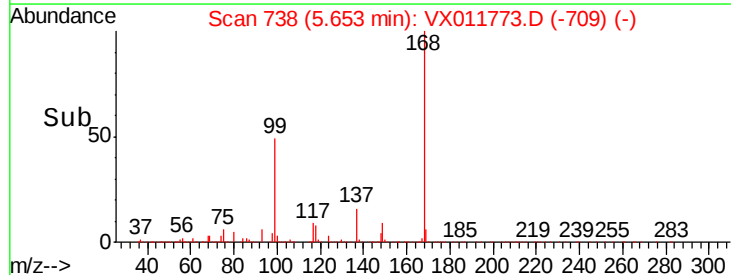
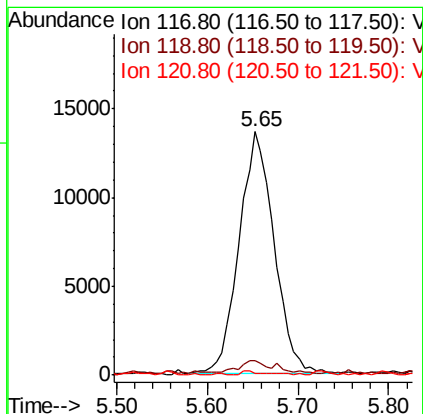
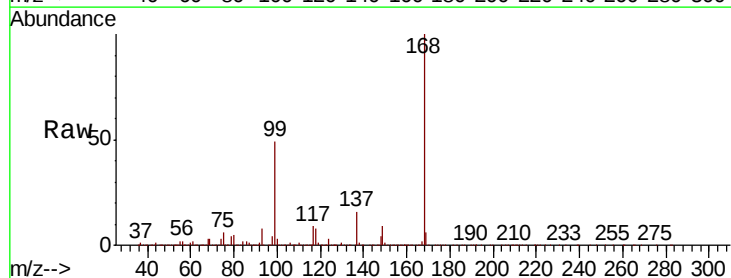
Instrument :
 MSVOA_X
 ClientSampleId :
 390821768-TRIP-BLANK

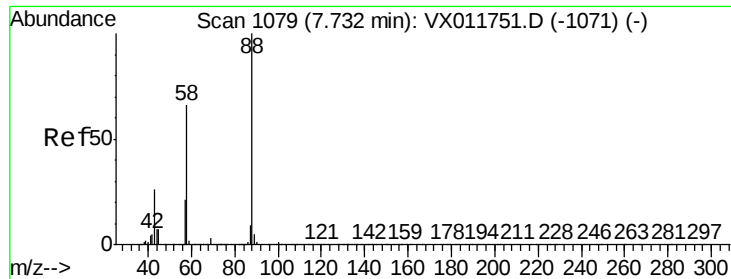
Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.5	19.0	57.0#
77	1.6	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 7.101 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.12 min
 Lab File: VX011773.D
 Acq: 22 Aug 2019 19:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.6	114.8#
121	0.3	25.2	37.8#

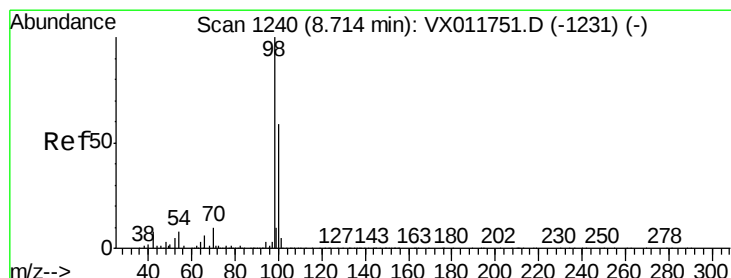
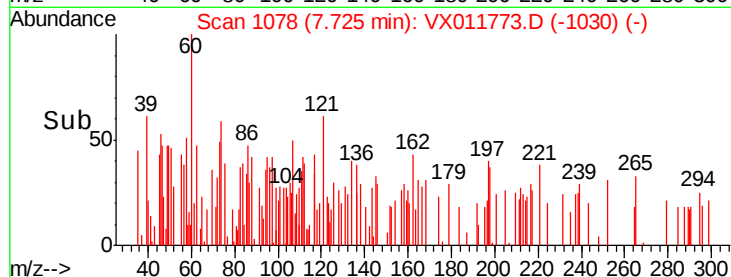
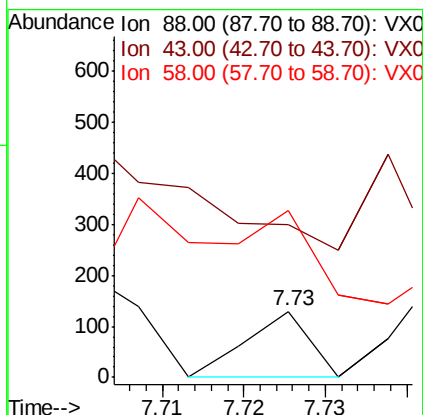
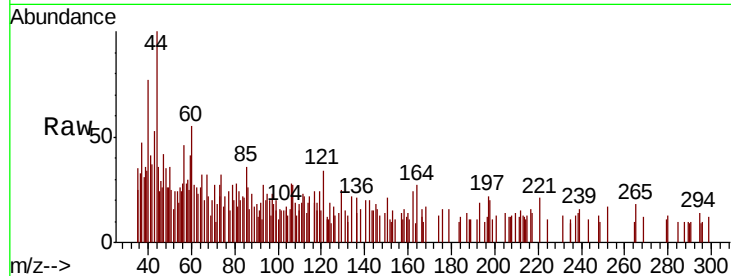




#49
1,4-Dioxane
Concen: 0.660 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.01 min
Lab File: VX011773.D
Acq: 22 Aug 2019 19:39

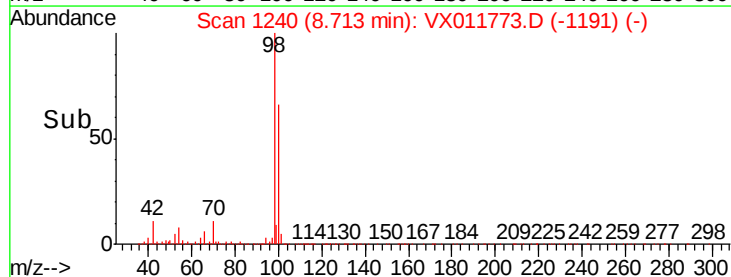
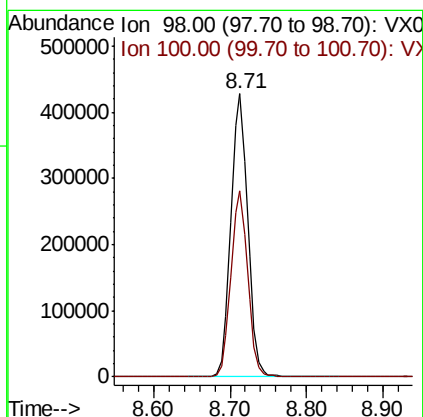
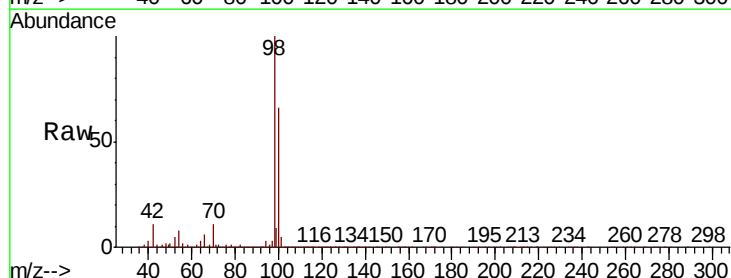
Instrument :
MSVOA_X
ClientSampleId :
390821768-TRIP-BLANK

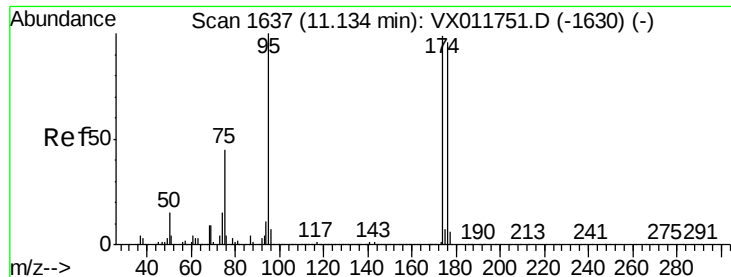
Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 0.0 24.6 37.0#
58 0.0 51.4 77.2#



#50
Toluene-d8
Concen: 50.770 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011773.D
Acq: 22 Aug 2019 19:39

Tgt Ion: 98 Resp: 656106
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 46.299 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011773.D

Acq: 22 Aug 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

390821768-TRIP-BLANK

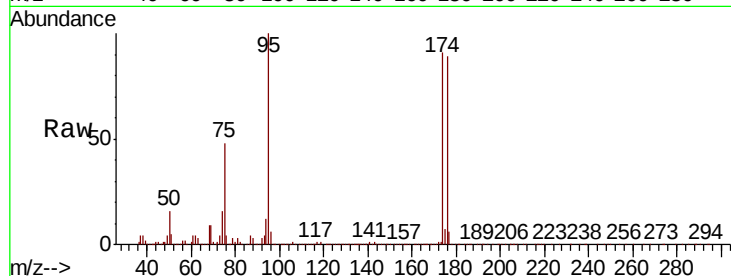
Tgt Ion: 95 Resp: 236496

Ion Ratio Lower Upper

95 100

174 95.9 0.0 197.4

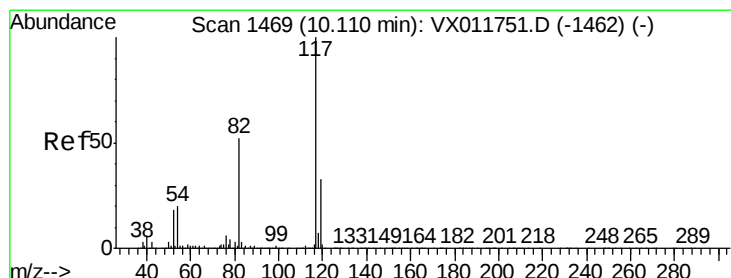
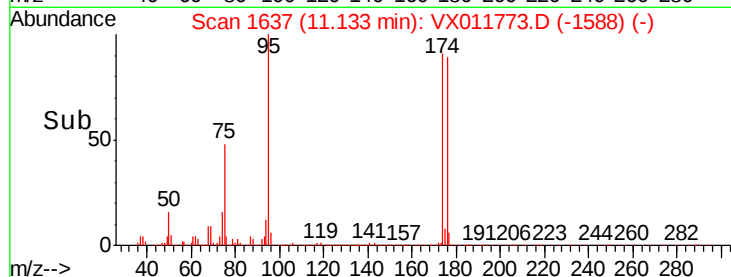
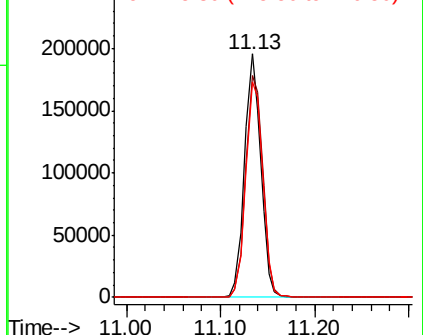
176 93.4 0.0 194.4



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011773.D

Acq: 22 Aug 2019 19:39

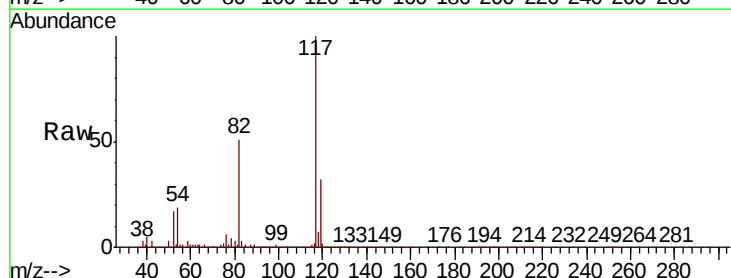
Tgt Ion: 117 Resp: 518958

Ion Ratio Lower Upper

117 100

82 51.3 41.7 62.5

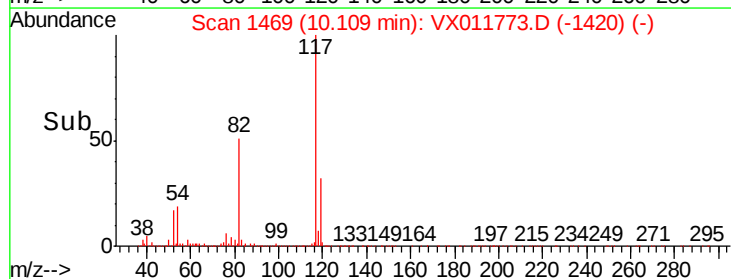
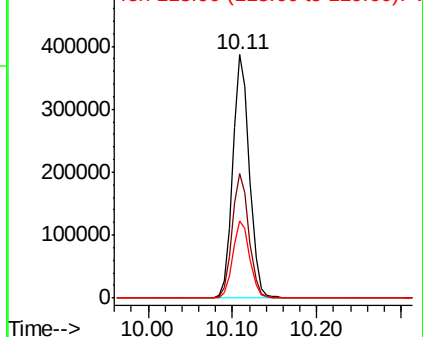
119 31.8 26.2 39.2

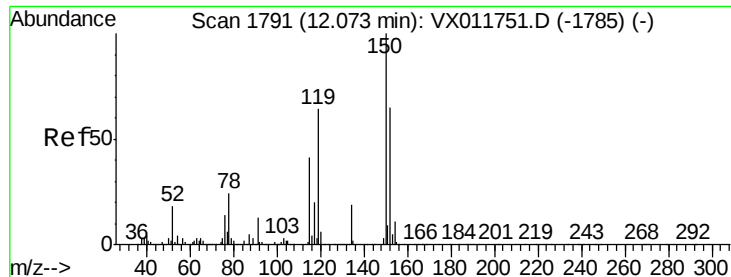


Abundance Ion 116.90 (116.60 to 117.60): V

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. 0.01 min

Lab File: VX011773.D

Acq: 22 Aug 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

390821768-TRIP-BLANK

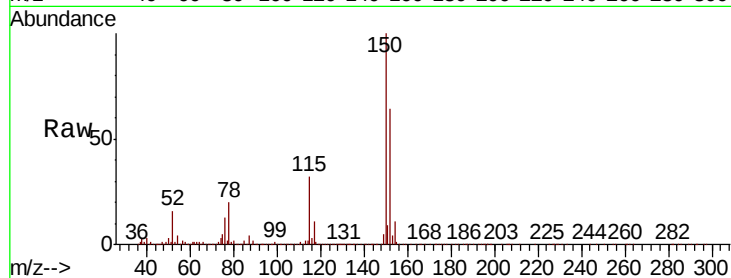
Tgt Ion: 152 Resp: 258879

Ion Ratio Lower Upper

152 100

115 54.2 37.3 111.8

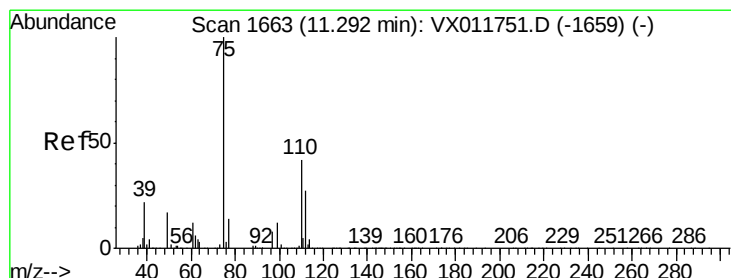
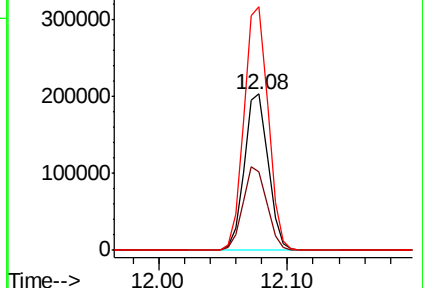
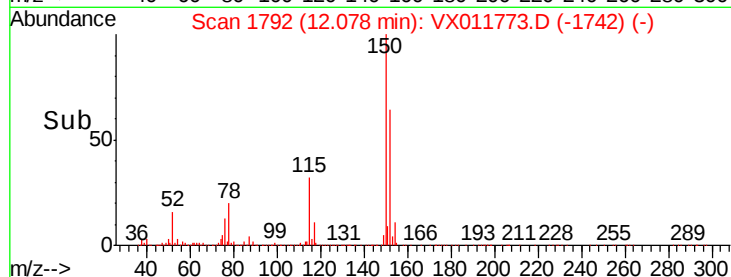
150 157.2 0.0 343.0



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: 24.909 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011773.D

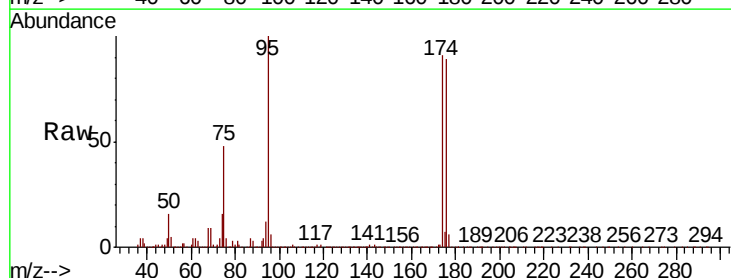
Acq: 22 Aug 2019 19:39

Tgt Ion: 75 Resp: 113149

Ion Ratio Lower Upper

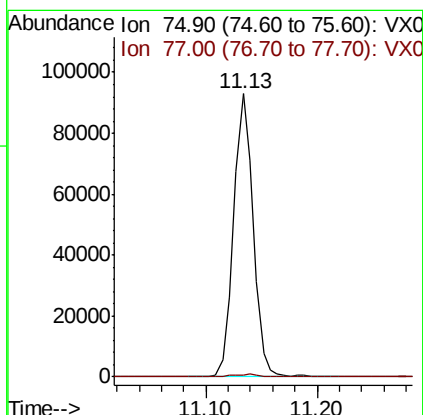
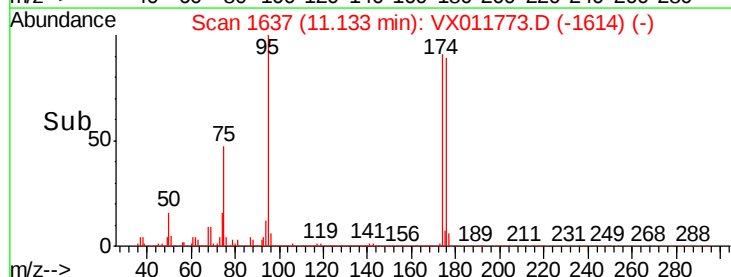
75 100

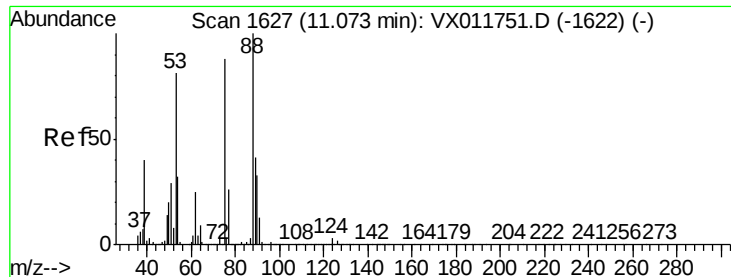
77 1.0 21.1 63.3#



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: 75.120 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011773.D

Acq: 22 Aug 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

390821768-TRIP-BLANK

Tgt Ion: 75 Resp: 113149

Ion Ratio Lower Upper

75 100

53 0.0 77.1 115.7#

89 0.1 38.5 57.7#

