

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
 Data File : VX009351.D
 Acq On : 06 May 2019 15:28
 Operator : JC/SP
 Sample : K2703-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 07 06:36:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297433	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102628	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	121935	48.56	ug/l	0.00
Spiked Amount						
			Recovery	=	97.12%	
35) Dibromofluoromethane	5.50	113	90967	48.65	ug/l	0.00
Spiked Amount						
			Recovery	=	97.30%	
50) Toluene-d8	8.71	98	368423	48.81	ug/l	0.00
Spiked Amount						
			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.13	95	118020	43.03	ug/l	0.00
Spiked Amount						
			Recovery	=	86.06%	

Target Compounds

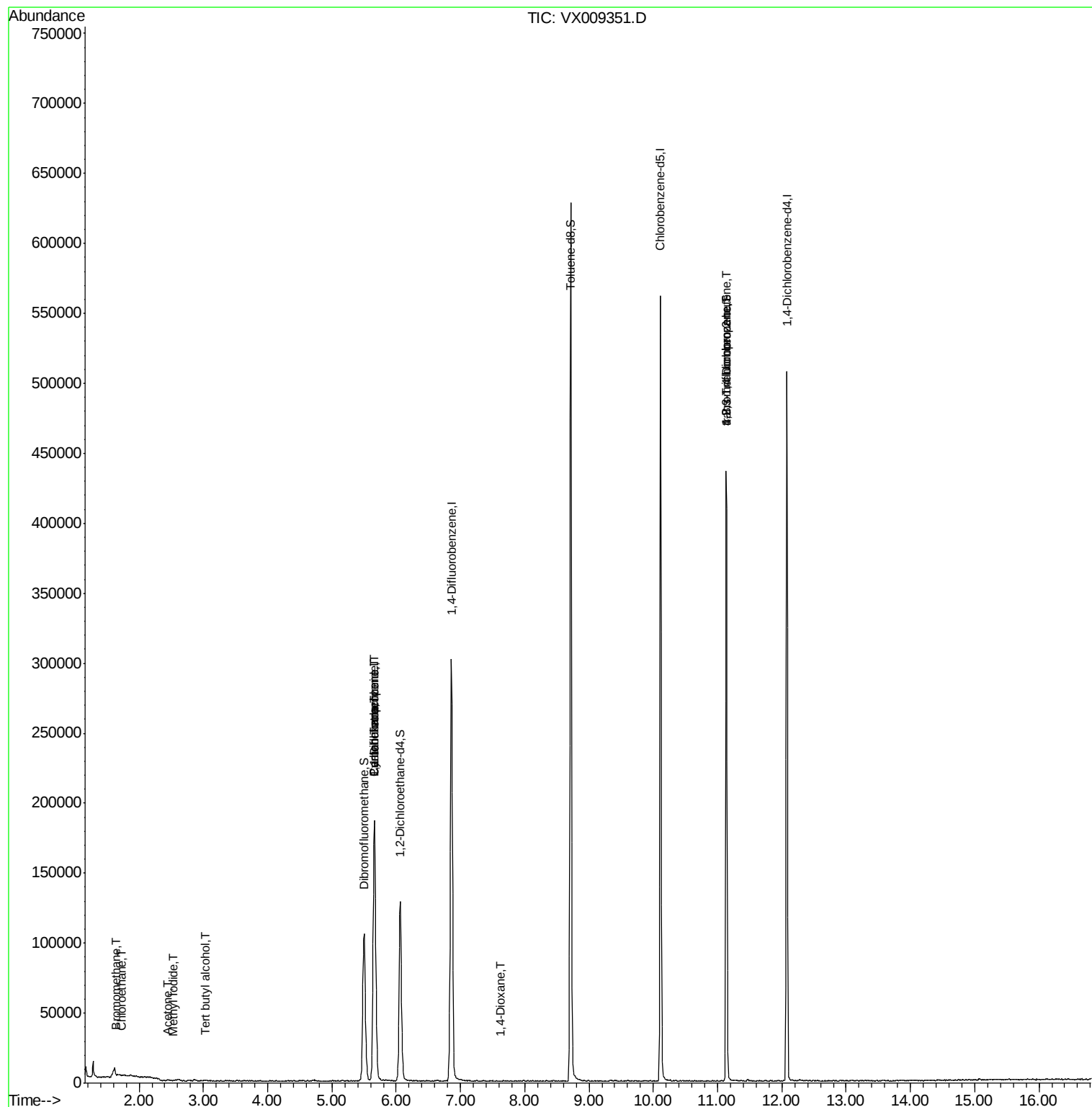
					Qvalue	
5) Bromomethane	1.65	94	291	0.215	ug/l #	61
6) Chloroethane	1.73	64	379	0.262	ug/l #	56
10) Methyl Iodide	2.52	142	142	4.658	ug/l #	42
11) Tert butyl alcohol	3.03	59	601	1.034	ug/l #	73
16) Acetone	2.44	43	789	0.585	ug/l #	79
28) Bromochloromethane	5.03	49	19	Below Cal	#	20
31) Cyclohexane	5.65	56	4214	1.135	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13871	5.018	ug/l #	51
38) Carbon Tetrachloride	5.66	117	17633	7.021	ug/l #	15
49) 1,4-Dioxane	7.62	88	41	0.662	ug/l #	20
76) 1,2,3-Trichloropropane	11.13	75	60204	25.289	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	60204	64.707	ug/l #	10

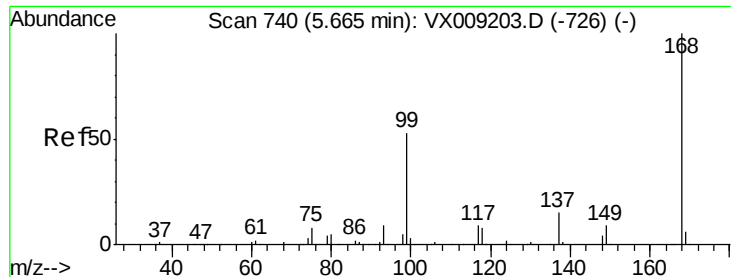
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050619\
Data File : VX009351.D
Acq On : 06 May 2019 15:28
Operator : JC/SP
Sample : K2703-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Quant Time: May 07 06:36:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Sat May 04 07:18:36 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: VX009351.D

Acq: 06 May 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

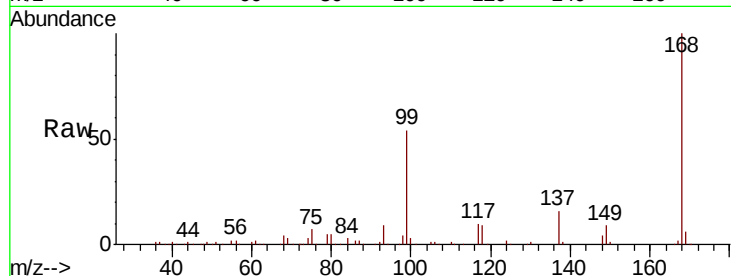
TRIP-BLANK

Tot Ion:168 Resp: 183940

Ion Ratio Lower Upper

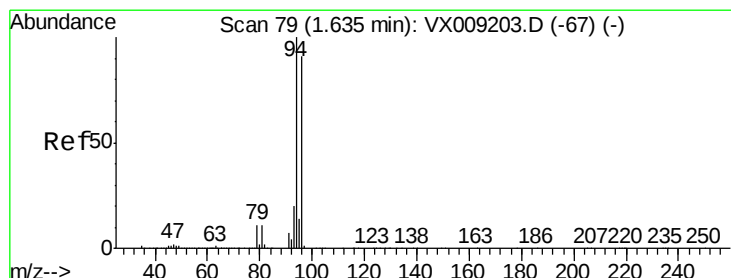
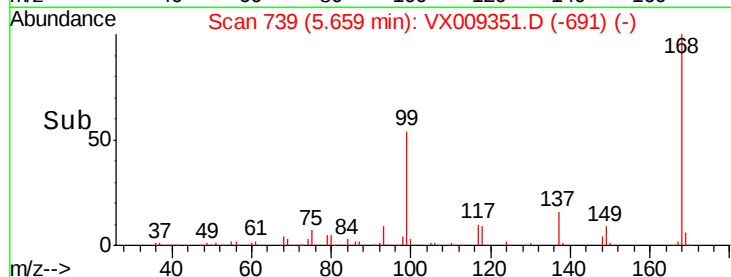
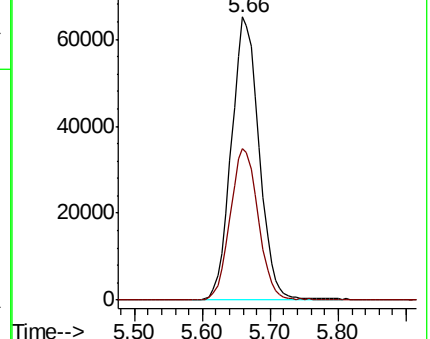
168 100

99 53.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.215 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX009351.D

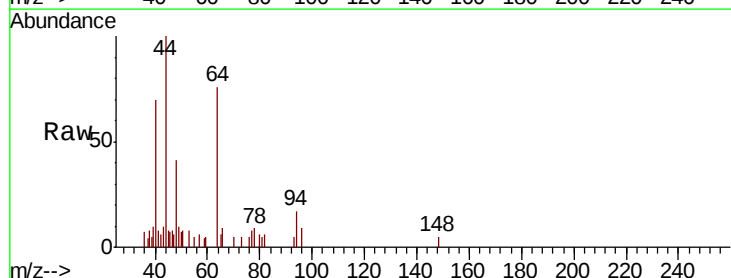
Acq: 06 May 2019 15:28

Tgt Ion: 94 Resp: 291

Ion Ratio Lower Upper

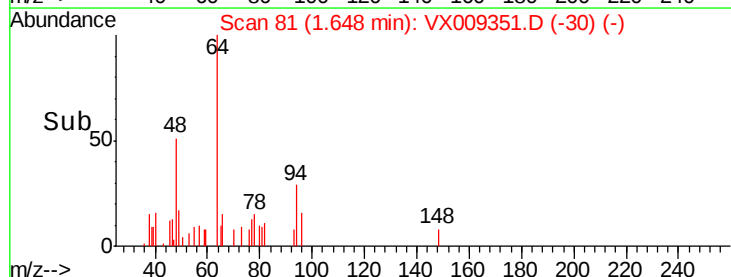
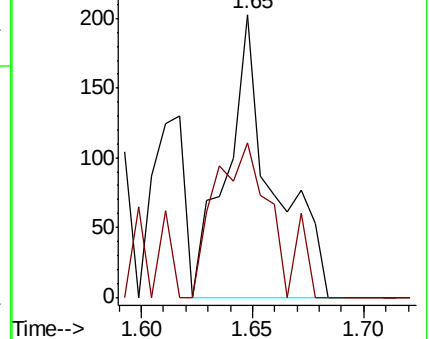
94 100

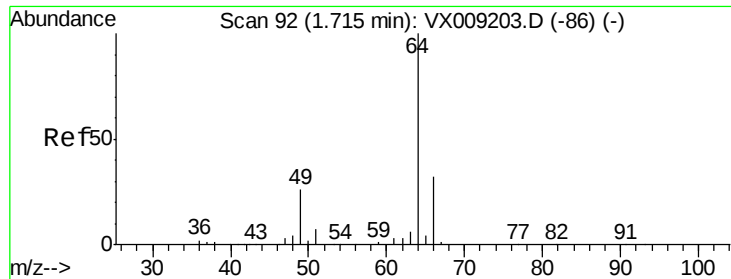
96 54.7 73.0 109.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.262 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX009351.D

Acq: 06 May 2019 15:28

Instrument :

MSVOA_X

ClientSampled :

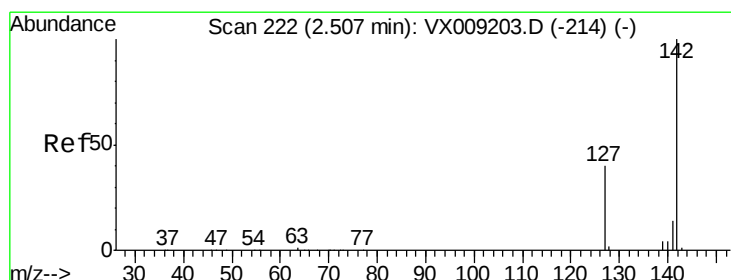
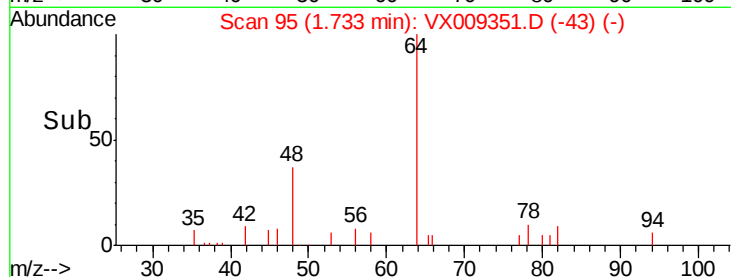
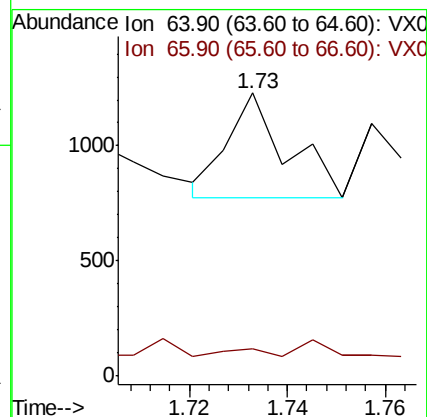
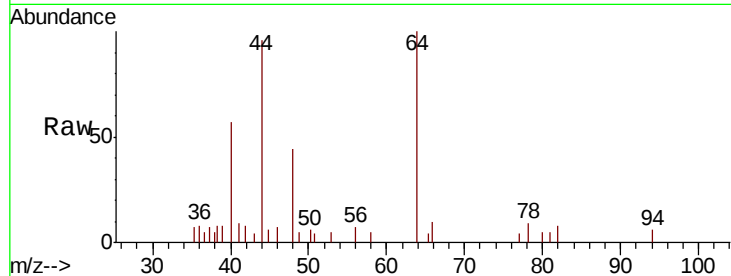
TRIP-BLANK

Tot Ion: 64 Resp: 379

Ion Ratio Lower Upper

64 100

66 7.1 25.3 37.9#



#10

Methyl Iodide

Concen: 4.658 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX009351.D

Acq: 06 May 2019 15:28

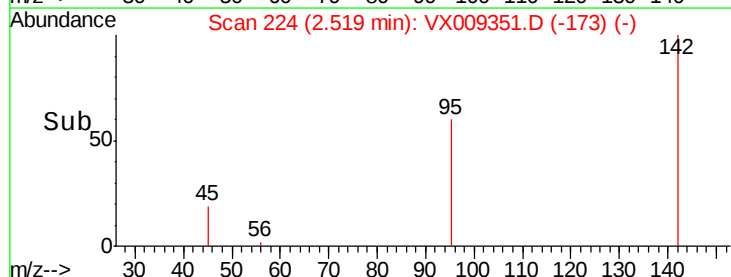
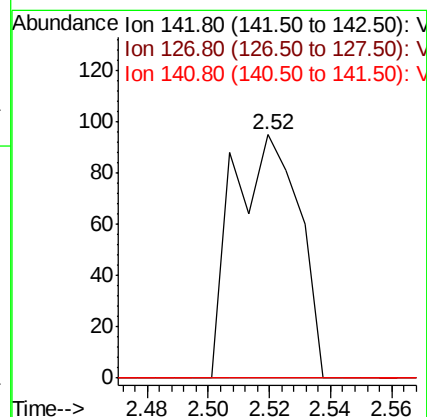
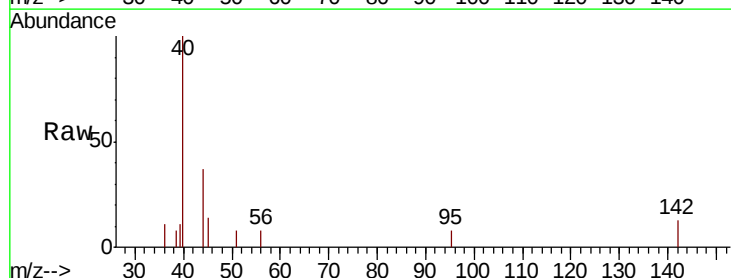
Tgt Ion: 142 Resp: 142

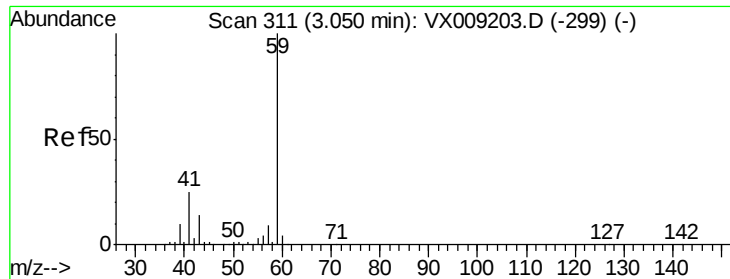
Ion Ratio Lower Upper

142 100

127 0.0 32.7 49.1#

141 0.0 11.5 17.3#

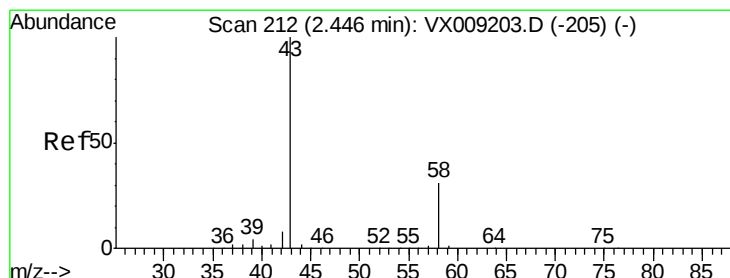
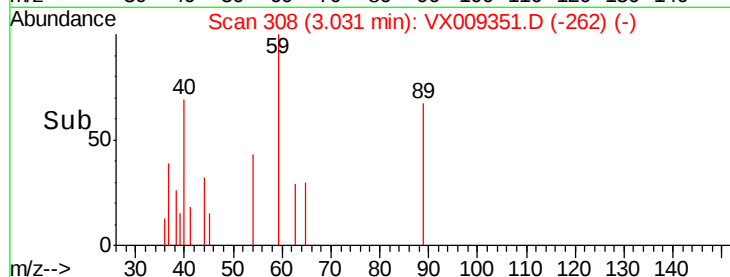
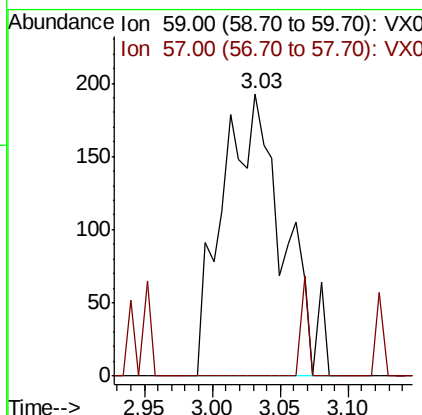
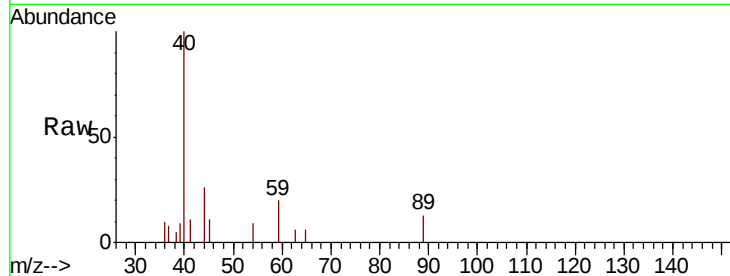




#11
Tert butyl alcohol
Concen: 1.034 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX009351.D
Acq: 06 May 2019 15:28

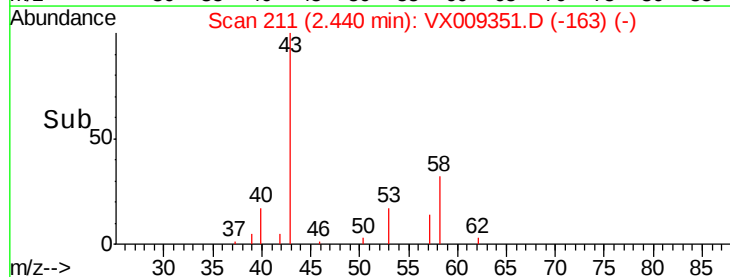
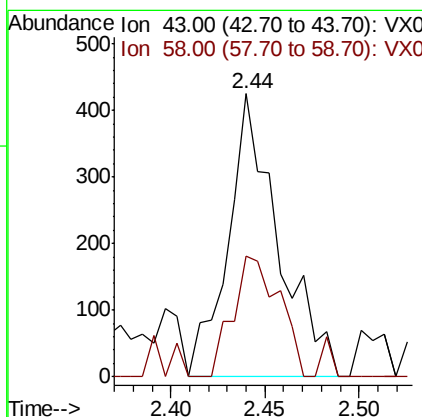
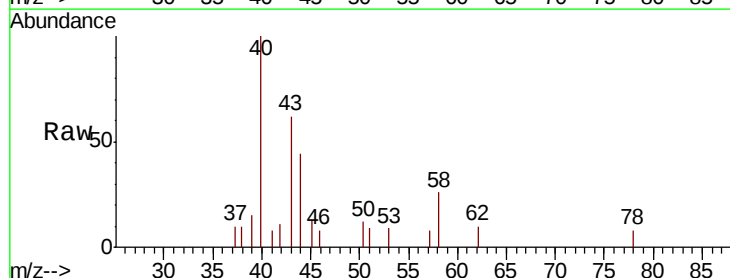
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

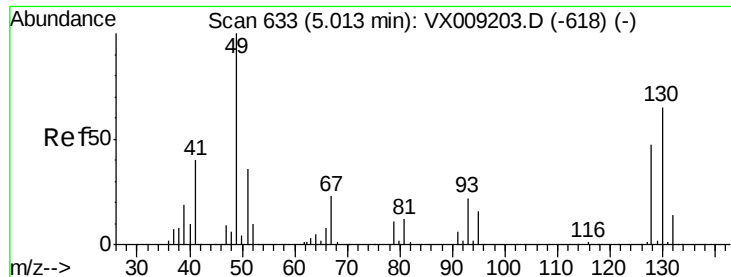
Tot Ion: 59 Resp: 601
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 0.585 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009351.D
Acq: 06 May 2019 15:28

Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
58 42.6 24.9 37.3#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 636

Delta R.T. 0.02 min

Lab File: VX009351.D

Acq: 06 May 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

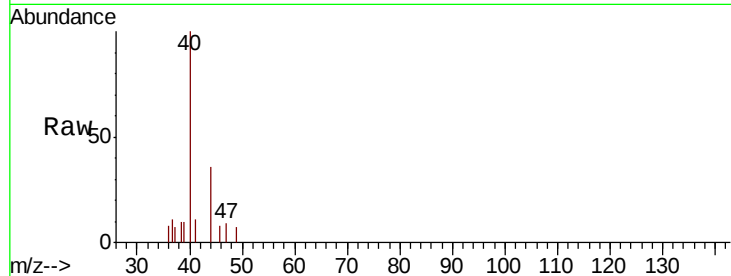
Tot Ion: 49 Resp: 19

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

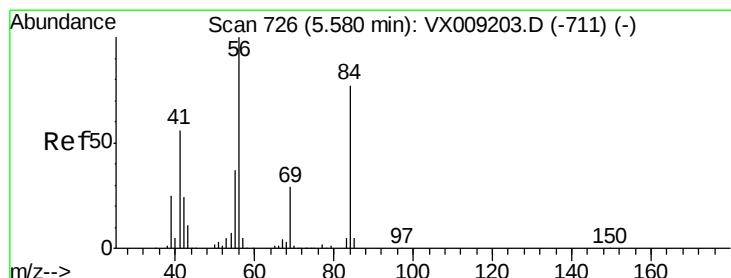
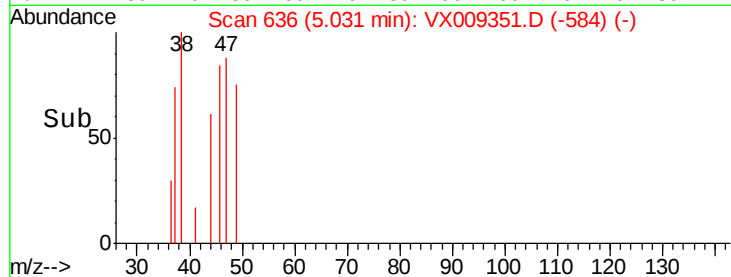
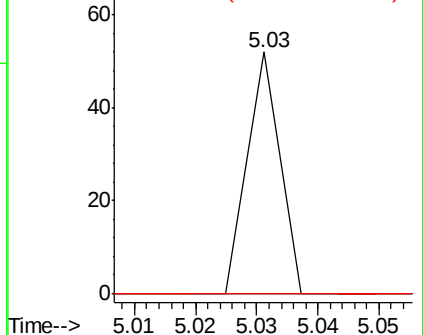
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 1.135 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.07 min

Lab File: VX009351.D

Acq: 06 May 2019 15:28

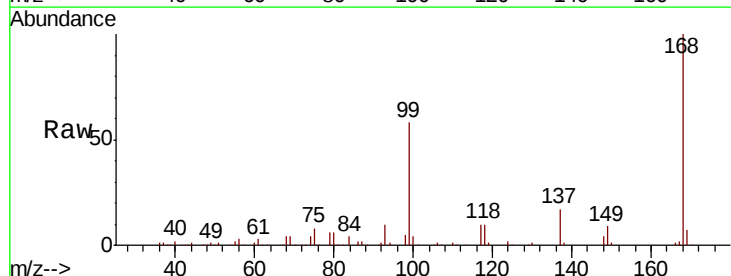
Tgt Ion: 56 Resp: 4214

Ion Ratio Lower Upper

56 100

69 149.1 23.4 35.0#

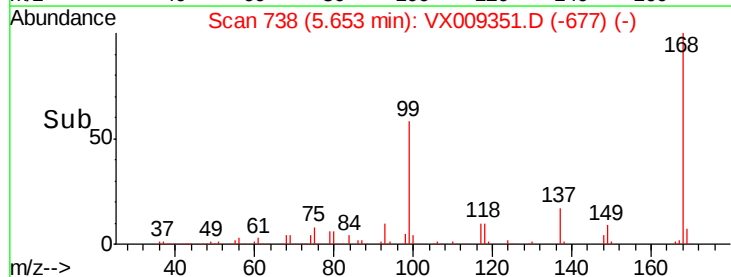
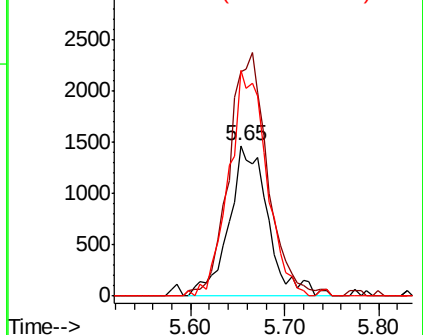
84 150.6 61.9 92.9#



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: 48.560 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009351.D

Acq: 06 May 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

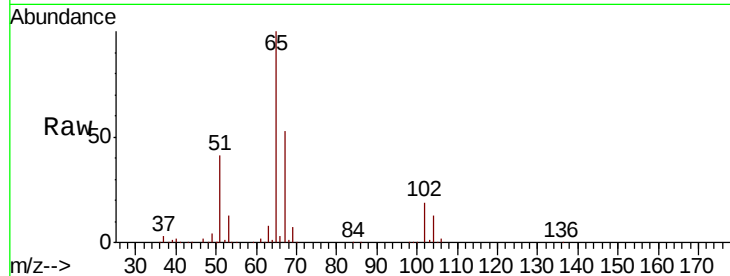
TRIP-BLANK

Tot Ion: 65 Resp: 121935

Ion Ratio Lower Upper

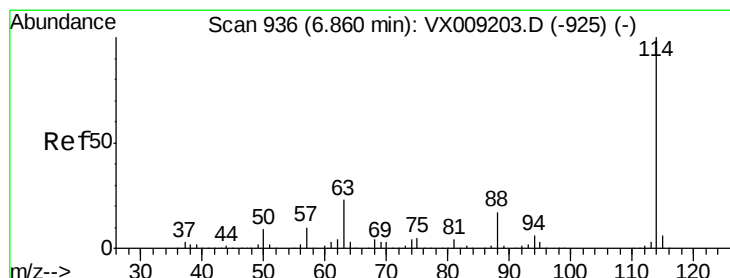
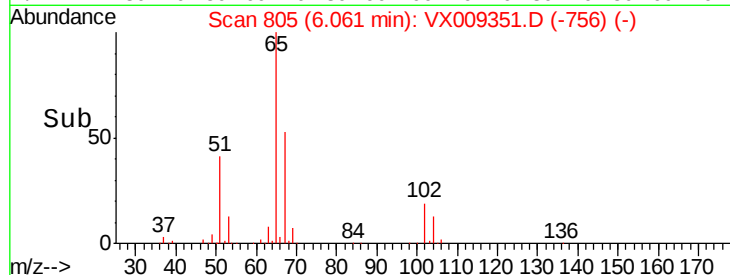
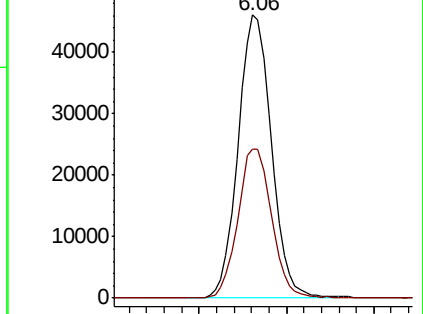
65 100

67 53.5 0.0 106.6



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009351.D

Acq: 06 May 2019 15:28

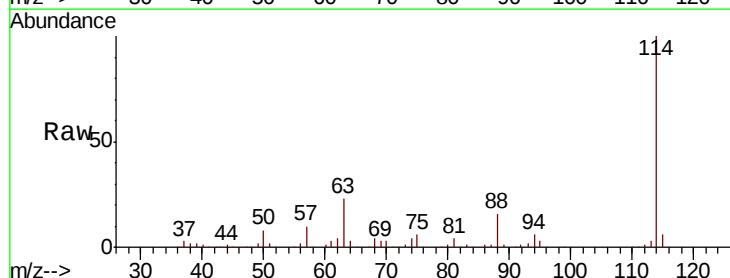
Tgt Ion: 114 Resp: 297433

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

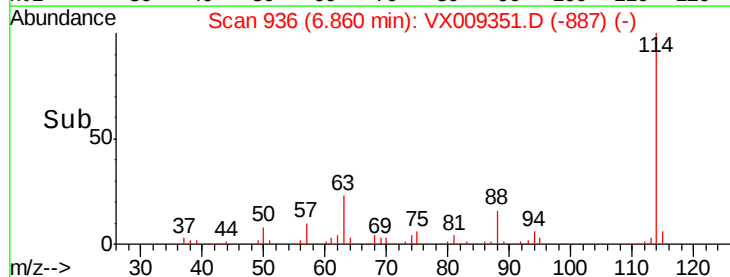
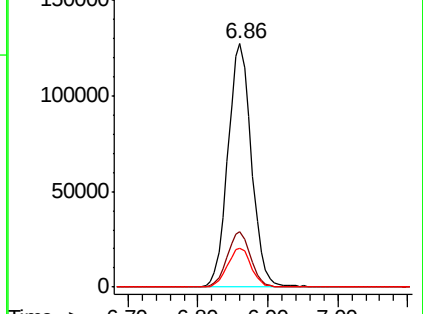
88 16.0 0.0 33.2

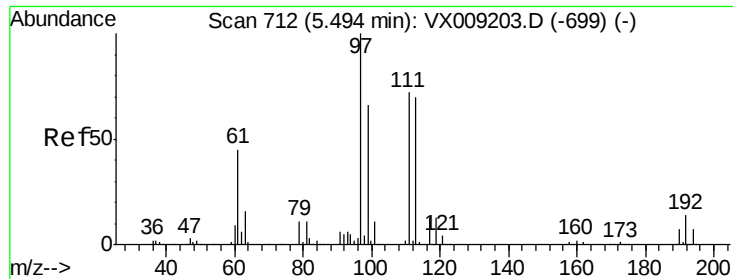


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

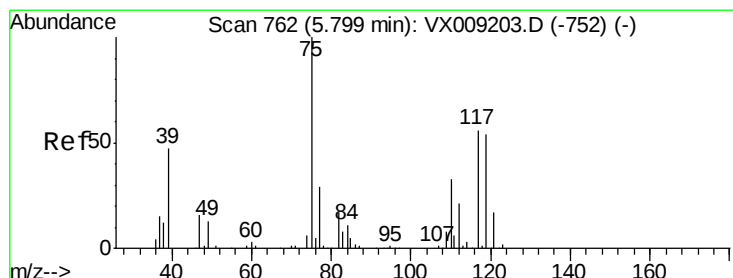
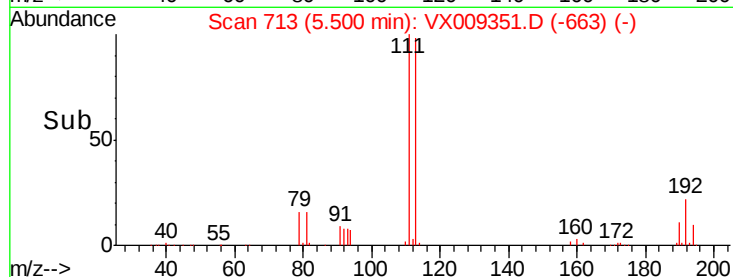
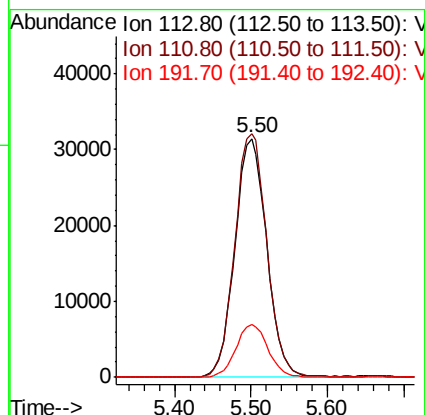
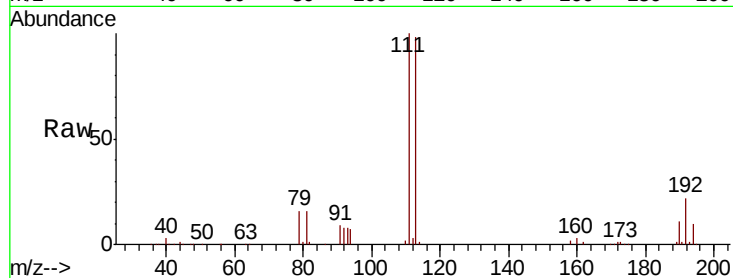




#35
 Dibromofluoromethane
 Concen: 48.651 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009351.D
 Acq: 06 May 2019 15:28

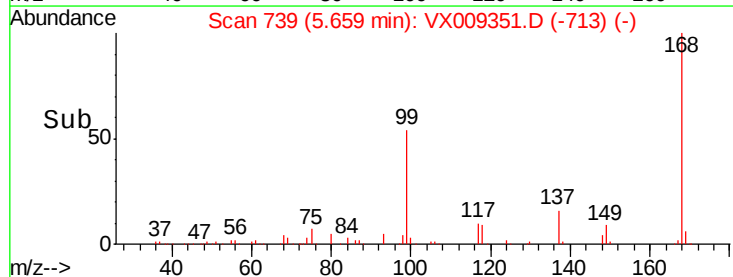
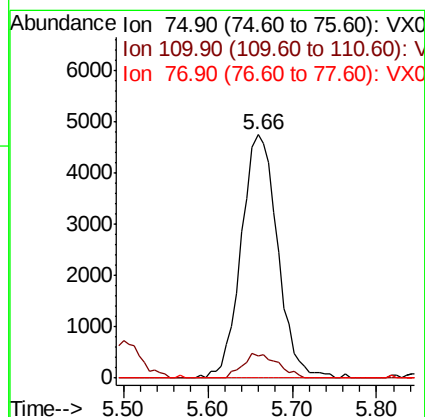
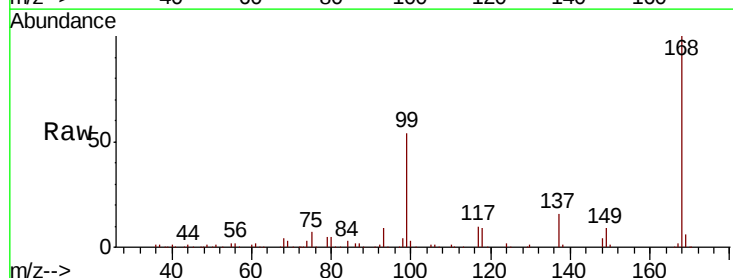
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

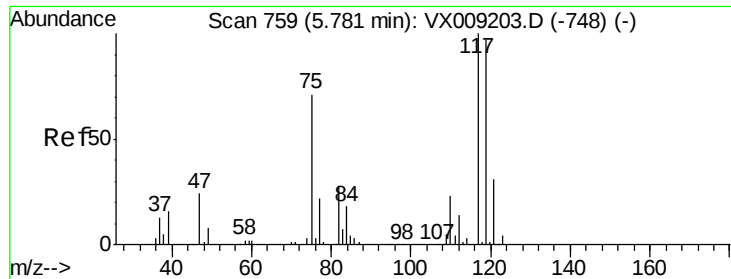
Tot Ion:113 Resp: 90967
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.8 124.2
 192 22.3 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.018 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009351.D
 Acq: 06 May 2019 15:28

Tgt Ion: 75 Resp: 13871
 Ion Ratio Lower Upper
 75 100
 110 9.7 16.9 50.6#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 7.021 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009351.D

Acq: 06 May 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

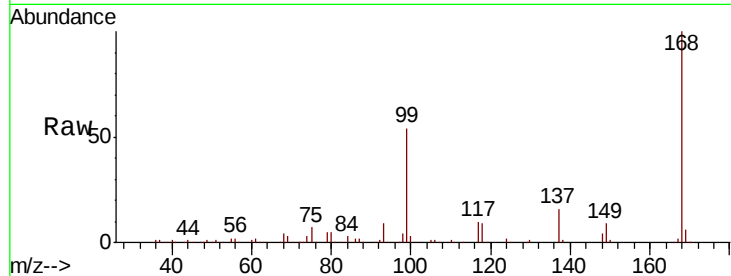
Tot Ion:117 Resp: 17633

Ion Ratio Lower Upper

117 100

119 4.8 77.5 116.3#

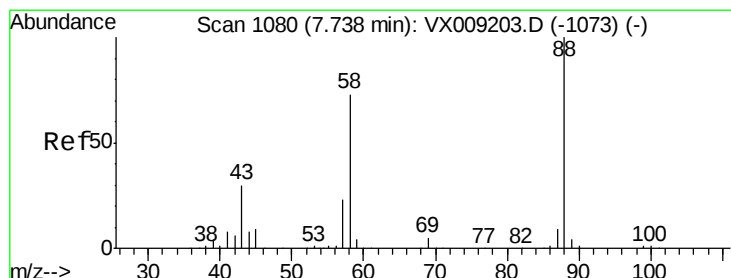
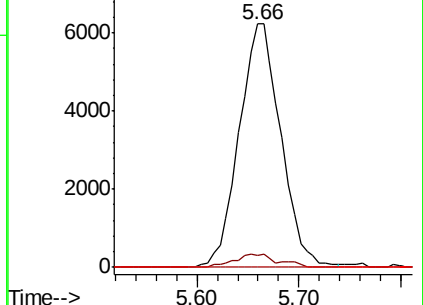
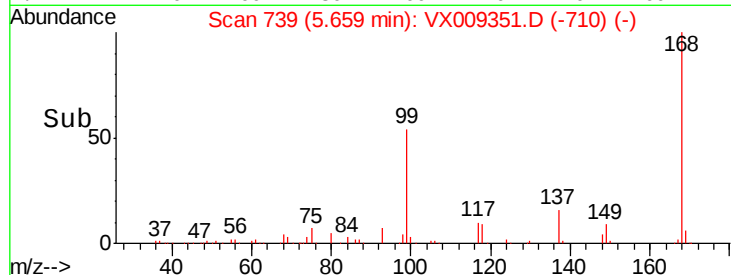
121 0.0 24.7 37.1#



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



#49

1,4-Dioxane

Concen: 0.662 ug/l

RT: 7.62 min Scan# 1060

Delta R.T. -0.12 min

Lab File: VX009351.D

Acq: 06 May 2019 15:28

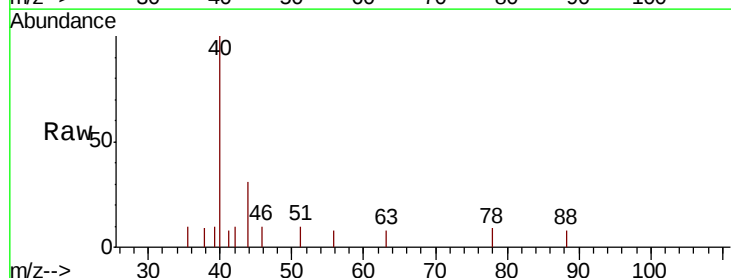
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

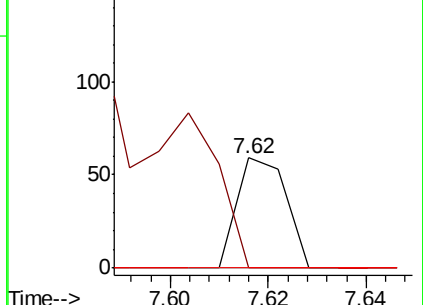
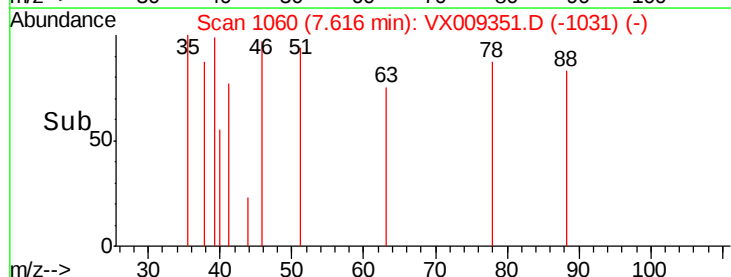
58 0.0 61.7 92.5#

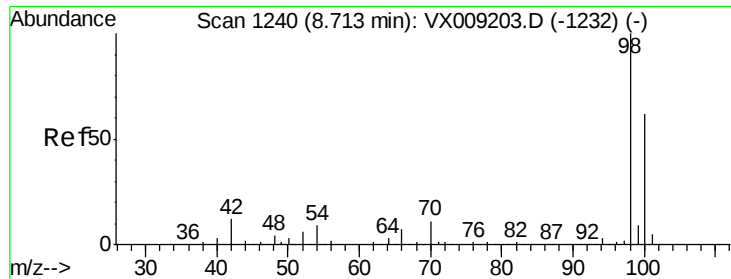


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

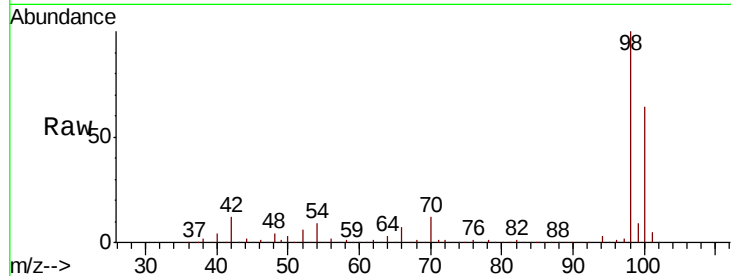




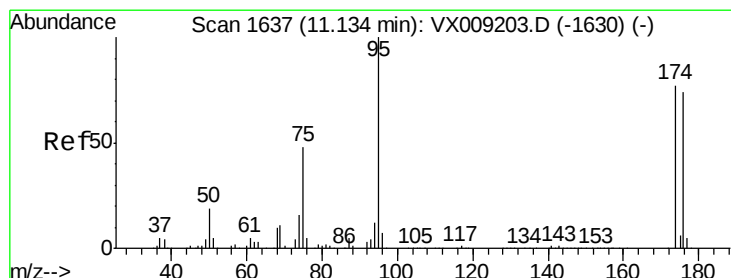
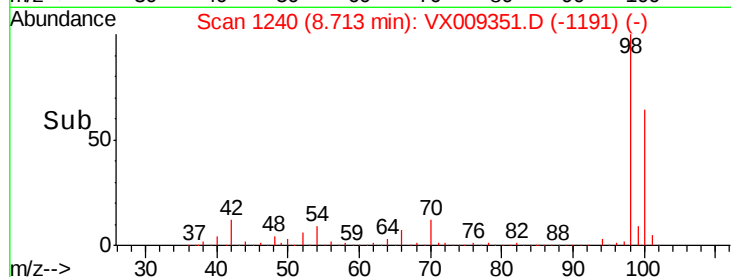
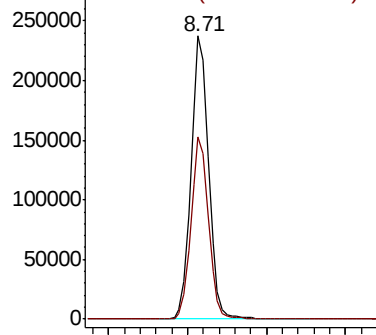
#50
Toluene-d8
Concen: 48.806 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009351.D
Acq: 06 May 2019 15:28

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

Tot Ion: 98 Resp: 368423
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8

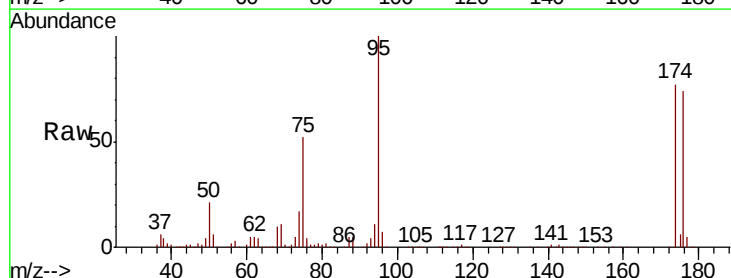


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

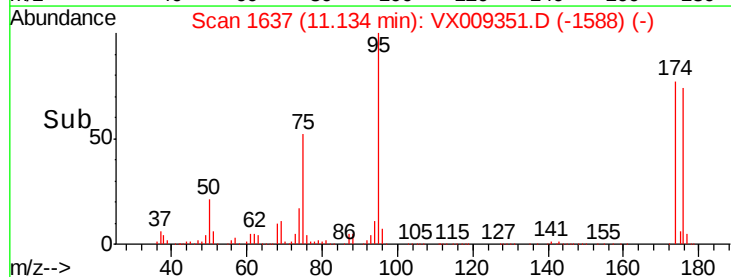
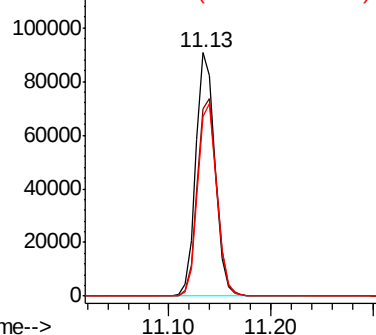


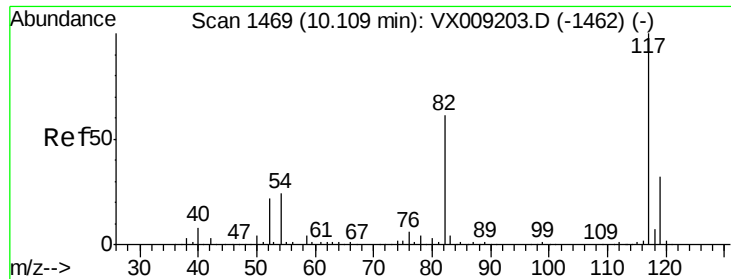
#62
4-Bromofluorobenzene
Concen: 43.027 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009351.D
Acq: 06 May 2019 15:28

Tgt Ion: 95 Resp: 118020
Ion Ratio Lower Upper
95 100
174 82.5 0.0 161.6
176 79.2 0.0 159.2



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

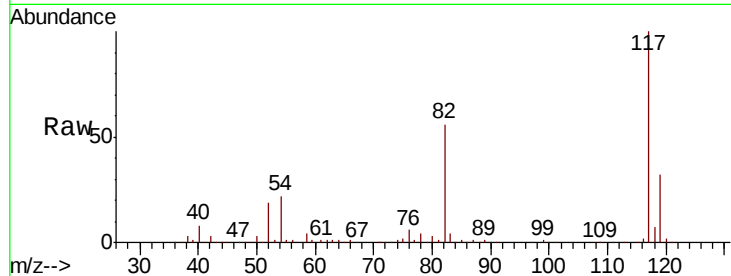




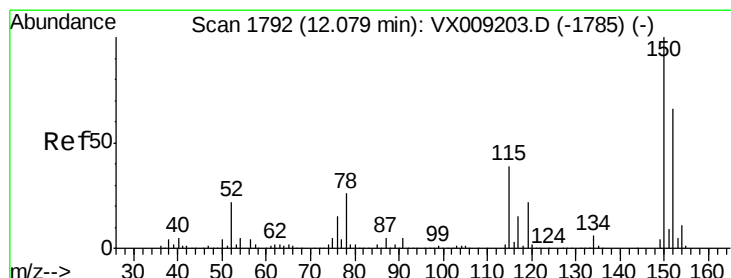
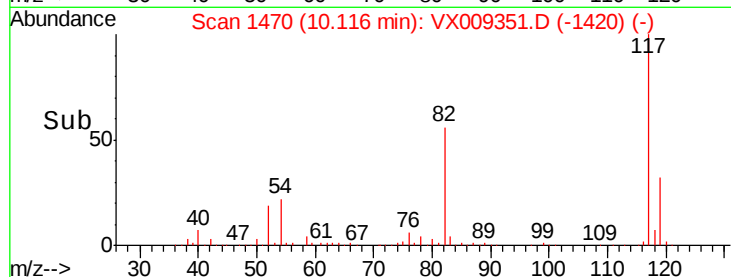
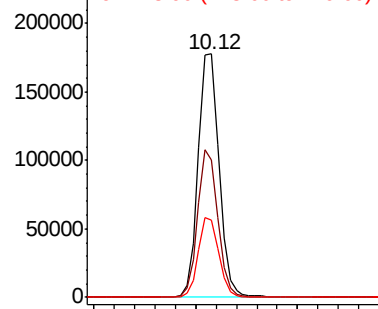
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009351.D
Acq: 06 May 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 253520
Ion Ratio Lower Upper
117 100
82 56.5 48.8 73.2
119 31.6 25.8 38.6

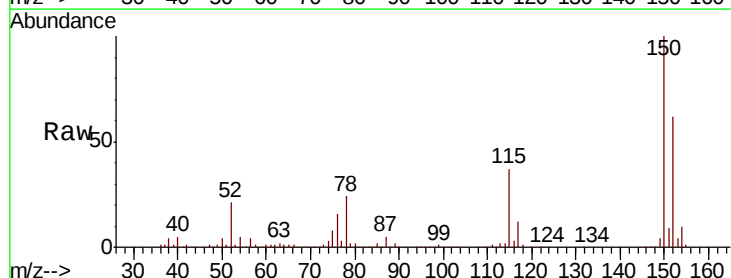


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

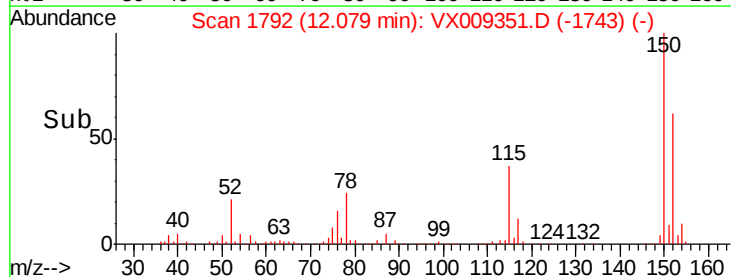
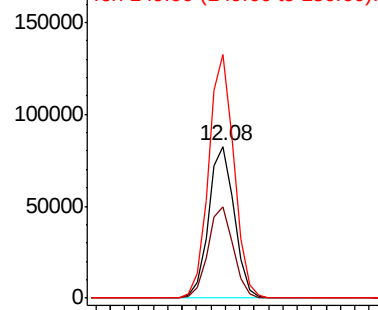


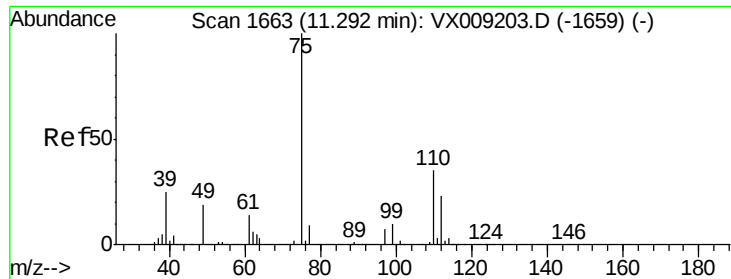
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009351.D
Acq: 06 May 2019 15:28

Tgt Ion:152 Resp: 102628
Ion Ratio Lower Upper
152 100
115 59.5 41.2 123.6
150 159.1 0.0 346.4



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





#76

1,2,3-Trichloropropane

Concen: 25.289 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009351.D

Acq: 06 May 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

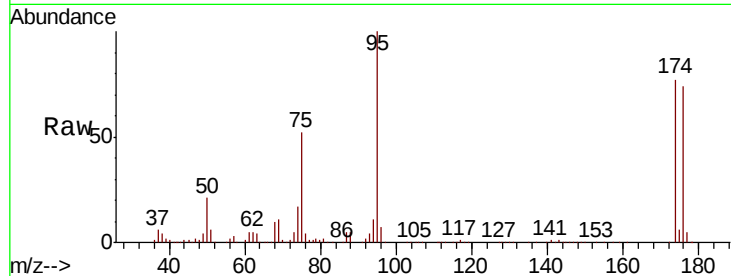
TRIP-BLANK

Tot Ion: 75 Resp: 60204

Ion Ratio Lower Upper

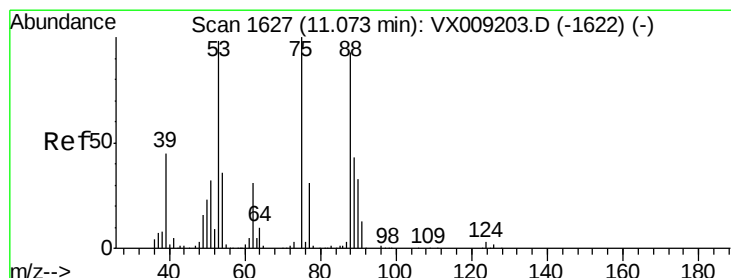
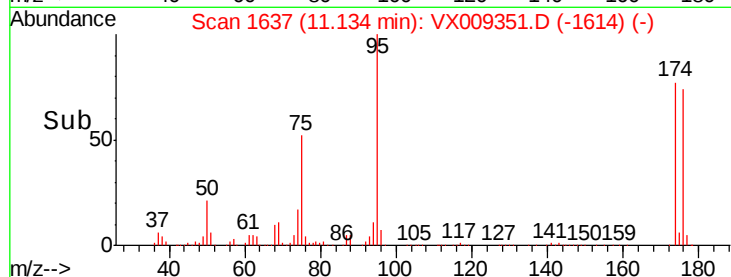
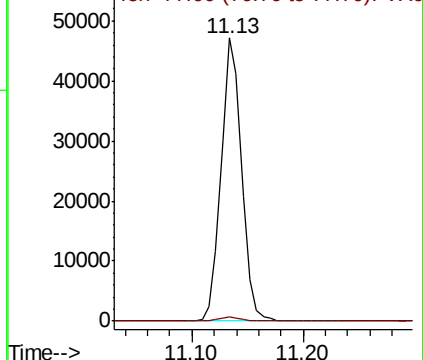
75 100

77 1.6 22.1 66.1#



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: 64.707 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009351.D

Acq: 06 May 2019 15:28

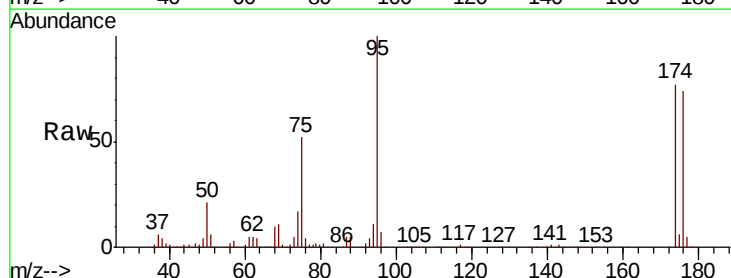
Tgt Ion: 75 Resp: 60204

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.1 34.7 52.1#



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

