

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050619\
 Data File : VX009355.D
 Acq On : 06 May 2019 17:02
 Operator : JC/SP
 Sample : K2675-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-TB1

Quant Time: May 07 06:37:08 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	185502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108362	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	121787	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
35) Dibromofluoromethane	5.50	113	91723	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
50) Toluene-d8	8.71	98	371778	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	11.13	95	120695	43.62	ug/l	0.00
Spiked Amount			Recovery	=	87.24%	

Target Compounds

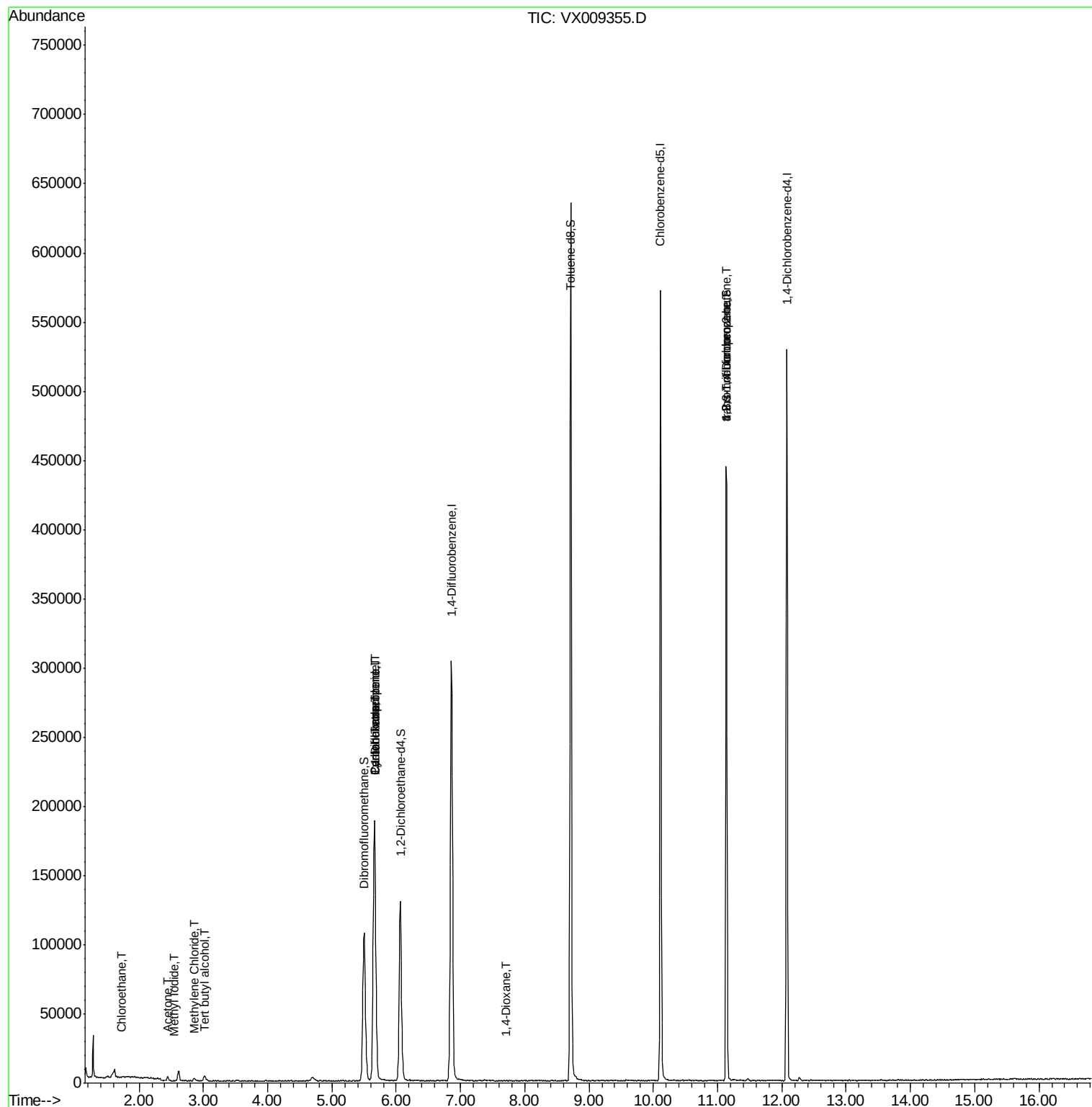
					Qvalue	
6) Chloroethane	1.72	64	315	0.216	ug/l #	43
10) Methyl Iodide	2.53	142	42	4.613	ug/l #	77
11) Tert butyl alcohol	3.02	59	2535	4.325	ug/l #	75
16) Acetone	2.45	43	2955	2.173	ug/l	99
20) Methylene Chloride	2.85	84	836	0.380	ug/l #	84
28) Bromochloromethane	5.07	49	21	Below Cal	#	20
31) Cyclohexane	5.66	56	4147	1.108	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13845	4.965	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17231	6.801	ug/l #	16
49) 1,4-Dioxane	7.71	88	20	0.320	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	61527	24.478	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	61527	62.629	ug/l #	10

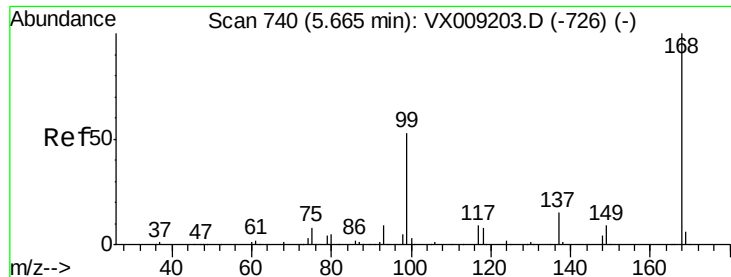
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 07 06:37:08 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# 740

Delta R.T. -0.00 min

Lab File: VX009355.D

Acq: 06 May 2019 17:02

Instrument :

MSVOA_X

ClientSampleId :

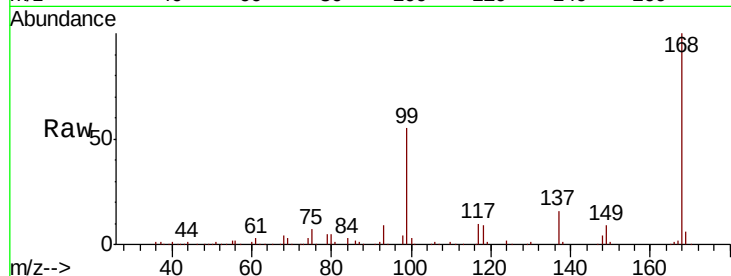
OUTFALL001-TB1

Tot Ion:168 Resp: 185502

Ion Ratio Lower Upper

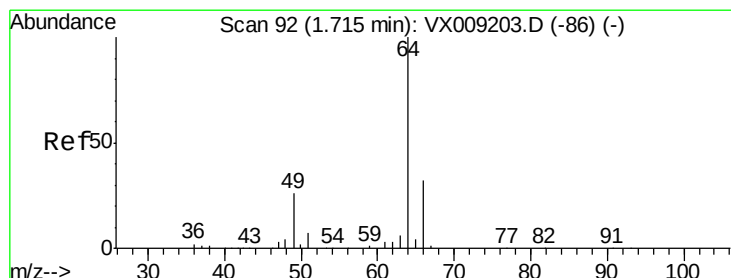
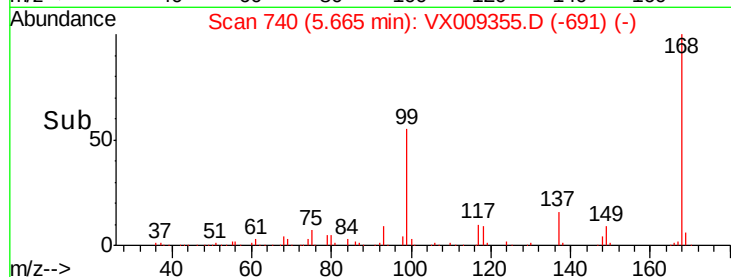
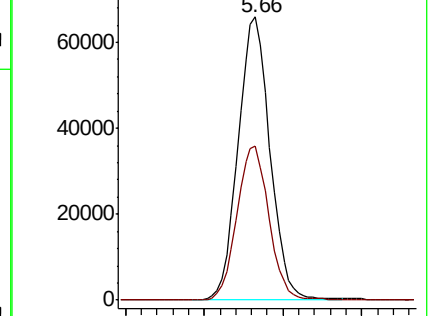
168 100

99 54.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.216 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009355.D

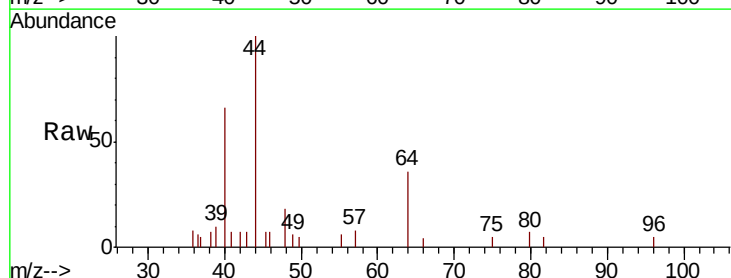
Acq: 06 May 2019 17:02

Tgt Ion: 64 Resp: 315

Ion Ratio Lower Upper

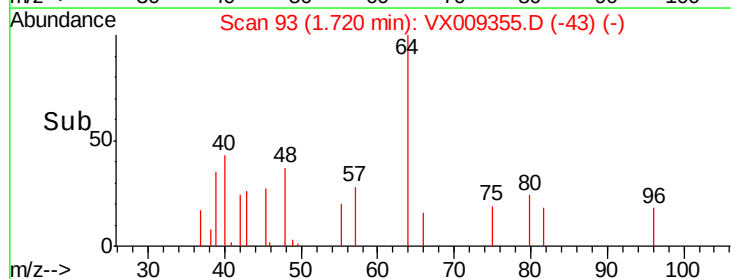
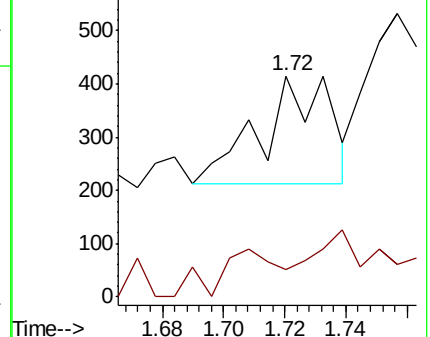
64 100

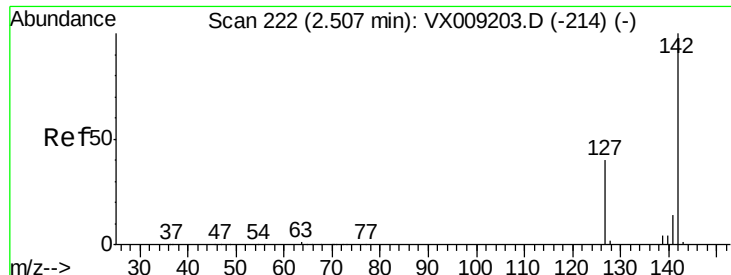
66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

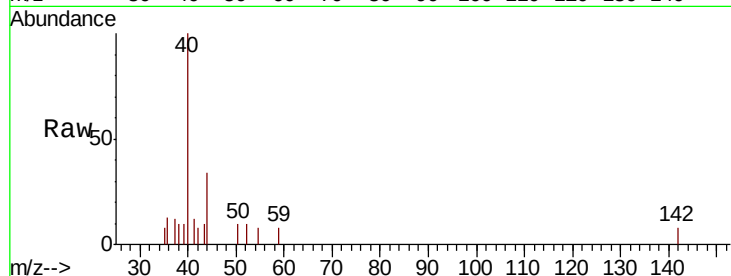




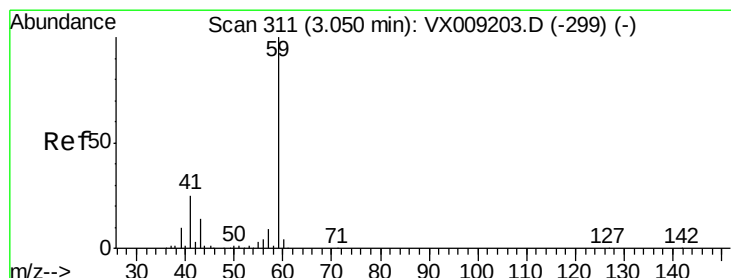
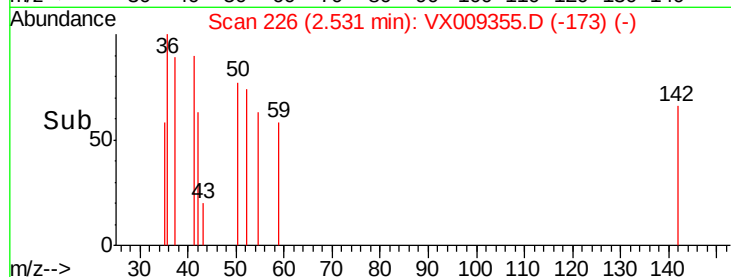
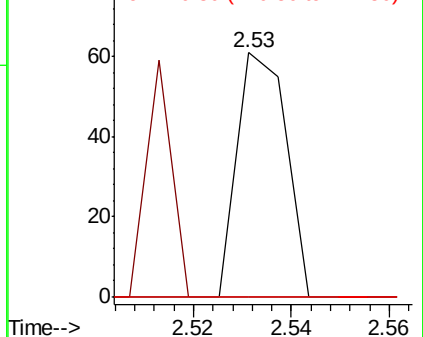
#10
Methvl Iodide
Concen: 4.613 ug/l
RT: 2.53 min Scan# 226
Delta R.T. 0.02 min
Lab File: VX009355.D
Acq: 06 May 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-TB1

Tot Ion:142 Resp: 42
Ion Ratio Lower Upper
142 100
127 52.4 32.7 49.1#
141 0.0 11.5 17.3#

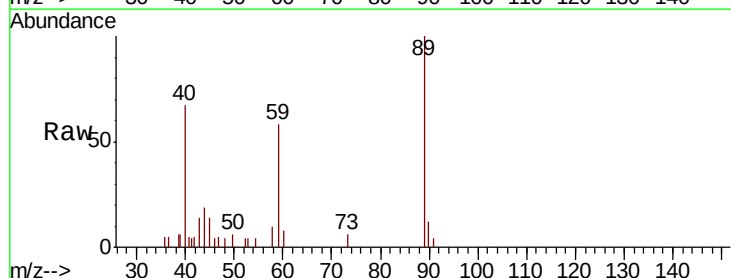


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

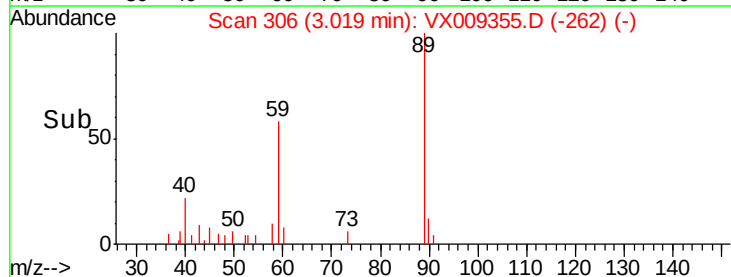
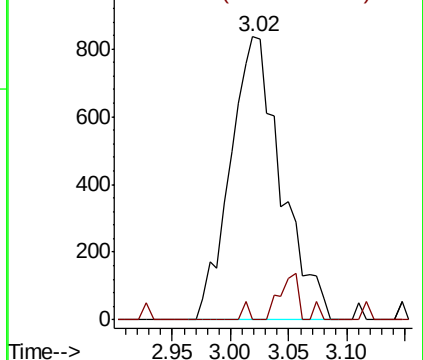


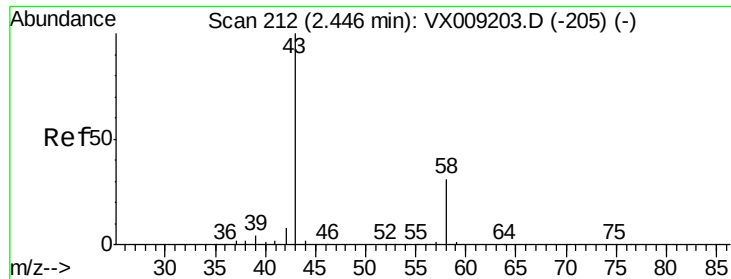
#11
Tert butyl alcohol
Concen: 4.325 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009355.D
Acq: 06 May 2019 17:02

Tgt Ion: 59 Resp: 2535
Ion Ratio Lower Upper
59 100
57 0.8 8.2 12.2#



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

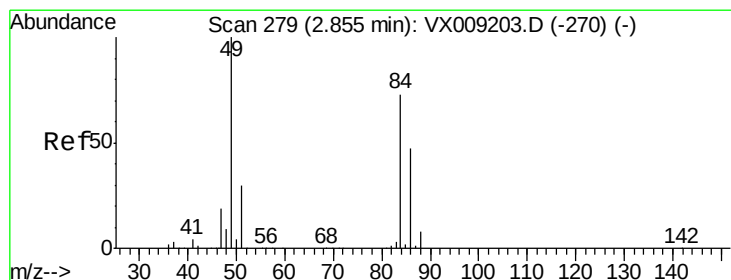
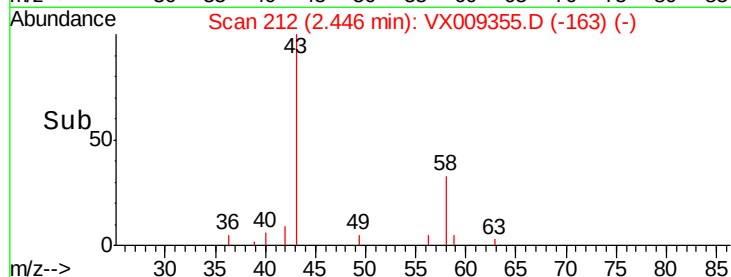
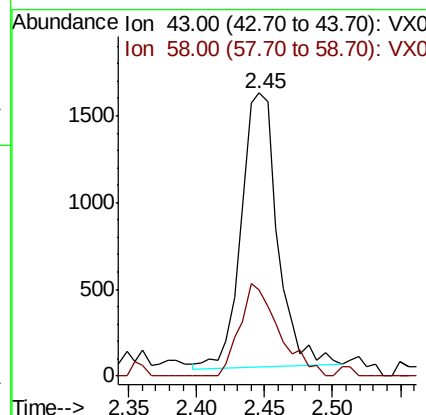
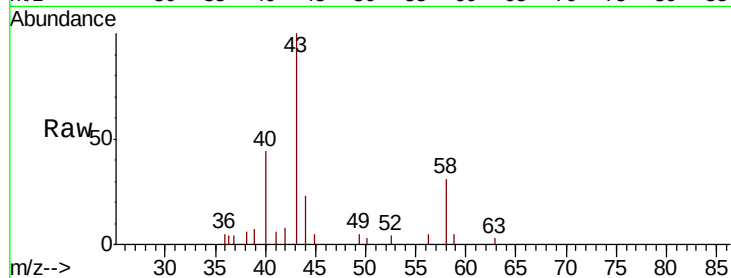




#16
 Acetone
 Concen: 2.173 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX009355.D
 Acq: 06 May 2019 17:02

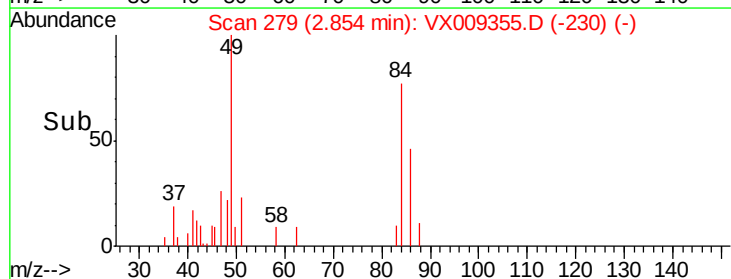
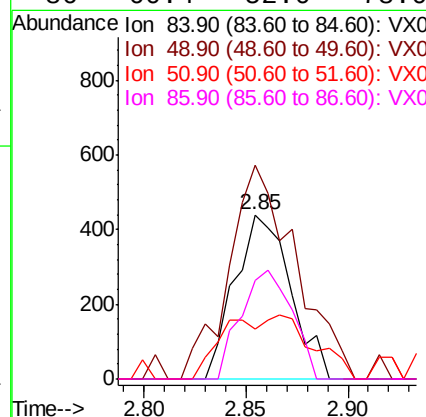
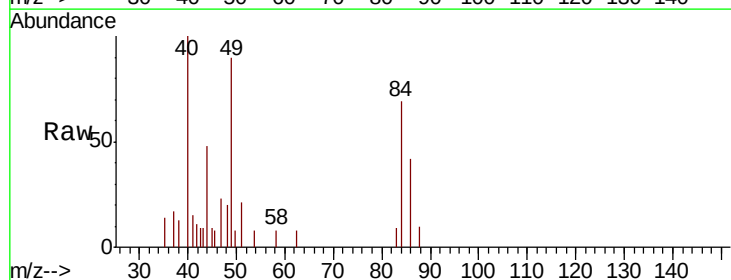
Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-TB1

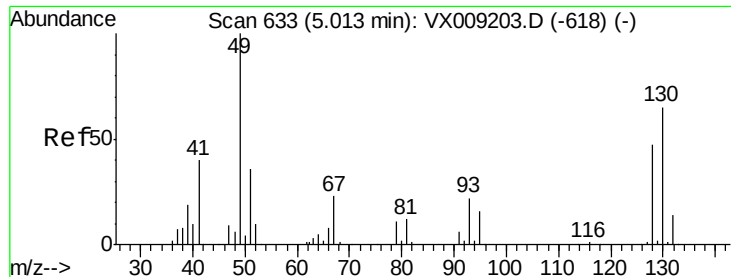
Tot Ion: 43 Resp: 2955
 Ion Ratio Lower Upper
 43 100
 58 31.9 24.9 37.3



#20
 Methylene Chloride
 Concen: 0.380 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009355.D
 Acq: 06 May 2019 17:02

Tgt Ion: 84 Resp: 836
 Ion Ratio Lower Upper
 84 100
 49 113.4 109.9 164.9
 51 30.5 32.7 49.1#
 86 60.4 52.0 78.0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.07 min Scan# 642

Delta R.T. 0.06 min

Lab File: VX009355.D

Acq: 06 May 2019 17:02

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-TB1

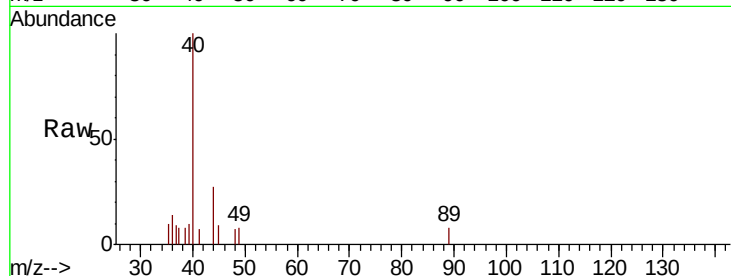
Tot Ion: 49 Resp: 21

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

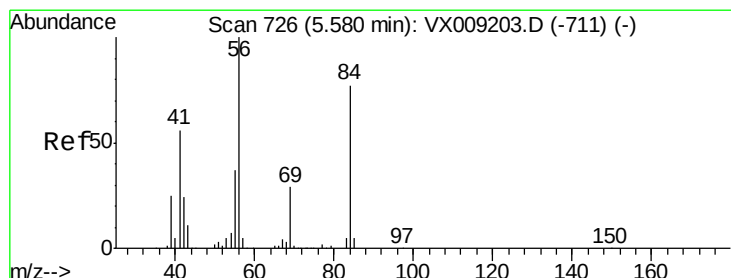
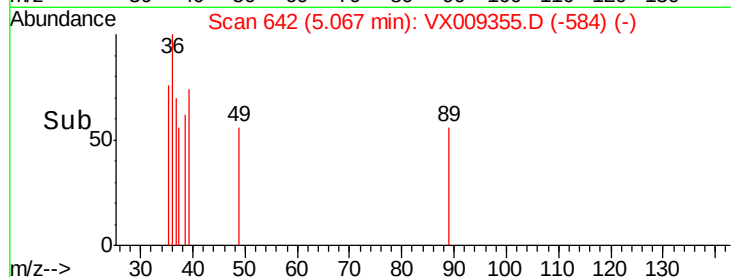
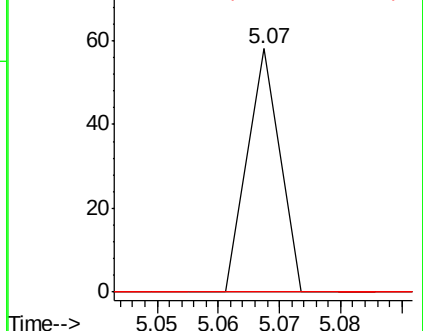
130 0.0 51.2 76.8#



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: 1.108 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX009355.D

Acq: 06 May 2019 17:02

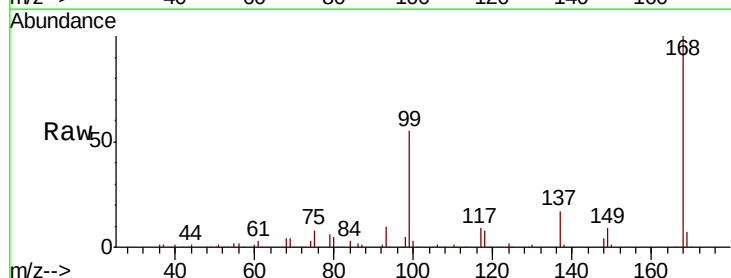
Tgt Ion: 56 Resp: 4147

Ion Ratio Lower Upper

56 100

69 169.7 23.4 35.0#

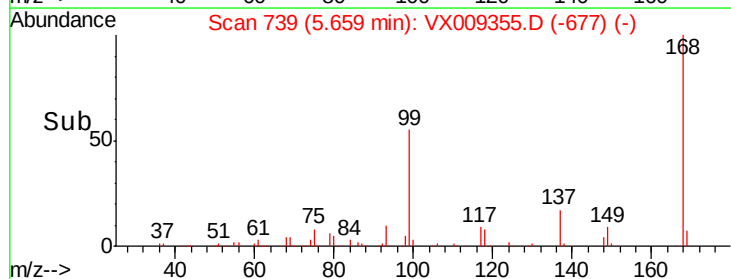
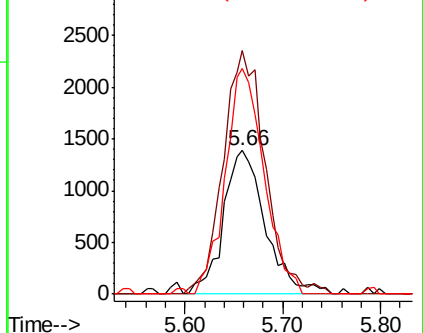
84 157.7 61.9 92.9#

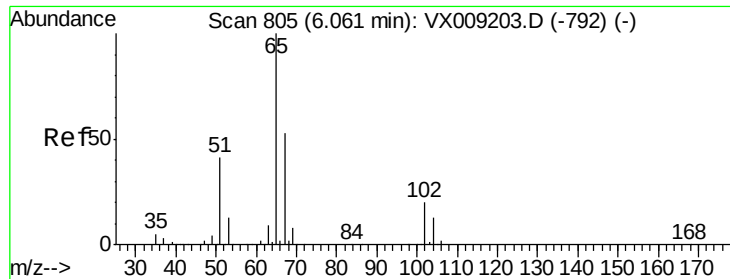


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

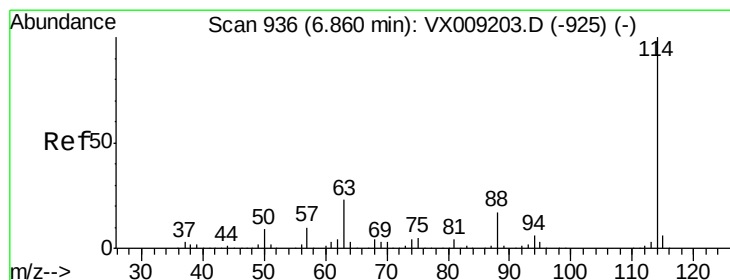
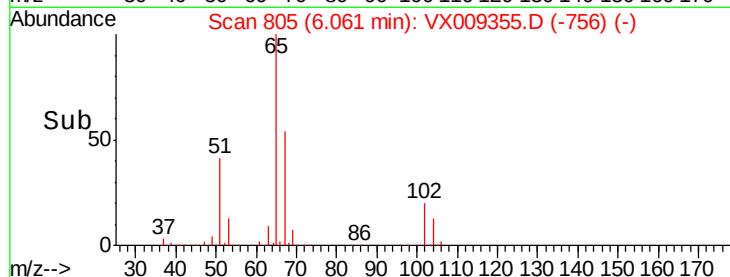
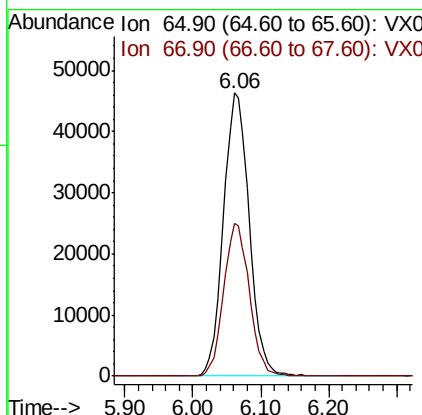
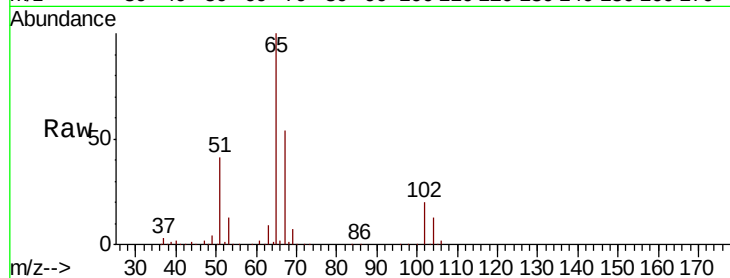




#33
 1,2-Dichloroethane-d4
 Concen: 48.093 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009355.D
 Acq: 06 May 2019 17:02

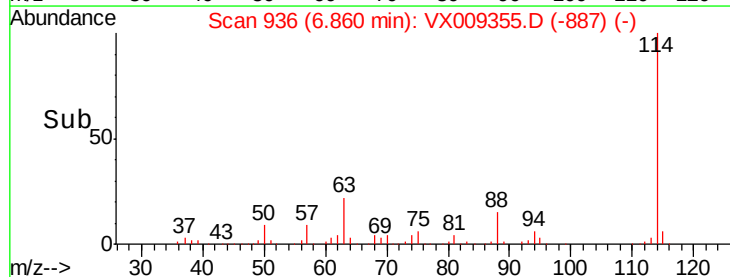
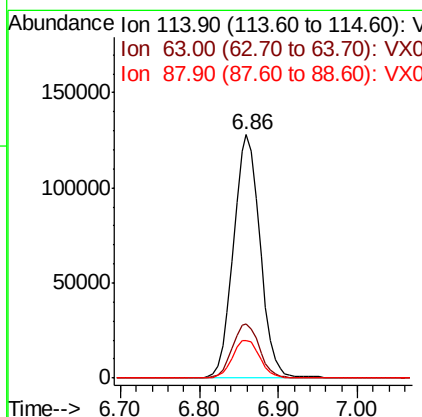
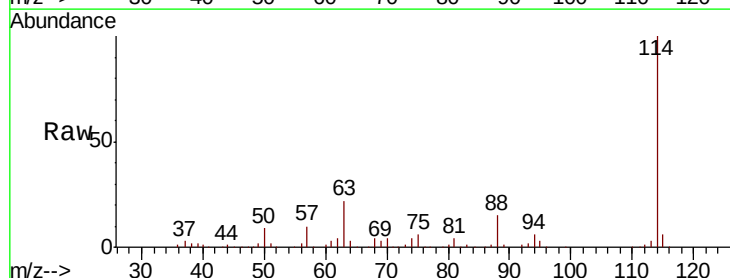
Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-TB1

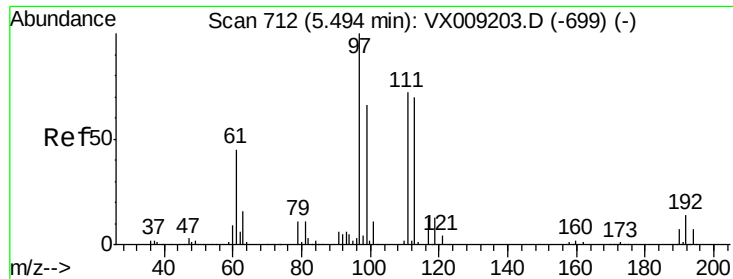
Tot Ion: 65 Resp: 121787
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009355.D
 Acq: 06 May 2019 17:02

Tgt Ion: 114 Resp: 300047
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.6
 88 15.5 0.0 33.2

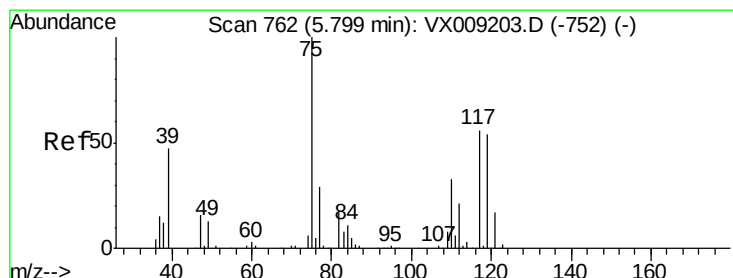
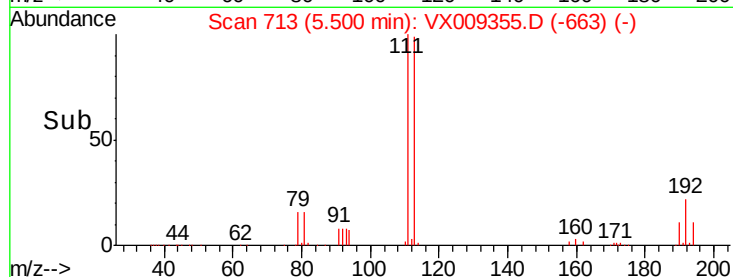
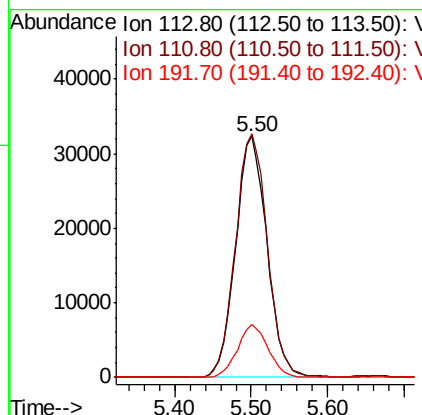
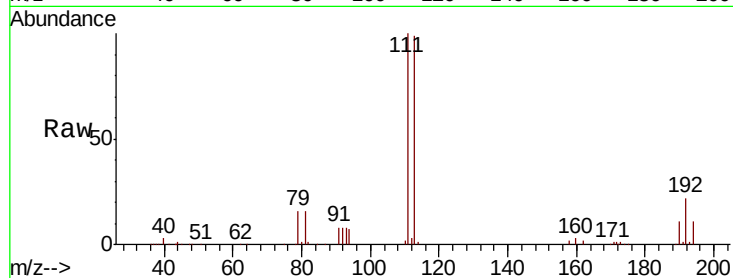




#35
 Dibromofluoromethane
 Concen: 48.628 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009355.D
 Acq: 06 May 2019 17:02

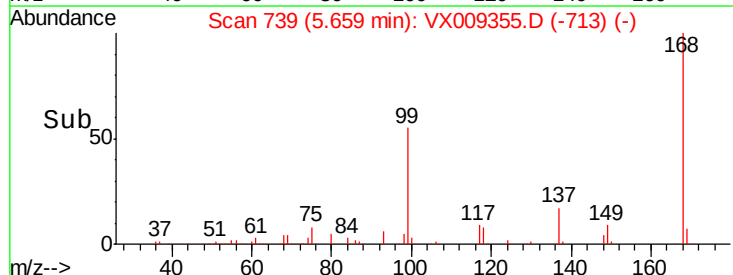
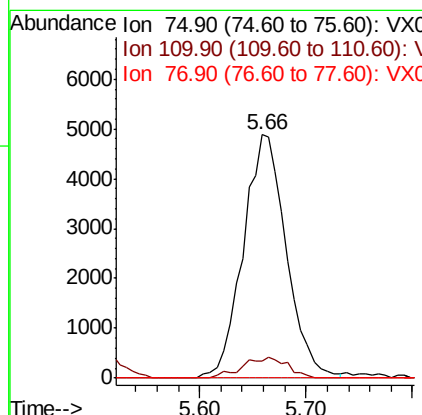
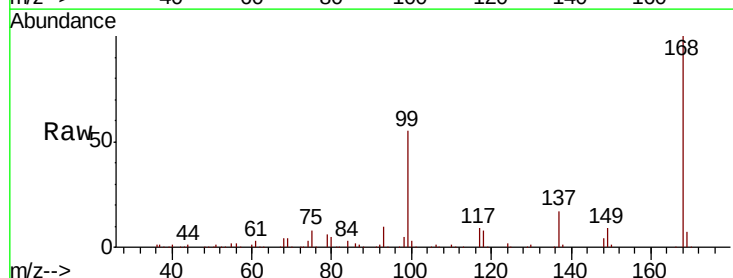
Instrument :
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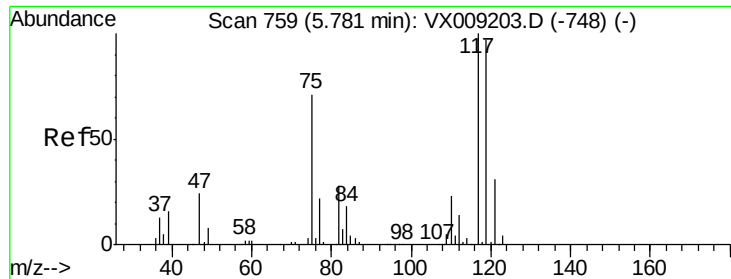
Tot Ion:113 Resp: 91723
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 21.5 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 4.965 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009355.D
 Acq: 06 May 2019 17:02

Tgt Ion: 75 Resp: 13845
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.9 50.6#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.801 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009355.D

Acq: 06 May 2019 17:02

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-TB1

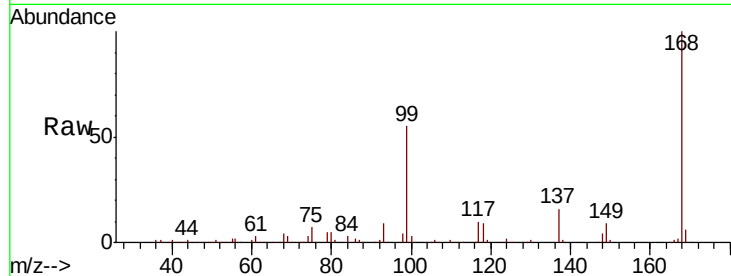
Tot Ion:117 Resp: 17231

Ion Ratio Lower Upper

117 100

119 6.2 77.5 116.3#

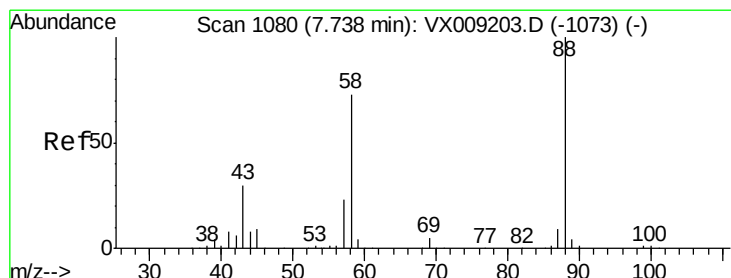
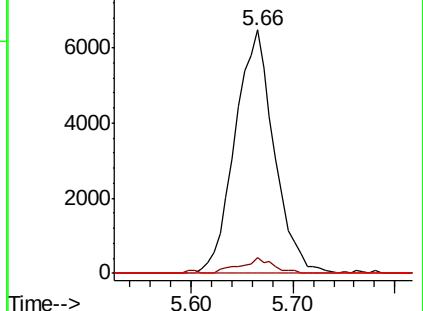
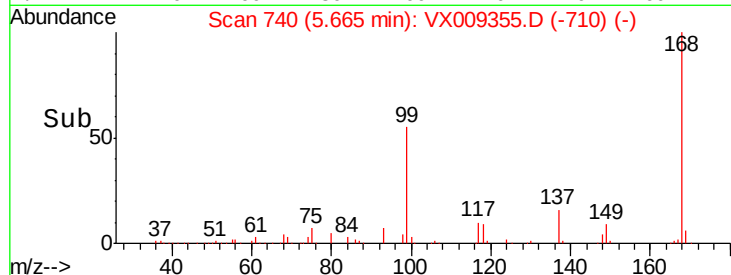
121 0.0 24.7 37.1#



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: 0.320 ug/l

RT: 7.71 min Scan# 1075

Delta R.T. -0.03 min

Lab File: VX009355.D

Acq: 06 May 2019 17:02

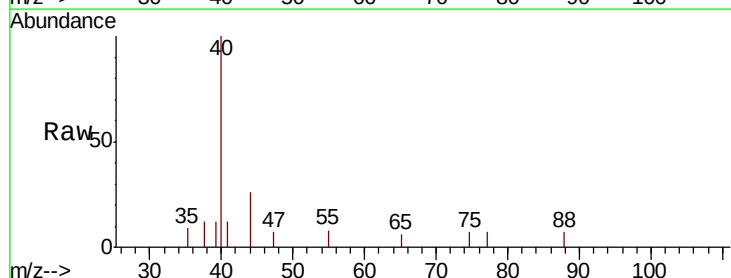
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 210.0 28.6 42.8#

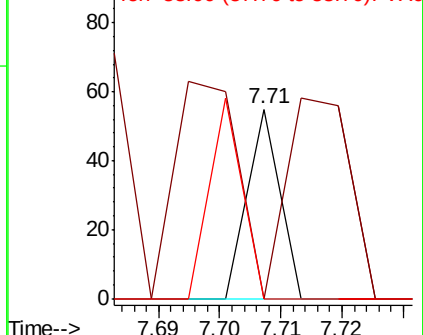
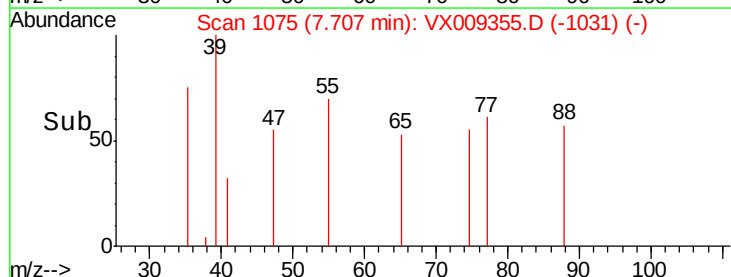
58 105.0 61.7 92.5#

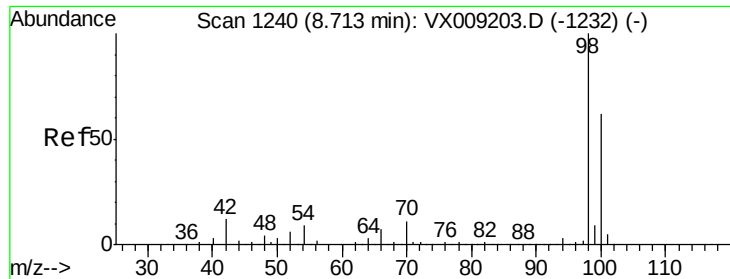


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.821 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009355.D

Acq: 06 May 2019 17:02

Instrument :

MSVOA_X

ClientSampleId :

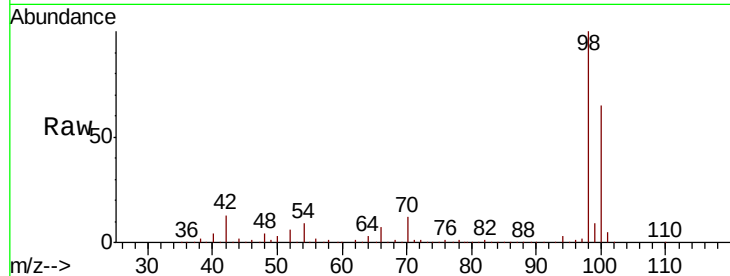
OUTFALL001-TB1

Tot Ion: 98 Resp: 371778

Ion Ratio Lower Upper

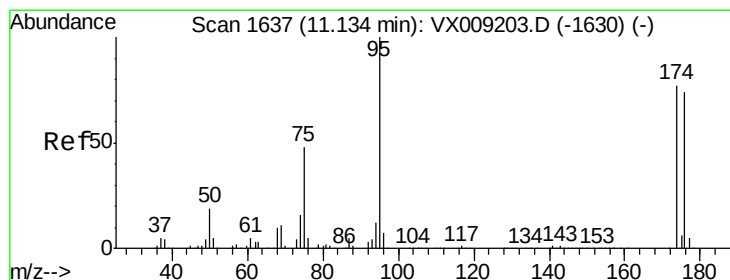
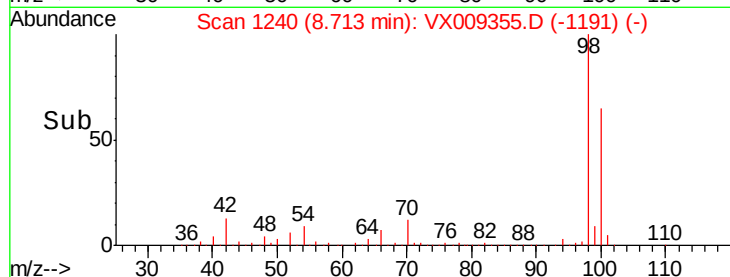
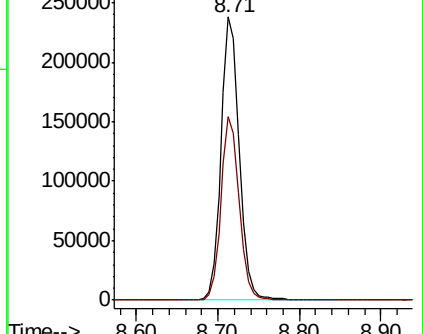
98 100

100 64.4 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: 43.619 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009355.D

Acq: 06 May 2019 17:02

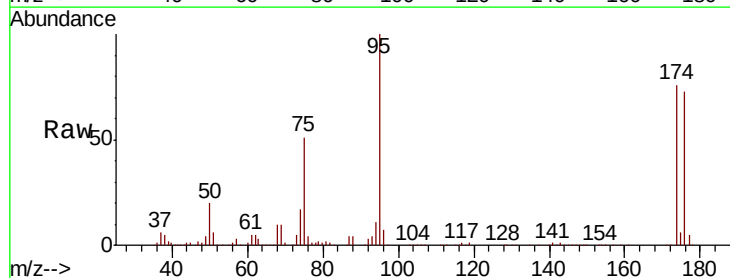
Tgt Ion: 95 Resp: 120695

Ion Ratio Lower Upper

95 100

174 82.6 0.0 161.6

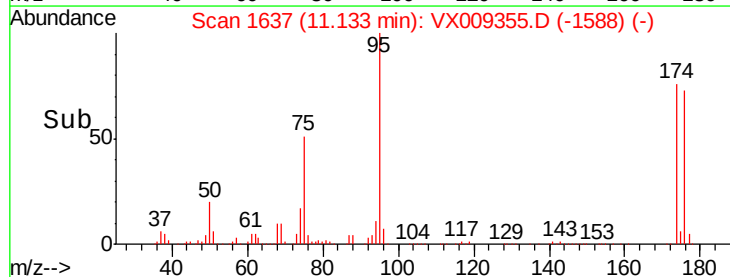
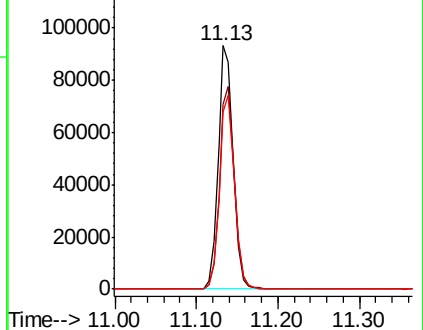
176 79.6 0.0 159.2

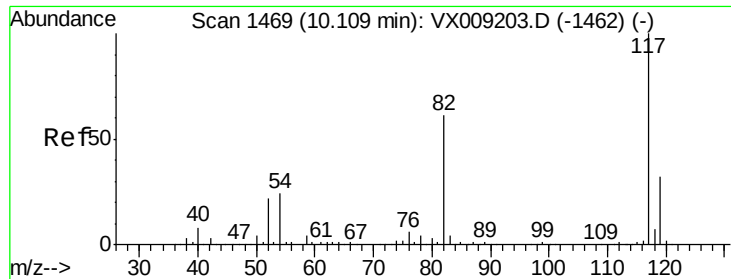


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

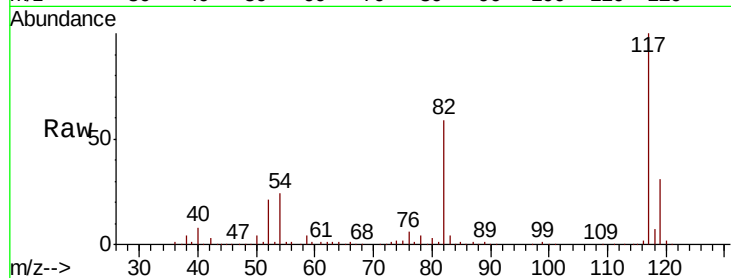




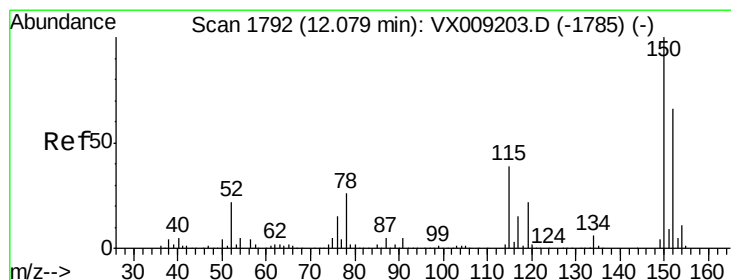
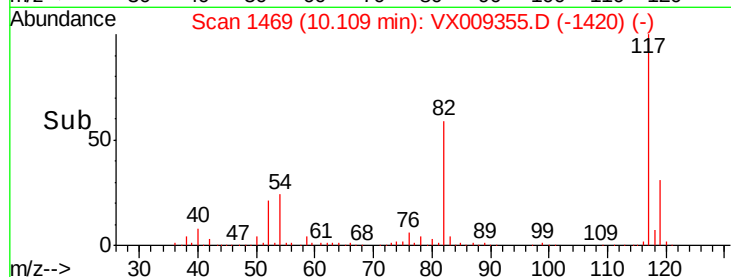
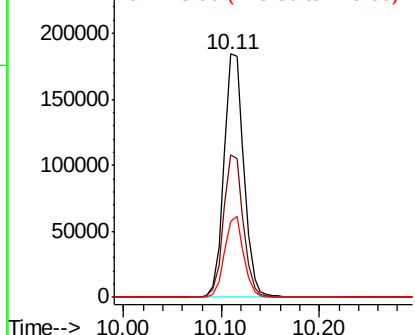
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009355.D
Acq: 06 May 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-TB1

Tot Ion:117 Resp: 260340
Ion Ratio Lower Upper
117 100
82 58.7 48.8 73.2
119 31.4 25.8 38.6

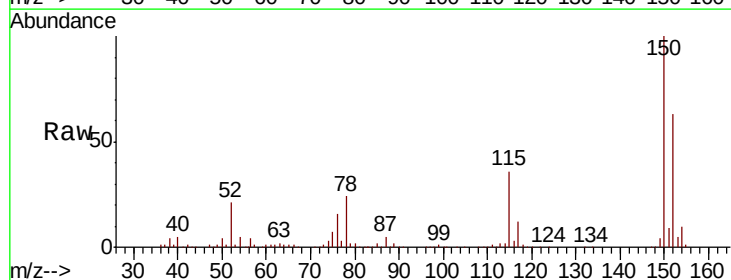


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

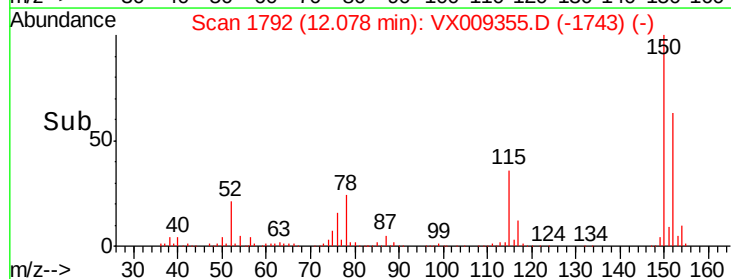
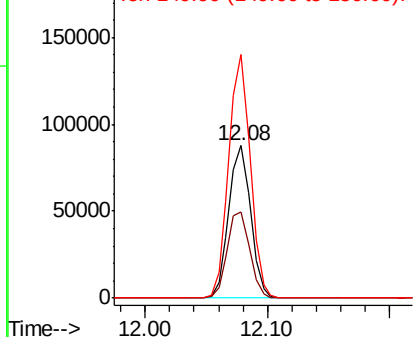


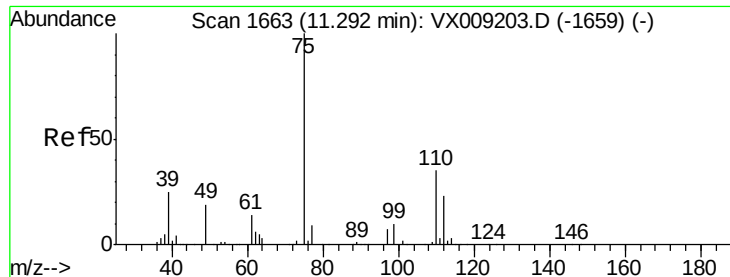
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009355.D
Acq: 06 May 2019 17:02

Tgt Ion:152 Resp: 108362
Ion Ratio Lower Upper
152 100
115 58.5 41.2 123.6
150 158.0 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: 24.478 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009355.D

Acq: 06 May 2019 17:02

Instrument :

MSVOA_X

ClientSampleId :

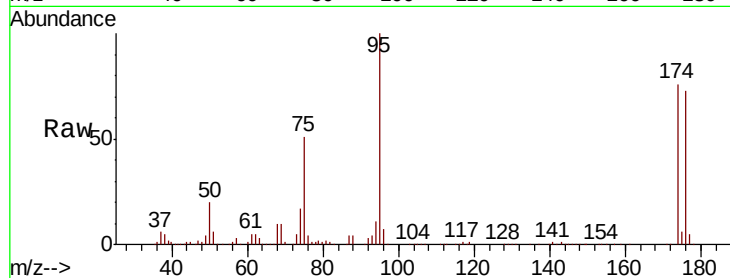
OUTFALL001-TB1

Tot Ion: 75 Resp: 61527

Ion Ratio Lower Upper

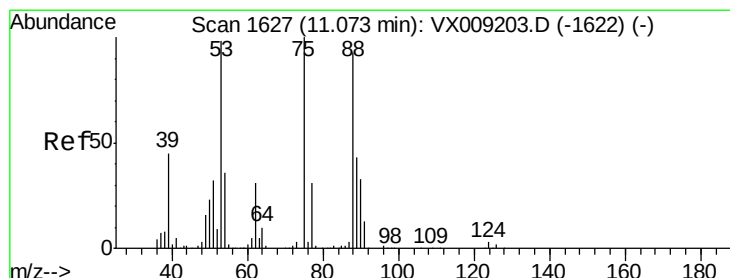
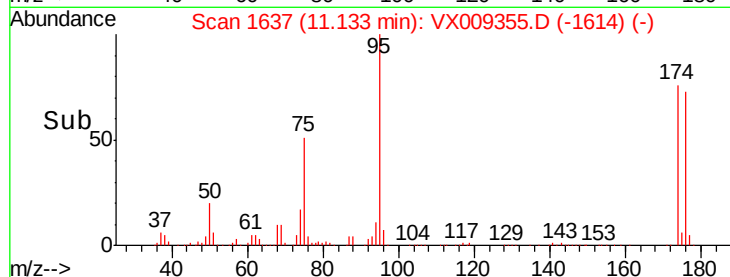
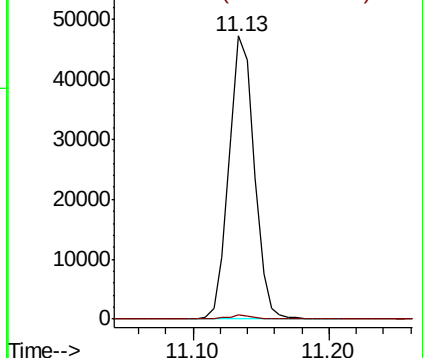
75 100

77 1.2 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: 62.629 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009355.D

Acq: 06 May 2019 17:02

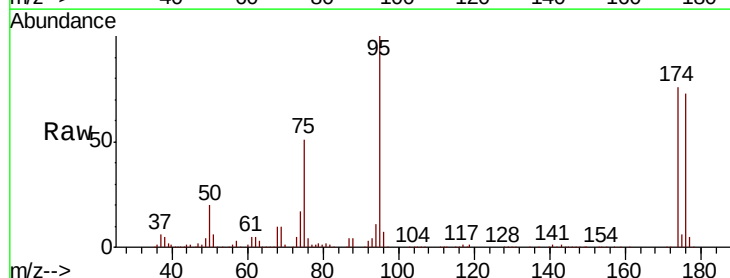
Tgt Ion: 75 Resp: 61527

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 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

