

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010310.D
 Acq On : 14 Jun 2019 18:59
 Operator : JC/SP
 Sample : K3387-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-TANK

Quant Time: Jun 15 01:23:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	334805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	505224	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	464986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228976	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	150887	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
35) Dibromofluoromethane	5.50	113	153113	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.71	98	597131	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.13	95	210073	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	3892	1.272	ug/l #	61
4) Vinyl Chloride	1.41	62	43630	15.173	ug/l #	84
5) Bromomethane	1.66	94	624	0.575	ug/l	89
6) Chloroethane	1.63	64	2373	1.637	ug/l #	59
11) Tert butyl alcohol	3.04	59	4385	5.477	ug/l #	79
13) Acrolein	2.29	56	419	2.870	ug/l #	60
14) Allyl chloride	2.71	41	36159	7.966	ug/l #	48
15) Acrylonitrile	3.14	53	1763	1.077	ug/l #	92
16) Acetone	2.44	43	132457	86.173	ug/l	89
17) Carbon Disulfide	2.57	76	9355	1.077	ug/l #	95
18) Methyl Acetate	2.78	43	11062	3.272	ug/l #	78
20) Methylene Chloride	2.85	84	2963	0.878	ug/l #	83
21) trans-1,2-Dichloroethene	3.16	96	766	0.230	ug/l #	76
25) 2-Butanone	4.67	43	99244	43.359	ug/l #	81
27) cis-1,2-Dichloroethene	4.60	96	12564	3.394	ug/l	71
29) Tetrahydrofuran	5.13	42	50984	35.443	ug/l #	76
36) 1,1-Dichloropropene	5.66	75	20082	4.872	ug/l #	52
37) Ethyl Acetate	4.67	43	99244	23.141	ug/l #	71
38) Carbon Tetrachloride	5.66	117	29210	6.261	ug/l #	16
41) Methacrylonitrile	5.13	41	36899	15.905	ug/l #	52
43) Isopropyl Acetate	6.46	43	2698	0.376	ug/l #	68
44) Trichloroethene	7.21	130	2042	0.532	ug/l	94
49) 1,4-Dioxane	7.73	88	32	0.335	ug/l #	1
51) 4-Methyl-2-Pentanone	8.71	43	2206	0.515	ug/l #	1
52) Toluene	8.79	92	13302	1.588	ug/l	100
59) 2-Hexanone	9.65	43	73065	21.392	ug/l #	28
64) Tetrachloroethene	9.33	164	802	0.232	ug/l #	85
74) N-amyl acetate	10.91	43	1594	0.252	ug/l #	19
76) 1,2,3-Trichloropropane	11.13	75	96886	21.154	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	96886	46.739	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	11695	0.860	ug/l #	32
85) sec-Butylbenzene	11.80	105	11695	0.737	ug/l #	57

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

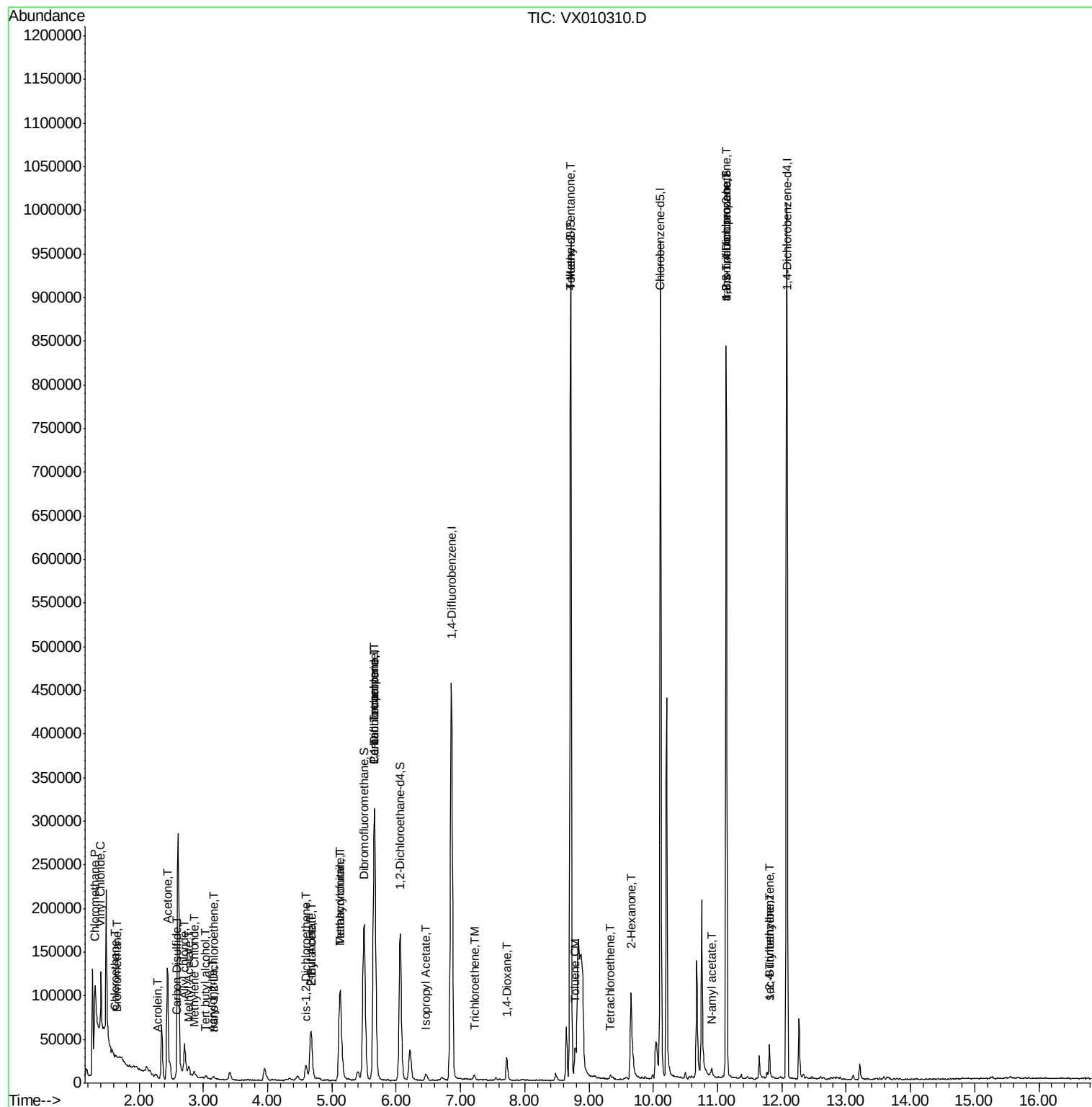
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

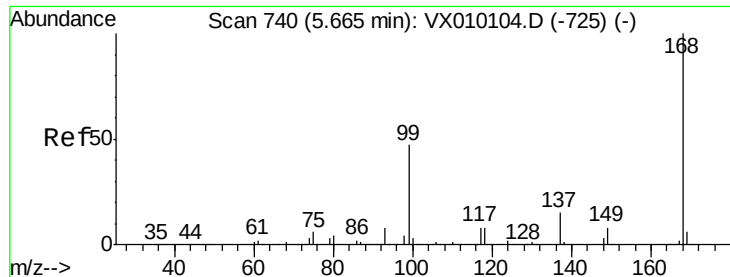
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

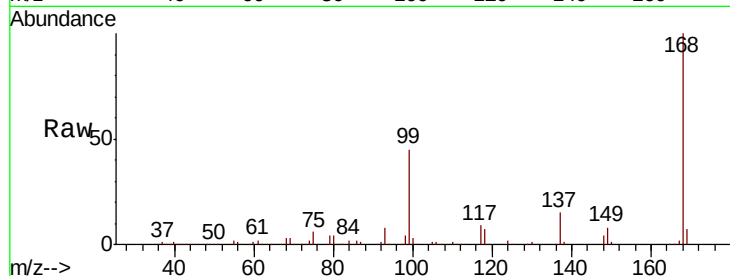
WASTE-TANK

Tot Ion:168 Resp: 334805

Ion Ratio Lower Upper

168 100

99 45.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

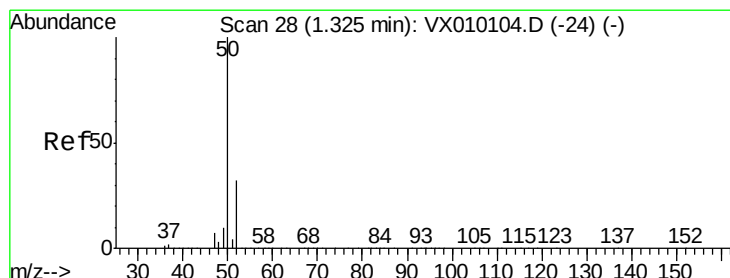
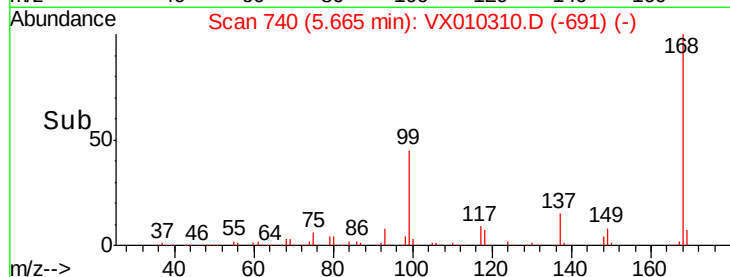
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 1.272 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX010310.D

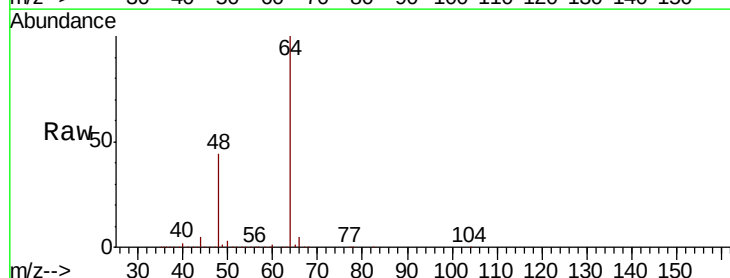
Acq: 14 Jun 2019 18:59

Tgt Ion: 50 Resp: 3892

Ion Ratio Lower Upper

50 100

52 10.8 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

2000

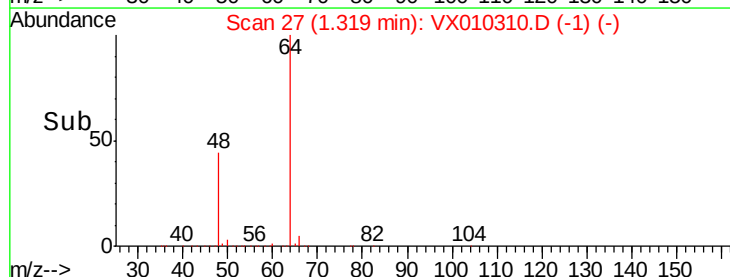
1500

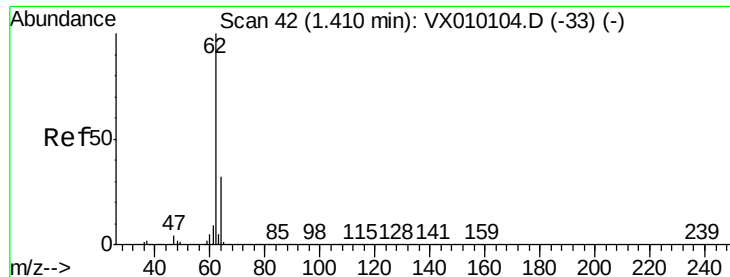
1000

500

0

Time--> 1.30 1.35 1.40





#4

Vinyl Chloride

Concen: 15.173 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

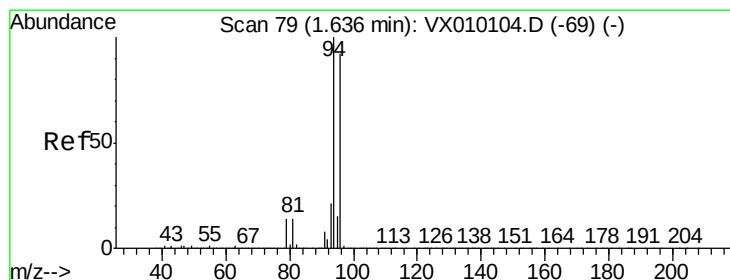
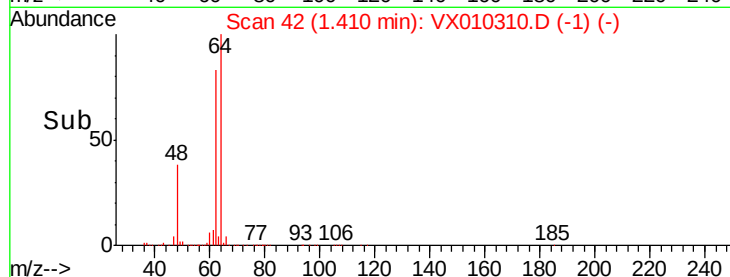
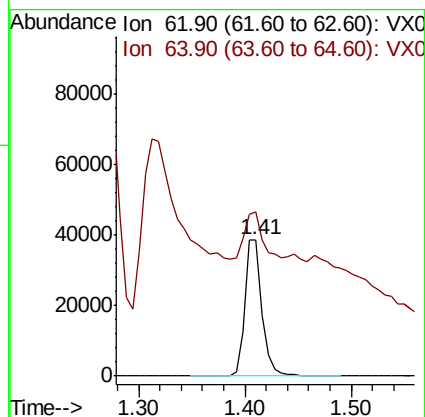
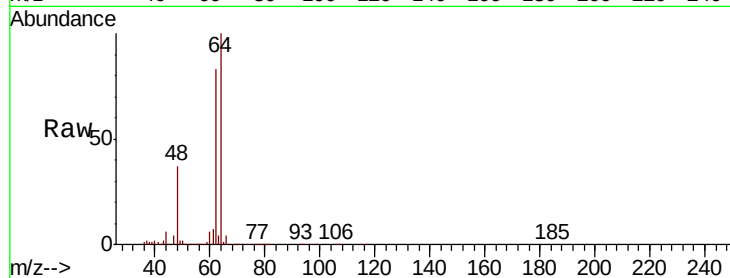
WASTE-TANK

Tot Ion: 62 Resp: 43630

Ion Ratio Lower Upper

62 100

64 41.2 25.7 38.5#



#5

Bromomethane

Concen: 0.575 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010310.D

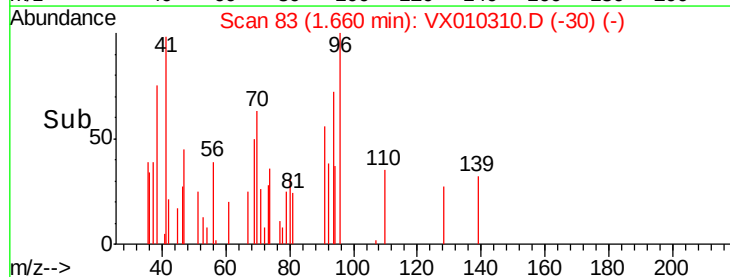
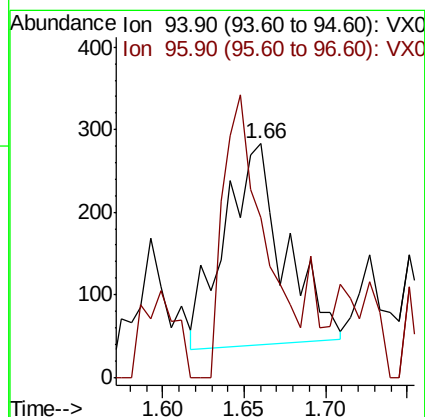
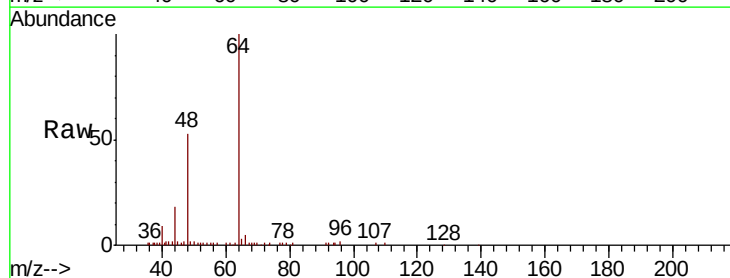
Acq: 14 Jun 2019 18:59

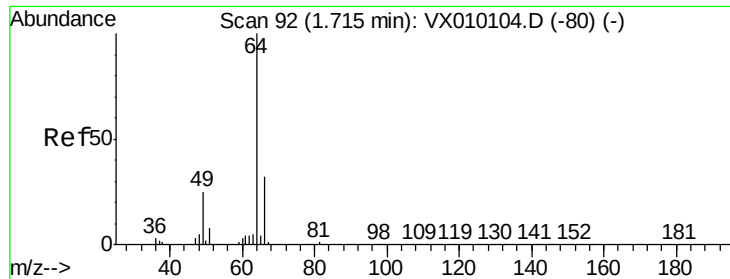
Tgt Ion: 94 Resp: 624

Ion Ratio Lower Upper

94 100

96 84.6 76.2 114.4





#6

Chloroethane

Concen: 1.637 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.08 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

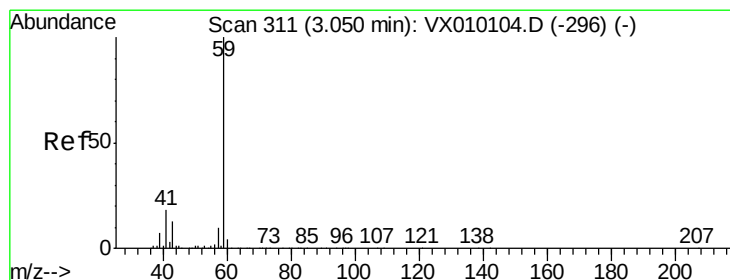
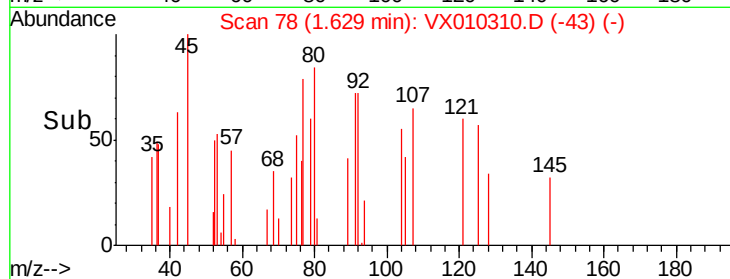
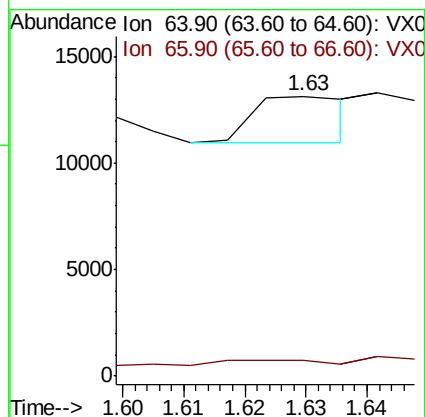
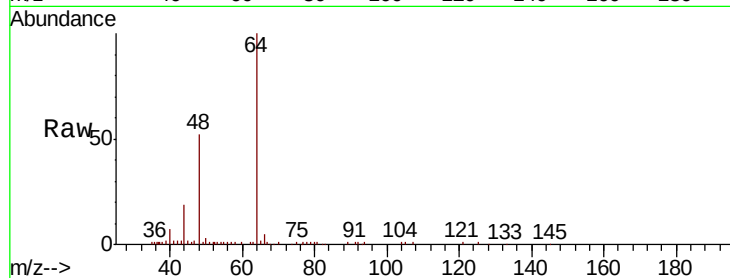
WASTE-TANK

Tot Ion: 64 Resp: 2373

Ion Ratio Lower Upper

64 100

66 8.7 25.1 37.7#



#11

Tert butyl alcohol

Concen: 5.477 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX010310.D

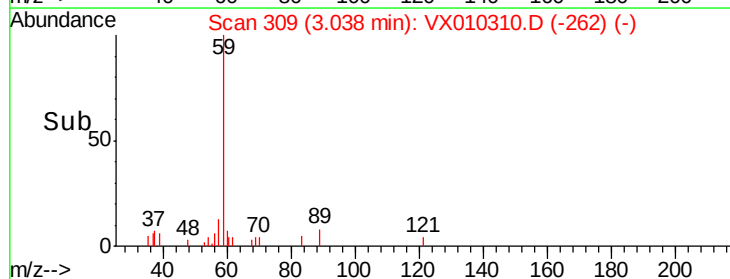
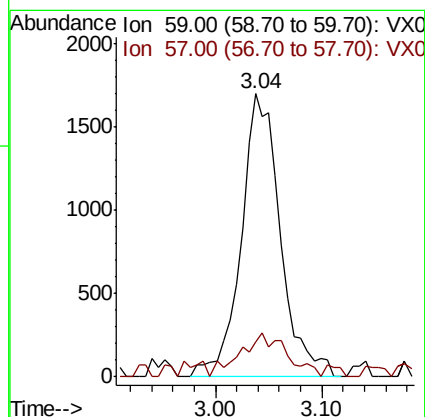
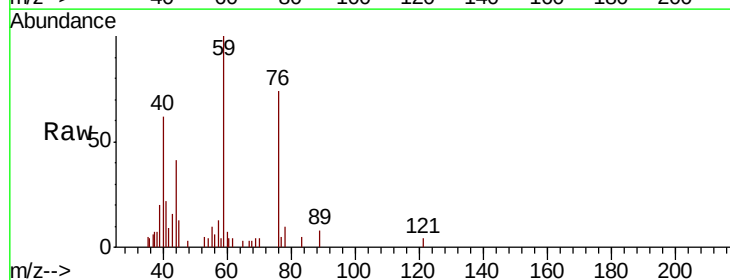
Acq: 14 Jun 2019 18:59

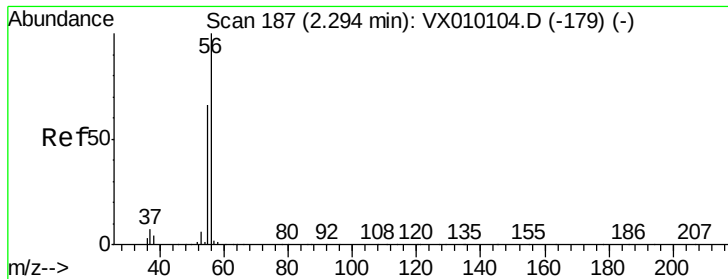
Tgt Ion: 59 Resp: 4385

Ion Ratio Lower Upper

59 100

57 18.2 8.2 12.2#





#13

Acrolein

Concen: 2.870 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

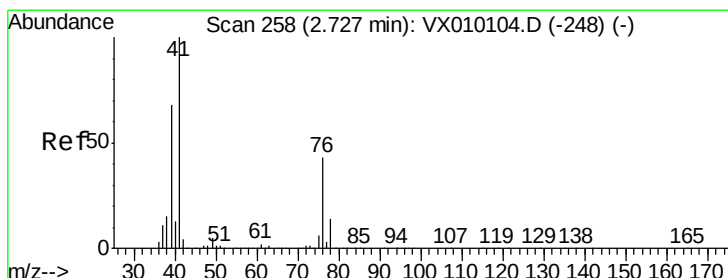
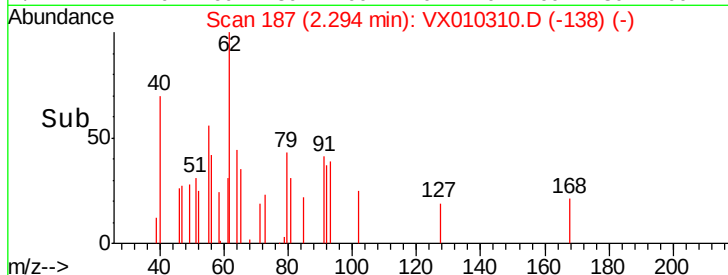
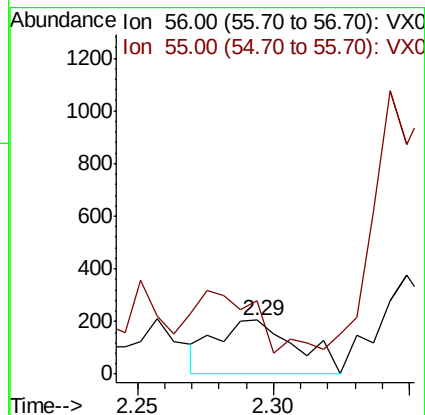
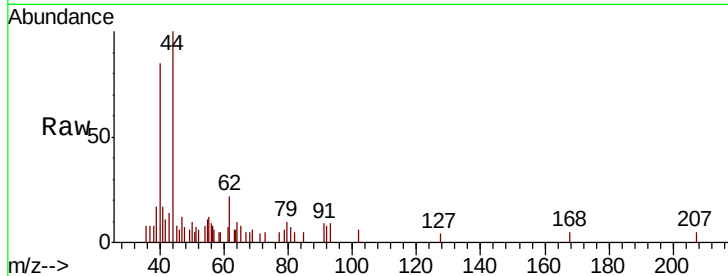
WASTE-TANK

Tot Ion: 56 Resp: 419

Ion Ratio Lower Upper

56 100

55 104.1 57.0 85.4#



#14

Allyl chloride

Concen: 7.966 ug/l

RT: 2.71 min Scan# 255

Delta R.T. -0.02 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

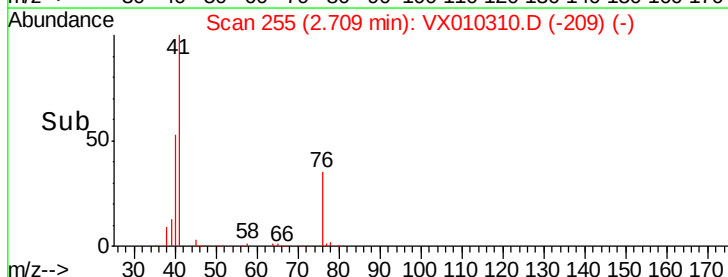
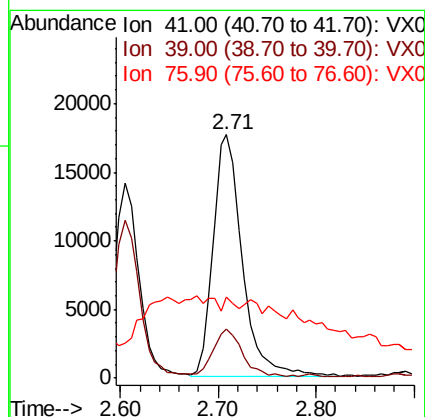
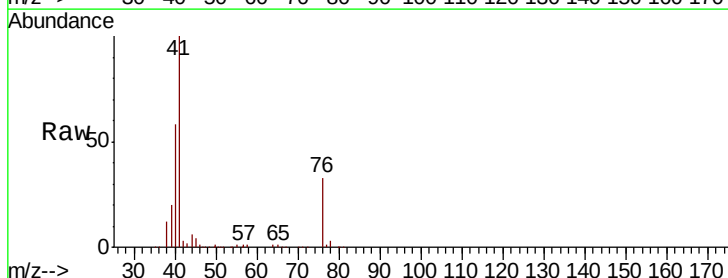
Tgt Ion: 41 Resp: 36159

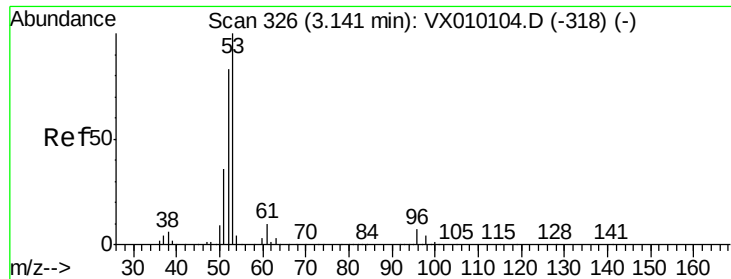
Ion Ratio Lower Upper

41 100

39 19.3 46.7 70.1#

76 0.0 21.0 31.4#





#15

Acrylonitrile

Concen: 1.077 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

WASTE-TANK

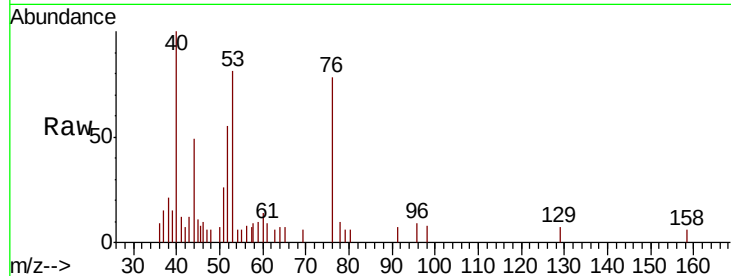
Tot Ion: 53 Resp: 1763

Ion Ratio Lower Upper

53 100

52 85.9 66.7 100.1

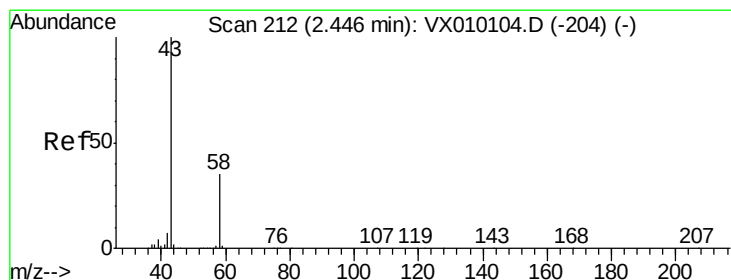
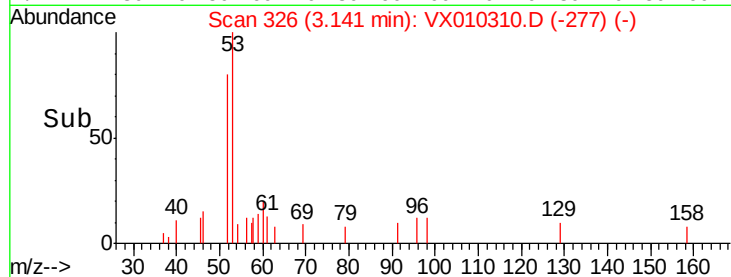
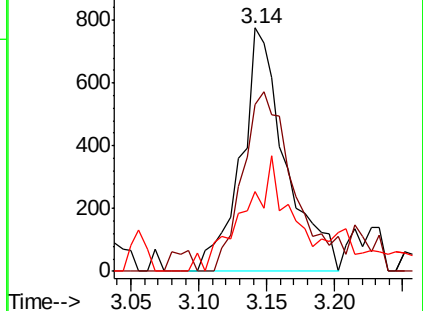
51 48.7 28.8 43.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 86.173 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010310.D

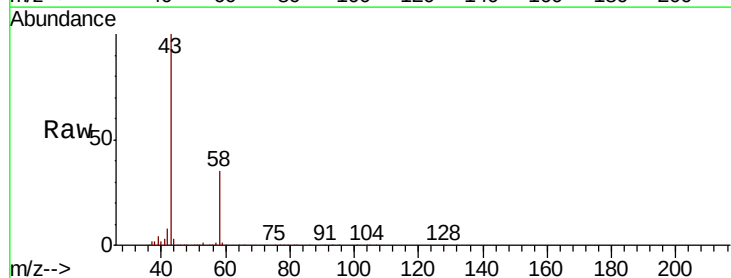
Acq: 14 Jun 2019 18:59

Tgt Ion: 43 Resp: 132457

Ion Ratio Lower Upper

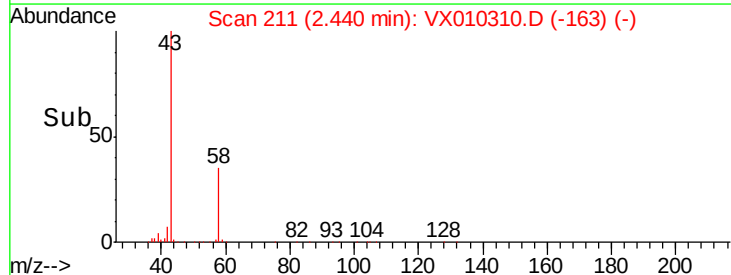
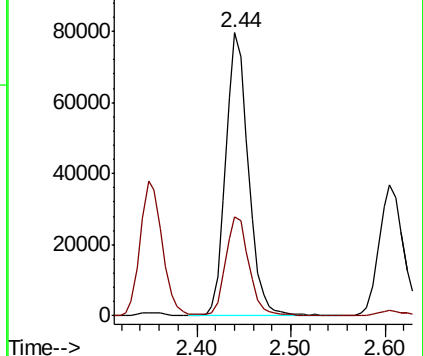
43 100

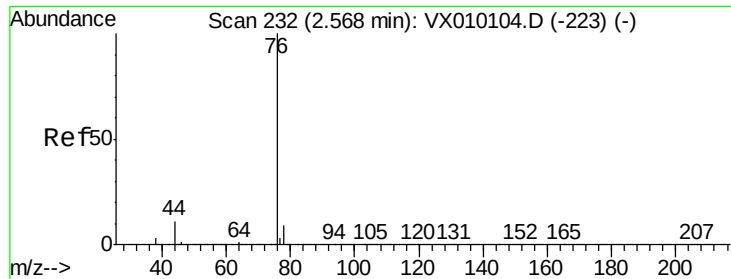
58 34.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.077 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

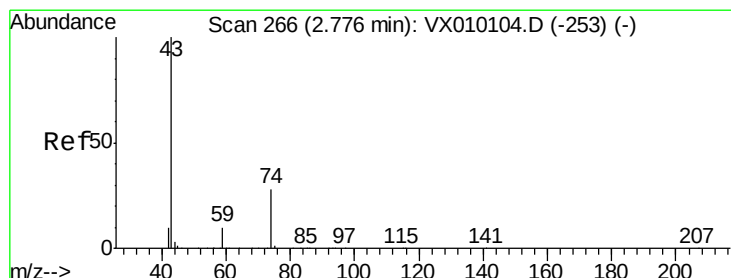
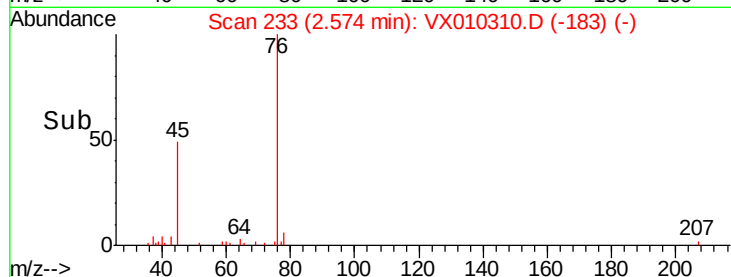
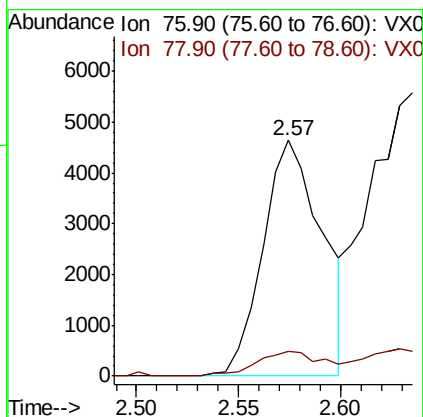
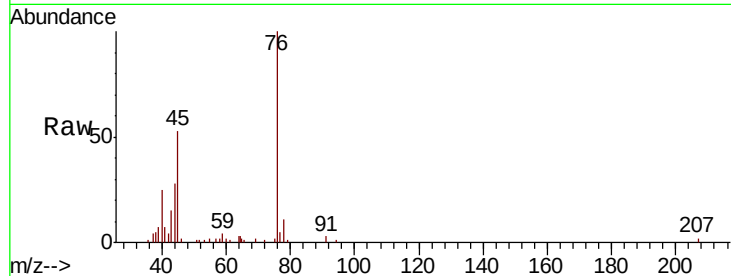
WASTE-TANK

Tot Ion: 76 Resp: 9355

Ion Ratio Lower Upper

76 100

78 10.6 7.0 10.6#



#18

Methyl Acetate

Concen: 3.272 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010310.D

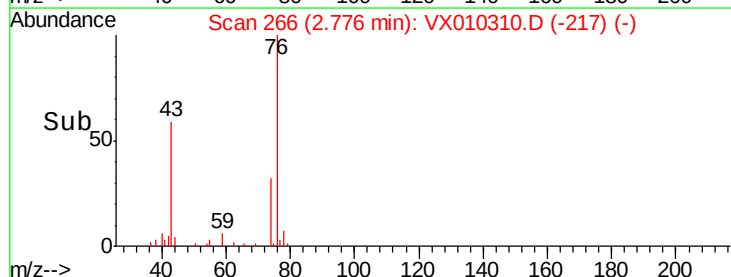
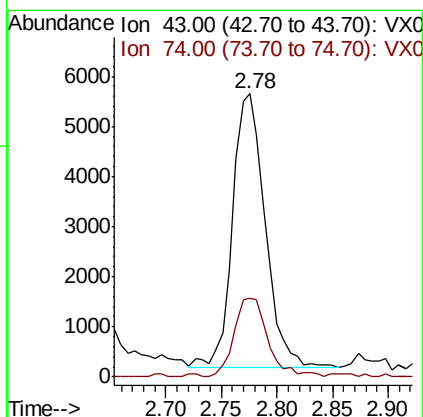
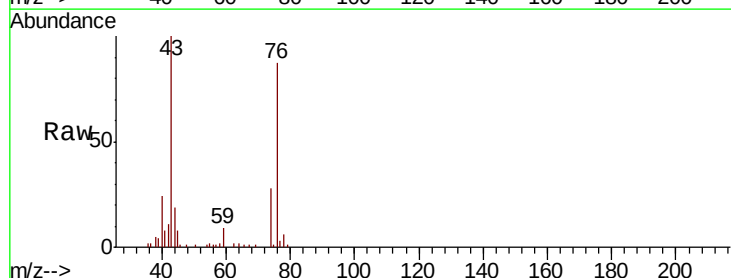
Acq: 14 Jun 2019 18:59

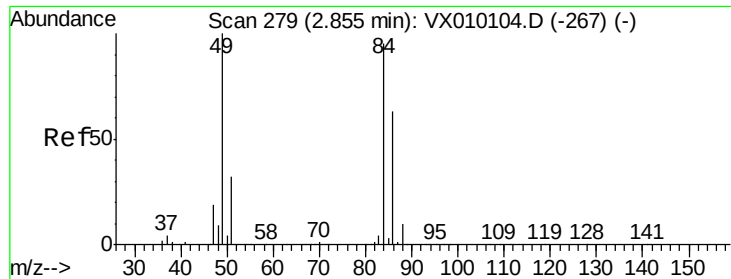
Tgt Ion: 43 Resp: 11062

Ion Ratio Lower Upper

43 100

74 29.8 15.8 23.6#

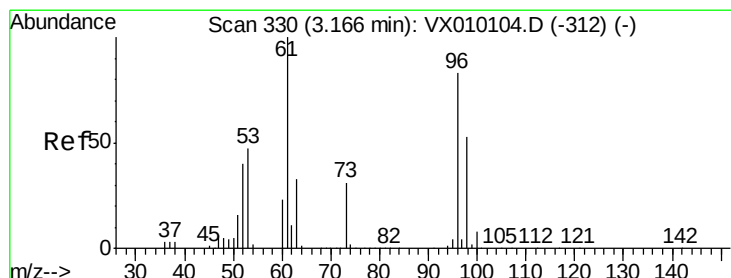
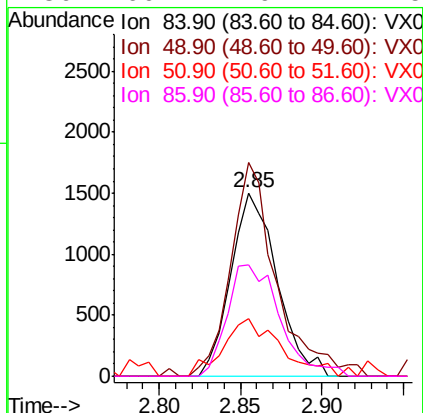
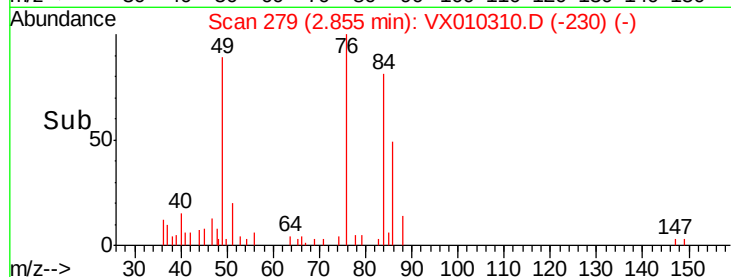
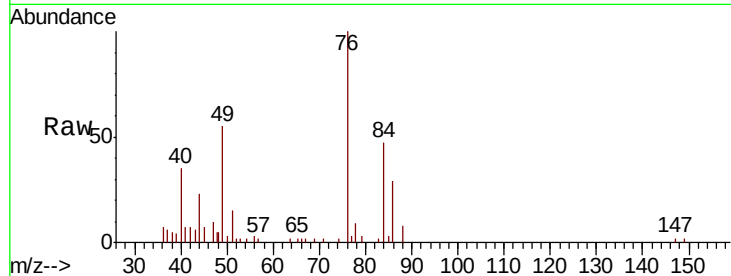




#20
Methylene Chloride
Concen: 0.878 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

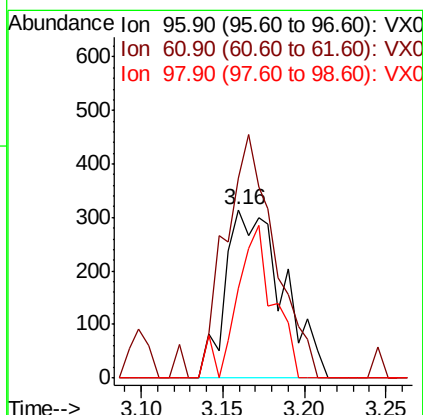
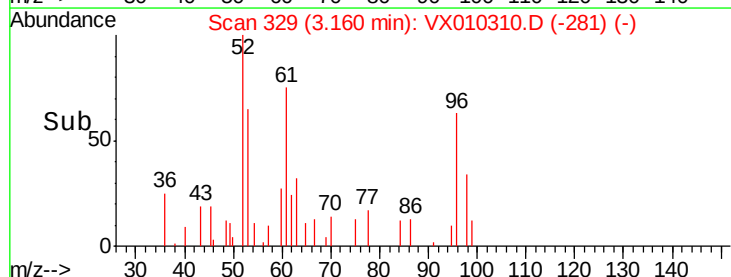
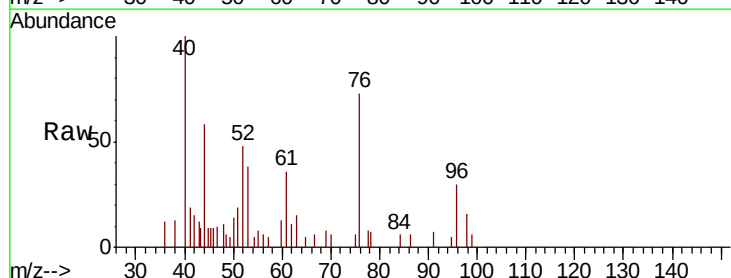
Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK

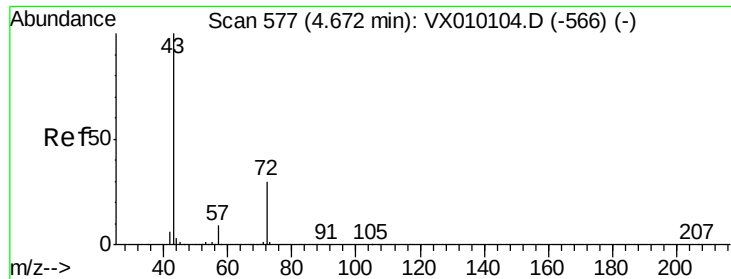
Tot Ion: 84 Resp: 2963
Ion Ratio Lower Upper
84 100
49 116.3 115.8 173.6
51 31.7 34.4 51.6#
86 60.4 49.7 74.5



#21
trans-1,2-Dichloroethene
Concen: 0.230 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

Tgt Ion: 96 Resp: 766
Ion Ratio Lower Upper
96 100
61 118.8 125.7 188.5#
98 53.8 49.0 73.6





#25

2-Butanone

Concen: 43.359 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

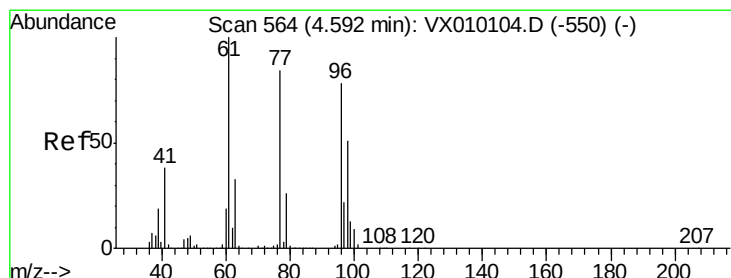
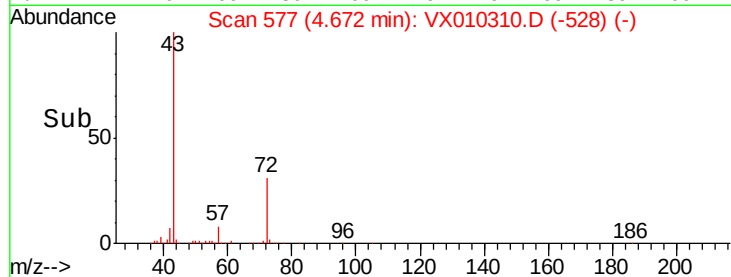
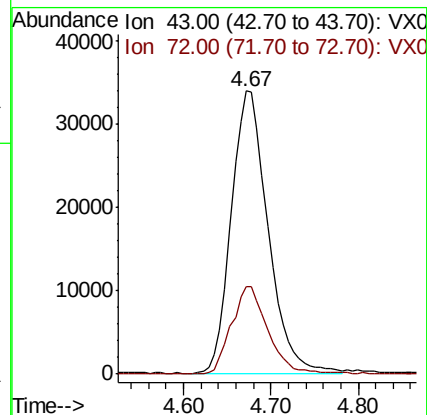
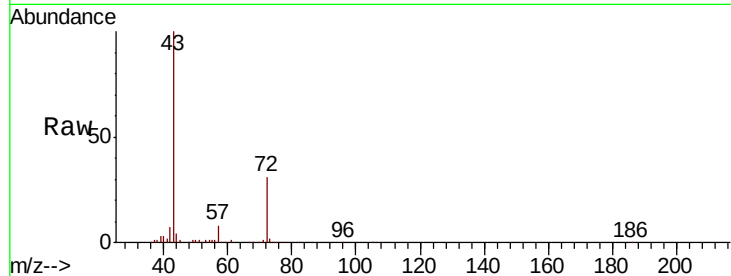
WASTE-TANK

Tot Ion: 43 Resp: 99244

Ion Ratio Lower Upper

43 100

72 31.0 17.5 26.3#



#27

cis-1,2-Dichloroethene

Concen: 3.394 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

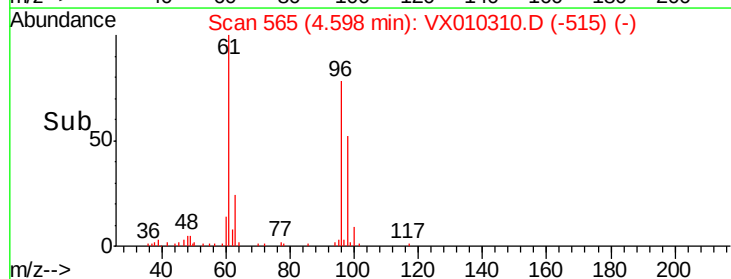
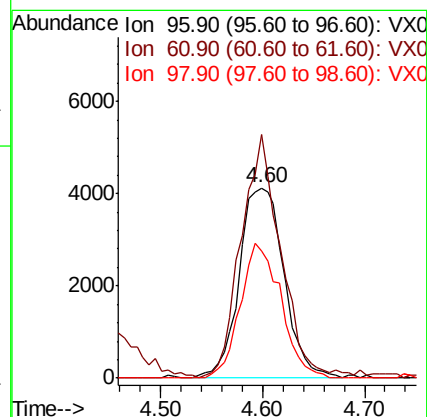
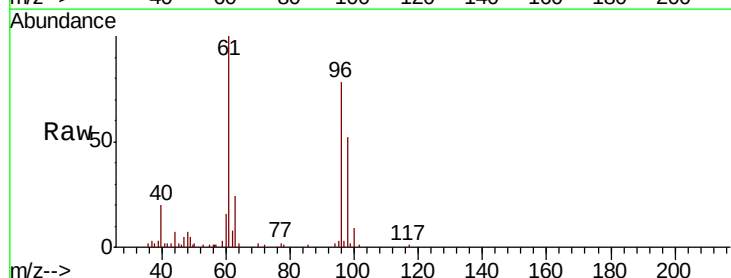
Tgt Ion: 96 Resp: 12564

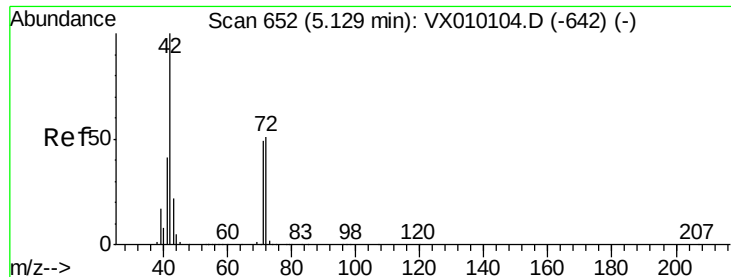
Ion Ratio Lower Upper

96 100

61 113.9 0.0 334.0

98 64.5 0.0 131.6





#29

Tetrahydrofuran

Concen: 35.443 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

WASTE-TANK

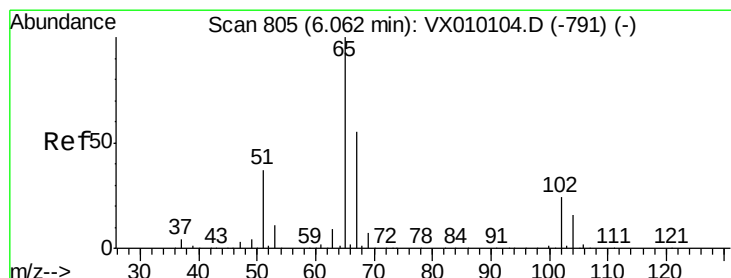
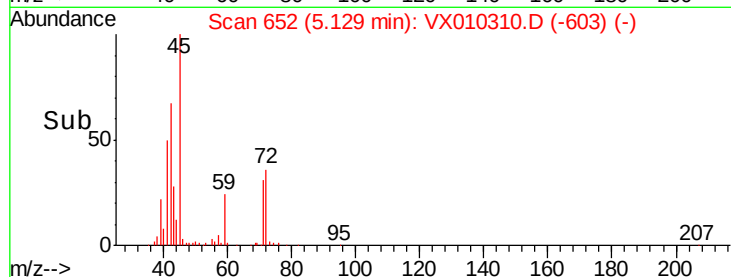
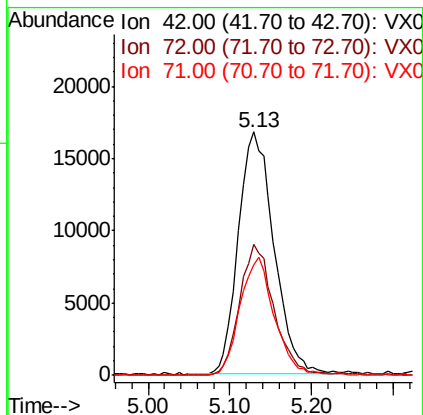
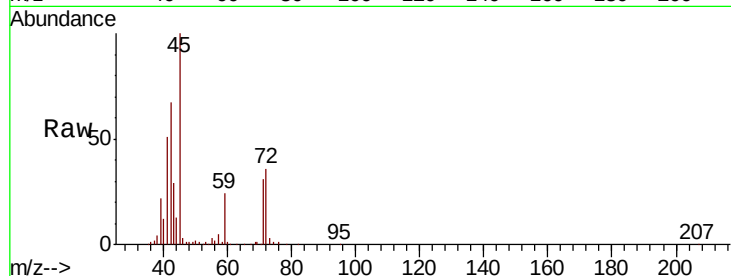
Tot Ion: 42 Resp: 50984

Ion Ratio Lower Upper

42 100

72 52.0 29.2 43.8#

71 46.8 27.6 41.4#



#33

1,2-Dichloroethane-d4

Concen: 46.170 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010310.D

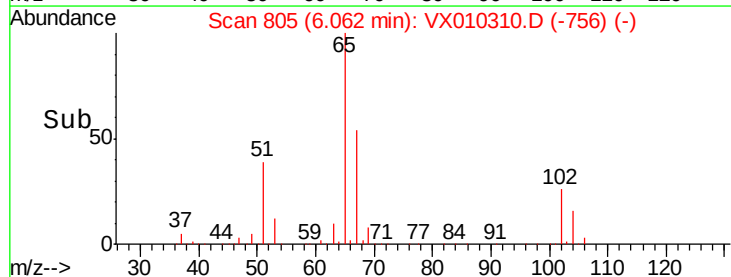
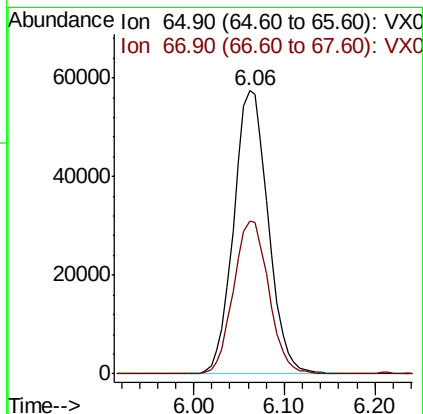
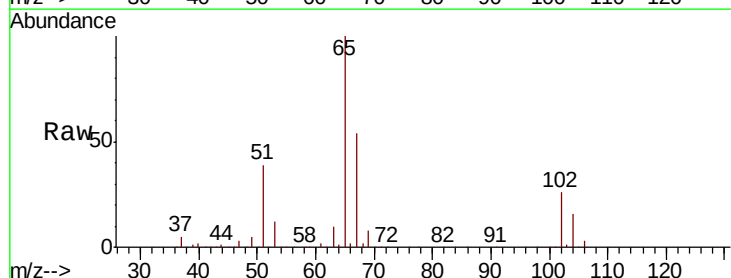
Acq: 14 Jun 2019 18:59

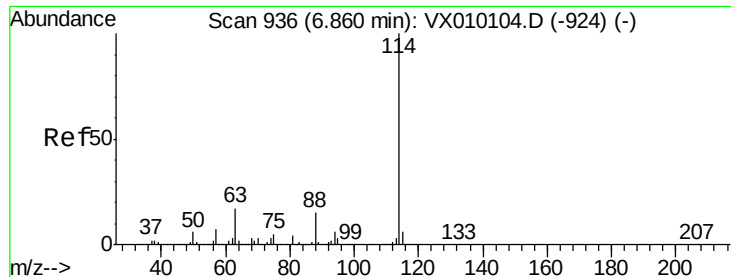
Tgt Ion: 65 Resp: 150887

Ion Ratio Lower Upper

65 100

67 55.6 0.0 108.4

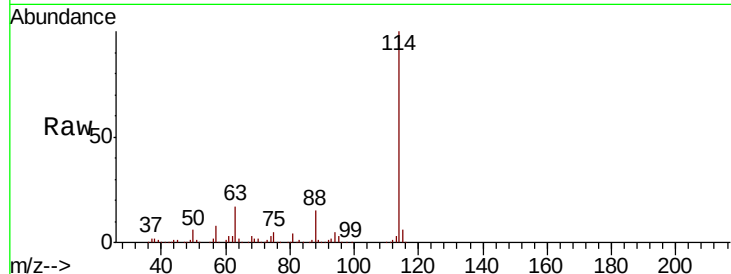




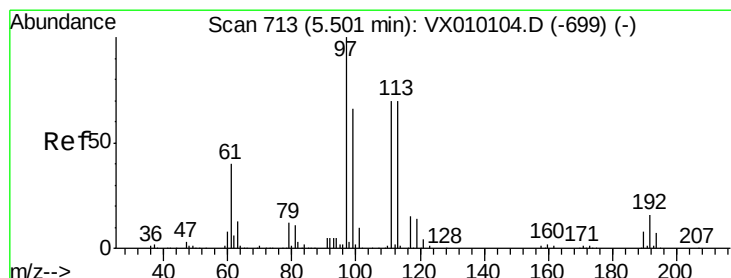
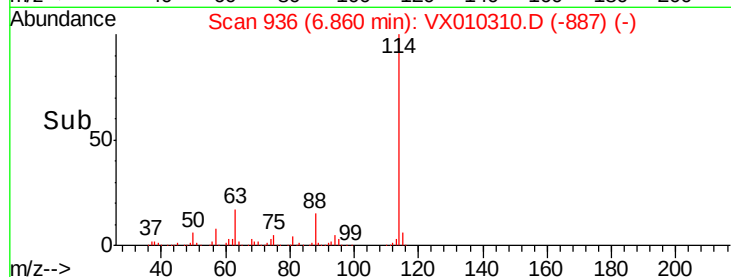
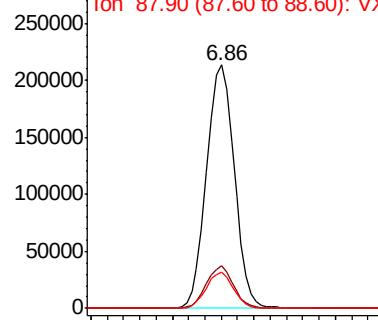
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	47.4
88	14.9	0.0	33.0

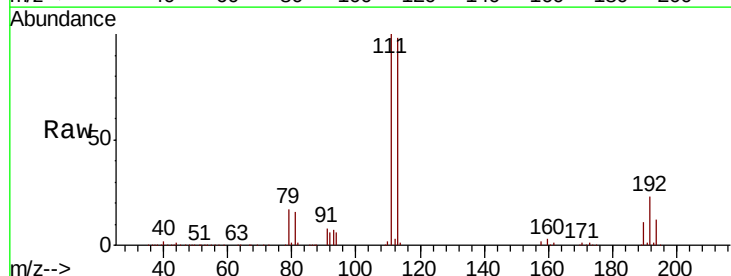


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

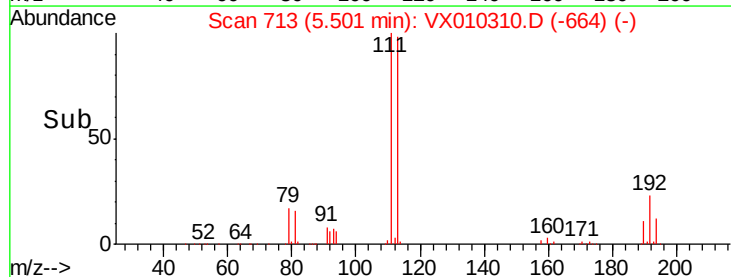
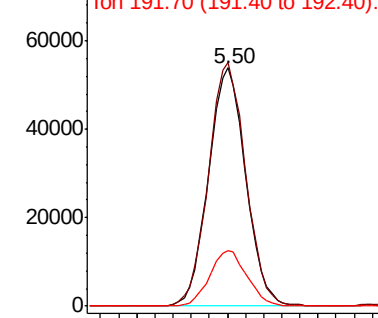


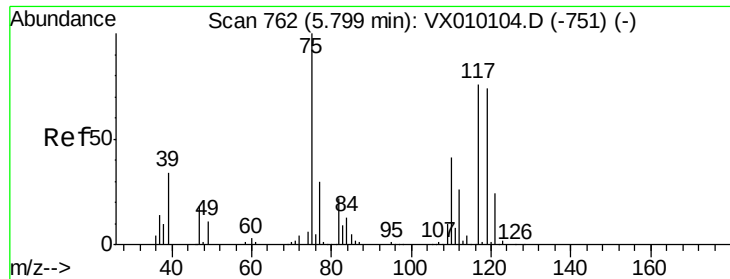
#35
Dibromofluoromethane
Concen: 49.132 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	23.2	17.1	25.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.872 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

WASTE-TANK

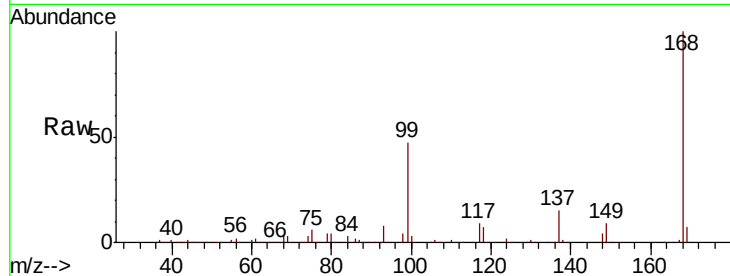
Tot Ion: 75 Resp: 20082

Ion Ratio Lower Upper

75 100

110 10.6 16.7 50.1#

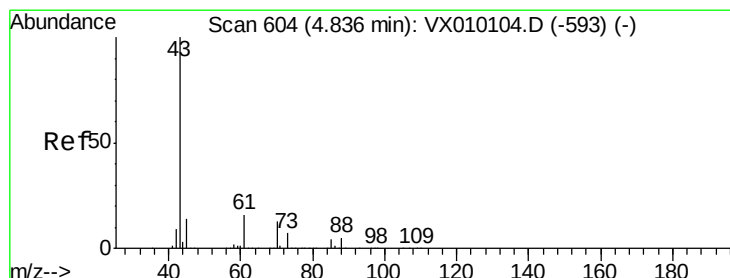
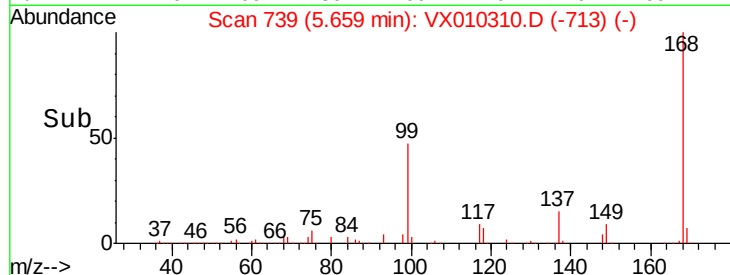
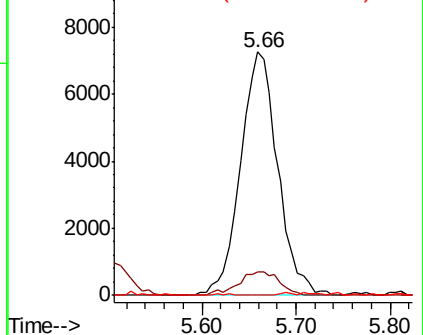
77 0.0 25.0 37.4#



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



#37

Ethyl Acetate

Concen: 23.141 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.16 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

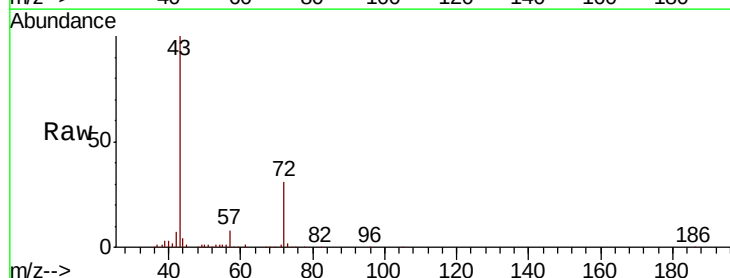
Tgt Ion: 43 Resp: 99244

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.2#

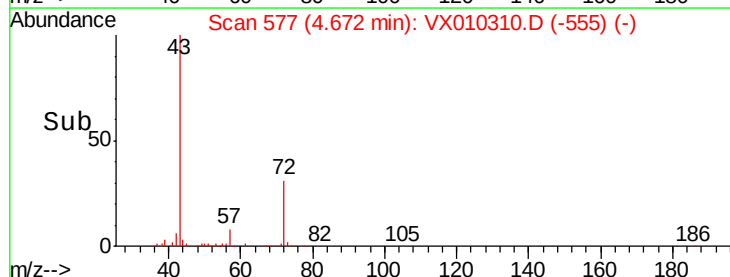
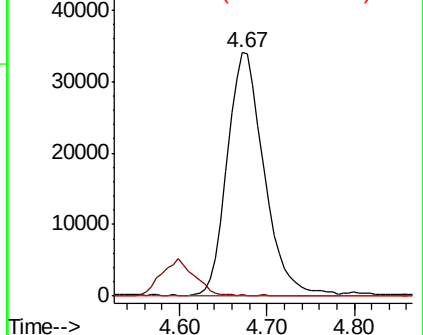
70 0.0 7.4 11.2#

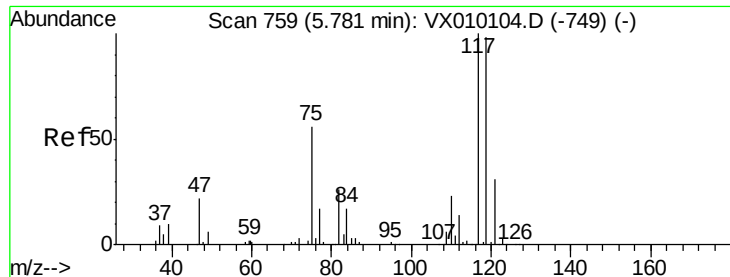


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.261 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampled :

WASTE-TANK

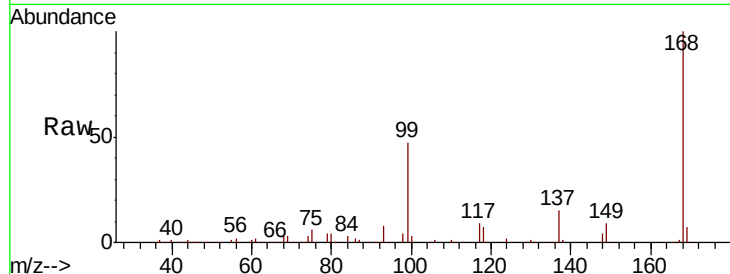
Tot Ion:117 Resp: 29210

Ion Ratio Lower Upper

117 100

119 5.5 77.3 115.9#

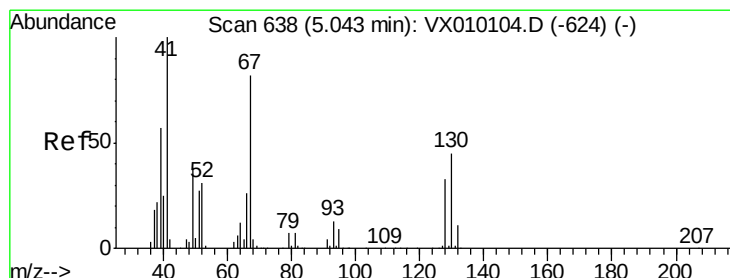
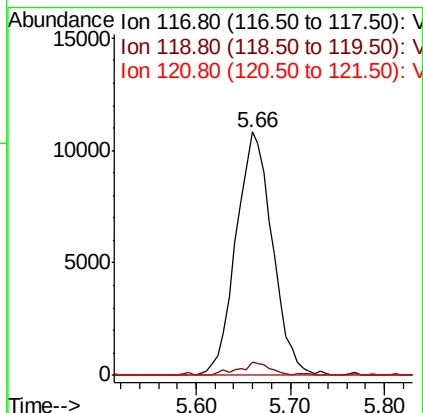
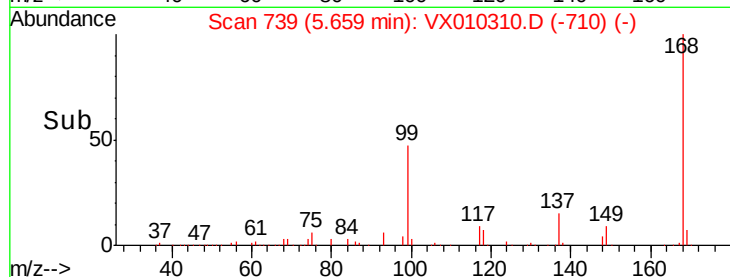
121 0.0 25.4 38.0#



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



#41

Methacrylonitrile

Concen: 15.905 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.09 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Tgt Ion: 41 Resp: 36899

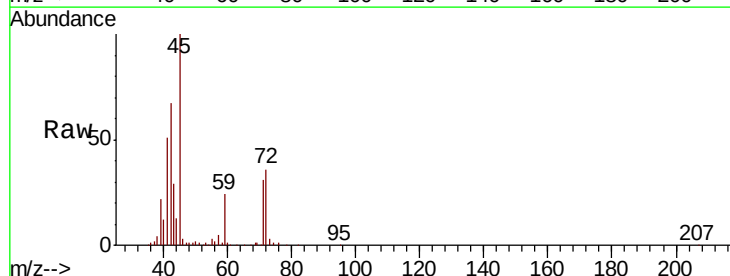
Ion Ratio Lower Upper

41 100

39 46.0 42.2 63.4

67 0.2 48.9 73.3#

52 0.0 20.1 30.1#

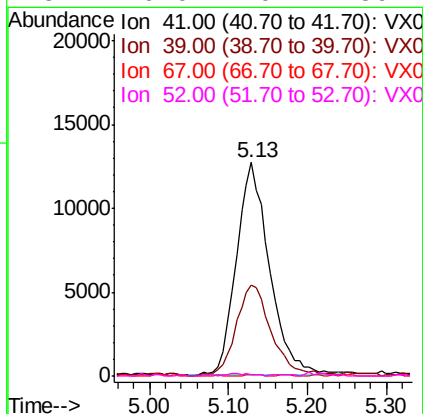
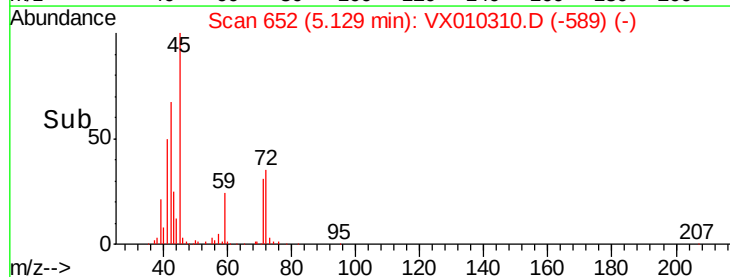


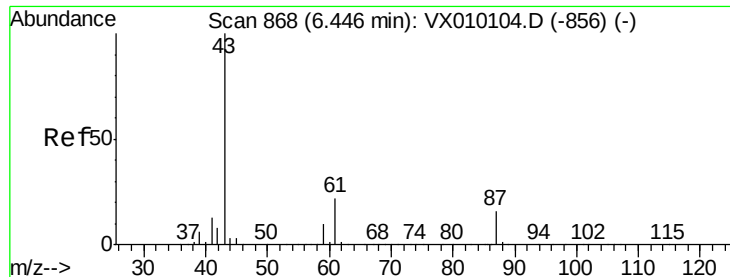
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 0.376 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.02 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampled :

WASTE-TANK

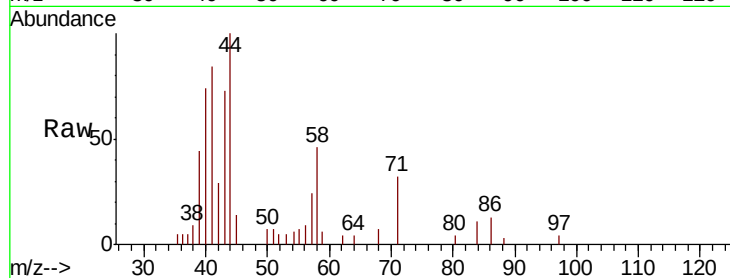
Tot Ion: 43 Resp: 2698

Ion Ratio Lower Upper

43 100

61 1.7 14.6 21.8#

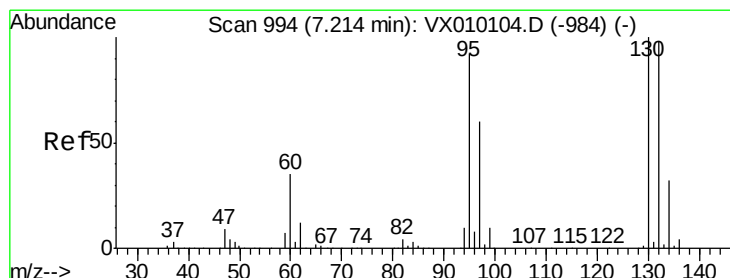
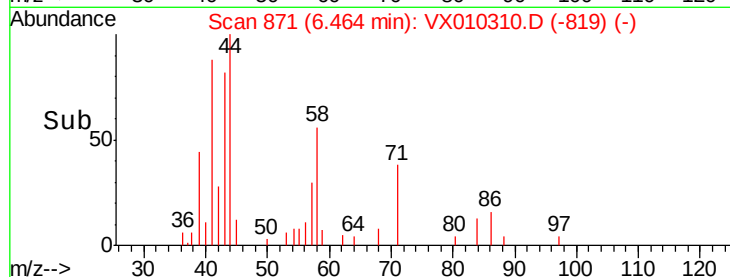
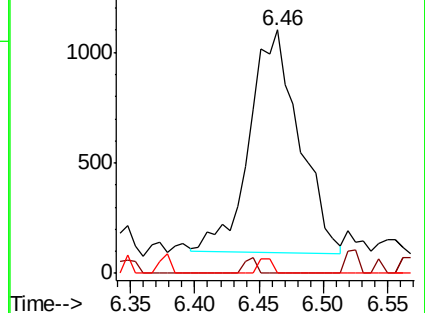
87 1.8 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.532 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010310.D

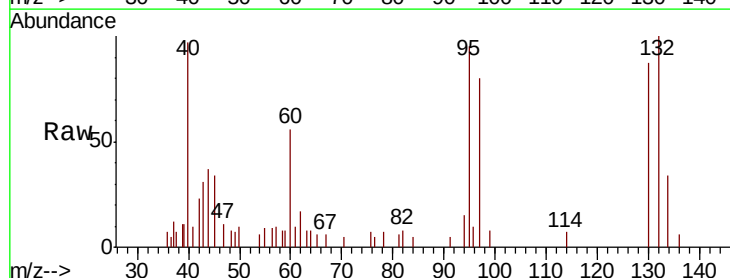
Acq: 14 Jun 2019 18:59

Tgt Ion:130 Resp: 2042

Ion Ratio Lower Upper

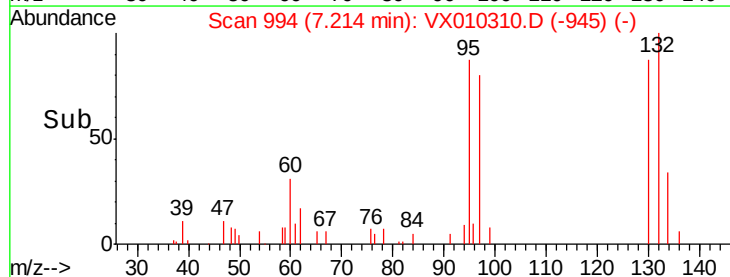
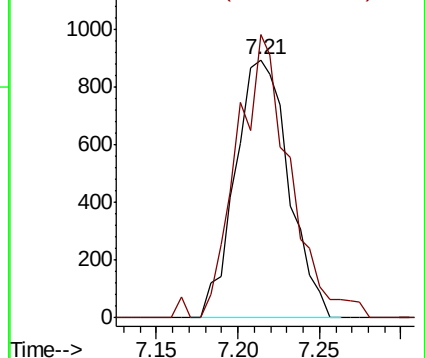
130 100

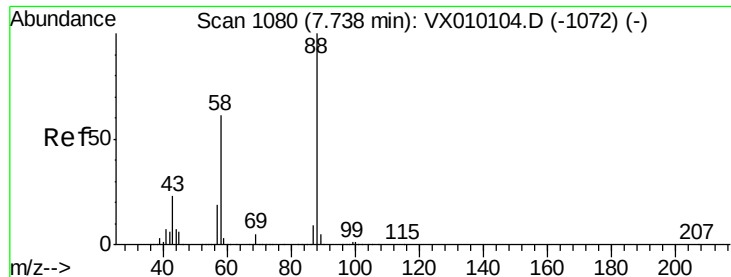
95 109.6 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

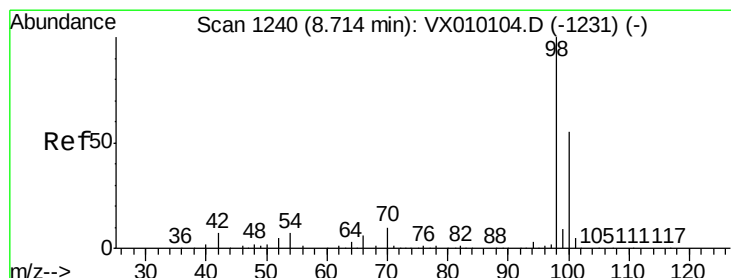
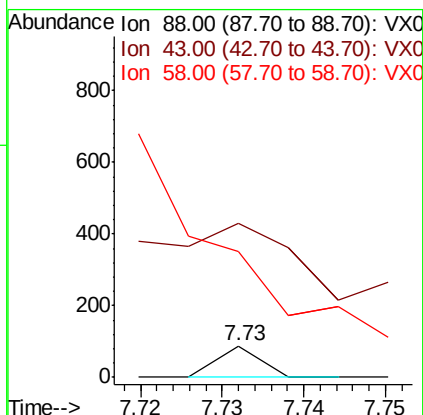
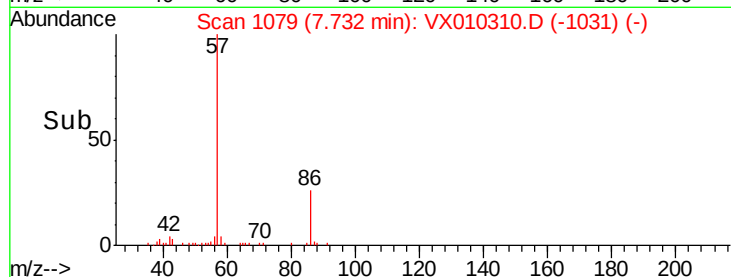
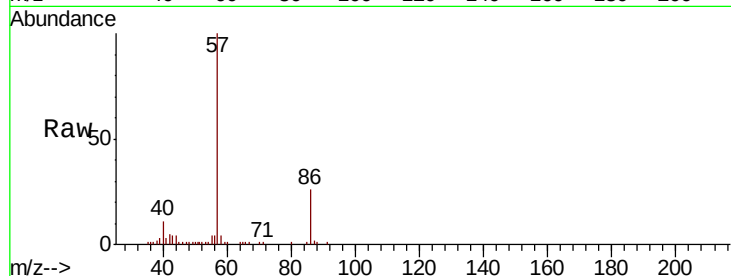




#49
1,4-Dioxane
Concen: 0.335 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

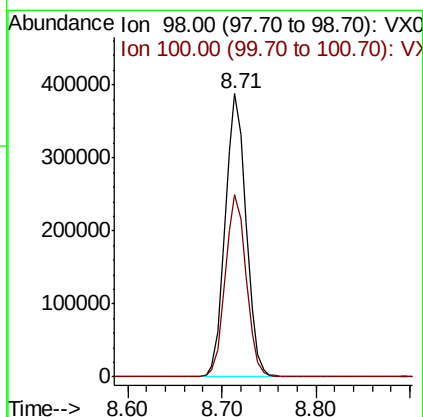
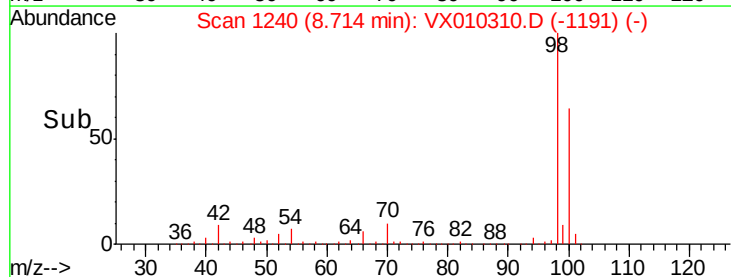
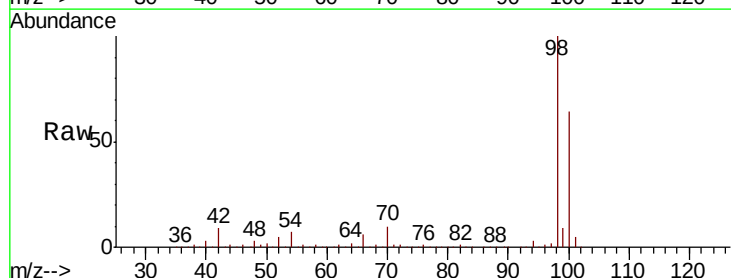
Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK

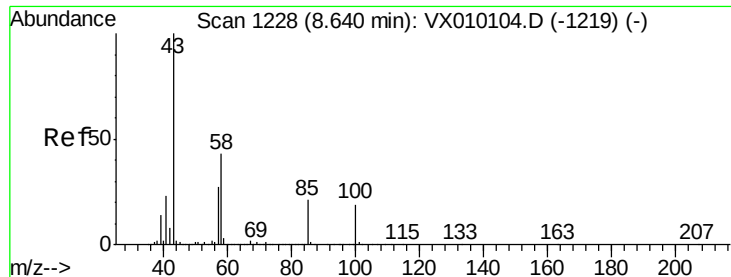
Tot Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 2225.0 30.2 45.4#
58 3659.4 64.0 96.0#



#50
Toluene-d8
Concen: 51.126 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

Tgt Ion: 98 Resp: 597131
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3

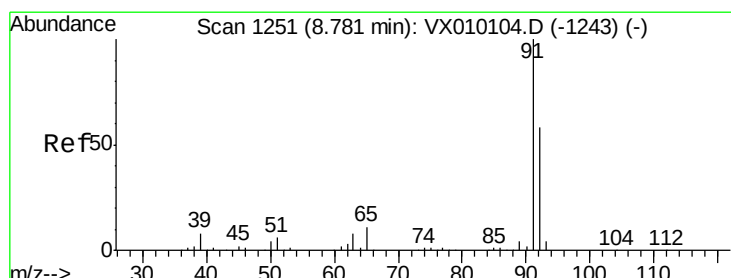
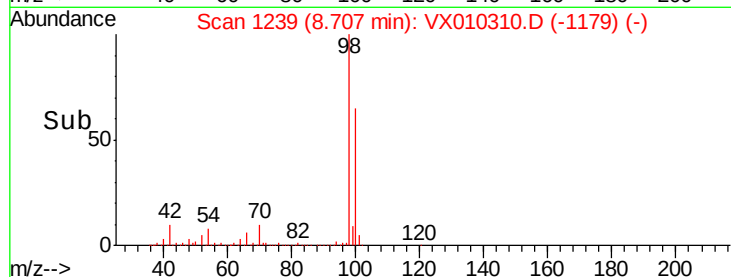
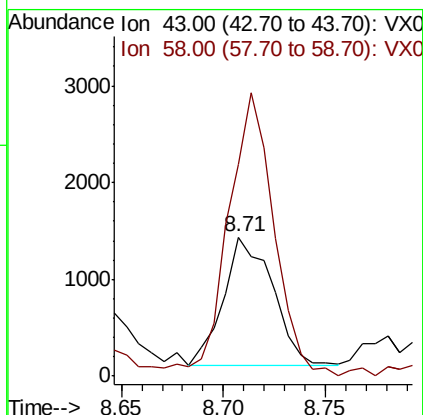
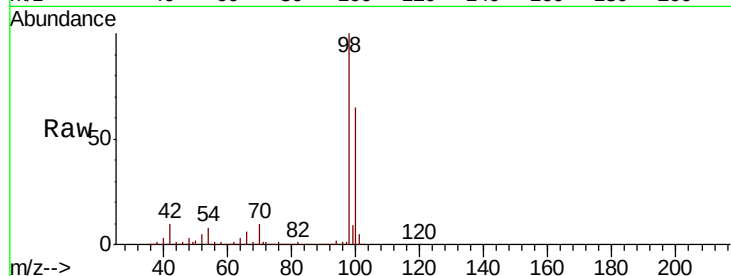




#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. 0.07 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

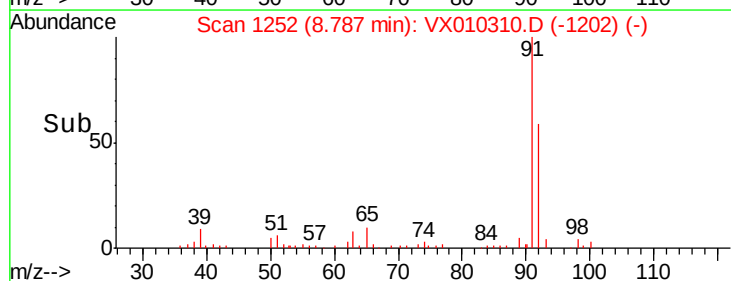
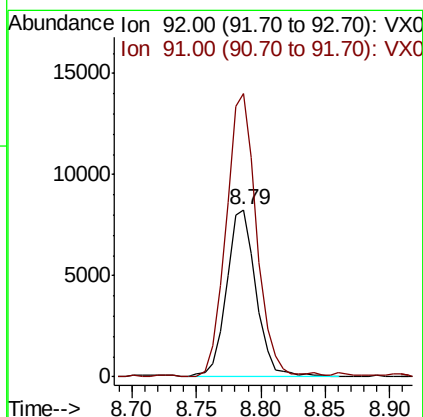
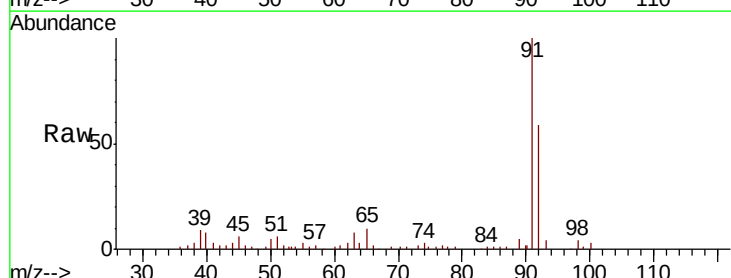
Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK

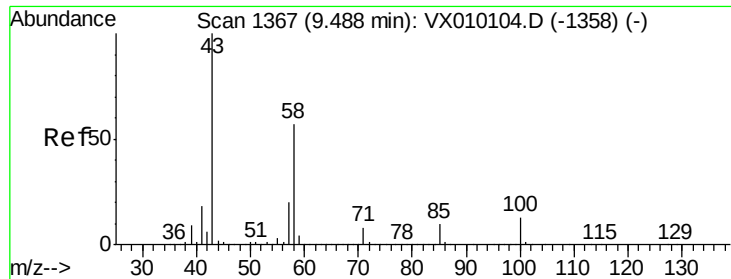
Tot Ion: 43 Resp: 2206
Ion Ratio Lower Upper
43 100
58 206.8 28.8 43.2#



#52
Toluene
Concen: 1.588 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

Tgt Ion: 92 Resp: 13302
Ion Ratio Lower Upper
92 100
91 174.6 139.9 209.9

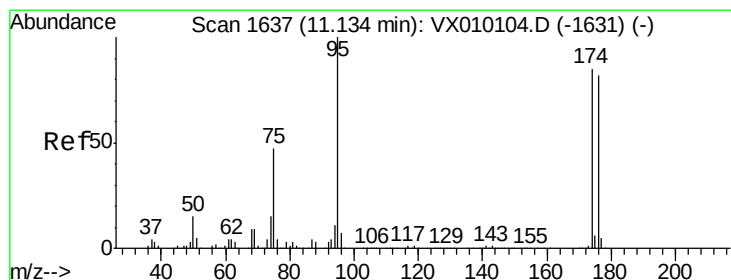
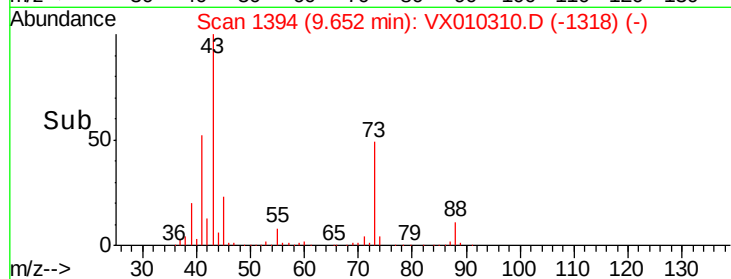
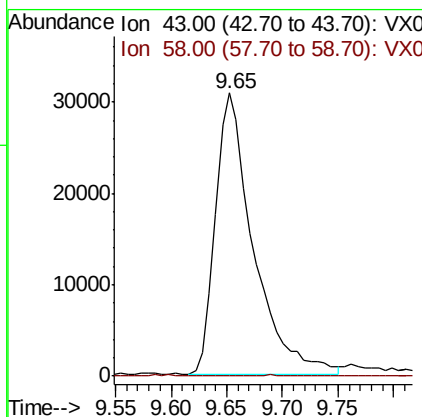
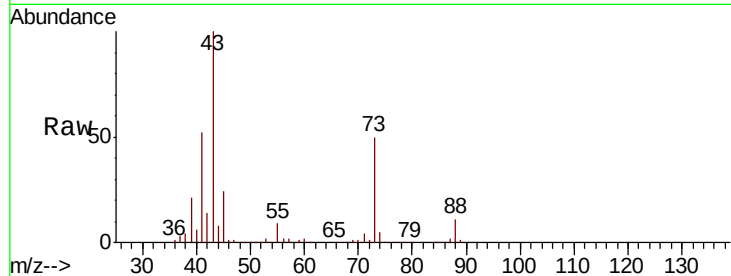




#59
2-Hexanone
Concen: 21.392 ug/l
RT: 9.65 min Scan# 1394
Delta R.T. 0.16 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

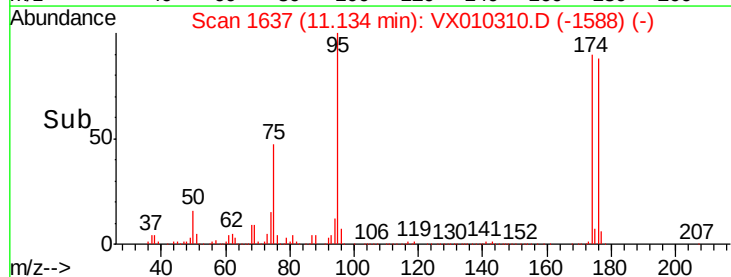
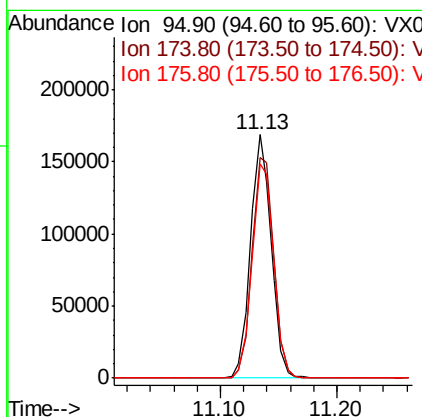
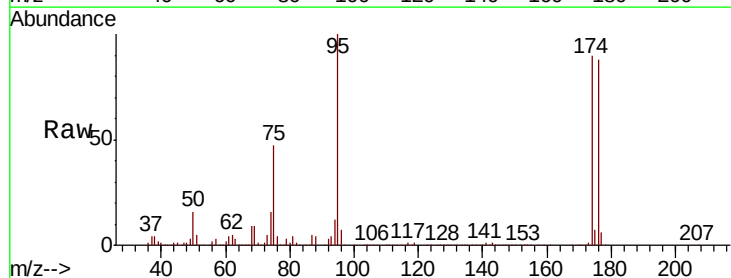
Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK

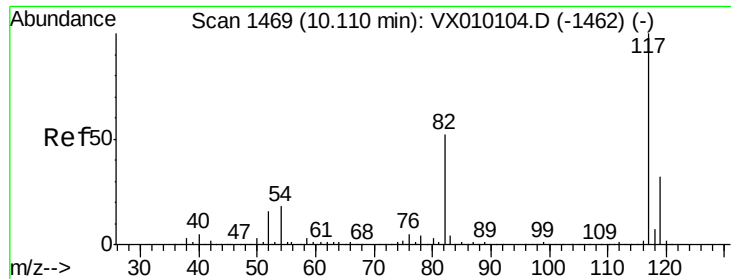
Tot Ion: 43 Resp: 73065
Ion Ratio Lower Upper
43 100
58 0.3 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 48.162 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

Tgt Ion: 95 Resp: 210073
Ion Ratio Lower Upper
95 100
174 95.1 0.0 160.4
176 91.8 0.0 154.6

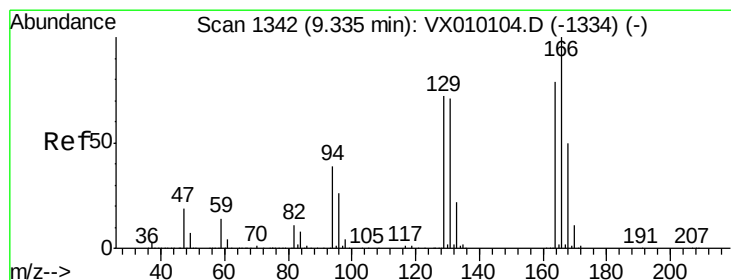
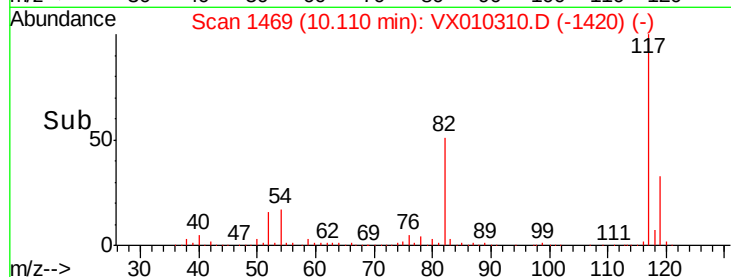
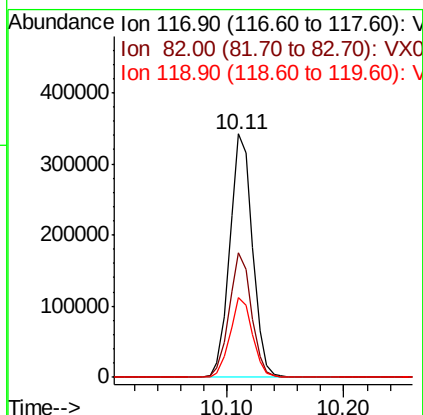
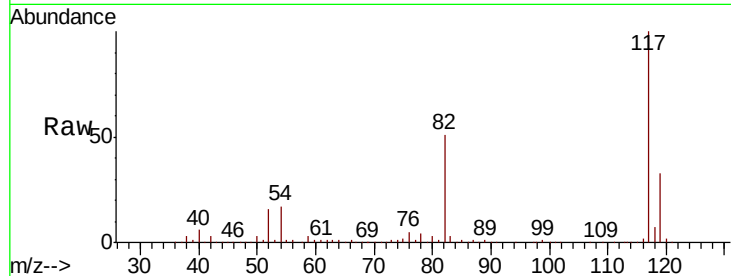




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

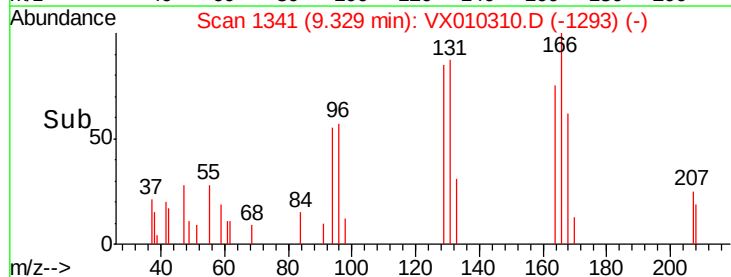
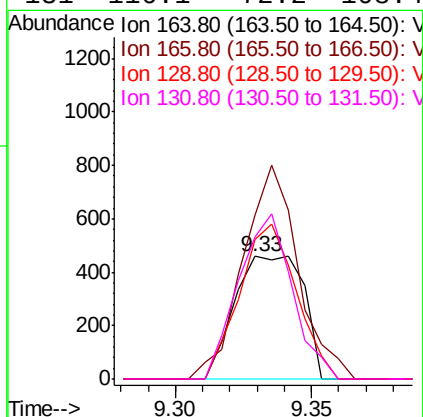
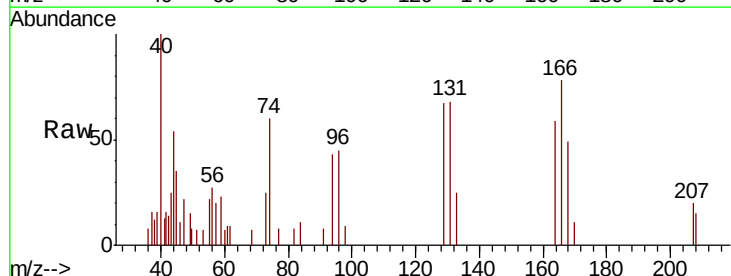
Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK

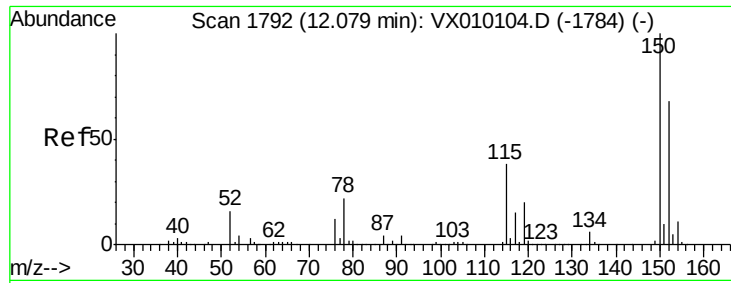
Tot Ion:117 Resp: 464986
Ion Ratio Lower Upper
117 100
82 51.3 49.2 73.8
119 32.5 25.2 37.8



#64
Tetrachloroethene
Concen: 0.232 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

Tgt Ion:164 Resp: 802
Ion Ratio Lower Upper
164 100
166 133.9 105.0 157.4
129 113.7 75.1 112.7#
131 116.1 72.2 108.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

WASTE-TANK

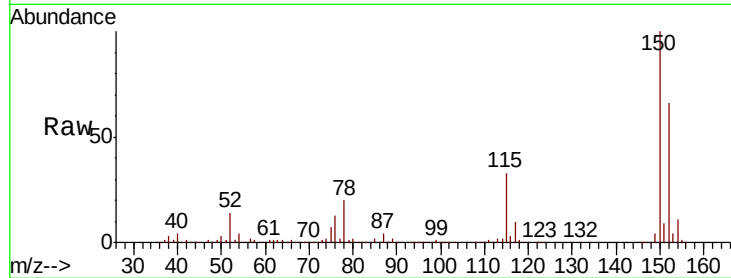
Tot Ion:152 Resp: 228976

Ion Ratio Lower Upper

152 100

115 53.8 41.4 124.2

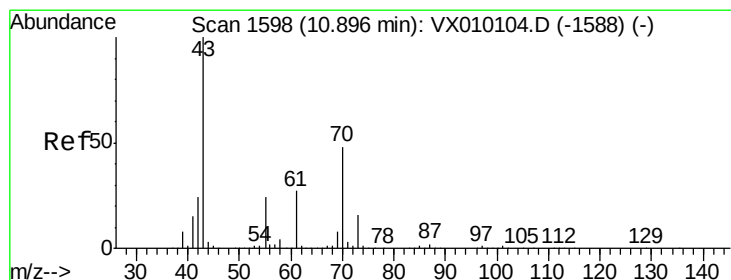
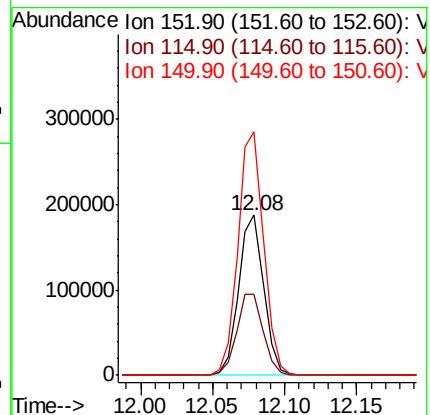
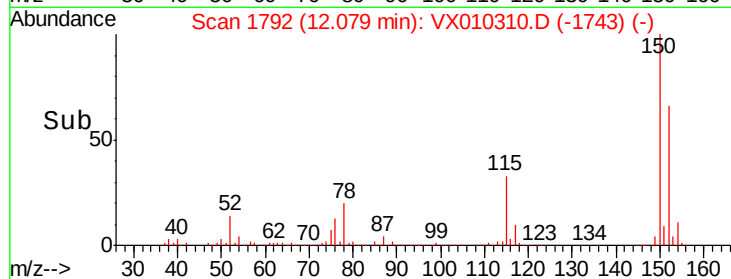
150 156.0 0.0 345.2



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-amyl acetate

Concen: 0.252 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Tgt Ion: 43 Resp: 1594

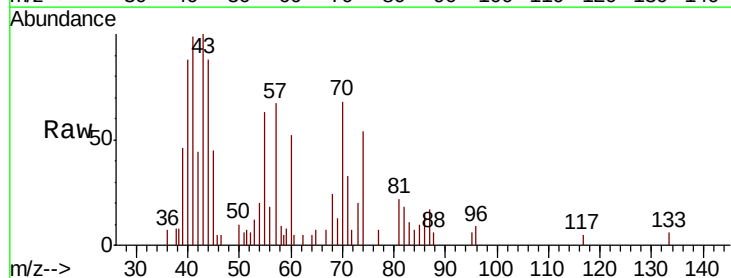
Ion Ratio Lower Upper

43 100

70 99.3 28.6 43.0#

55 56.2 17.8 26.8#

61 0.0 17.7 26.5#

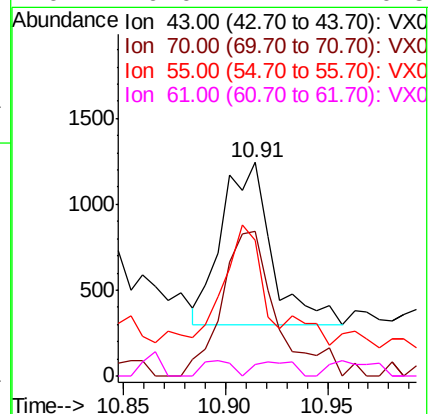
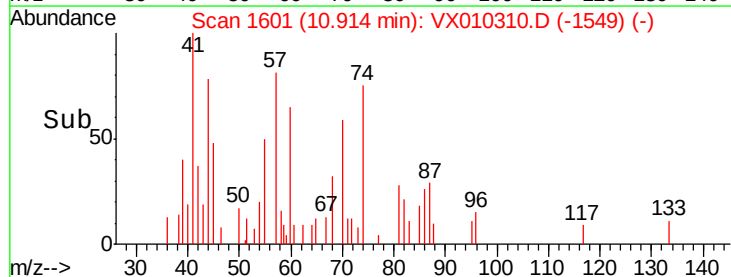


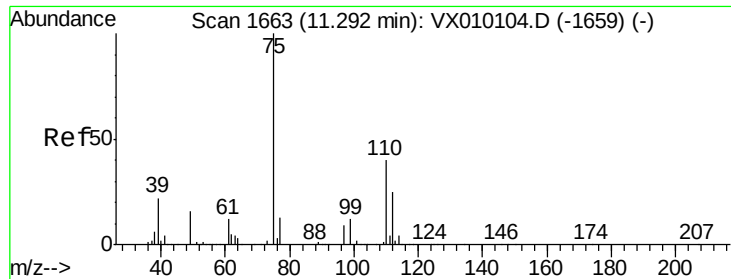
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.154 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

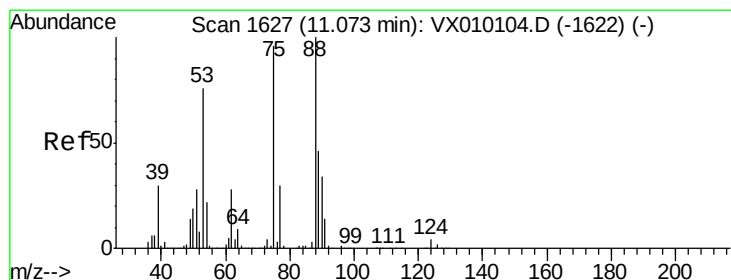
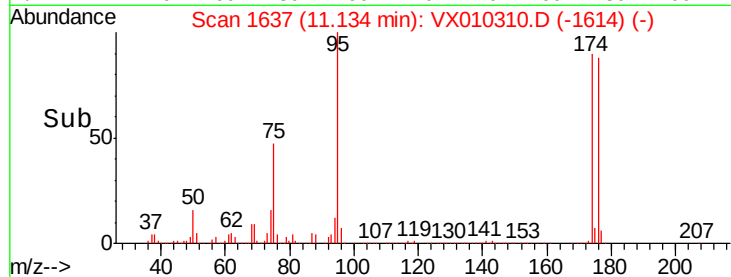
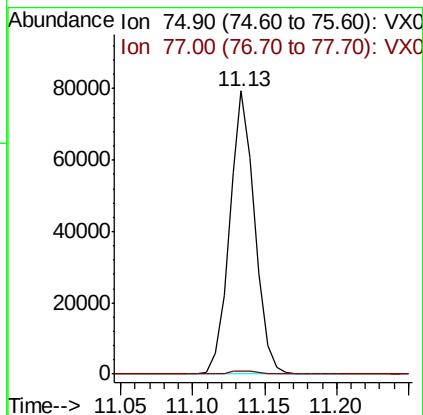
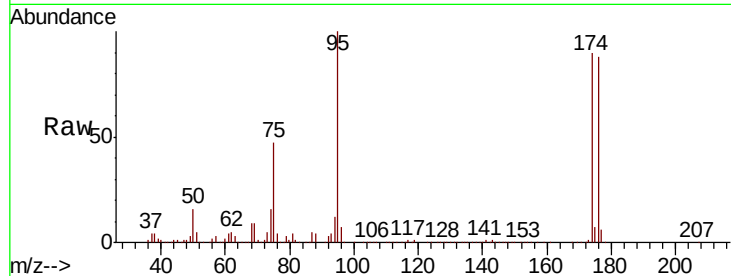
WASTE-TANK

Tot Ion: 75 Resp: 96886

Ion Ratio Lower Upper

75 100

77 1.5 22.1 66.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 46.739 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

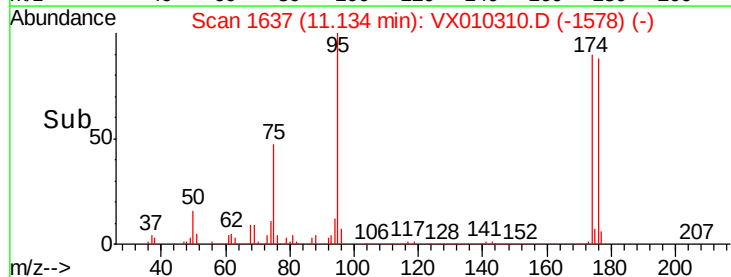
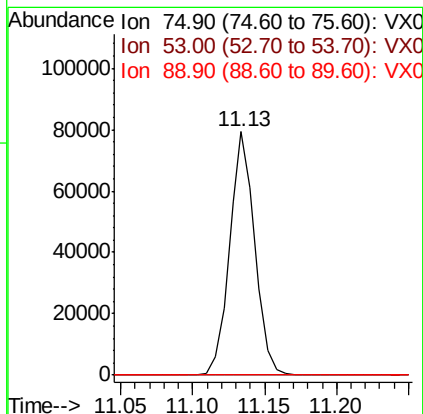
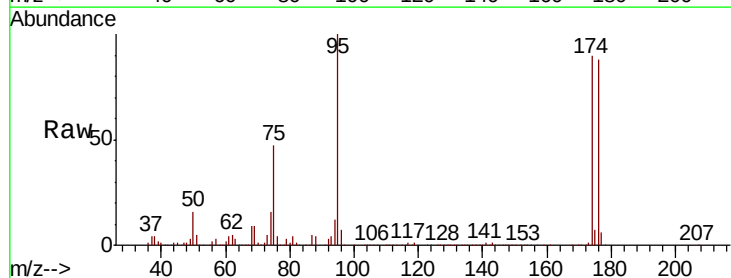
Tgt Ion: 75 Resp: 96886

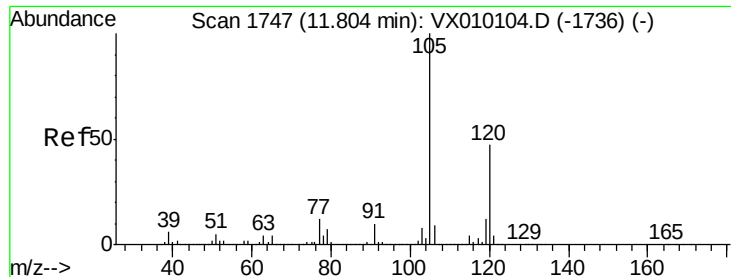
Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 34.2 51.4#

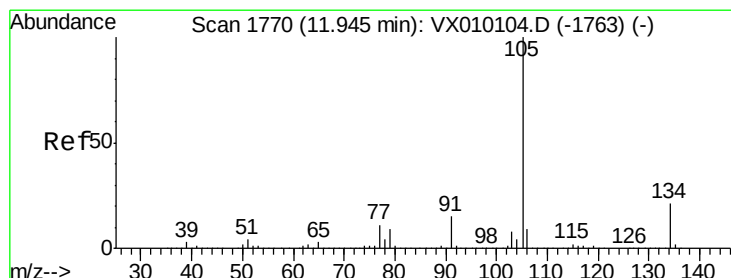
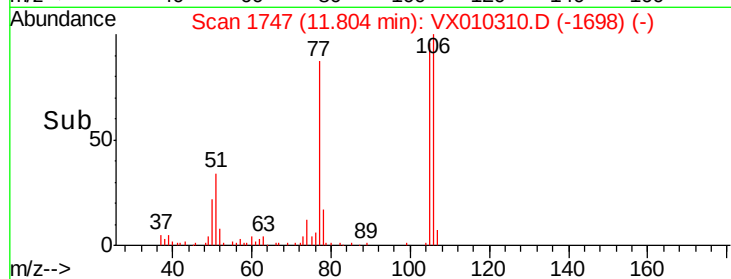
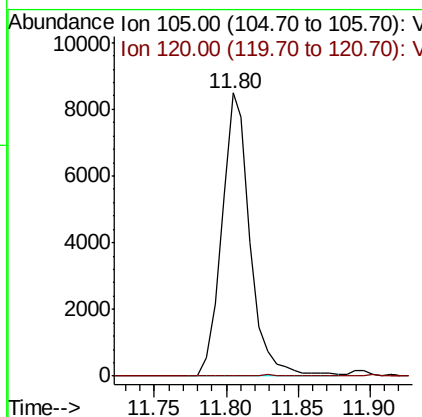
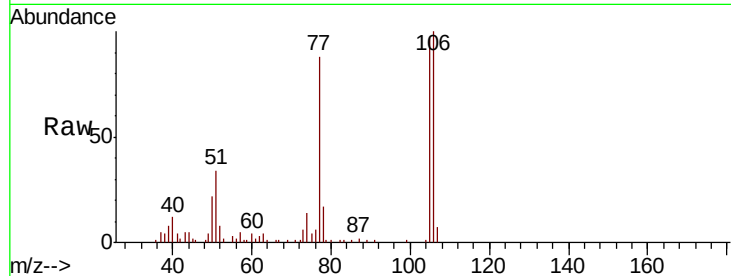




#84
 1,2,4-Trimethylbenzene
 Concen: 0.860 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010310.D
 Acq: 14 Jun 2019 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-TANK

Tot Ion:105 Resp: 11695
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.1 66.1#



#85
 sec-Butylbenzene
 Concen: 0.737 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX010310.D
 Acq: 14 Jun 2019 18:59

Tgt Ion:105 Resp: 11695
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 28.9#

