

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043019\
 Data File : VX009240.D
 Acq On : 30 Apr 2019 12:57
 Operator : JC/SP
 Sample : K2618-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FERMENTATION-WASTE

Quant Time: May 01 01:21:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	213713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132470	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	138075	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	5.49	113	102529	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	8.71	98	427927	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	146802	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.40	62	594	0.227	ug/l #	82
5) Bromomethane	1.64	94	748	0.475	ug/l #	71
6) Chloroethane	1.72	64	1112	0.661	ug/l #	47
10) Methyl Iodide	2.52	142	543	4.806	ug/l #	85
11) Tert butyl alcohol	3.06	59	527	0.780	ug/l #	86
13) Acrolein	2.29	56	158	0.258	ug/l #	1
14) Allyl chloride	2.71	41	8974	1.836	ug/l #	54
15) Acrylonitrile	3.16	53	563	0.341	ug/l #	51
16) Acetone	2.44	43	38206	24.389	ug/l	98
17) Carbon Disulfide	2.57	76	2747	0.488	ug/l #	94
18) Methyl Acetate	2.78	43	10146	2.723	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	469	0.216	ug/l #	57
25) 2-Butanone	4.68	43	49017	20.135	ug/l	97
28) Bromochloromethane	5.00	49	44	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	3882	2.478	ug/l #	89
36) 1,1-Dichloropropene	5.66	75	16648	5.233	ug/l #	50
37) Ethyl Acetate	4.79	43	8515	1.921	ug/l #	71
38) Carbon Tetrachloride	5.66	117	20074	6.945	ug/l #	16
44) Trichloroethene	7.21	130	478	0.201	ug/l	90
49) 1,4-Dioxane	7.75	88	165	2.313	ug/l	94
59) 2-Hexanone	9.50	43	776	0.213	ug/l	94
60) Dibromochloromethane	9.34	129	724	0.304	ug/l #	11
64) Tetrachloroethene	9.34	164	720	0.348	ug/l #	84
68) m/p-Xylenes	10.36	106	1029	0.254	ug/l	98
74) N-amyl acetate	10.75	43	1550	0.276	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	74014	24.087	ug/l #	34
78) n-propylbenzene	11.36	91	2219	0.202	ug/l	97
79) 2-Chlorotoluene	11.42	91	1372	0.202	ug/l	88
81) trans-1,4-Dichloro-2-buten	11.13	75	74014	61.629	ug/l #	11
82) 4-Chlorotoluene	11.51	91	1848	0.241	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	1888	0.232	ug/l	98
86) p-Isopropyltoluene	12.06	119	2032	0.242	ug/l #	72
87) 1,3-Dichlorobenzene	12.02	146	1505	0.353	ug/l	95
88) 1,4-Dichlorobenzene	12.02	146	1505	0.350	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

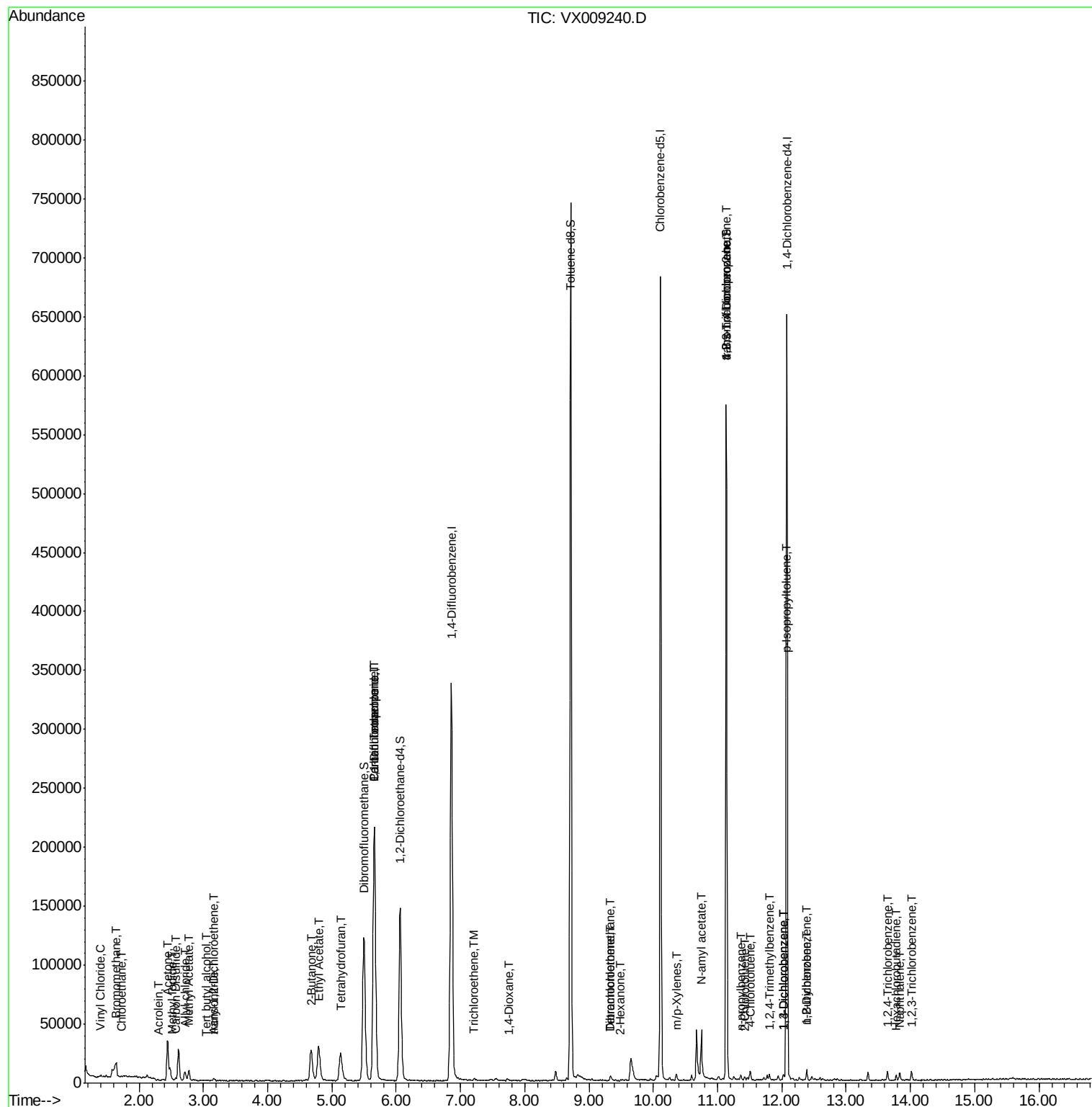
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	2399	0.316	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	1116	0.257	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	1873	0.631	ug/l	94
94) Hexachlorobutadiene	13.78	225	663	0.437	ug/l	100
95) Naphthalene	13.83	128	3786	0.392	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.02	180	1572	0.522	ug/l	92

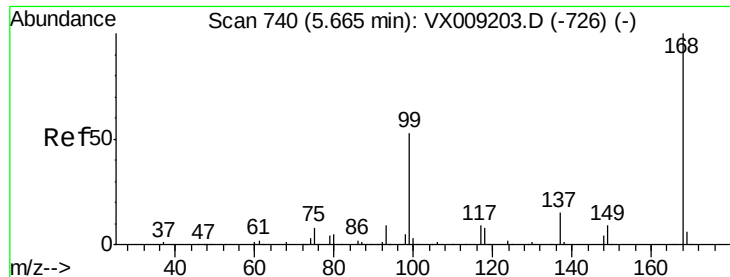
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

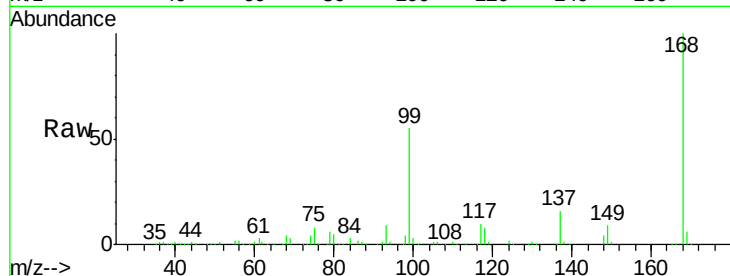
FERMENTATION-WASTE

Tot Ion:168 Resp: 213713

Ion Ratio Lower Upper

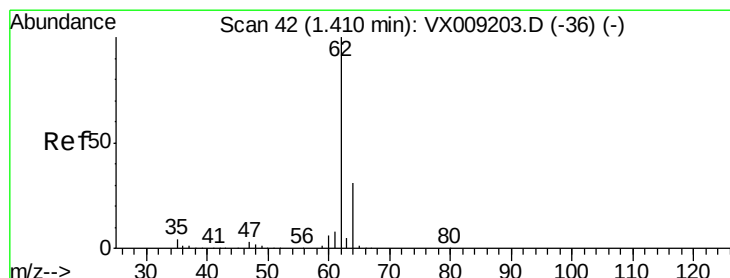
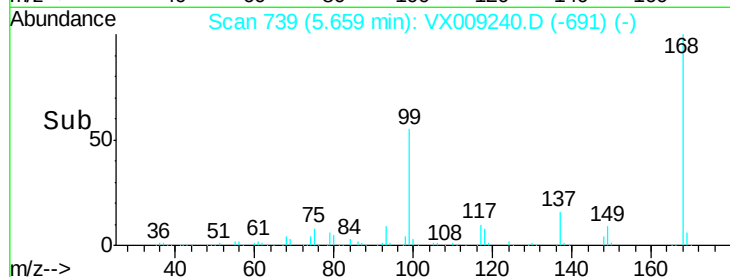
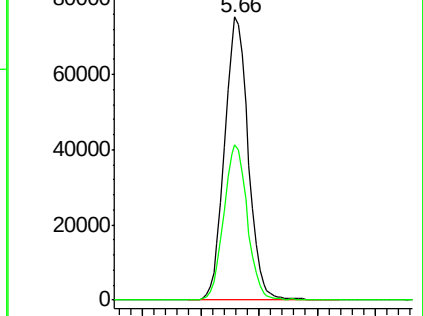
168 100

99 54.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.227 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009240.D

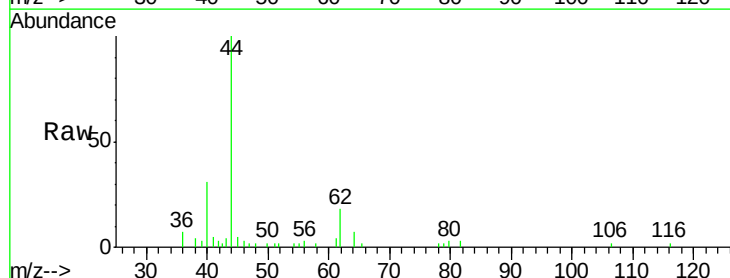
Acq: 30 Apr 2019 12:57

Tgt Ion: 62 Resp: 594

Ion Ratio Lower Upper

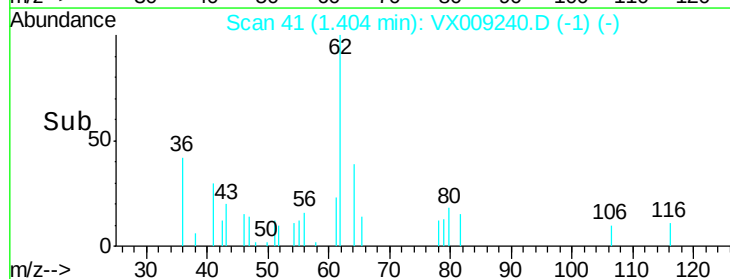
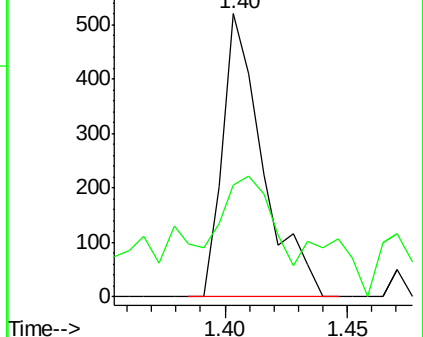
62 100

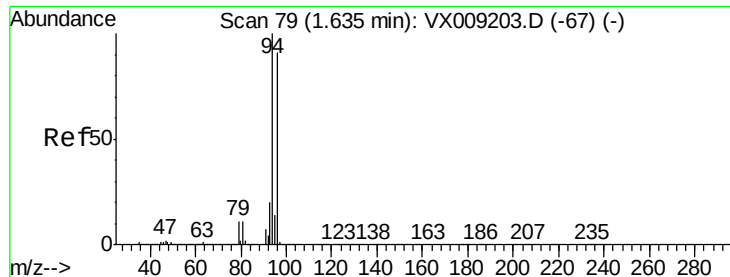
64 20.8 24.6 36.8#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.475 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

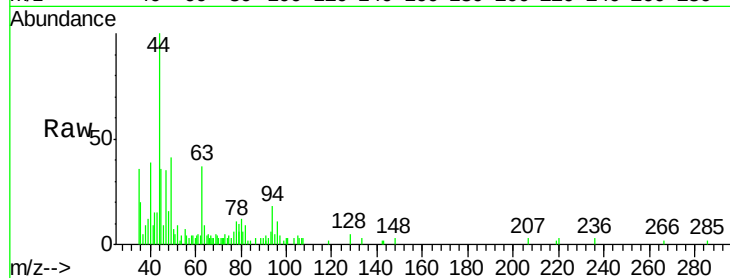
FERMENTATION-WASTE

Tot Ion: 94 Resp: 748

Ion Ratio Lower Upper

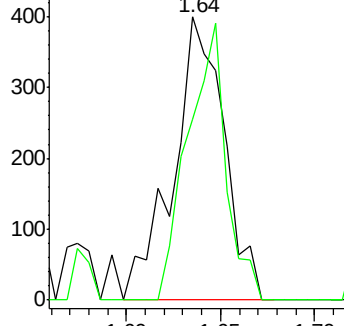
94 100

96 64.2 73.0 109.6#

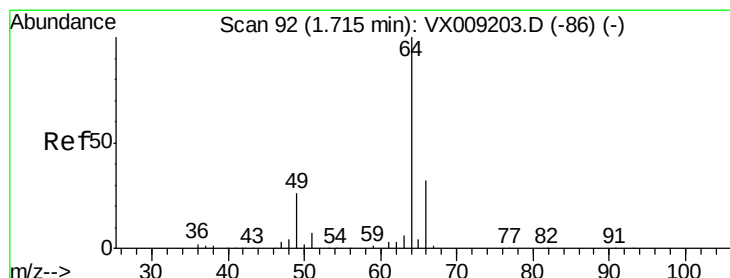
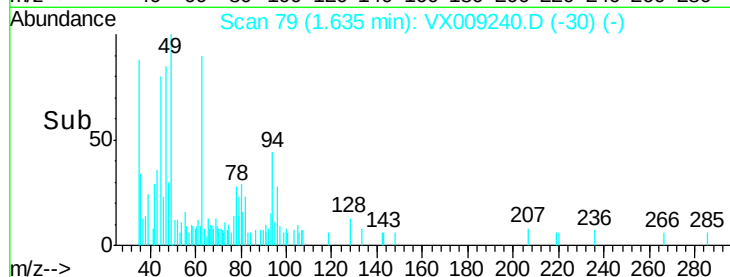


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 0.661 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009240.D

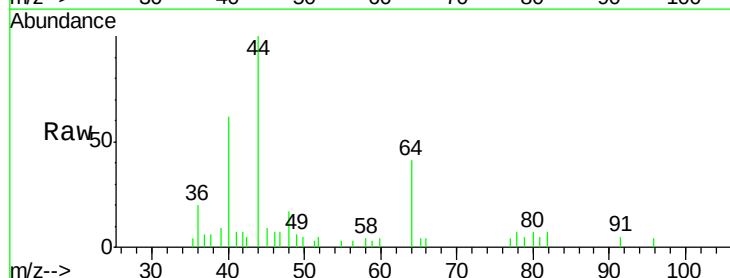
Acq: 30 Apr 2019 12:57

Tgt Ion: 64 Resp: 1112

Ion Ratio Lower Upper

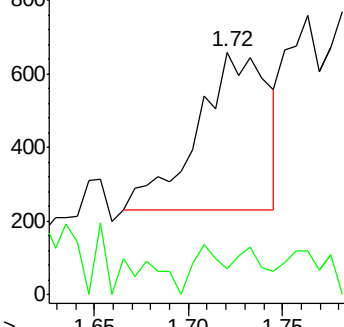
64 100

66 2.1 25.3 37.9#

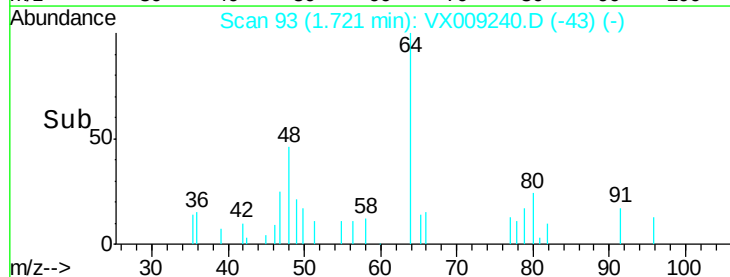


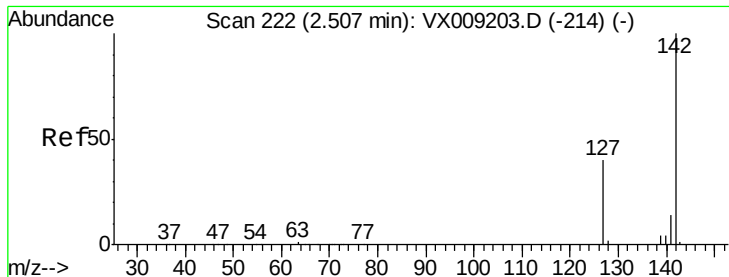
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->

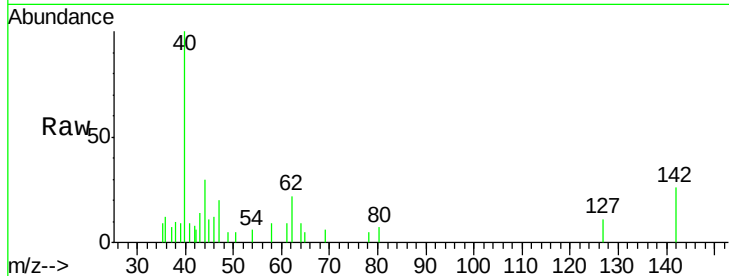




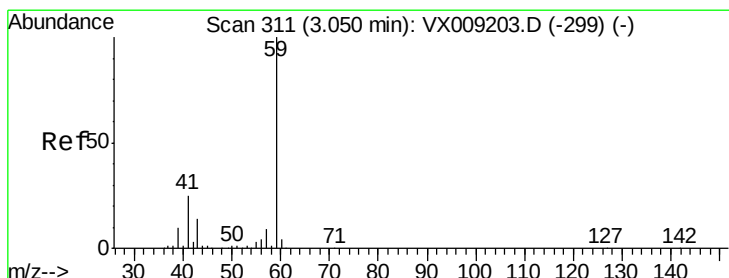
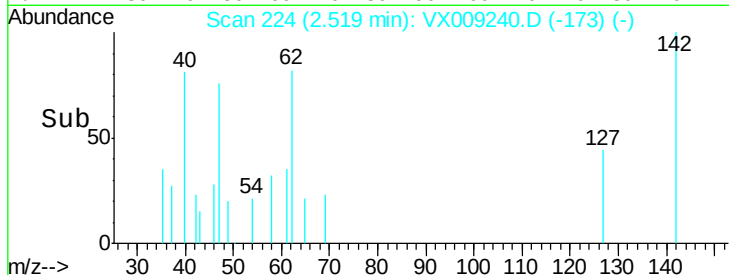
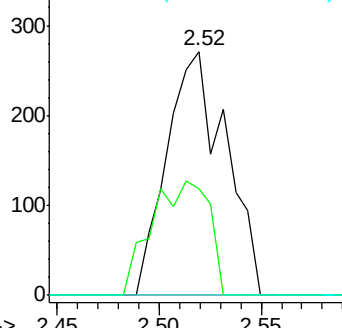
#10
Methvl Iodide
Concen: 4.806 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009240.D
Acq: 30 Apr 2019 12:57

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FERMENTATION-WASTE

Tot Ion:142 Resp: 543
Ion Ratio Lower Upper
142 100
127 46.2 32.7 49.1
141 0.0 11.5 17.3#

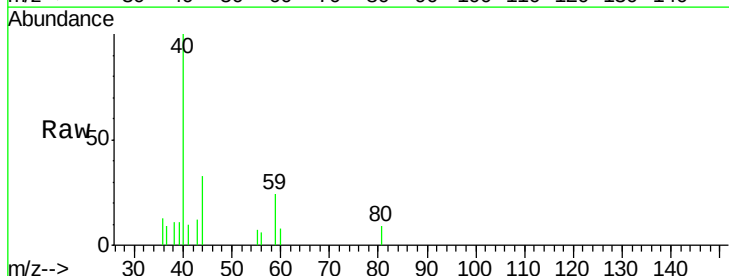


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

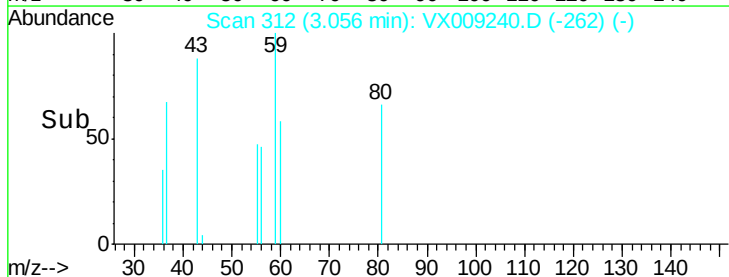
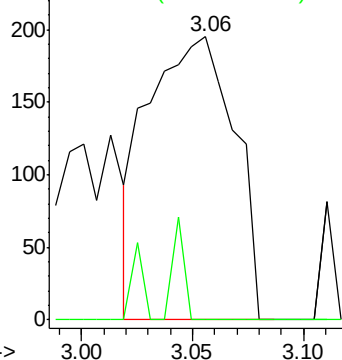


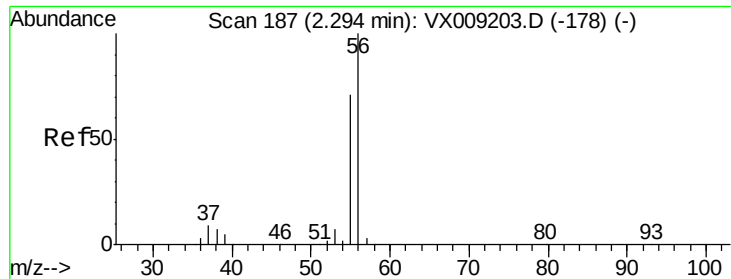
#11
Tert butyl alcohol
Concen: 0.780 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009240.D
Acq: 30 Apr 2019 12:57

Tgt Ion: 59 Resp: 527
Ion Ratio Lower Upper
59 100
57 4.9 8.2 12.2#



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





#13

Acrolein

Concen: 0.258 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

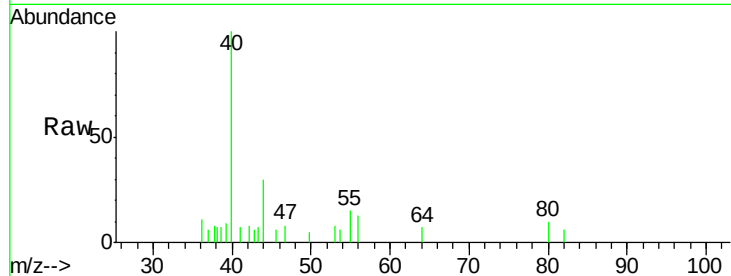
FERMENTATION-WASTE

Tot Ion: 56 Resp: 158

Ion Ratio Lower Upper

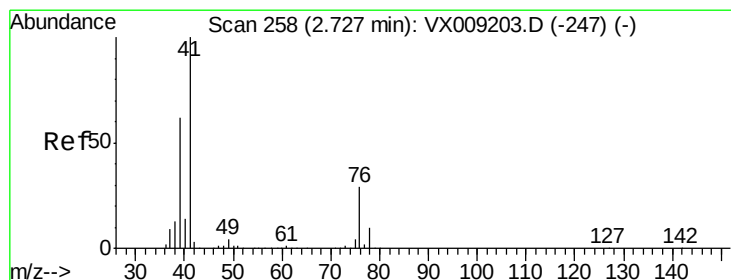
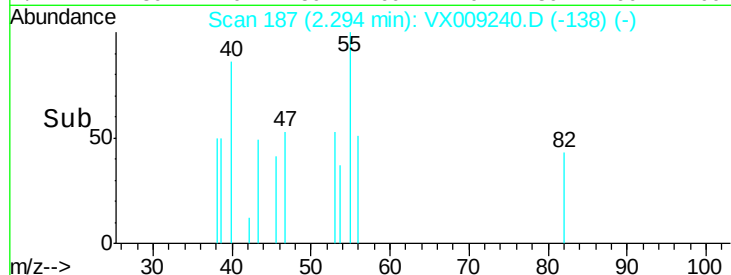
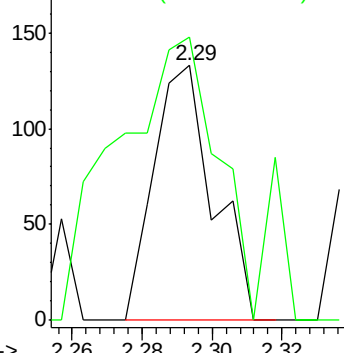
56 100

55 207.6 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.836 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

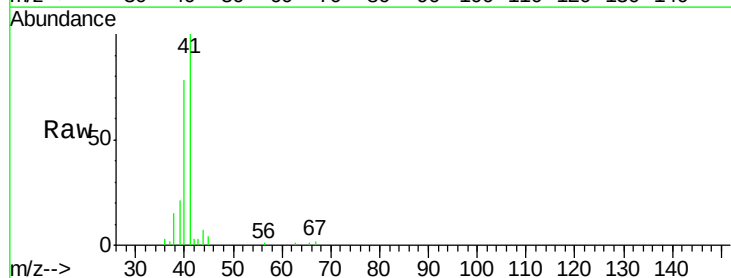
Tgt Ion: 41 Resp: 8974

Ion Ratio Lower Upper

41 100

39 26.2 46.7 70.1#

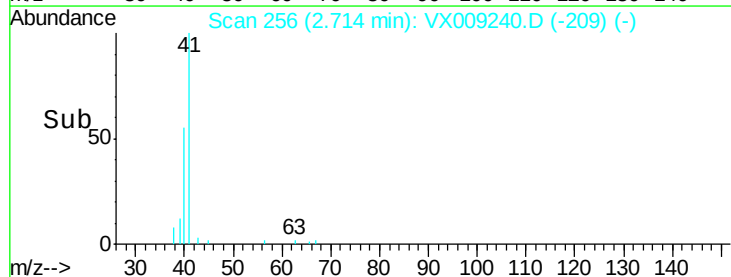
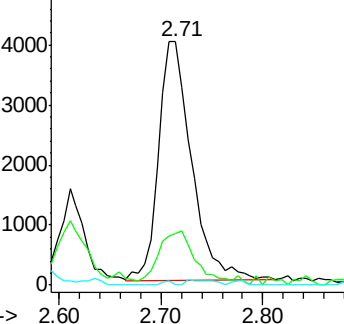
76 0.0 21.8 32.8#

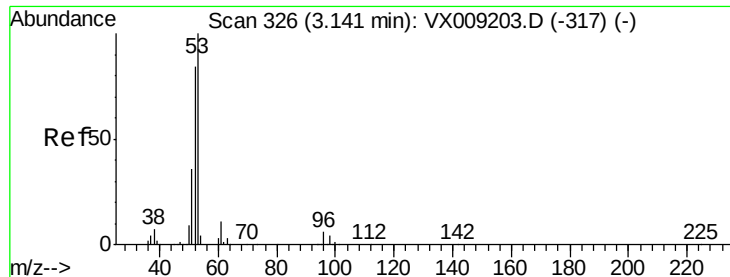


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 0.341 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.02 min

Lab File: VX009240.D

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ClientSampleId :

FERMENTATION-WASTE

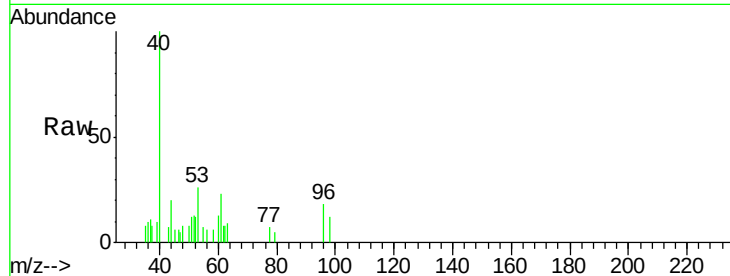
Tot Ion: 53 Resp: 563

Ion Ratio Lower Upper

53 100

52 134.3 66.9 100.3#

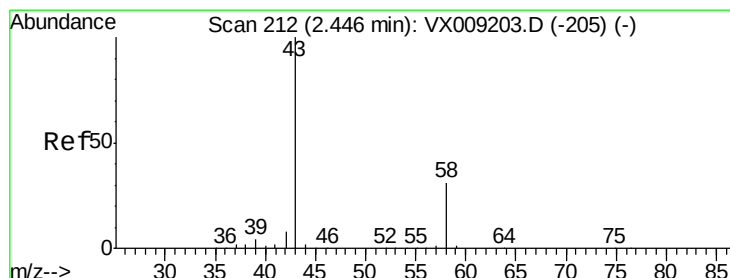
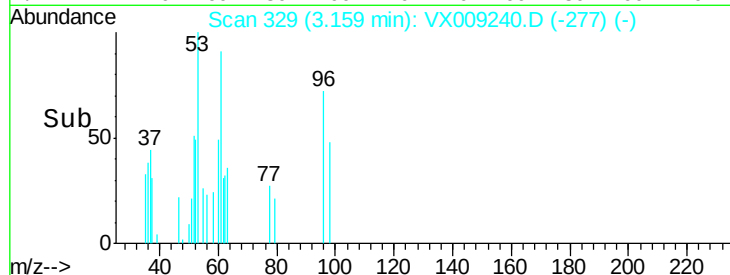
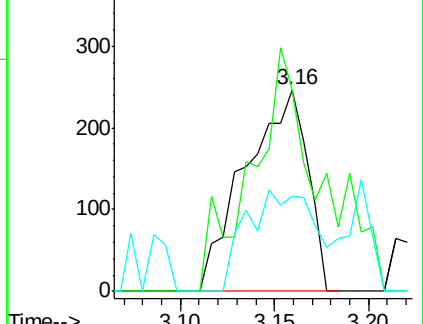
51 54.5 28.2 42.2#



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: 24.389 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009240.D

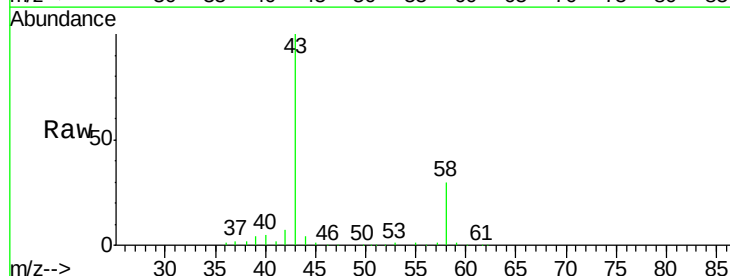
Acq: 30 Apr 2019 12:57

Tgt Ion: 43 Resp: 38206

Ion Ratio Lower Upper

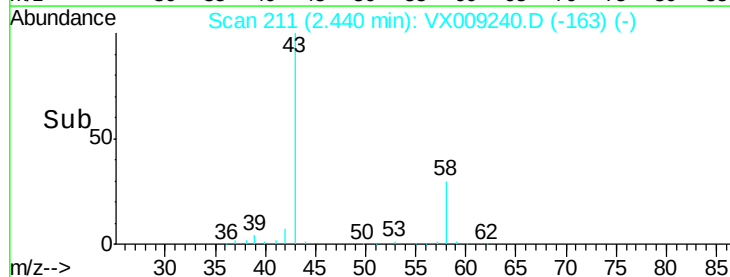
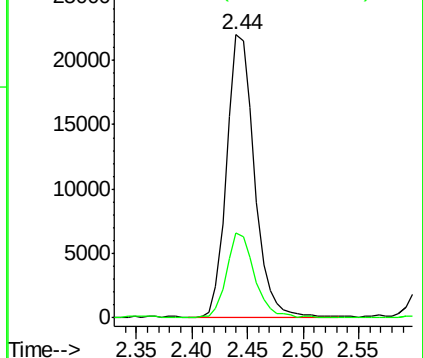
43 100

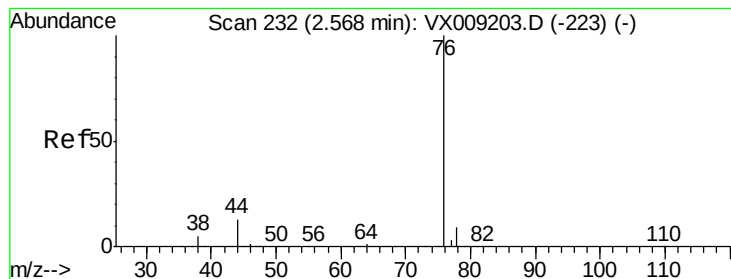
58 30.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.488 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009240.D

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ClientSampleId :

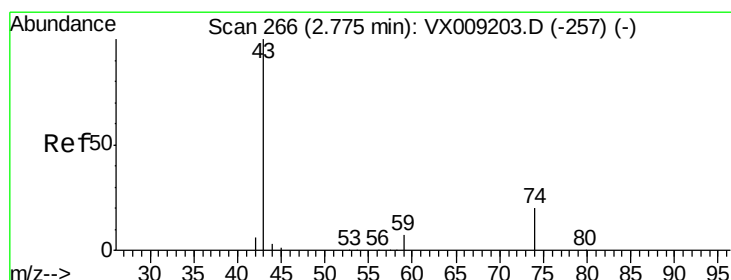
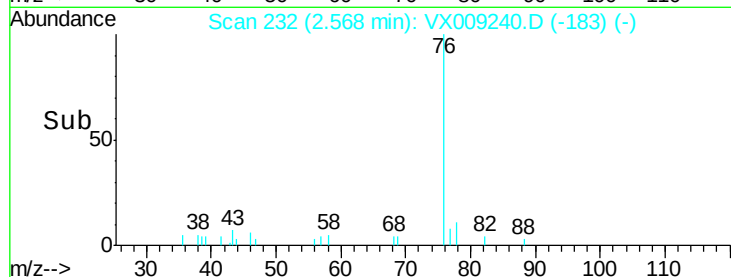
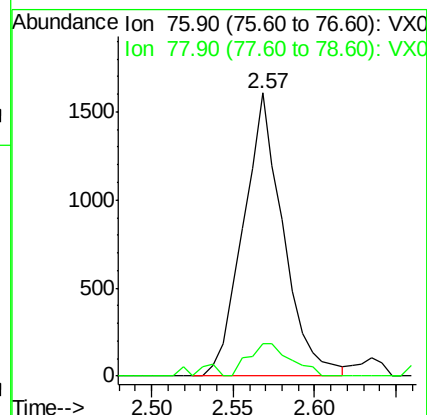
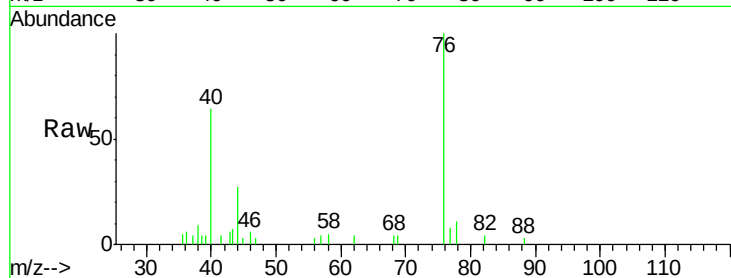
FERMENTATION-WASTE

Tot Ion: 76 Resp: 2747

Ion Ratio Lower Upper

76 100

78 11.4 7.4 11.0#



#18

Methyl Acetate

Concen: 2.723 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009240.D

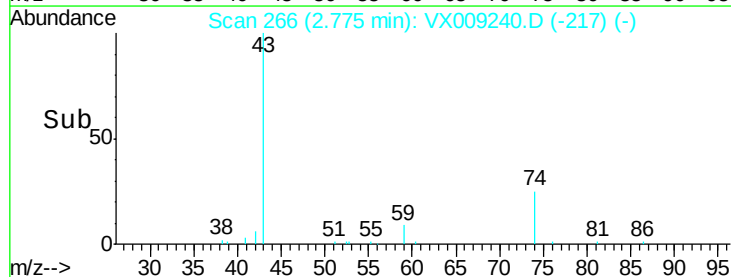
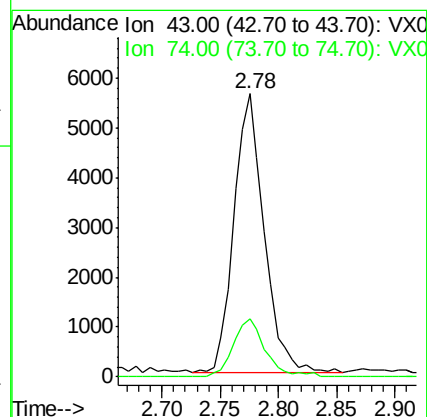
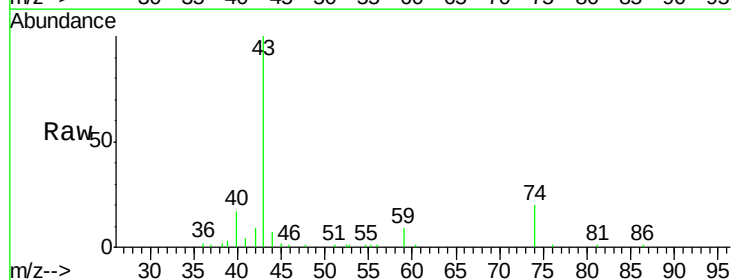
Acq: 30 Apr 2019 12:57

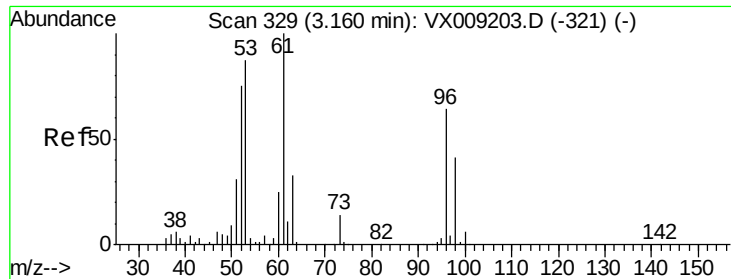
Tgt Ion: 43 Resp: 10146

Ion Ratio Lower Upper

43 100

74 22.1 16.2 24.4





#21

trans-1,2-Dichloroethene

Concen: 0.216 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

FERMENTATION-WASTE

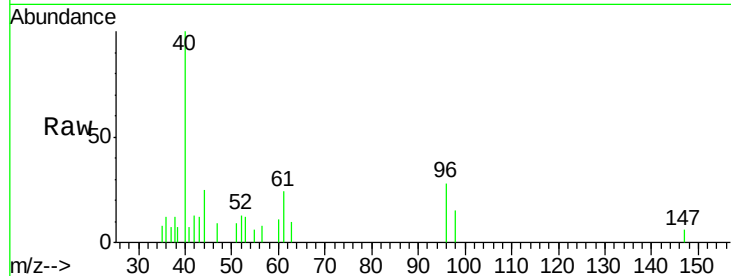
Tot Ion: 96 Resp: 469

Ion Ratio Lower Upper

96 100

61 84.5 124.5 186.7#

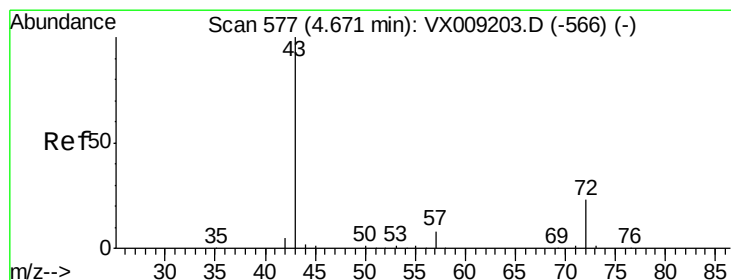
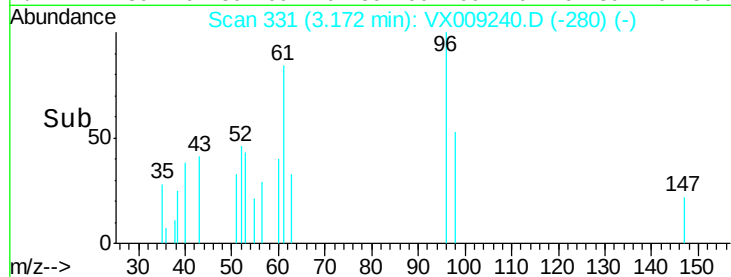
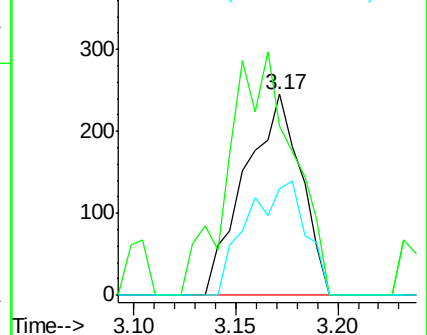
98 53.1 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 20.135 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009240.D

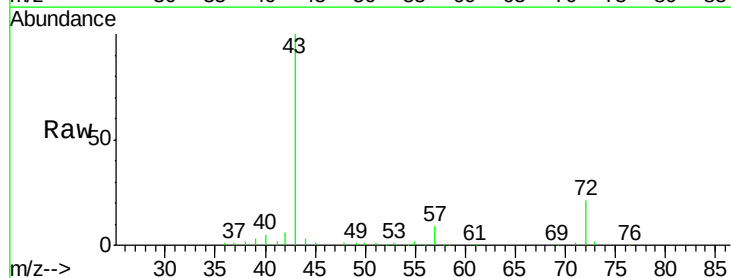
Acq: 30 Apr 2019 12:57

Tgt Ion: 43 Resp: 49017

Ion Ratio Lower Upper

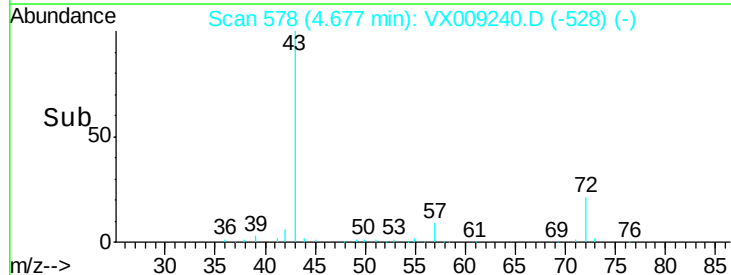
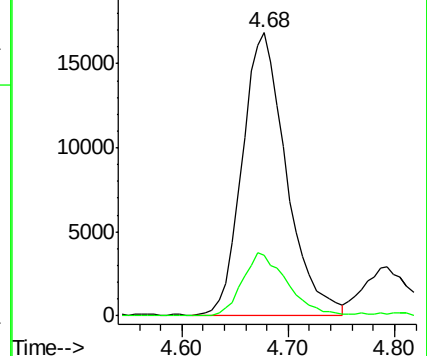
43 100

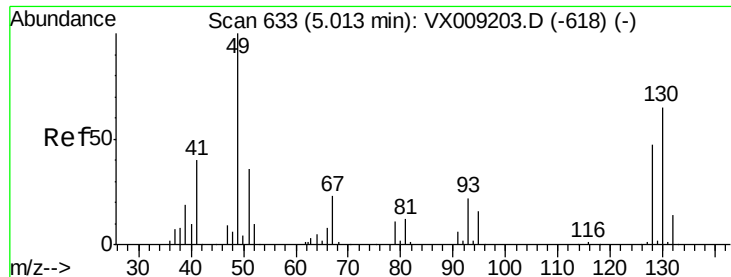
72 21.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

FERMENTATION-WASTE

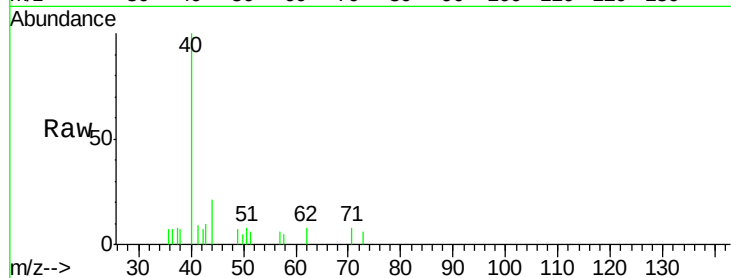
Tot Ion: 49 Resp: 44

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

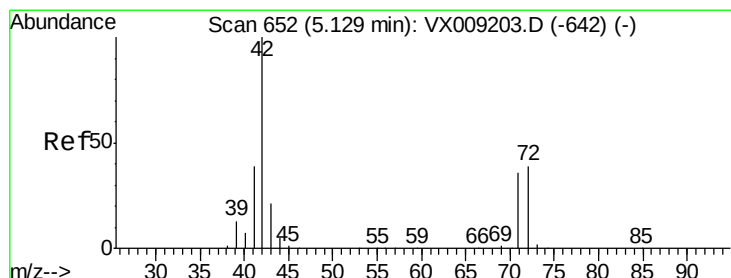
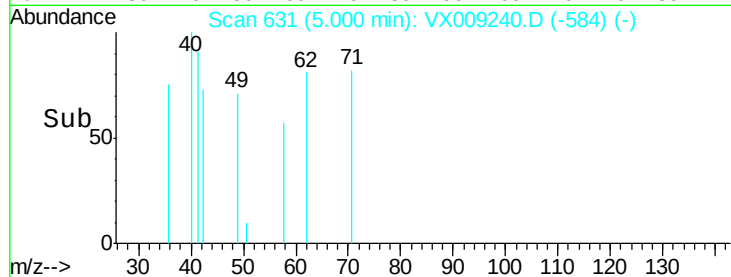
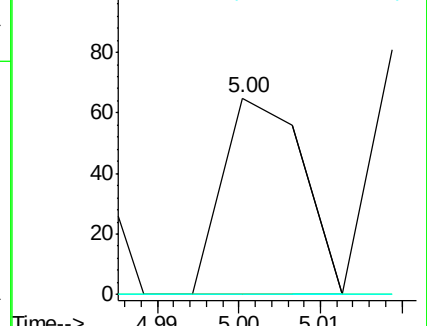
130 0.0 51.2 76.8#



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



#29

Tetrahydrofuran

Concen: 2.478 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

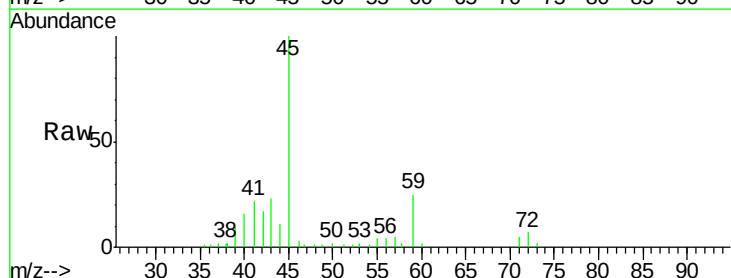
Tgt Ion: 42 Resp: 3882

Ion Ratio Lower Upper

42 100

72 50.3 30.4 45.6#

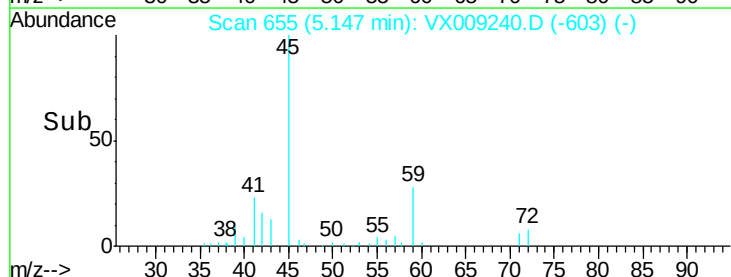
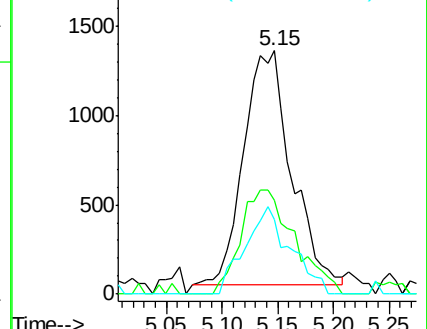
71 35.8 28.6 43.0

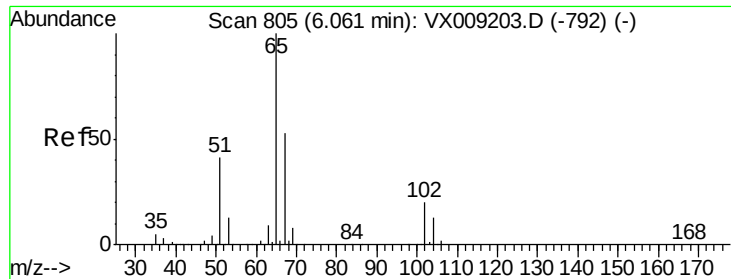


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

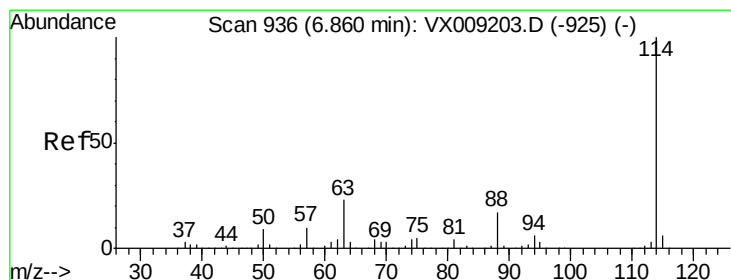
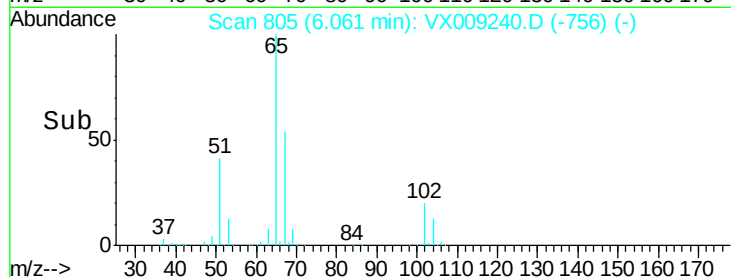
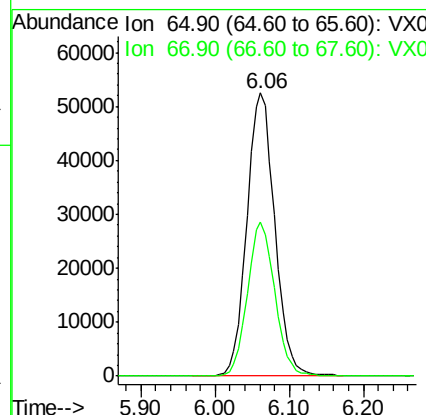
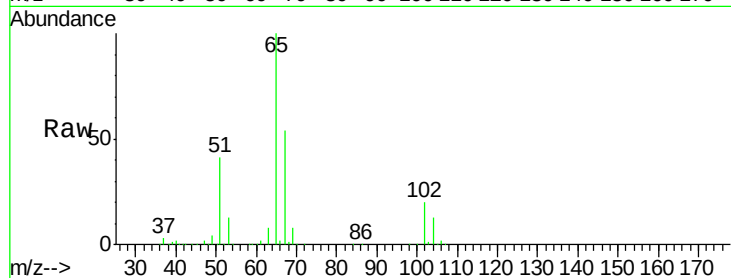




#33
 1,2-Dichloroethane-d4
 Concen: 47.328 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009240.D
 Acq: 30 Apr 2019 12:57

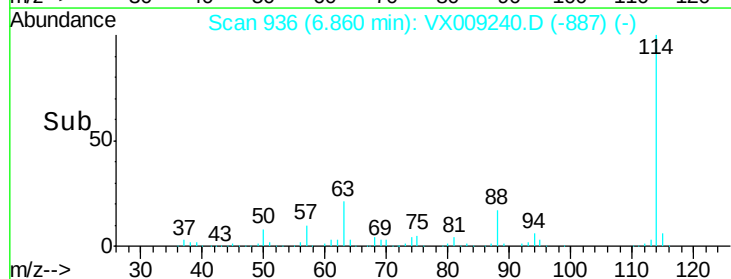
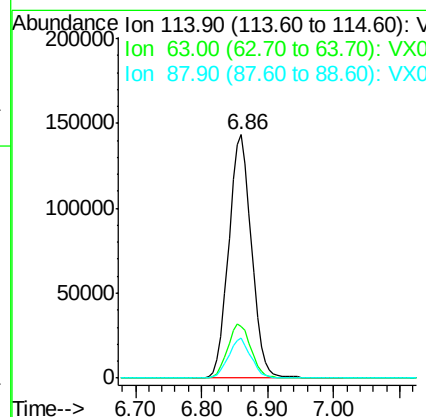
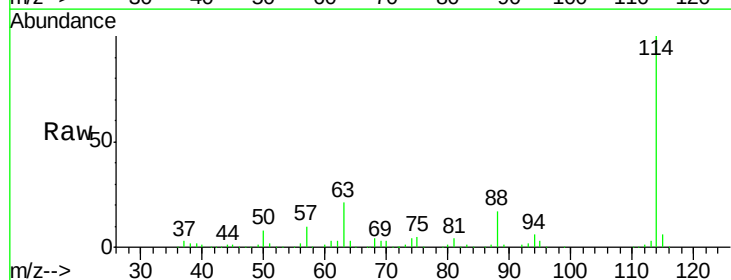
Instrument :
 MSVOA_X
 ClientSampleId :
 FERMENTATION-WASTE

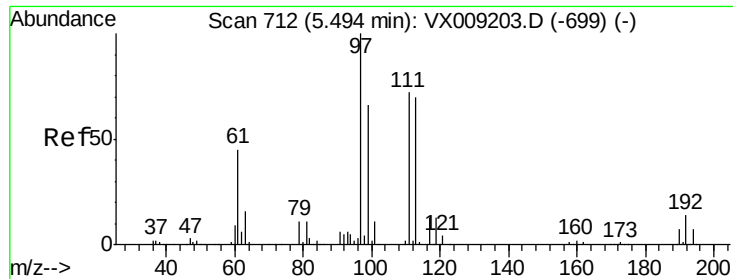
Tot Ion: 65 Resp: 138075
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009240.D
 Acq: 30 Apr 2019 12:57

Tgt Ion: 114 Resp: 342324
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.6
 88 16.6 0.0 33.2

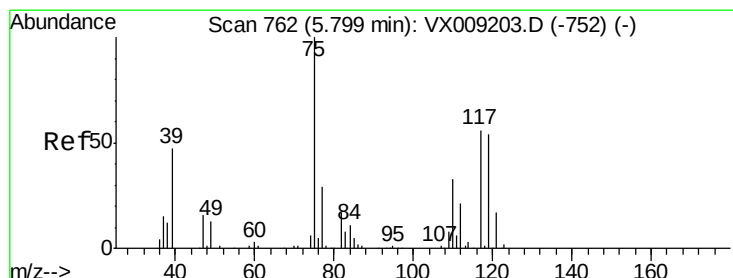
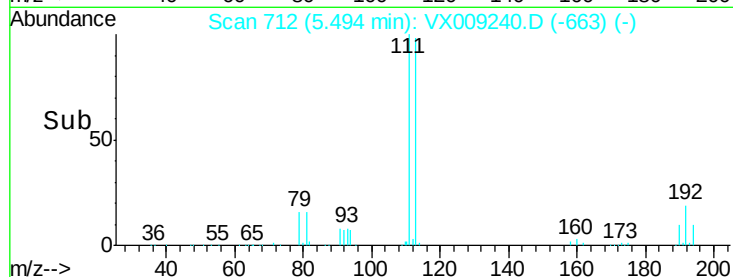
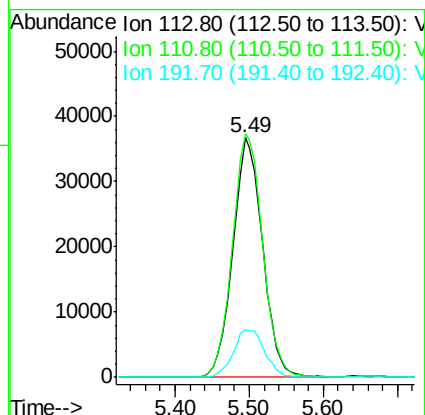
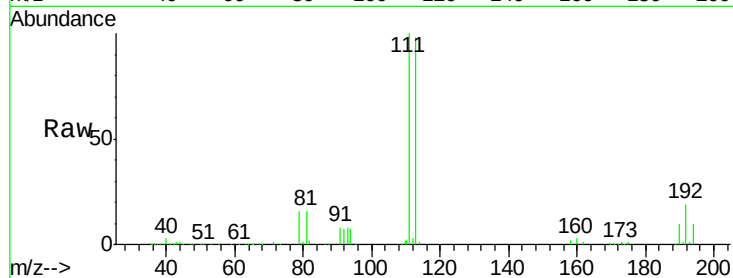




#35
 Dibromofluoromethane
 Concen: 47.644 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009240.D
 Acq: 30 Apr 2019 12:57

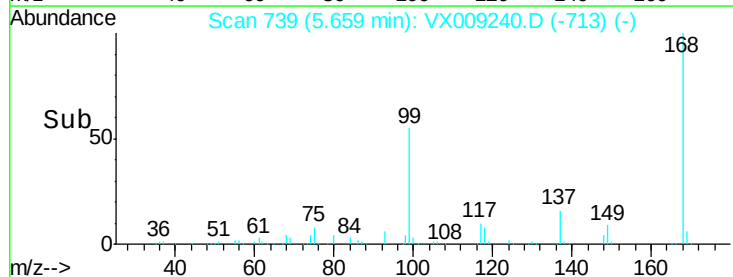
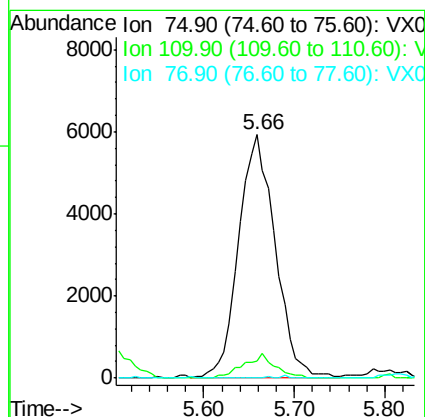
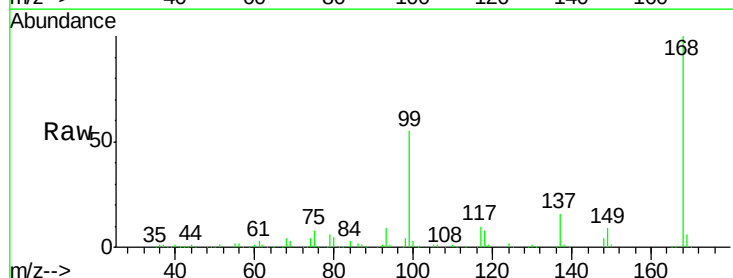
Instrument :
 MSVOA_X
 ClientSampleId :
 FERMENTATION-WASTE

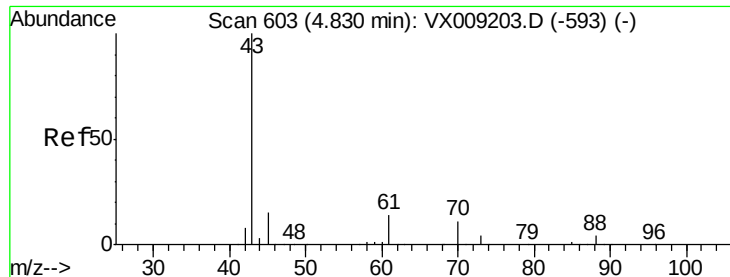
Tot Ion:113 Resp: 102529
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.8 124.2
 192 21.0 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.233 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009240.D
 Acq: 30 Apr 2019 12:57

Tgt Ion: 75 Resp: 16648
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.9 50.6#
 77 0.1 24.8 37.2#





#37

Ethyl Acetate

Concen: 1.921 ug/l

RT: 4.79 min Scan# 597

Delta R.T. -0.04 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

FERMENTATION-WASTE

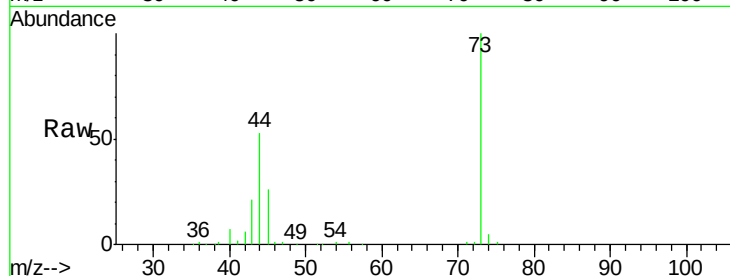
Tot Ion: 43 Resp: 8515

Ion Ratio Lower Upper

43 100

61 0.5 10.5 15.7#

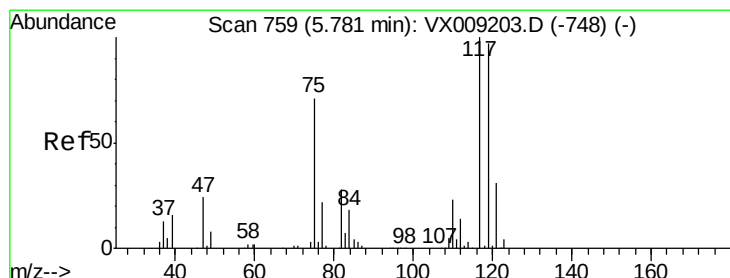
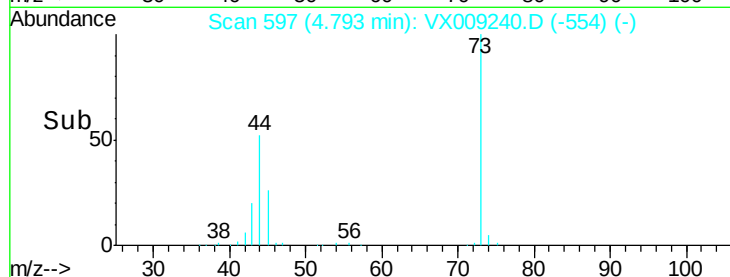
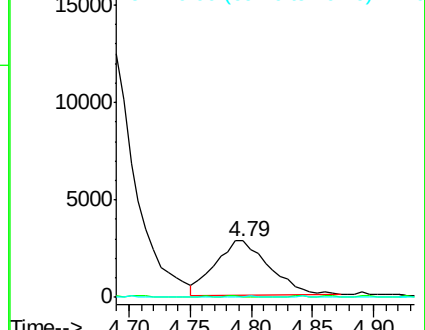
70 0.4 7.9 11.9#



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: 6.945 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

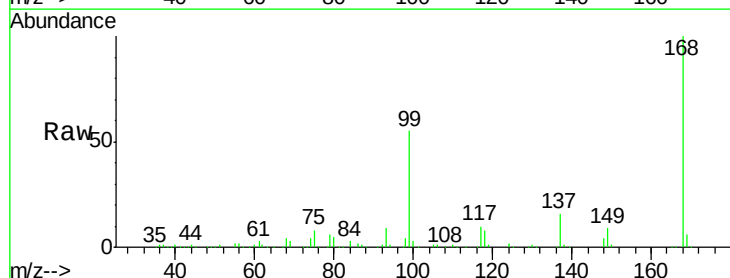
Tgt Ion: 117 Resp: 20074

Ion Ratio Lower Upper

117 100

119 5.4 77.5 116.3#

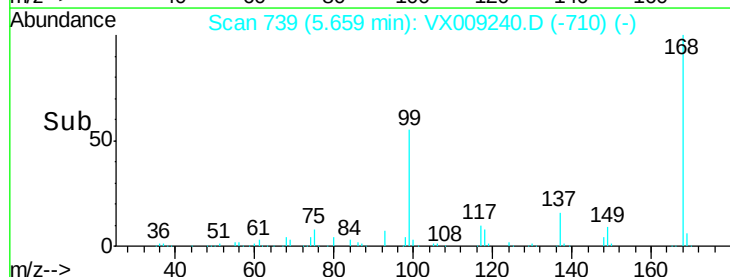
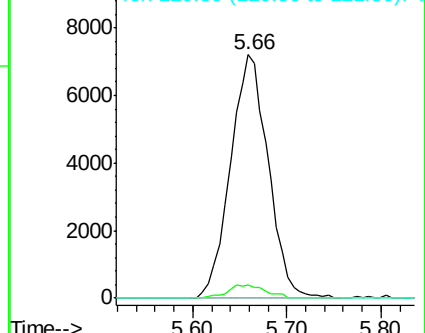
121 0.0 24.7 37.1#

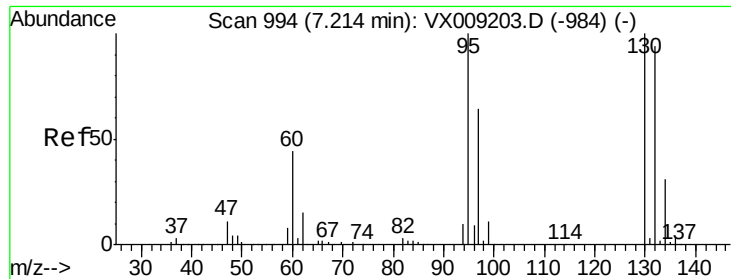


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

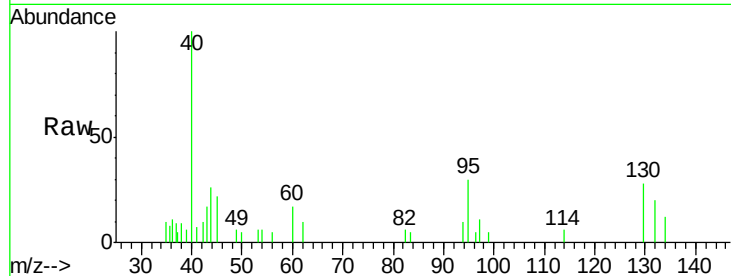




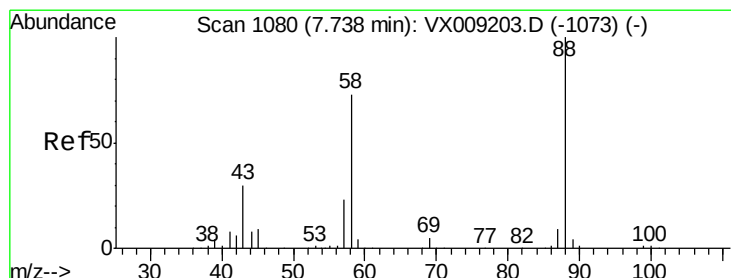
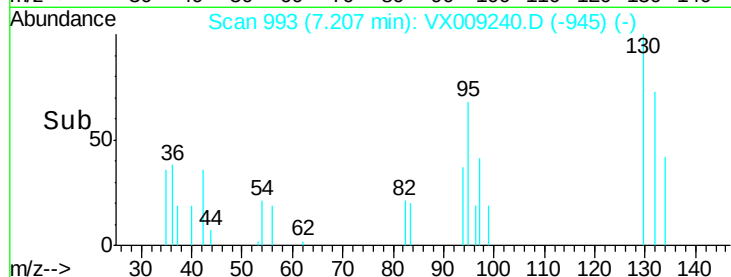
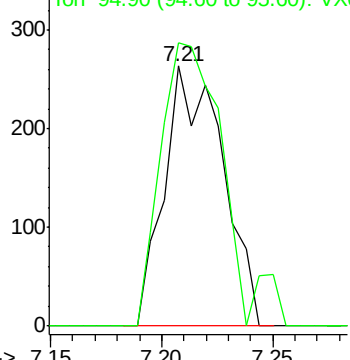
#44
 Trichloroethene
 Concen: 0.201 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009240.D
 Acq: 30 Apr 2019 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 FERMENTATION-WASTE

Tot Ion:130 Resp: 478
 Ion Ratio Lower Upper
 130 100
 95 109.1 0.0 199.2

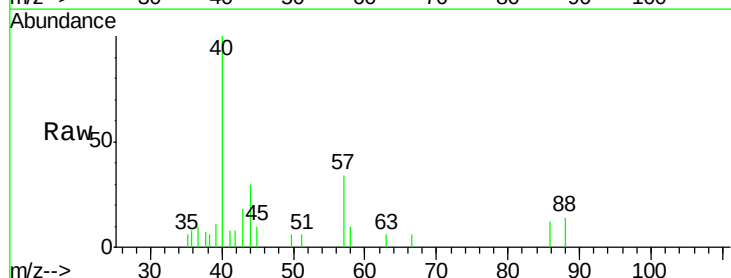


Abundance Ion 129.80 (129.50 to 130.50): V

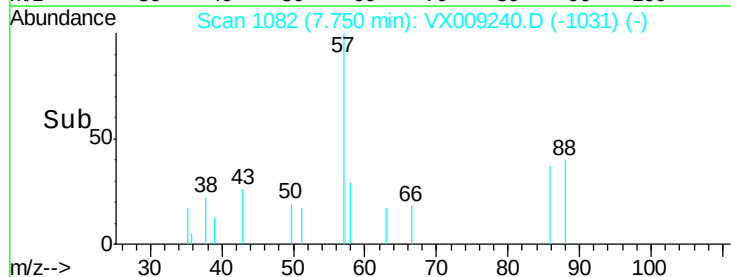
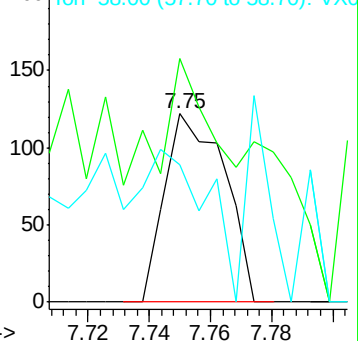


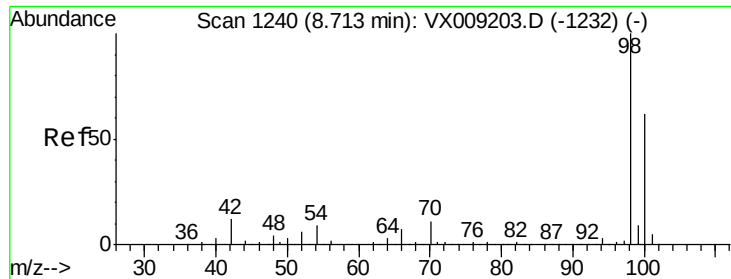
#49
 1,4-Dioxane
 Concen: 2.313 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: VX009240.D
 Acq: 30 Apr 2019 12:57

Tgt Ion: 88 Resp: 165
 Ion Ratio Lower Upper
 88 100
 43 31.5 28.6 42.8
 58 72.7 61.7 92.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

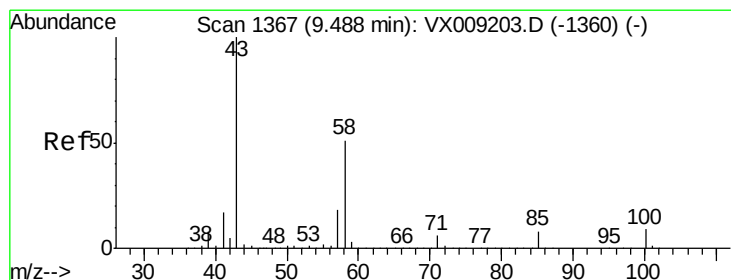
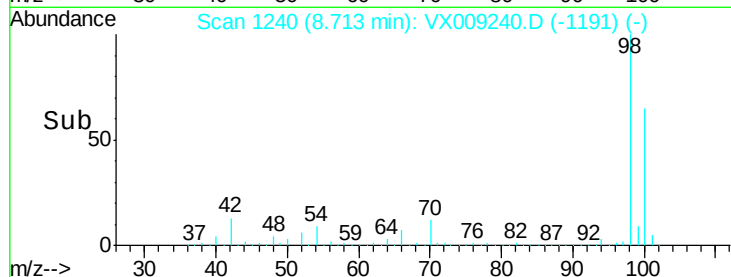
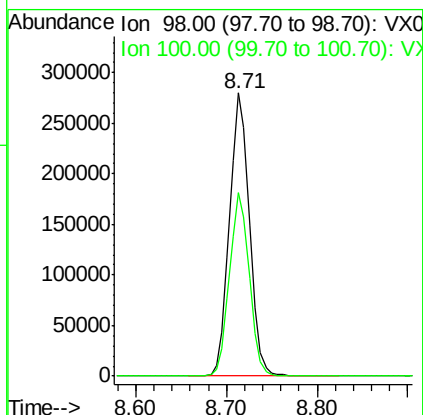
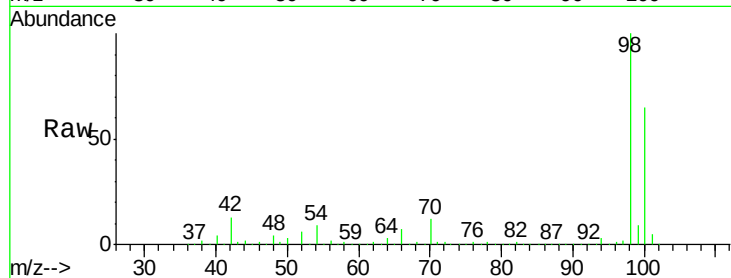




#50
Toluene-d8
Concen: 49.254 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009240.D
Acq: 30 Apr 2019 12:57

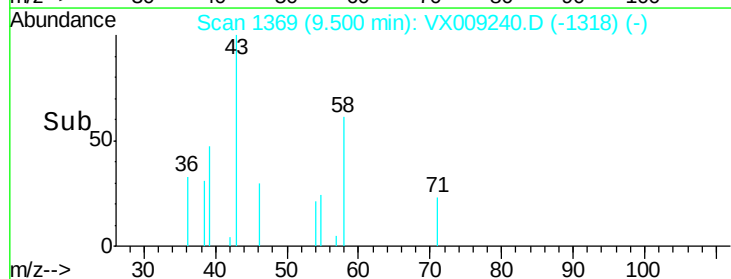
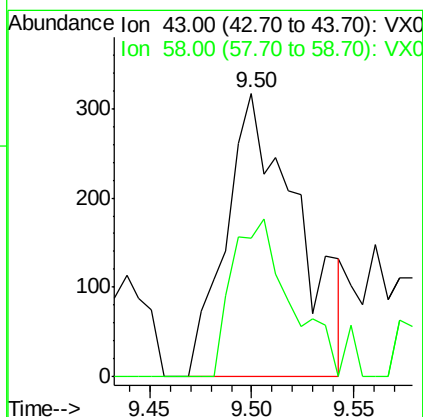
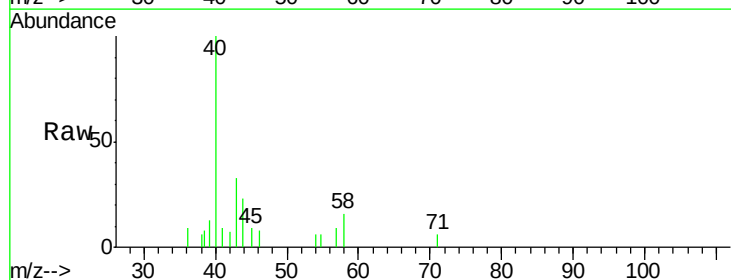
Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE

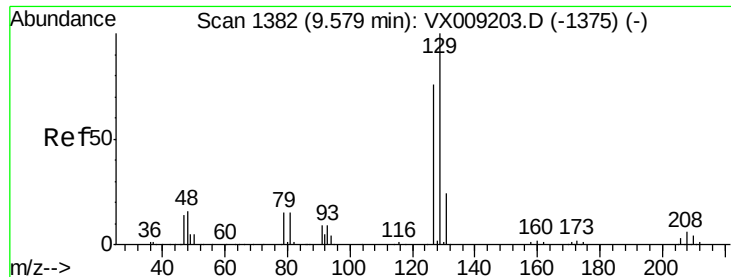
Tot Ion: 98 Resp: 427927
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



#59
2-Hexanone
Concen: 0.213 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX009240.D
Acq: 30 Apr 2019 12:57

Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
58 47.6 25.9 77.7





#60

Dibromochloromethane

Concen: 0.304 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

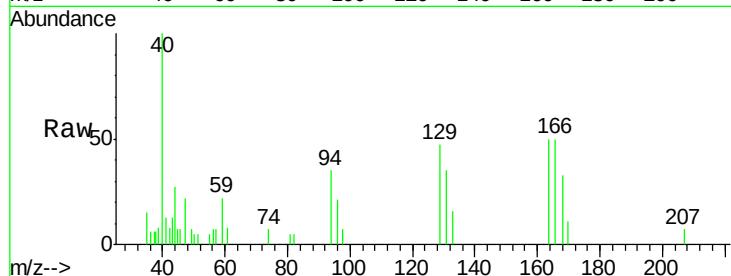
FERMENTATION-WASTE

Tot Ion:129 Resp: 724

Ion Ratio Lower Upper

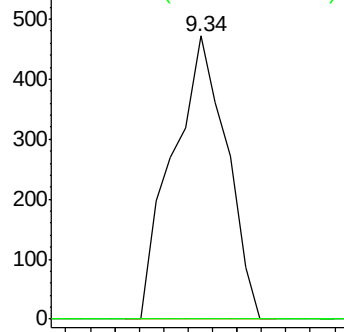
129 100

127 0.0 38.4 115.1#

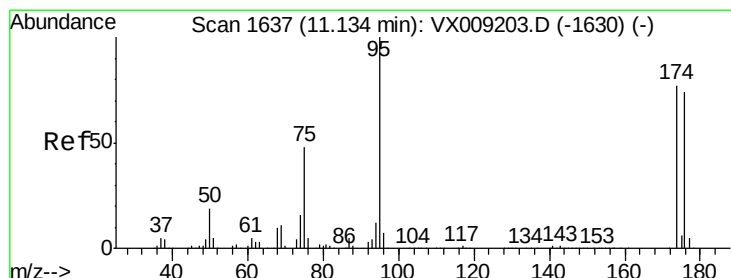
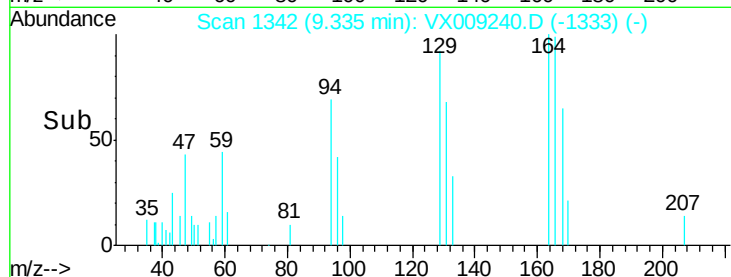


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 46.502 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

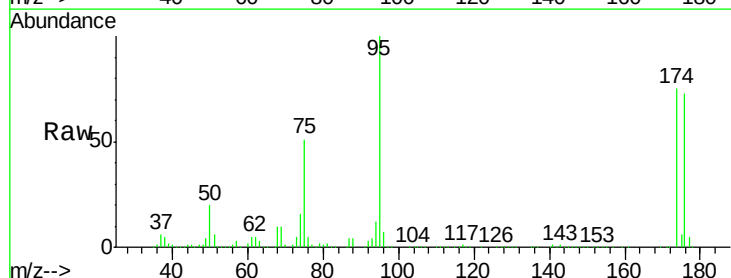
Tgt Ion: 95 Resp: 146802

Ion Ratio Lower Upper

95 100

174 80.4 0.0 161.6

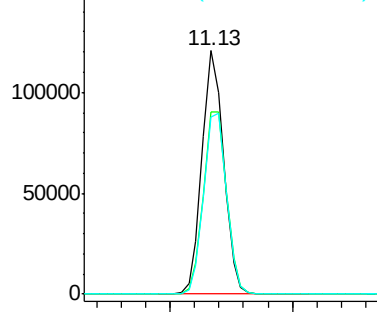
176 78.9 0.0 159.2



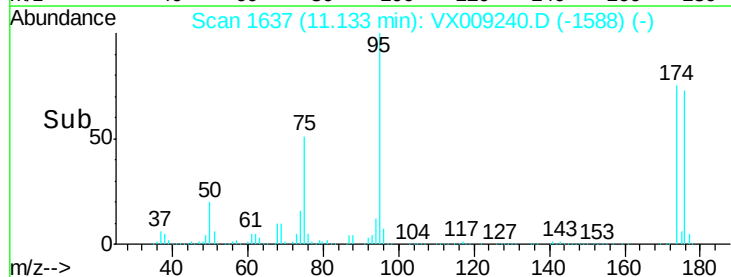
Abundance Ion 94.90 (94.60 to 95.60): VX0

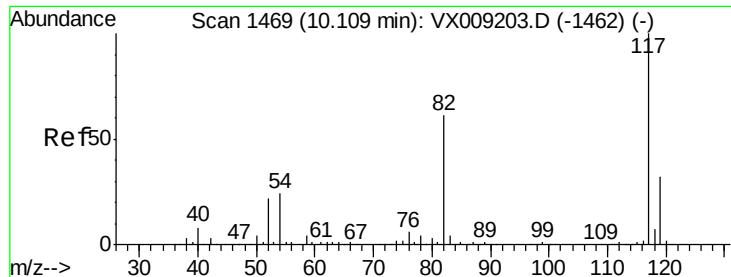
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

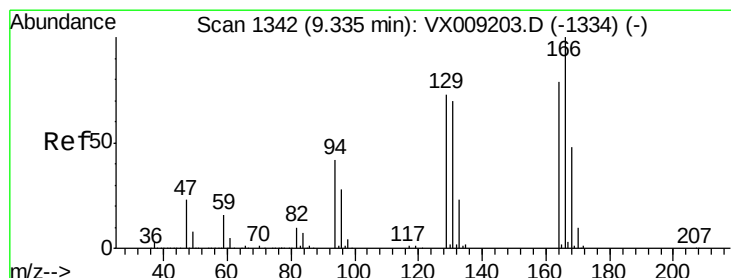
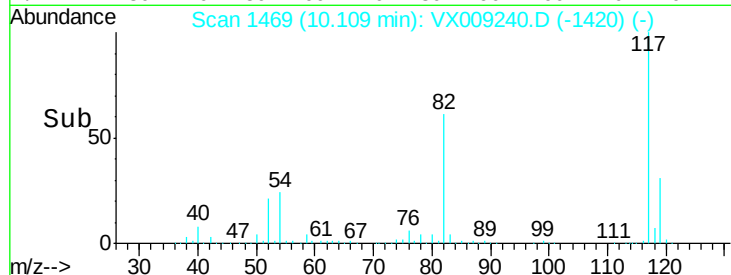
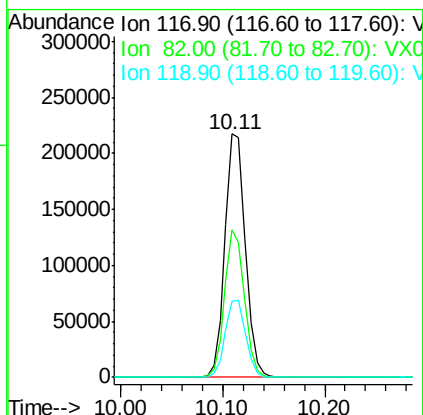
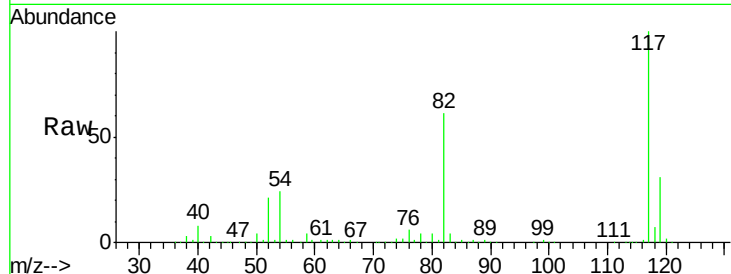




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009240.D
Acq: 30 Apr 2019 12:57

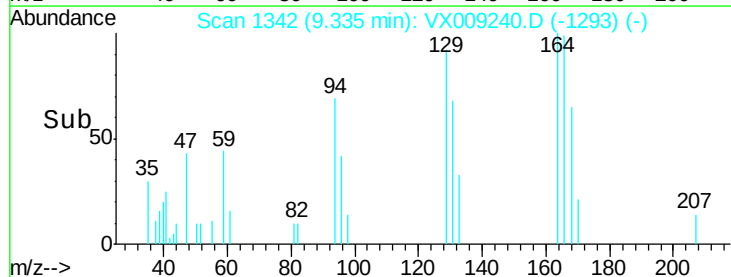
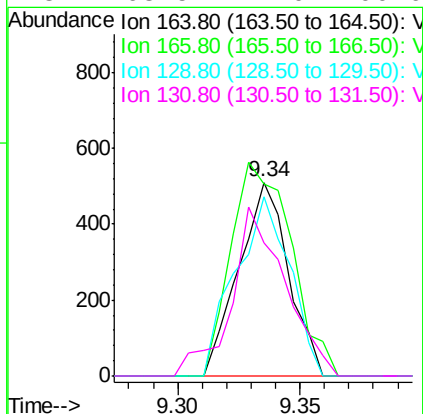
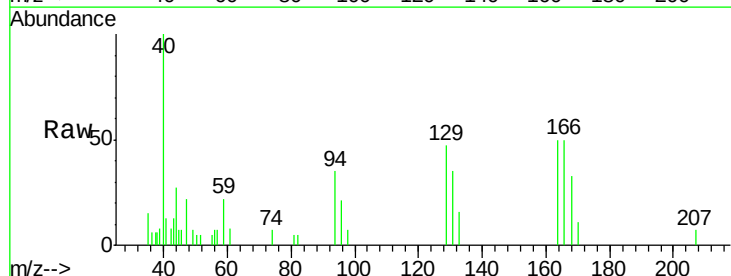
Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE

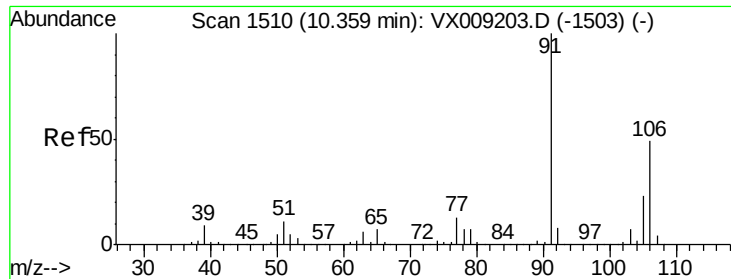
Tot Ion:117 Resp: 301415
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 31.3 25.8 38.6



#64
Tetrachloroethene
Concen: 0.348 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009240.D
Acq: 30 Apr 2019 12:57

Tgt Ion:164 Resp: 720
Ion Ratio Lower Upper
164 100
166 99.0 101.2 151.8#
129 92.4 74.3 111.5
131 68.5 71.0 106.6#





#68

m/p-Xvlenes

Concen: 0.254 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

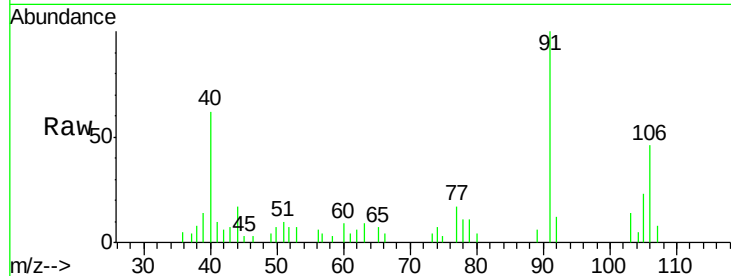
FERMENTATION-WASTE

Tot Ion:106 Resp: 1029

Ion Ratio Lower Upper

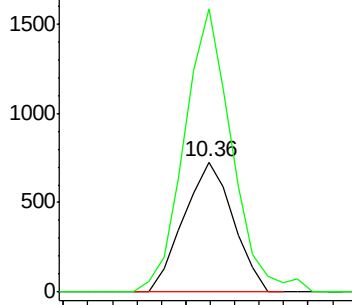
106 100

91 208.8 164.0 246.0

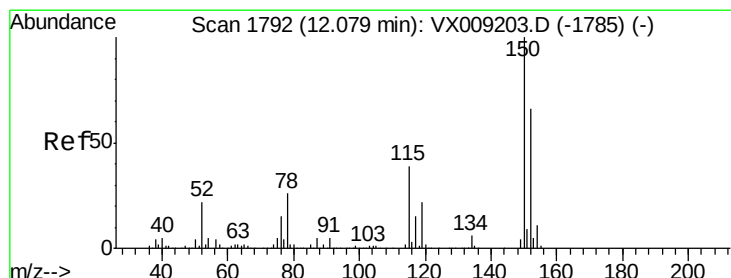
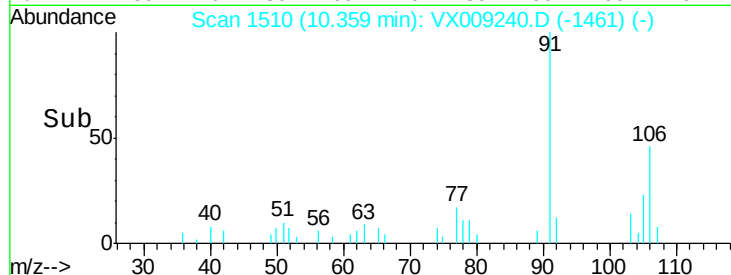


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time--> 10.30 10.35 10.40



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

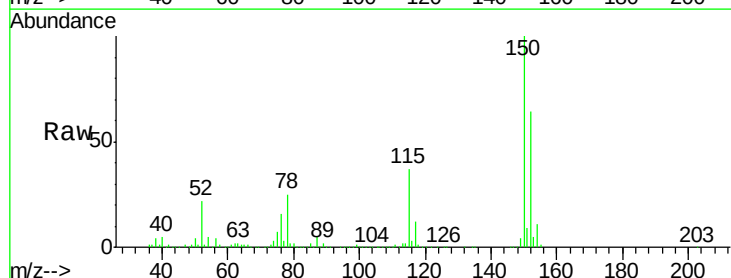
Tgt Ion:152 Resp: 132470

Ion Ratio Lower Upper

152 100

115 58.6 41.2 123.6

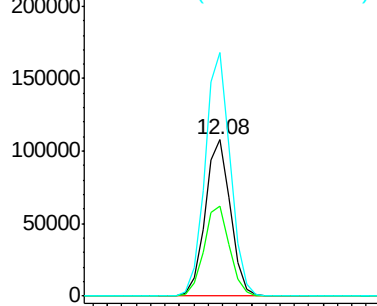
150 155.1 0.0 346.4



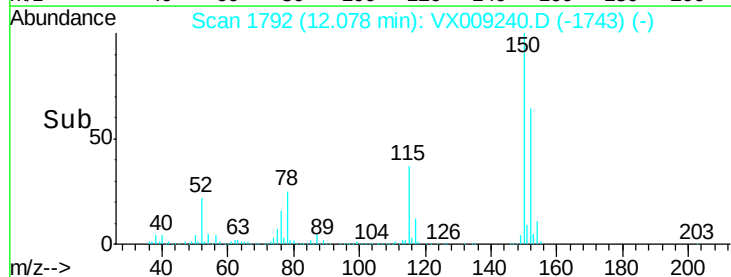
Abundance Ion 151.90 (151.60 to 152.60): V

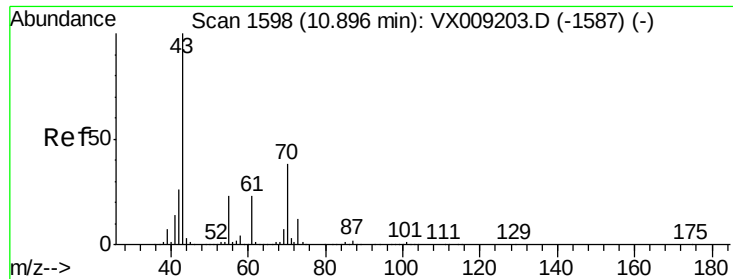
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time--> 12.00 12.05 12.10 12.15





#74

N-amyl acetate

Concen: 0.276 ug/l

RT: 10.75 min Scan# 1574

Delta R.T. -0.15 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

FERMENTATION-WASTE

Tot Ion: 43 Resp: 1550

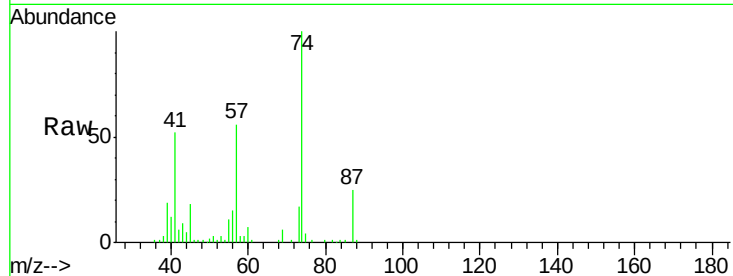
Ion Ratio Lower Upper

43 100

70 3.4 30.0 45.0#

55 161.0 17.9 26.9#

61 0.0 18.4 27.6#

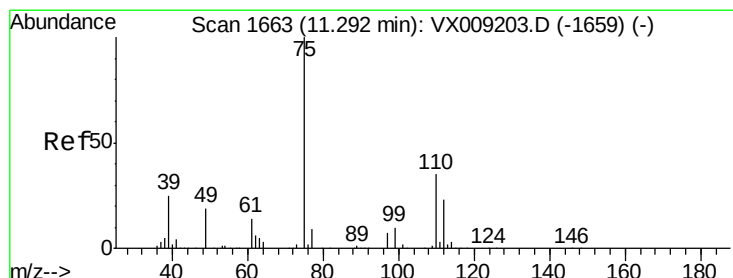
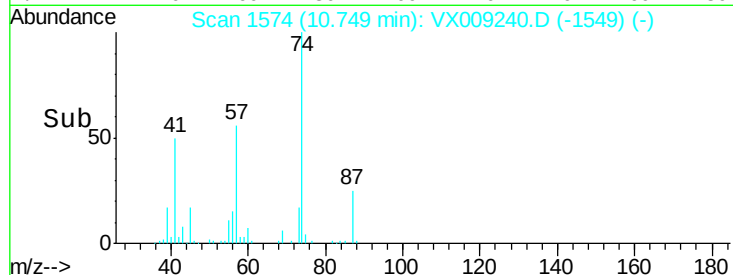
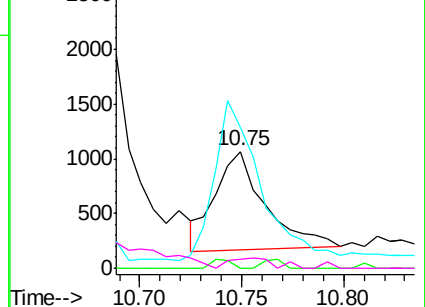


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.087 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009240.D

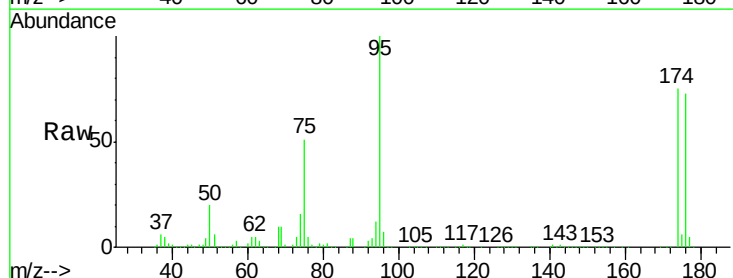
Acq: 30 Apr 2019 12:57

Tgt Ion: 75 Resp: 74014

Ion Ratio Lower Upper

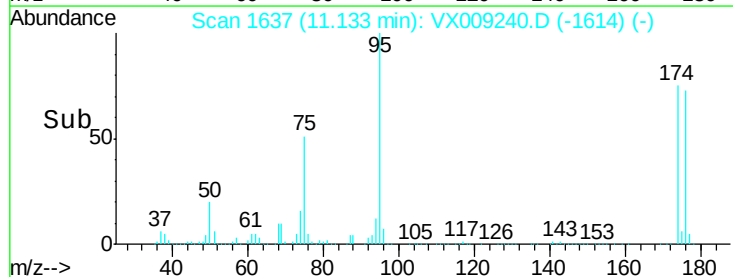
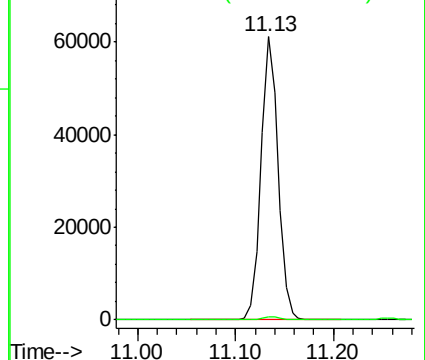
75 100

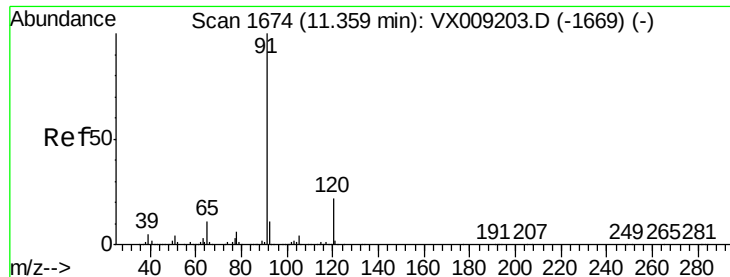
77 1.3 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.202 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

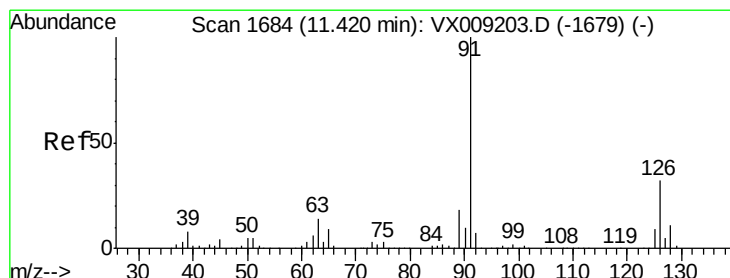
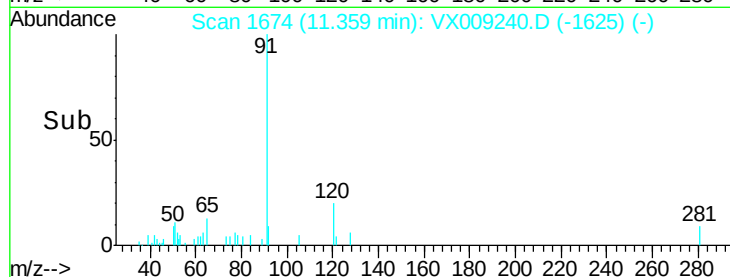
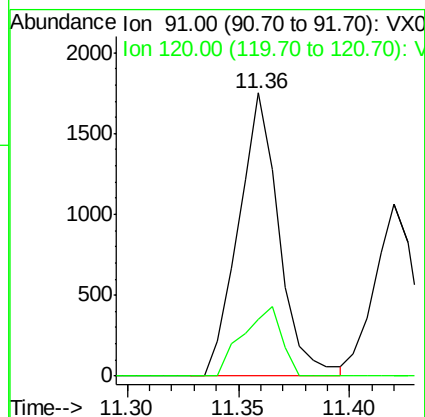
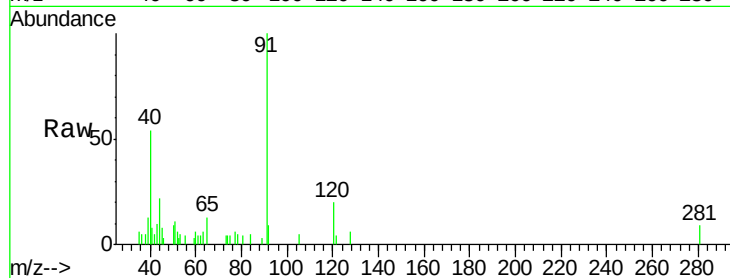
FERMENTATION-WASTE

Tot Ion: 91 Resp: 2219

Ion Ratio Lower Upper

91 100

120 23.6 11.0 33.0



#79

2-Chlorotoluene

Concen: 0.202 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009240.D

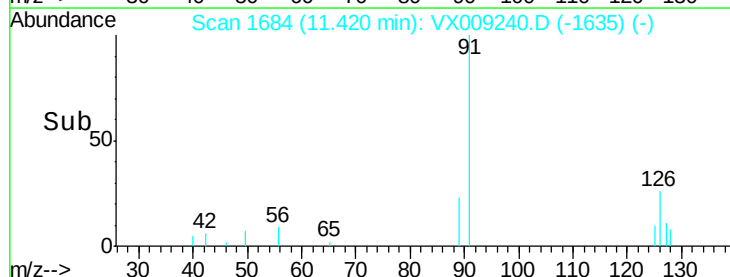
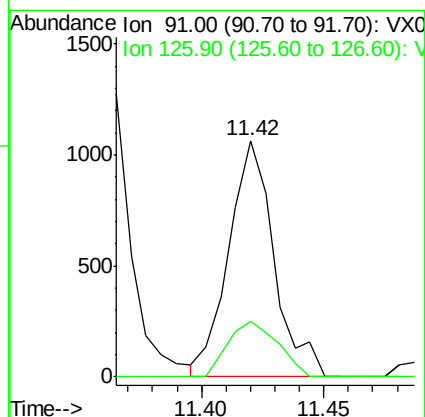
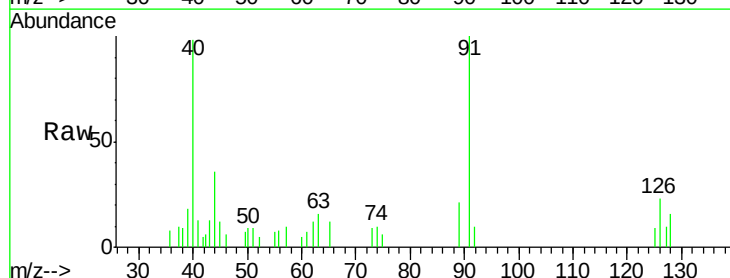
Acq: 30 Apr 2019 12:57

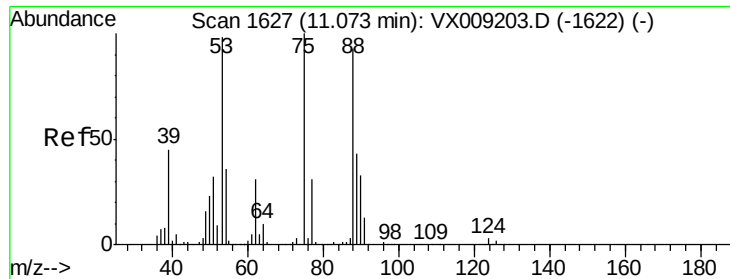
Tgt Ion: 91 Resp: 1372

Ion Ratio Lower Upper

91 100

126 25.6 16.3 48.9





#81

trans-1,4-Dichloro-2-butene

Concen: 61.629 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009240.D

Acq: 30 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

FERMENTATION-WASTE

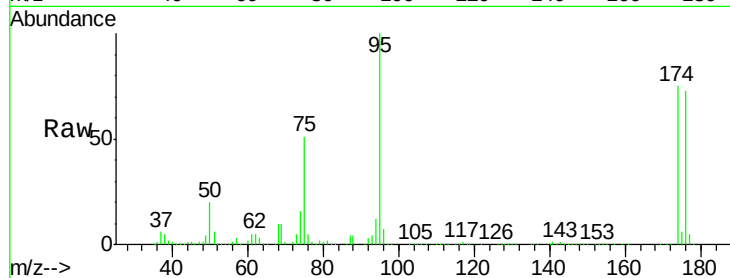
Tot Ion: 75 Resp: 74014

Ion Ratio Lower Upper

75 100

53 0.4 79.0 118.6#

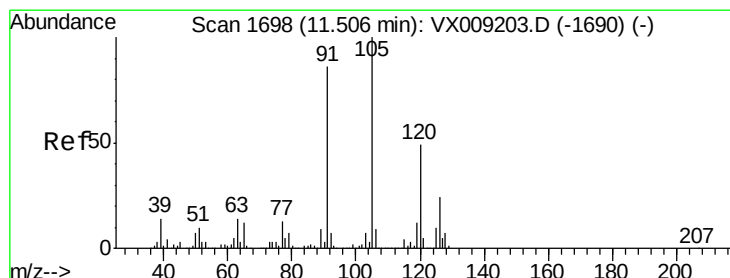
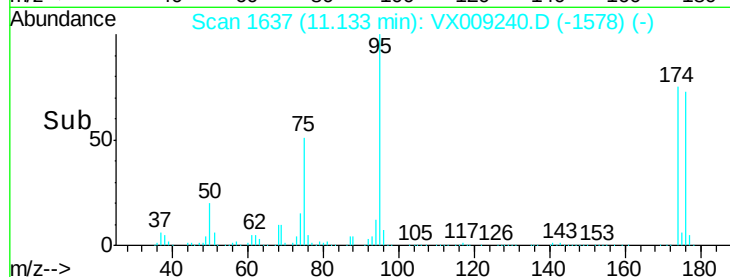
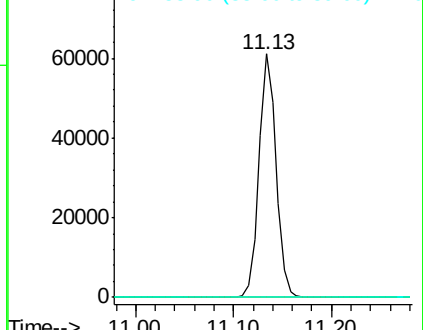
89 0.0 34.7 52.1#



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



#82

4-Chlorotoluene

Concen: 0.241 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009240.D

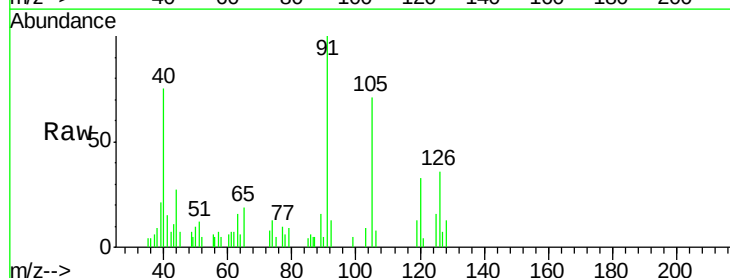
Acq: 30 Apr 2019 12:57

Tgt Ion: 91 Resp: 1848

Ion Ratio Lower Upper

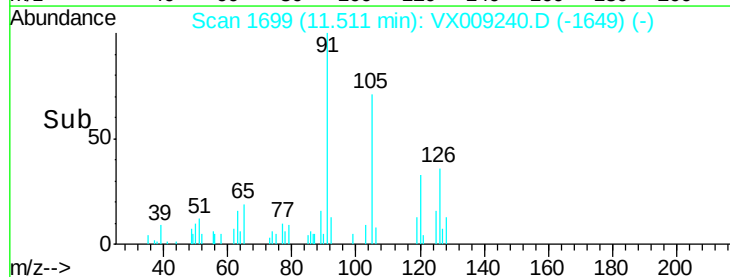
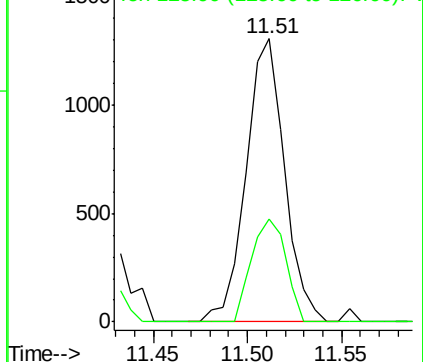
91 100

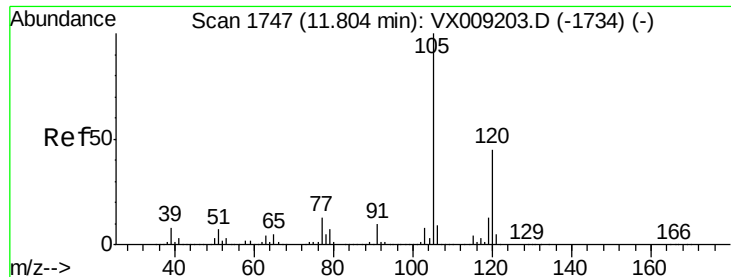
126 32.3 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

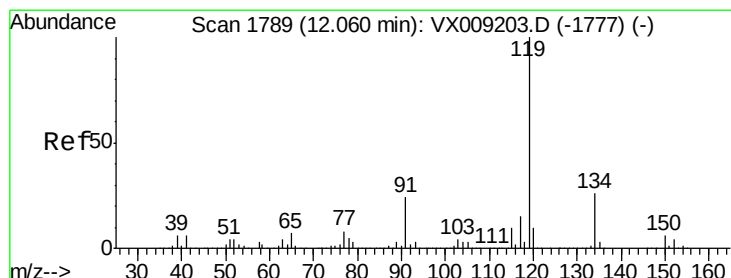
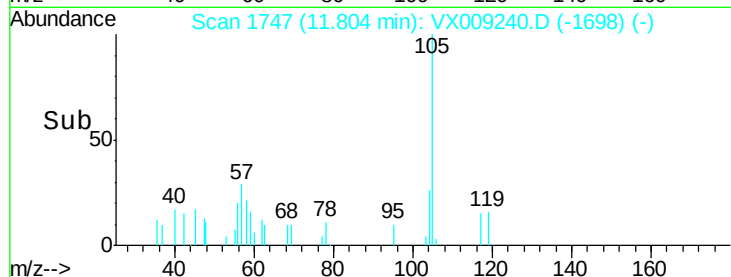
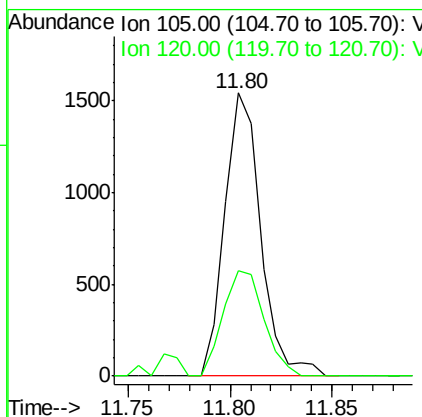
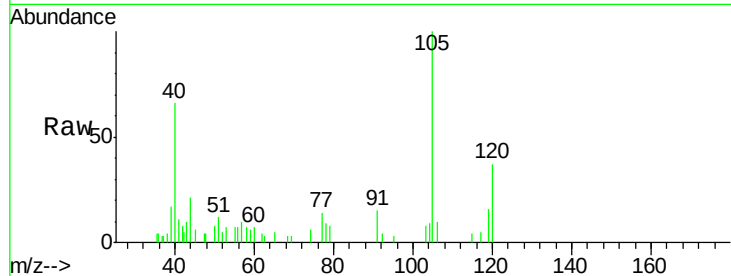




#84
 1,2,4-Trimethylbenzene
 Concen: 0.232 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009240.D
 Acq: 30 Apr 2019 12:57

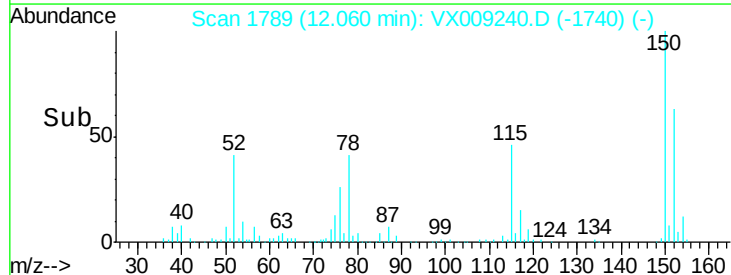
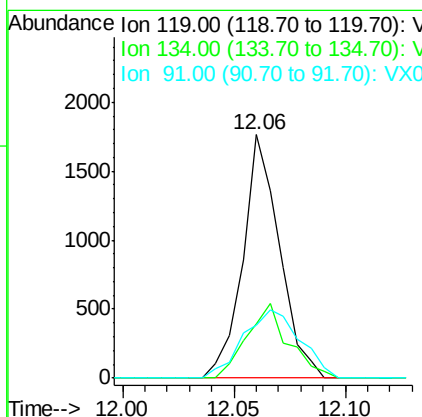
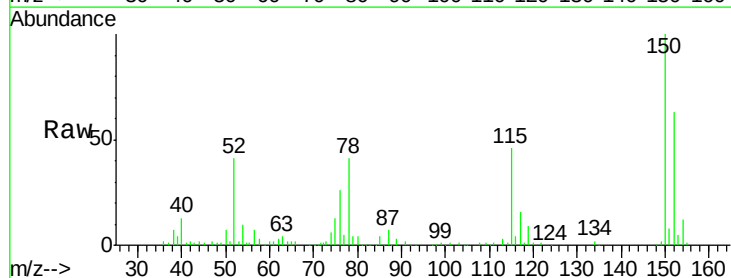
Instrument :
 MSVOA_X
 ClientSampleId :
 FERMENTATION-WASTE

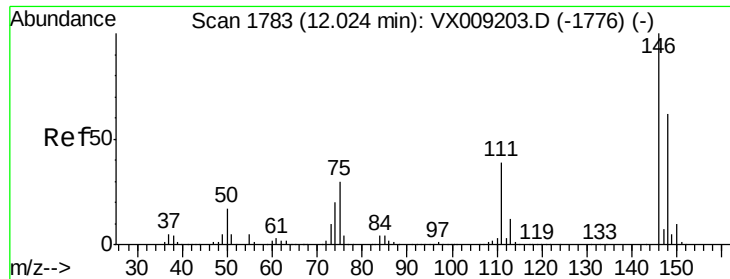
Tot Ion:105 Resp: 1888
 Ion Ratio Lower Upper
 105 100
 120 42.4 22.0 66.0



#86
 p-Isopropyltoluene
 Concen: 0.242 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009240.D
 Acq: 30 Apr 2019 12:57

Tgt Ion:119 Resp: 2032
 Ion Ratio Lower Upper
 119 100
 134 34.6 12.9 38.7
 91 43.4 11.8 35.4#

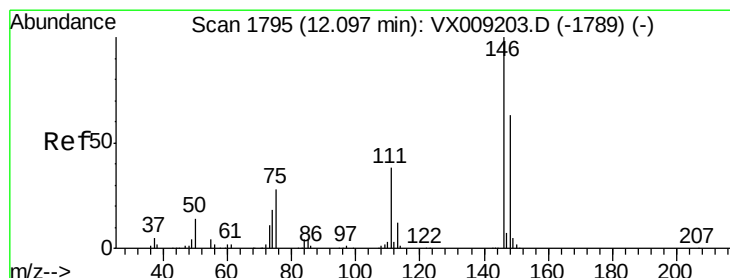
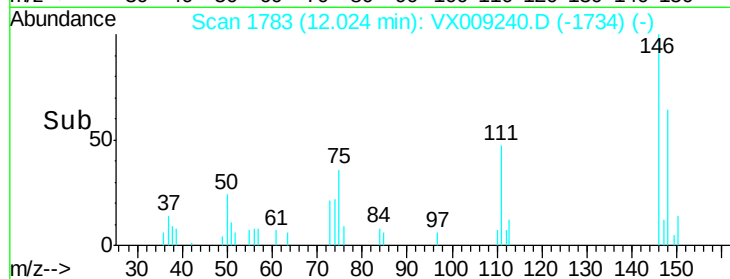
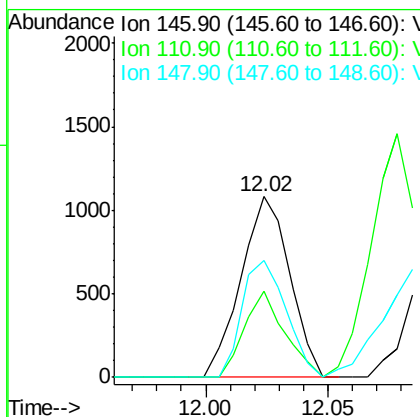
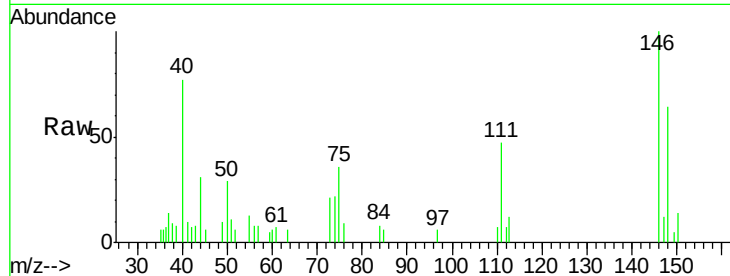




#87
 1,3-Dichlorobenzene
 Concen: 0.353 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009240.D
 Acq: 30 Apr 2019 12:57

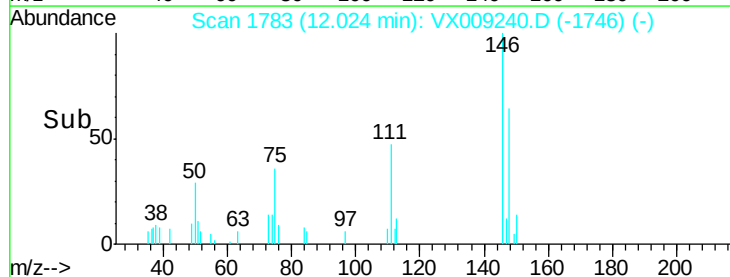
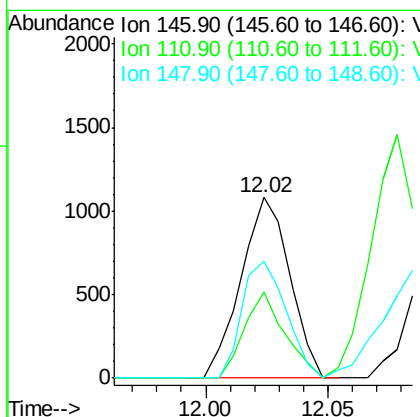
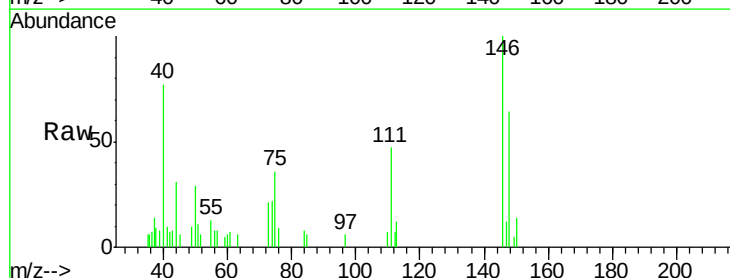
Instrument :
 MSVOA_X
 ClientSampleId :
 FERMENTATION-WASTE

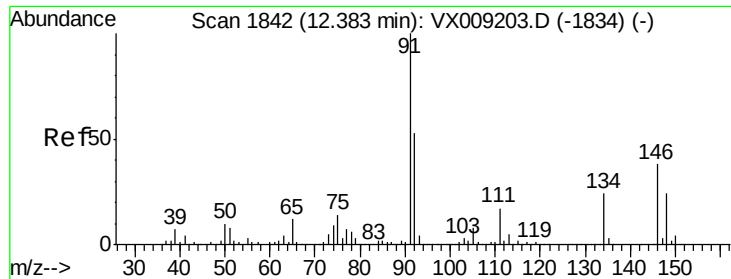
Tot Ion:146 Resp: 1505
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.0 59.9
 148 58.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.350 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX009240.D
 Acq: 30 Apr 2019 12:57

Tgt Ion:146 Resp: 1505
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.8
 148 58.1 31.8 95.3

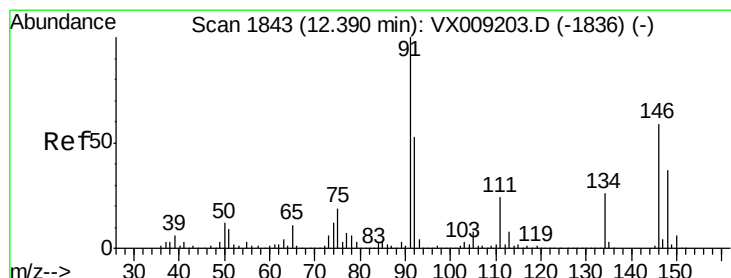
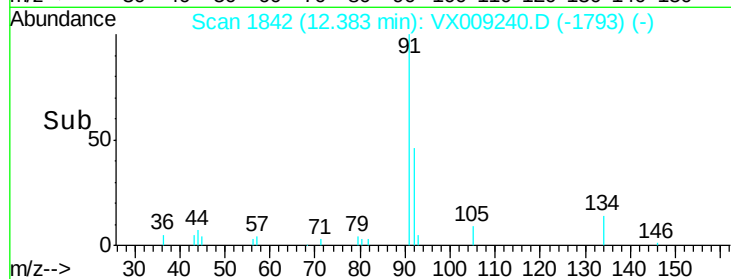
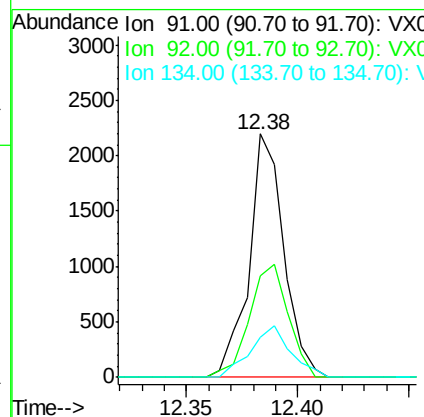
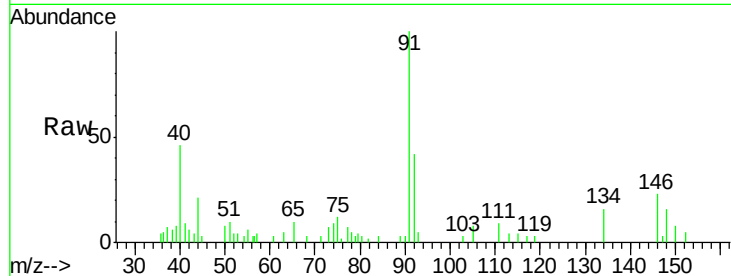




#89
n-Butylbenzene
Concen: 0.316 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009240.D
Acq: 30 Apr 2019 12:57

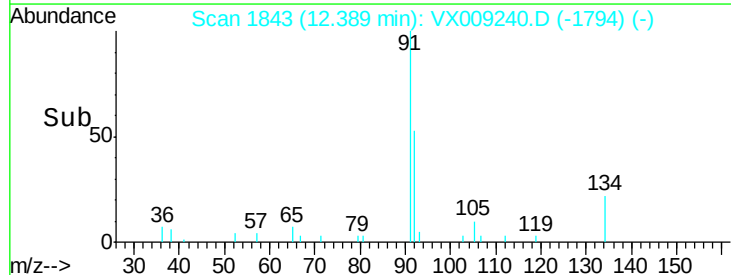
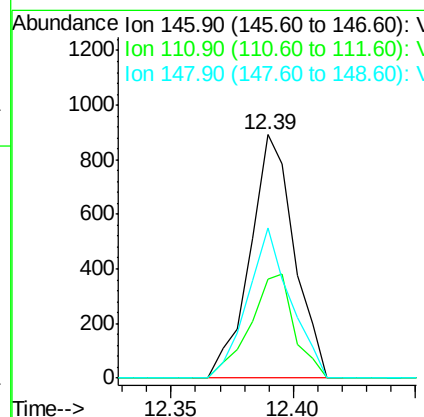
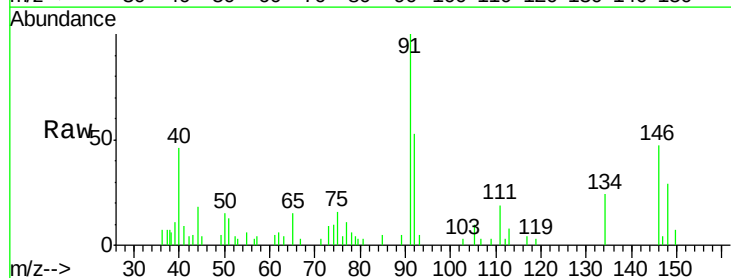
Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE

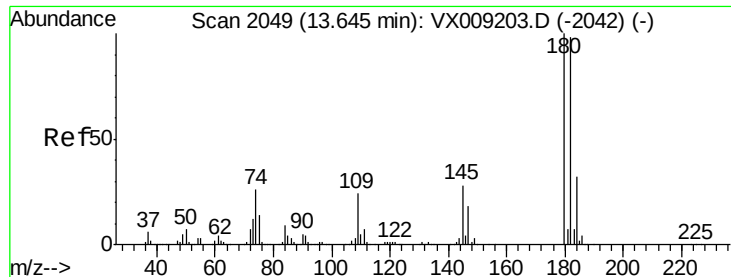
Tot Ion: 91 Resp: 2399
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 24.2 12.4 37.2



#91
1,2-Dichlorobenzene
Concen: 0.257 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009240.D
Acq: 30 Apr 2019 12:57

Tgt Ion: 146 Resp: 1116
Ion Ratio Lower Upper
146 100
111 42.8 20.8 62.4
148 60.0 31.9 95.9

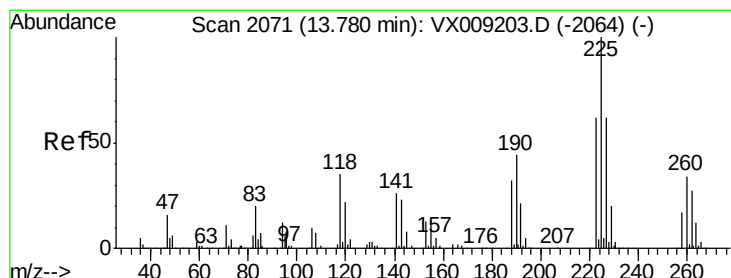
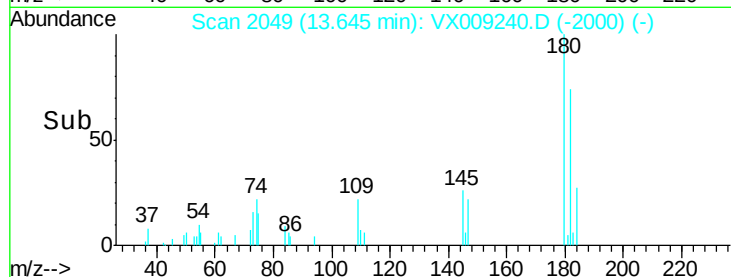
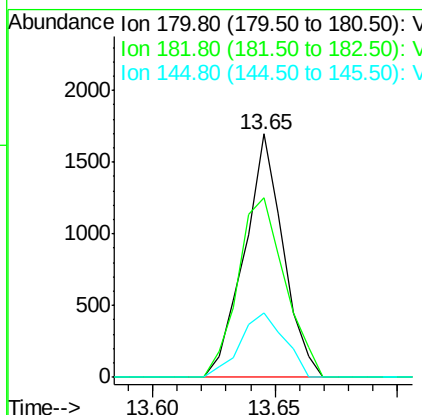
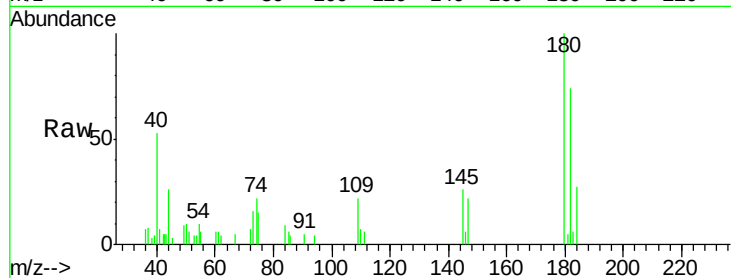




#93
 1,2,4-Trichlorobenzene
 Concen: 0.631 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009240.D
 Acq: 30 Apr 2019 12:57

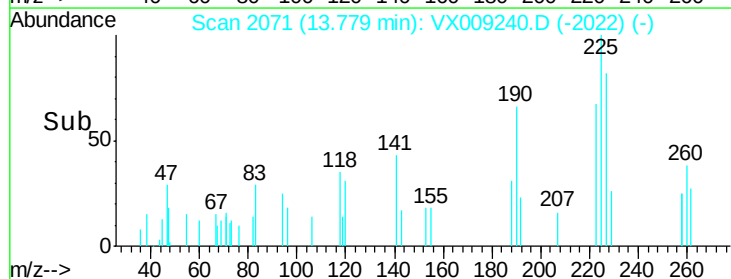
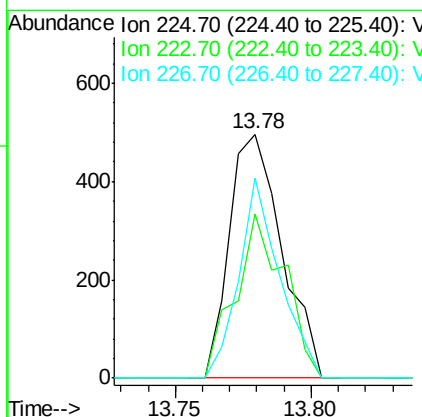
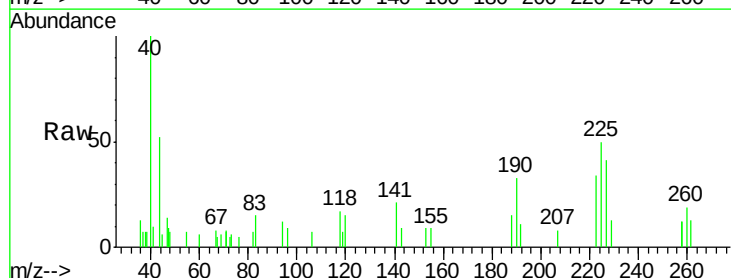
Instrument :
 MSVOA_X
 ClientSampleId :
 FERMENTATION-WASTE

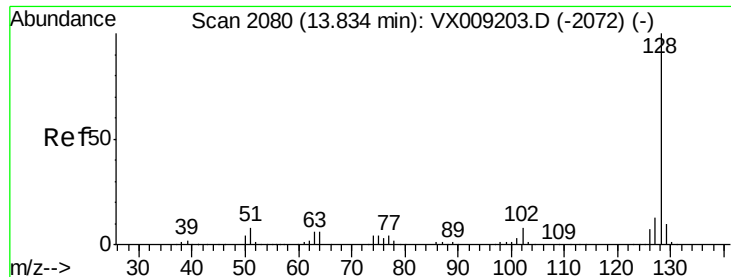
Tot Ion:180 Resp: 1873
 Ion Ratio Lower Upper
 180 100
 182 89.5 48.4 145.2
 145 30.3 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 0.437 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009240.D
 Acq: 30 Apr 2019 12:57

Tgt Ion:225 Resp: 663
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.8
 227 63.5 31.8 95.3

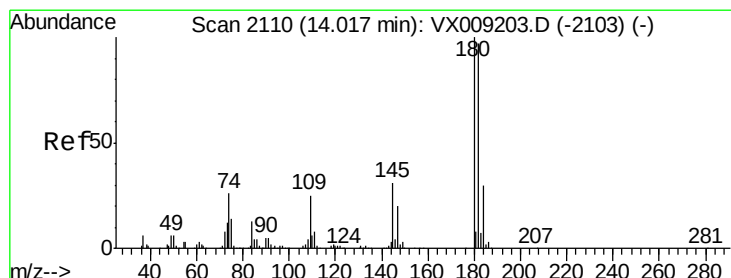
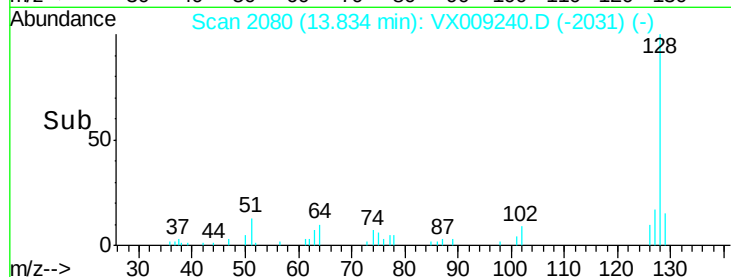
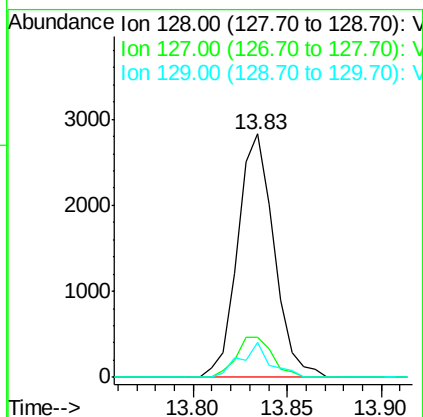
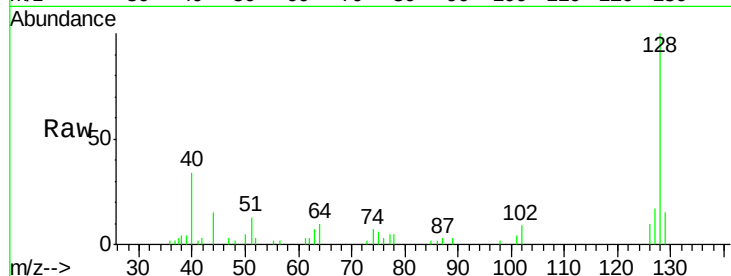




#95
Naphthalene
Concen: 0.392 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009240.D
Acq: 30 Apr 2019 12:57

Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE

Tot Ion:128 Resp: 3786
Ion Ratio Lower Upper
128 100
127 16.4 10.4 15.6#
129 11.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.522 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009240.D
Acq: 30 Apr 2019 12:57

Tgt Ion:180 Resp: 1572
Ion Ratio Lower Upper
180 100
182 105.2 47.8 143.4
145 30.3 15.4 46.4

