

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034079.D
 Acq On : 29 Aug 2019 21:52
 Operator : JC/SP
 Sample : K4609-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FERMENTATION-WASTE

Quant Time: Aug 30 05:36:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

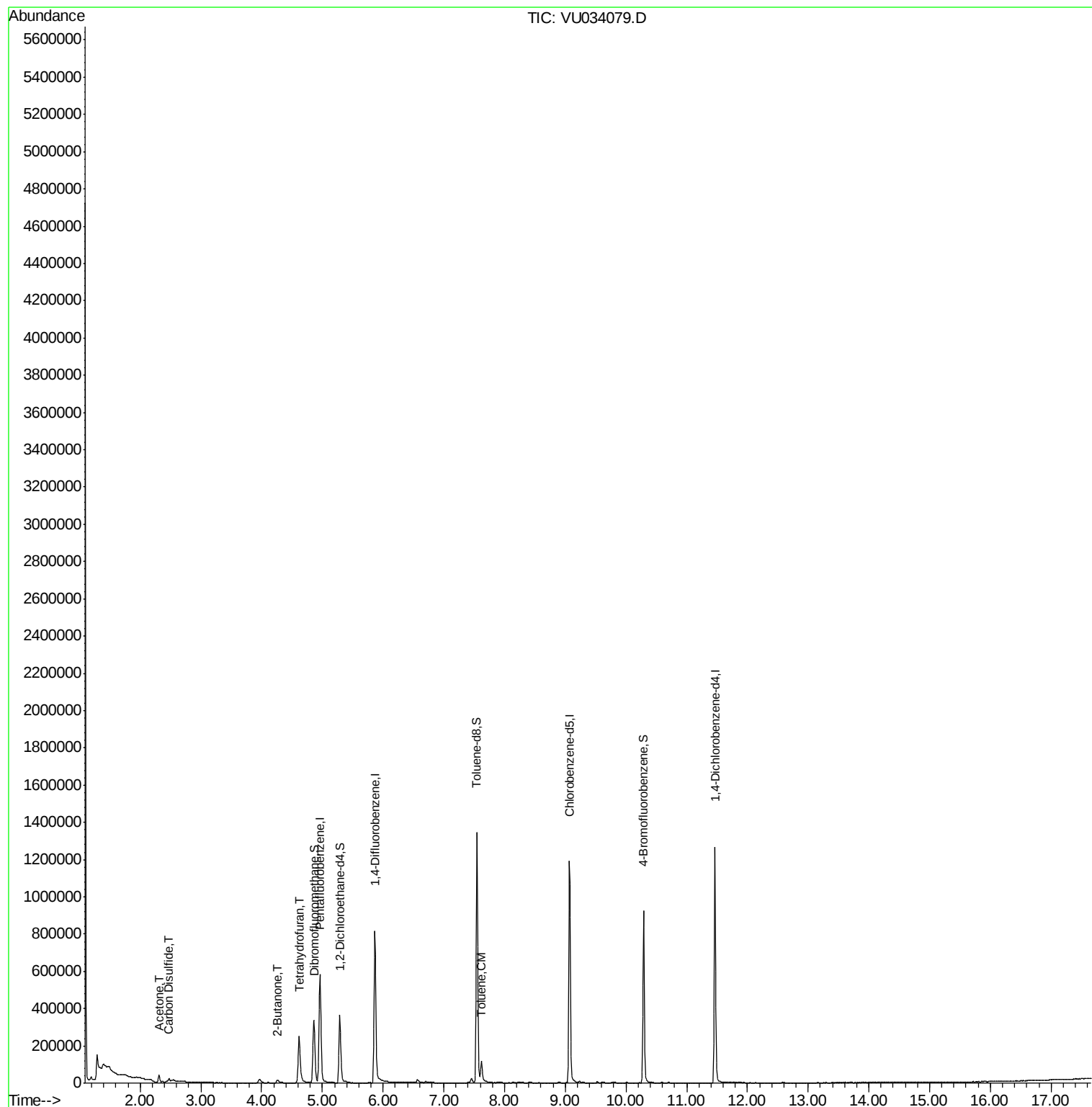
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	469297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	729968	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	700811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	345186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	292506	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
35) Dibromofluoromethane	4.86	113	242510	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	7.55	98	922317	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	10.29	95	324421	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	
Target Compounds						
16) Acetone	2.31	43	42480	13.845	ug/l	99
17) Carbon Disulfide	2.47	76	34288	2.306	ug/l	97
25) 2-Butanone	4.26	43	25016	5.860	ug/l	100
29) Tetrahydrofuran	4.62	42	200348	76.105	ug/l	97
52) Toluene	7.62	92	44929	3.491	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034079.D

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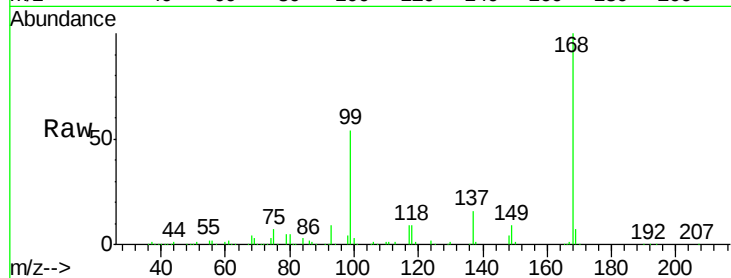
Instrument :
MSVOA_U
ClientSampleId :
FERMENTATION-WASTE

Tot Ion:168 Resp: 469297

Ion Ratio Lower Upper

168 100

99 54.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

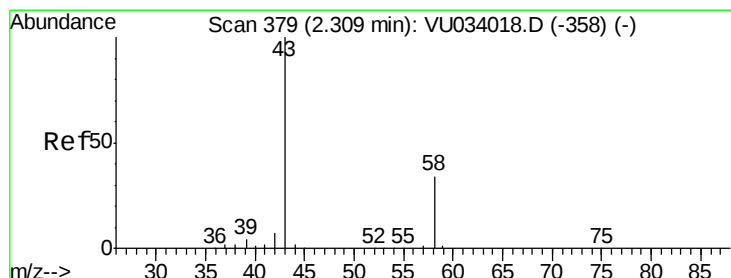
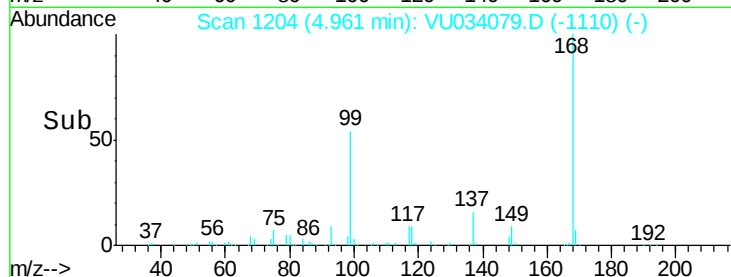
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.845 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU034079.D

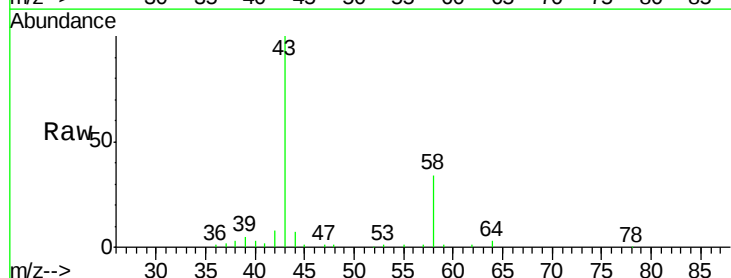
Acq: 29 Aug 2019 21:52

Tgt Ion: 43 Resp: 42480

Ion Ratio Lower Upper

43 100

58 34.1 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-358) (-)

2.31

25000

20000

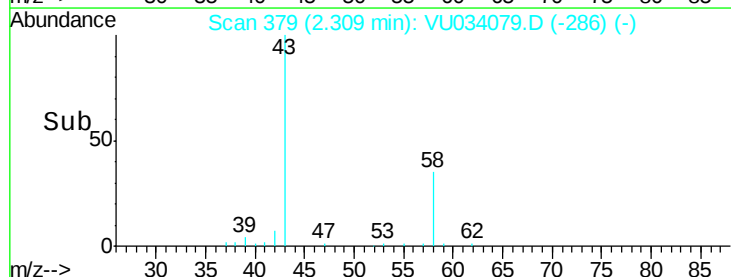
15000

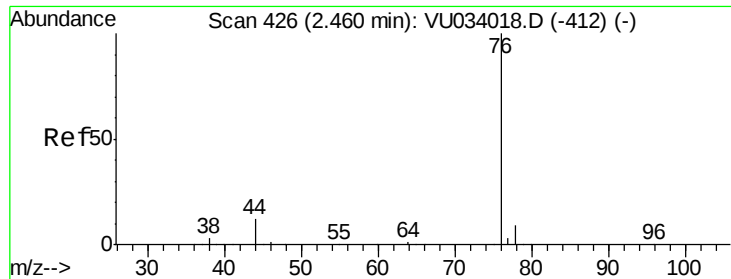
10000

5000

0

Time-->

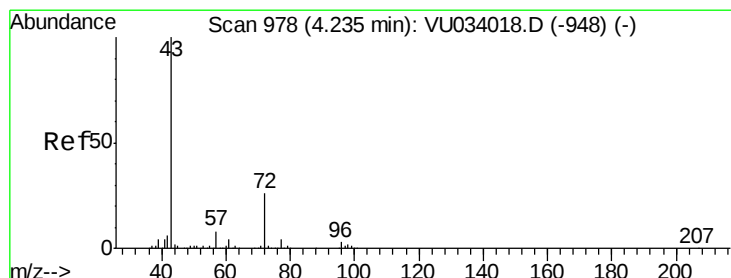
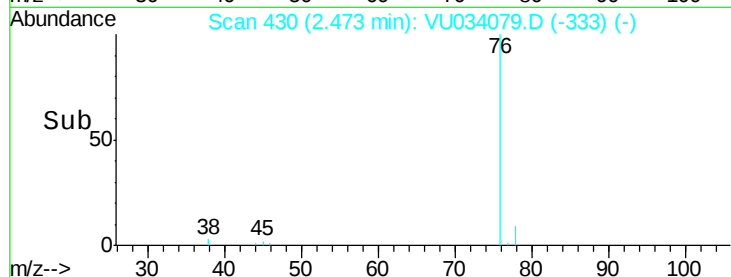
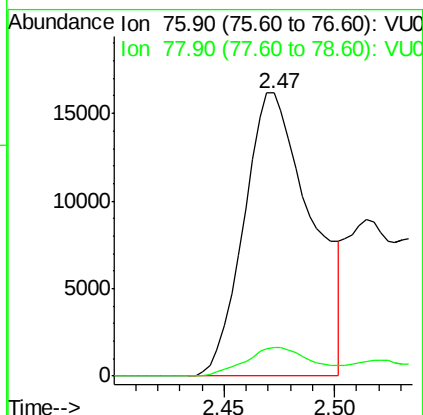
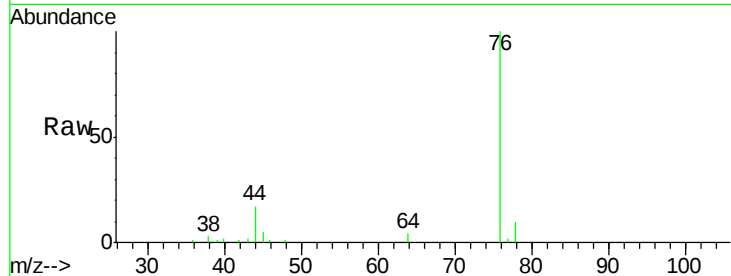




#17
Carbon Disulfide
Concen: 2.306 ug/l
RT: 2.47 min Scan# 430
Delta R.T. 0.01 min
Lab File: VU034079.D
Acq: 29 Aug 2019 21:52

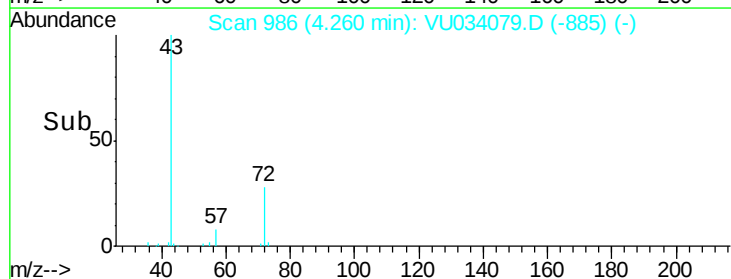
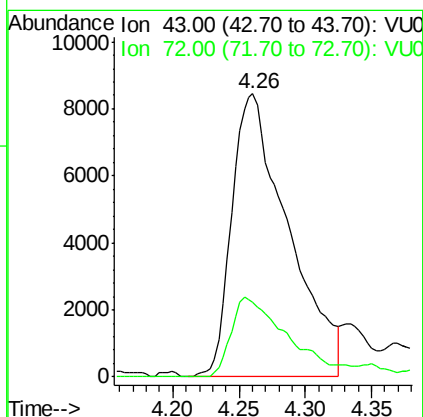
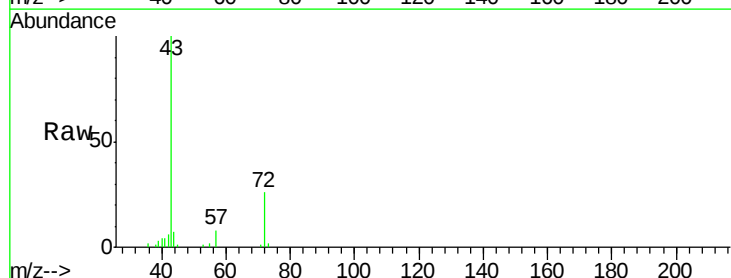
Instrument :
MSVOA_U
ClientSampleId :
FERMENTATION-WASTE

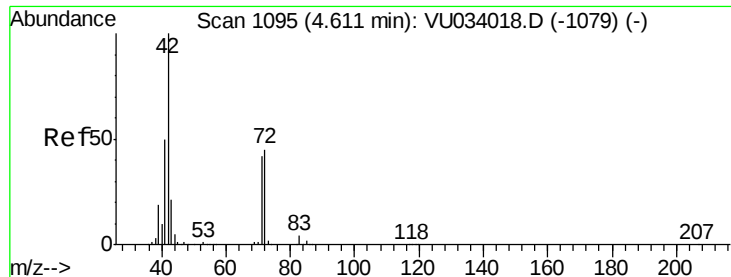
Tot Ion: 76 Resp: 34288
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7



#25
2-Butanone
Concen: 5.860 ug/l
RT: 4.26 min Scan# 986
Delta R.T. 0.03 min
Lab File: VU034079.D
Acq: 29 Aug 2019 21:52

Tgt Ion: 43 Resp: 25016
Ion Ratio Lower Upper
43 100
72 26.4 21.2 31.8





#29

Tetrahydrofuran

Concen: 76.105 ug/l

RT: 4.62 min Scan# 1097

Delta R.T. 0.01 min

Lab File: VU034079.D

Acq: 29 Aug 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

FERMENTATION-WASTE

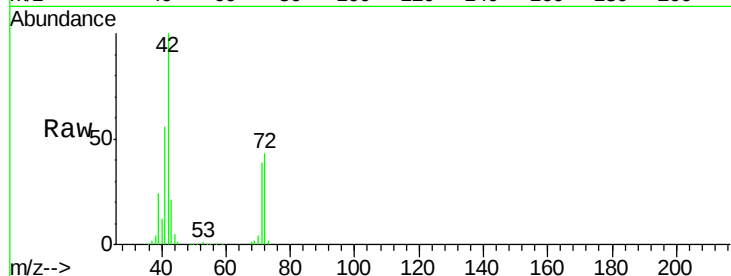
Tot Ion: 42 Resp: 200348

Ion Ratio Lower Upper

42 100

72 43.8 35.8 53.6

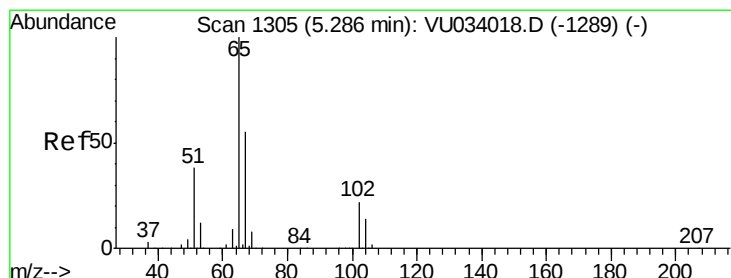
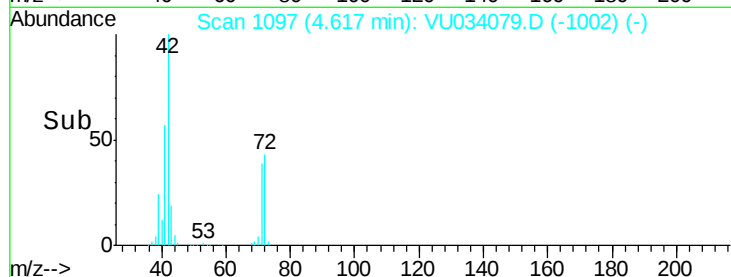
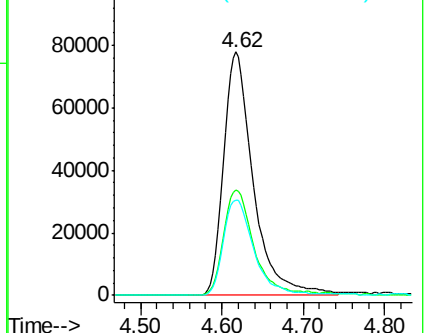
71 39.5 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VU034079.D (-1097) (-)

Ion 72.00 (71.70 to 72.70): VU034079.D (-1097) (-)

Ion 71.00 (70.70 to 71.70): VU034079.D (-1097) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.643 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU034079.D

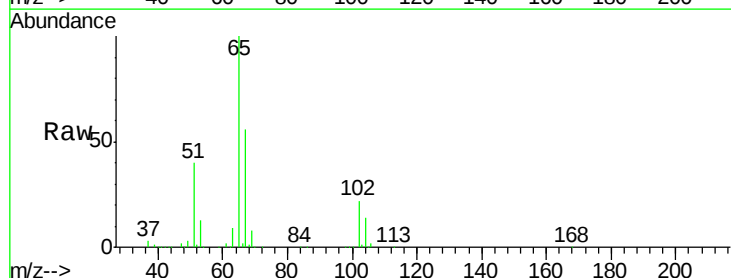
Acq: 29 Aug 2019 21:52

Tgt Ion: 65 Resp: 292506

Ion Ratio Lower Upper

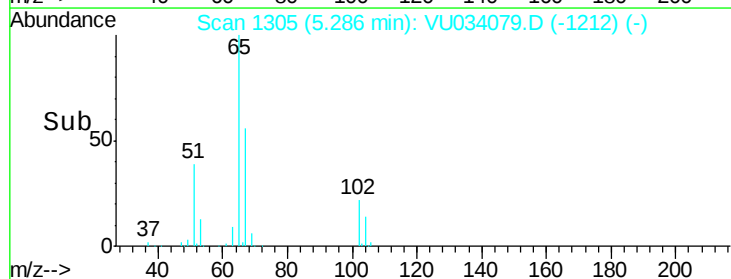
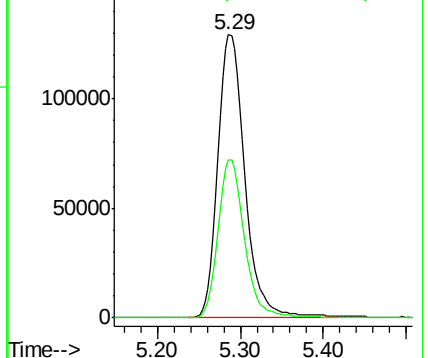
65 100

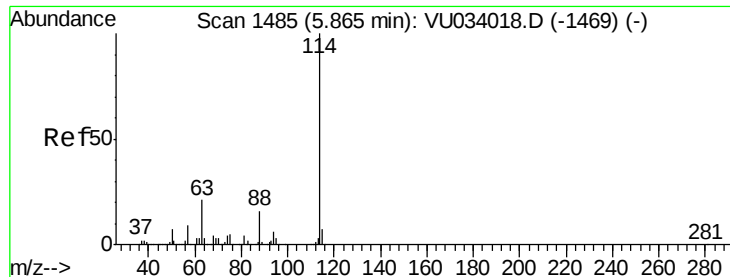
67 54.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034079.D (-1305) (-)

Ion 66.90 (66.60 to 67.60): VU034079.D (-1305) (-)

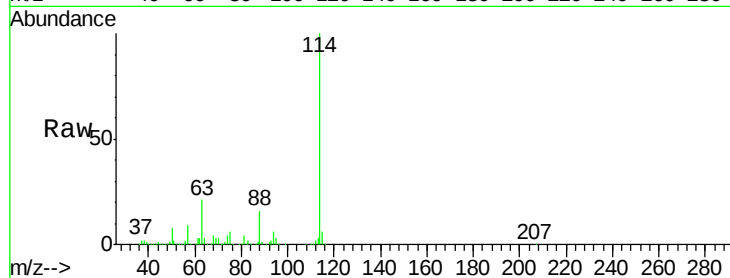




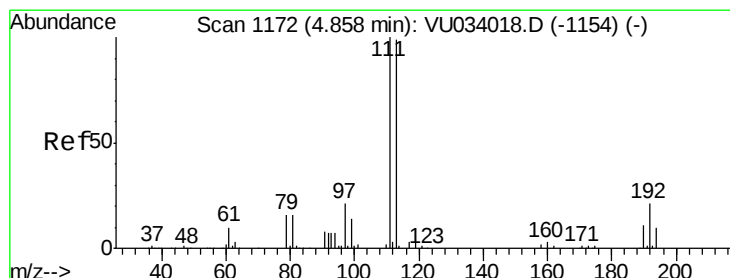
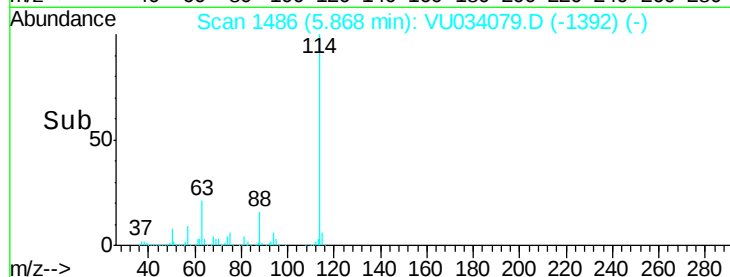
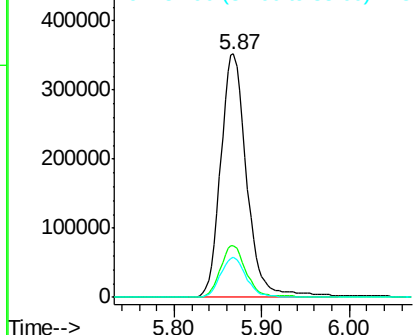
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034079.D
 Acq: 29 Aug 2019 21:52

Instrument :
 MSVOA_U
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 FERMENTATION-WASTE

Tot Ion:114 Resp: 729968
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.0
 88 16.3 0.0 32.0

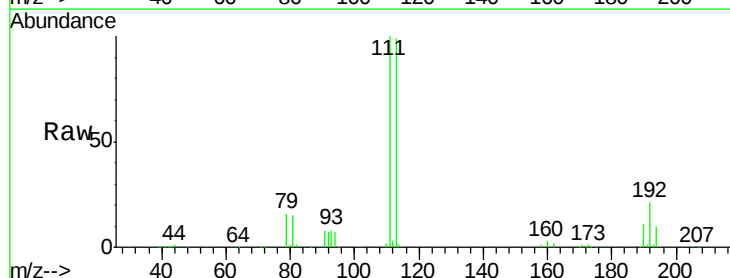


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

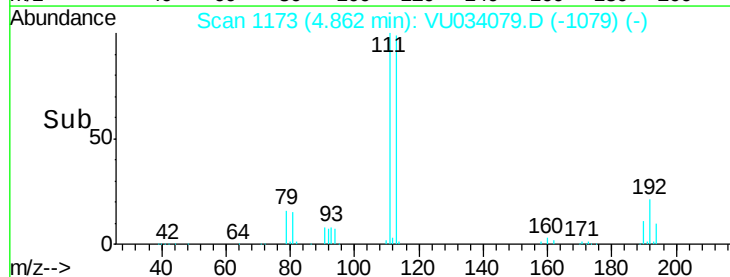
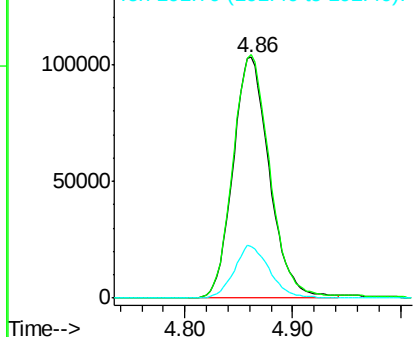


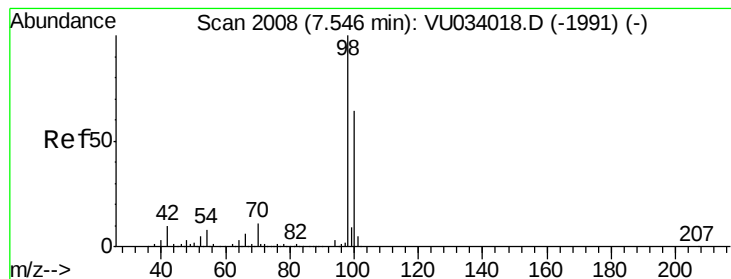
#35
 Dibromofluoromethane
 Concen: 47.899 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034079.D
 Acq: 29 Aug 2019 21:52

Tgt Ion:113 Resp: 242510
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.7 122.5
 192 21.4 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





#50

Toluene-d8

Concen: 48.651 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034079.D

Acq: 29 Aug 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

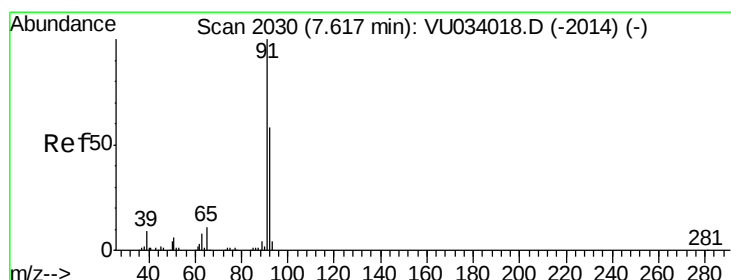
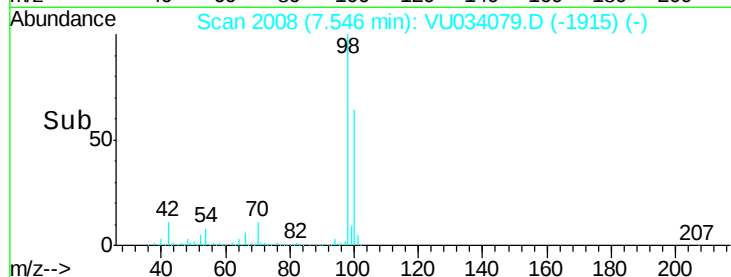
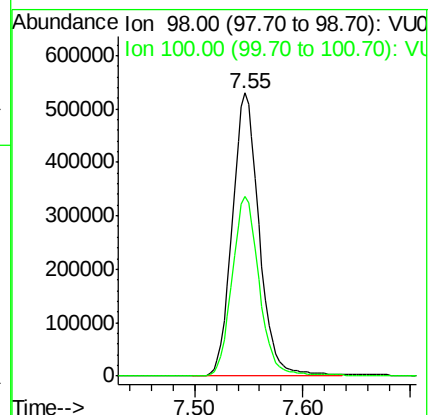
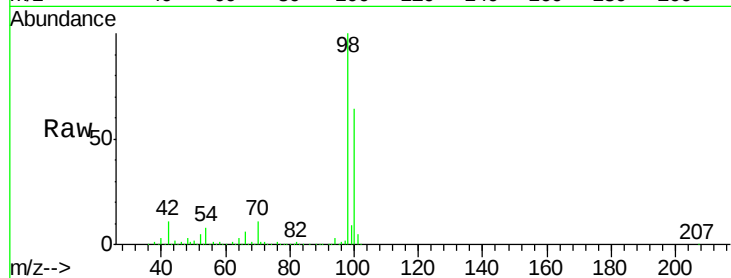
FERMENTATION-WASTE

Tot Ion: 98 Resp: 922317

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5



#52

Toluene

Concen: 3.491 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU034079.D

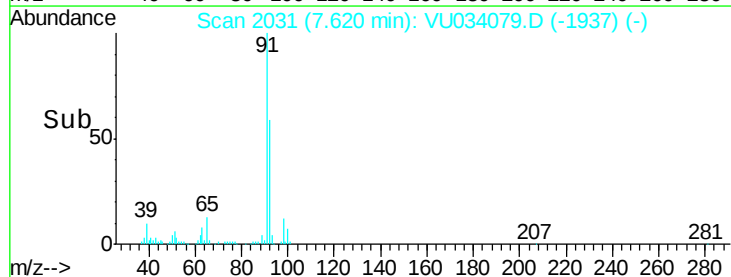
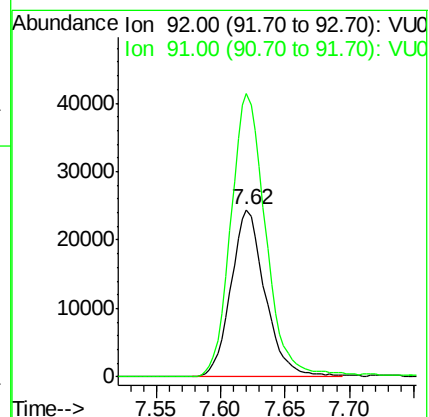
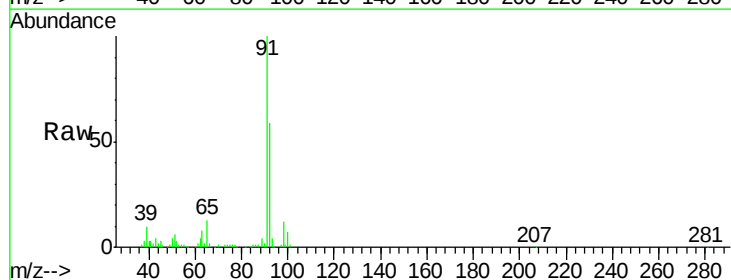
Acq: 29 Aug 2019 21:52

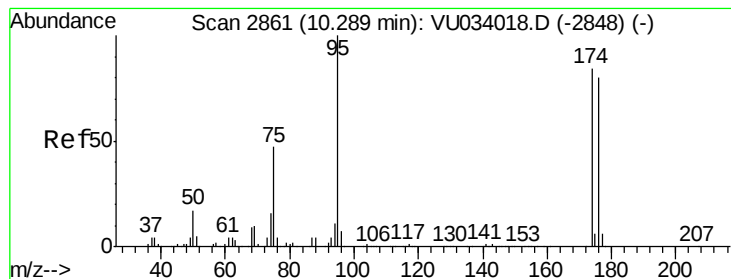
Tgt Ion: 92 Resp: 44929

Ion Ratio Lower Upper

92 100

91 173.1 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 43.993 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034079.D

Acq: 29 Aug 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

FERMENTATION-WASTE

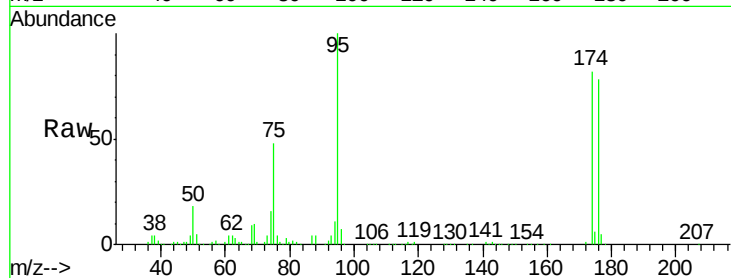
Tot Ion: 95 Resp: 324421

Ion Ratio Lower Upper

95 100

174 84.0 0.0 168.8

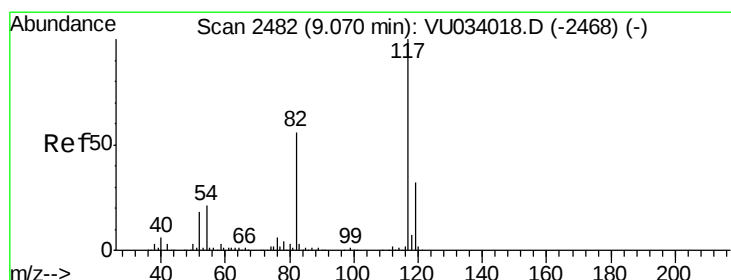
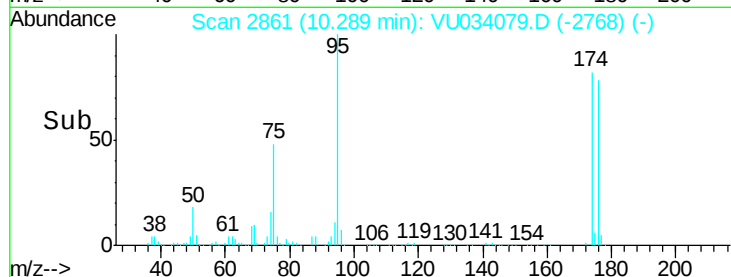
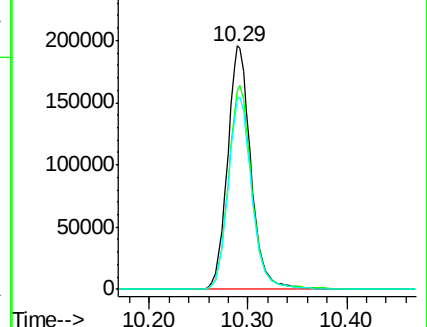
176 80.1 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034079.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034079.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034079.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034079.D

Acq: 29 Aug 2019 21:52

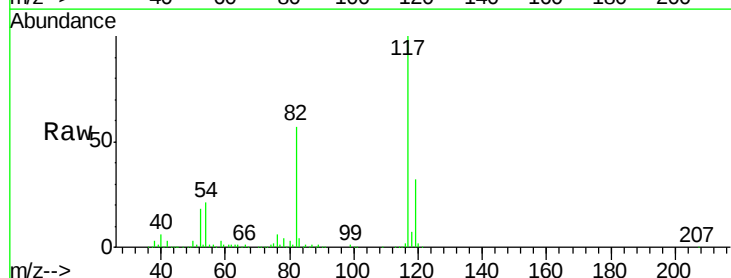
Tgt Ion: 117 Resp: 700811

Ion Ratio Lower Upper

117 100

82 57.5 45.1 67.7

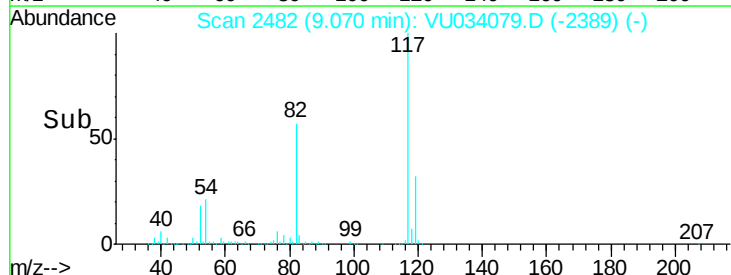
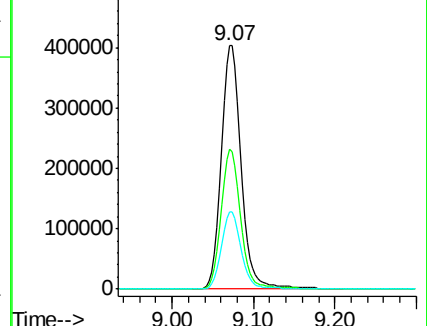
119 31.6 25.4 38.0

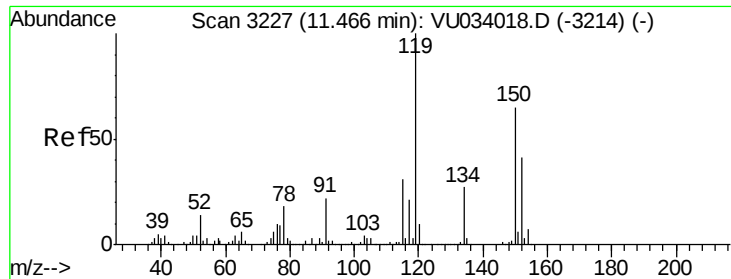


Abundance Ion 116.90 (116.60 to 117.60): VU034079.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034079.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034079.D (-2389) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VU034079.D

Acq: 29 Aug 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

FERMENTATION-WASTE

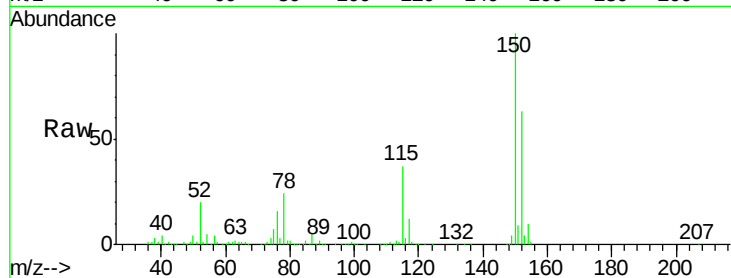
Tot Ion:152 Resp: 345186

Ion Ratio Lower Upper

152 100

115 57.7 41.1 123.3

150 157.3 0.0 348.8



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

