

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\
 Data File : VX005525.D
 Acq On : 23 Oct 2018 17:07
 Operator : JC/MD
 Sample : J5641-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FERMENTATION-WASTE-10-22-18

Quant Time: Oct 24 02:32:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	278742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131893	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	140302	53.43	ug/l	-0.01
Spiked Amount						
			Recovery	=	106.86%	
35) Dibromofluoromethane	5.51	113	113955	50.00	ug/l	0.00
Spiked Amount						
			Recovery	=	100.00%	
50) Toluene-d8	8.72	98	373809	47.78	ug/l	0.00
Spiked Amount						
			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.14	95	122669	41.74	ug/l	0.00
Spiked Amount						
			Recovery	=	83.48%	

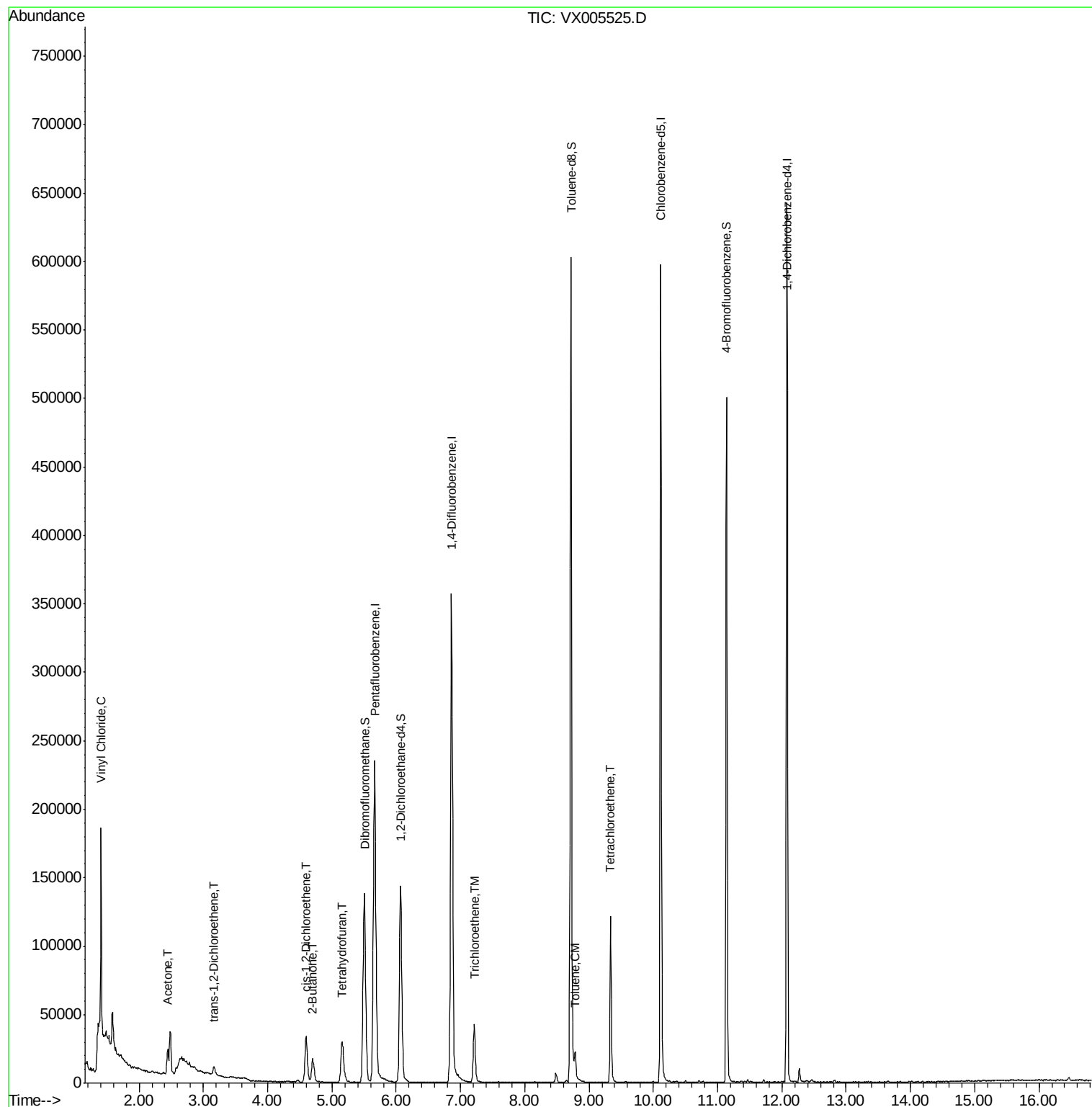
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	107007	39.410	ug/l #	88
16) Acetone	2.45	43	19426	12.796	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	2084	0.908	ug/l	95
25) 2-Butanone	4.70	43	30079	13.541	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	20329	8.146	ug/l	98
29) Tetrahydrofuran	5.15	42	26087	18.412	ug/l	90
44) Trichloroethene	7.21	130	16951	6.095	ug/l	85
52) Toluene	8.79	92	5570	1.018	ug/l	93
64) Tetrachloroethene	9.34	164	24909	11.100	ug/l	96

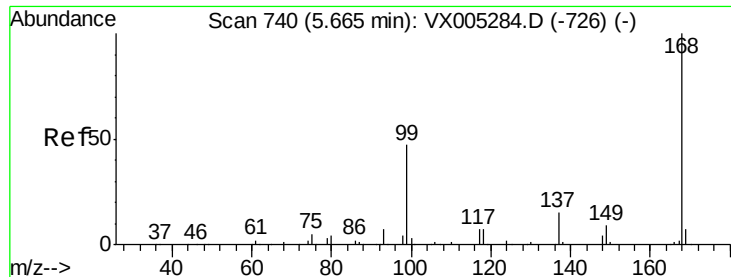
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FERMENTATION-WASTE-10-22-18

Quant Time: Oct 24 02:32:22 2018
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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005525.D

Acq: 23 Oct 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

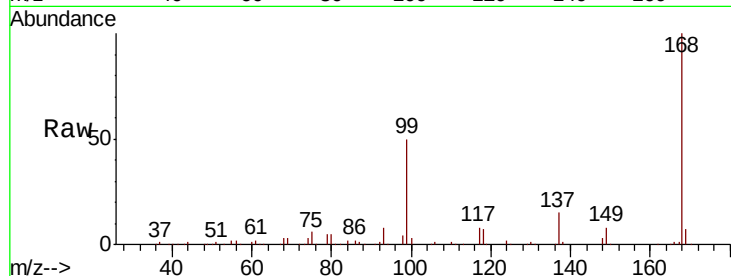
FERMENTATION-WASTE-10-22-18

Tot Ion:168 Resp: 236586

Ion Ratio Lower Upper

168 100

99 49.5 39.9 59.9

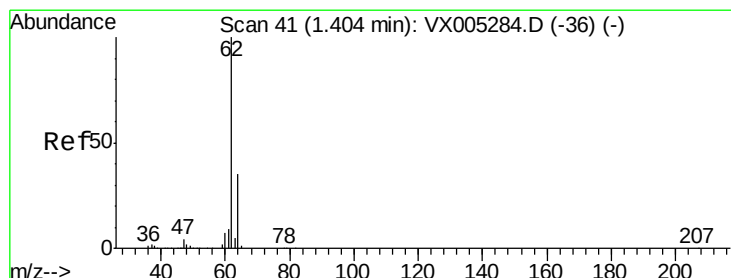
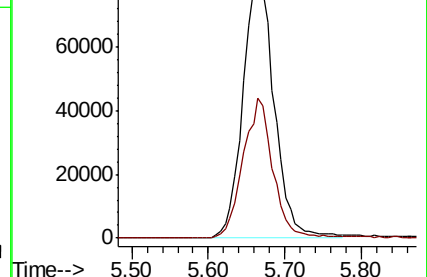
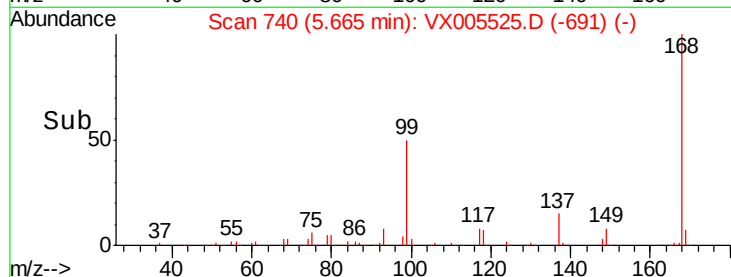


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#4

Vinyl Chloride

Concen: 39.410 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005525.D

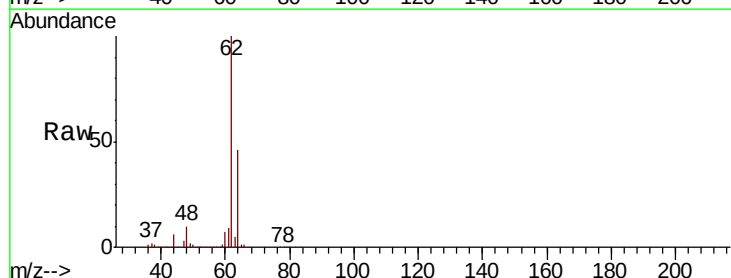
Acq: 23 Oct 2018 17:07

Tgt Ion: 62 Resp: 107007

Ion Ratio Lower Upper

62 100

64 25.8 25.8 38.8#

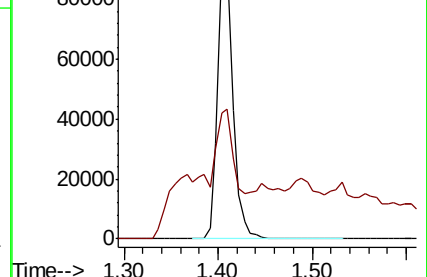
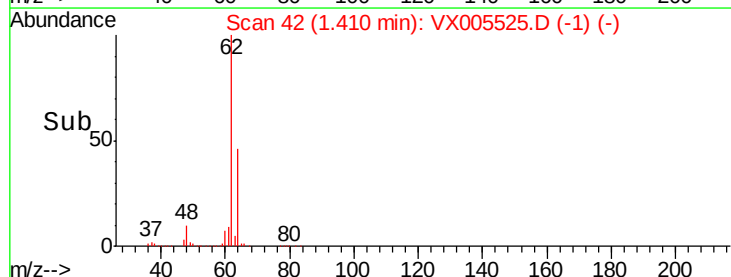


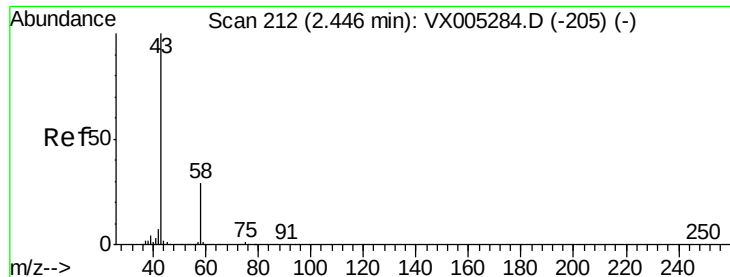
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

Time-->

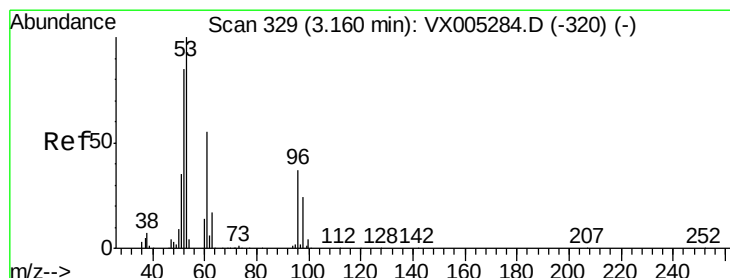
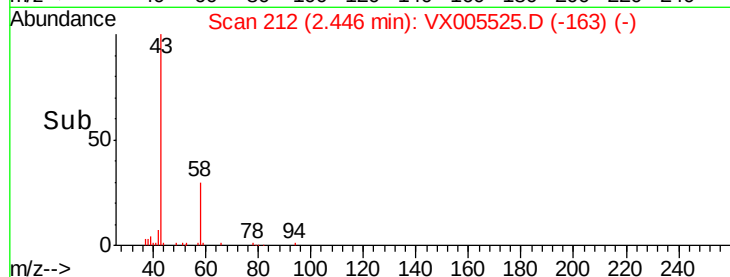
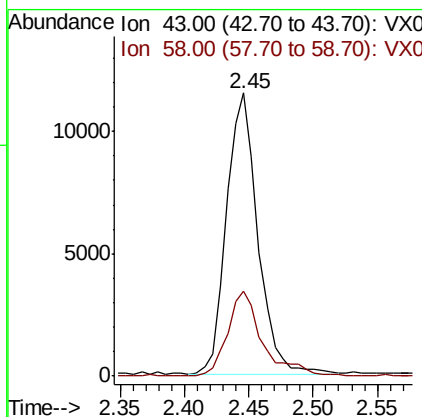
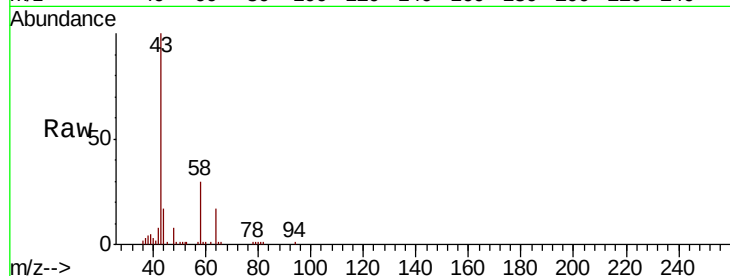




#16
Acetone
Concen: 12.796 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

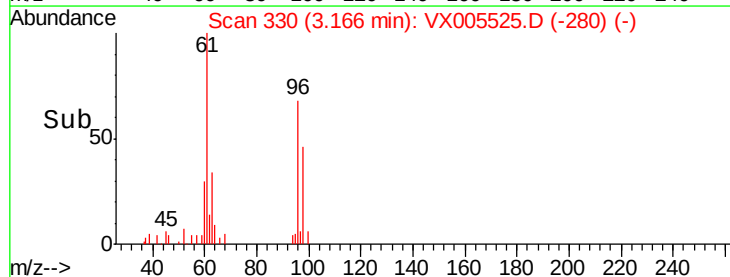
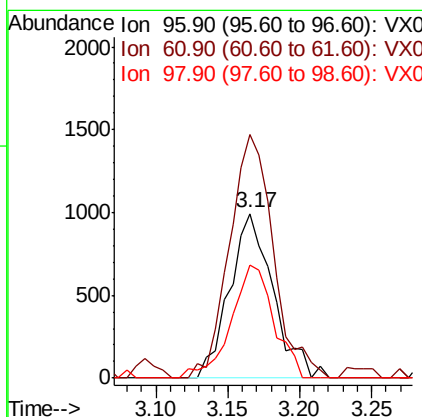
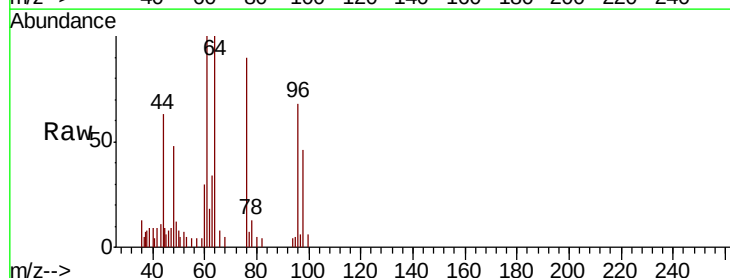
Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE-10-22-18

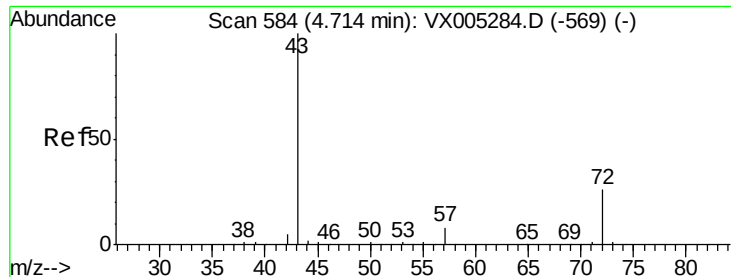
Tot Ion: 43 Resp: 19426
Ion Ratio Lower Upper
43 100
58 30.4 26.2 39.4



#21
trans-1,2-Dichloroethene
Concen: 0.908 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 96 Resp: 2084
Ion Ratio Lower Upper
96 100
61 147.9 113.8 170.6
98 68.3 51.8 77.8





#25

2-Butanone

Concen: 13.541 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005525.D

Acq: 23 Oct 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

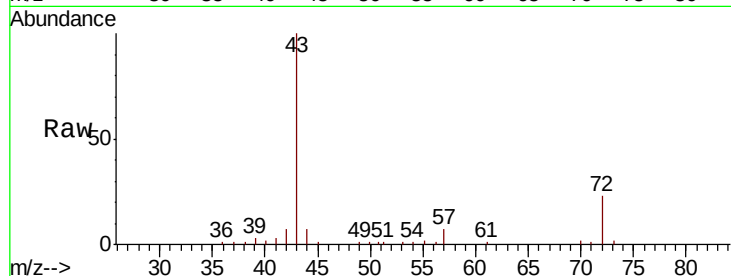
FERMENTATION-WASTE-10-22-18

Tot Ion: 43 Resp: 30079

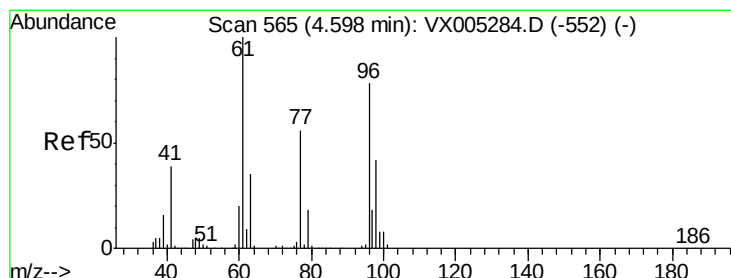
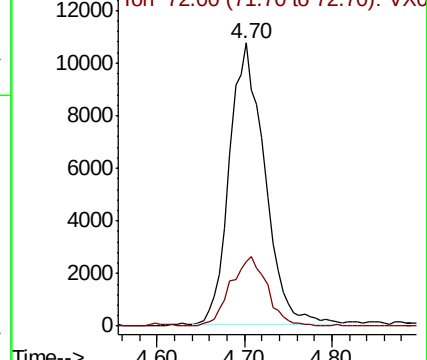
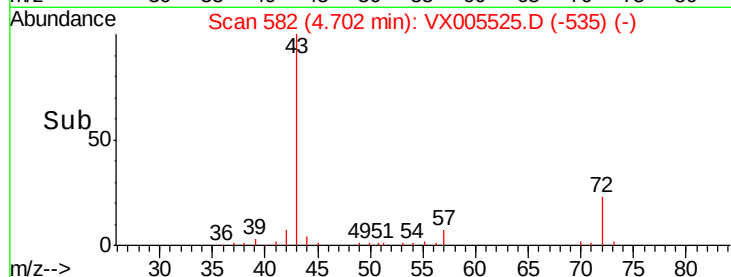
Ion Ratio Lower Upper

43 100

72 22.9 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX005525.D (-535) (-)



#27

cis-1,2-Dichloroethene

Concen: 8.146 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX005525.D

Acq: 23 Oct 2018 17:07

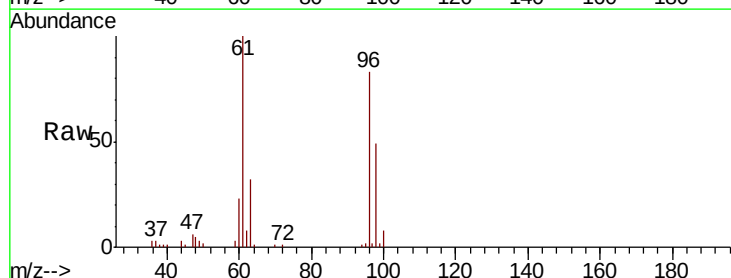
Tgt Ion: 96 Resp: 20329

Ion Ratio Lower Upper

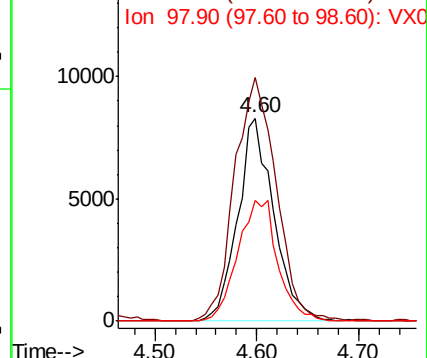
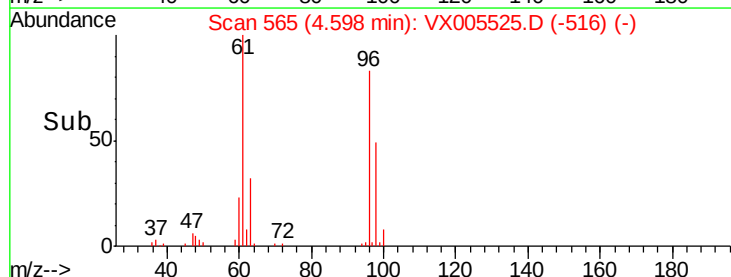
96 100

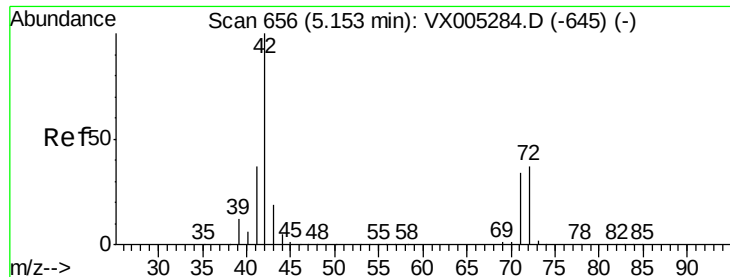
61 138.7 0.0 282.6

98 65.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX005525.D (-516) (-)

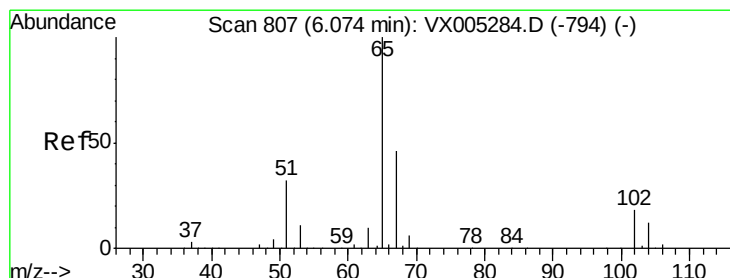
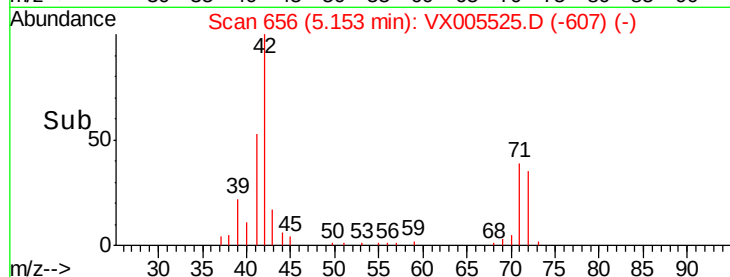
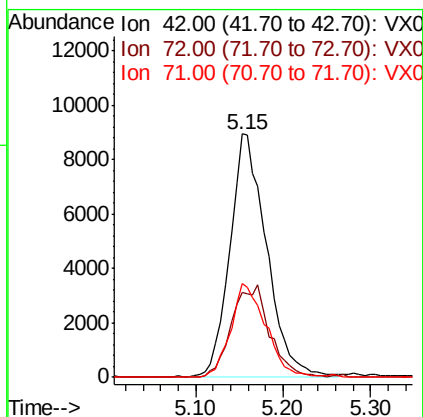
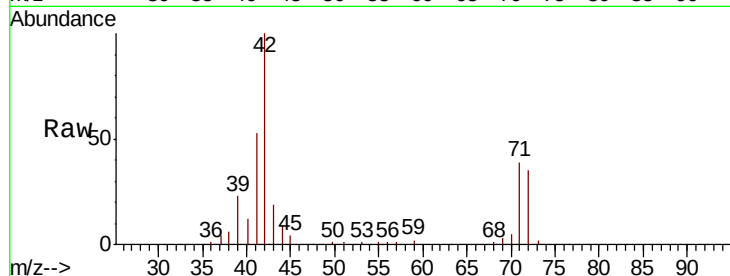




#29
Tetrahydrofuran
Concen: 18.412 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

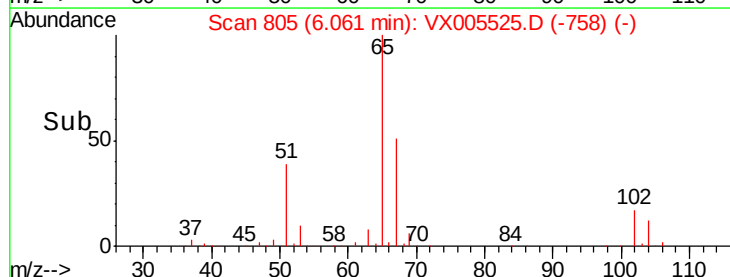
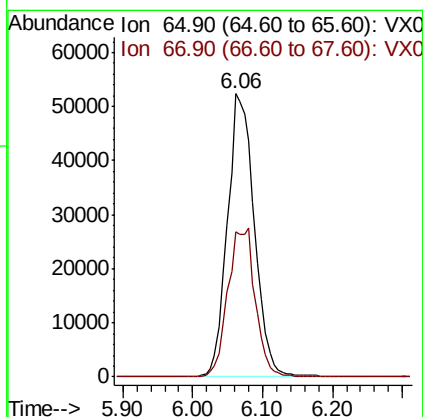
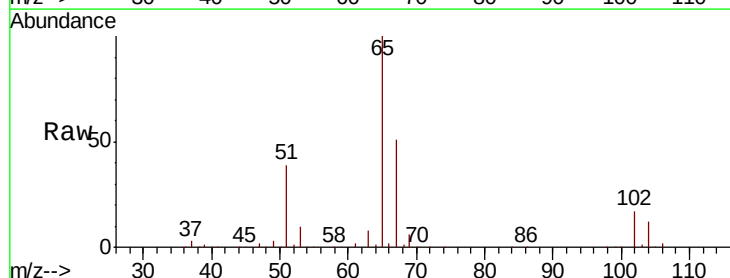
Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE-10-22-18

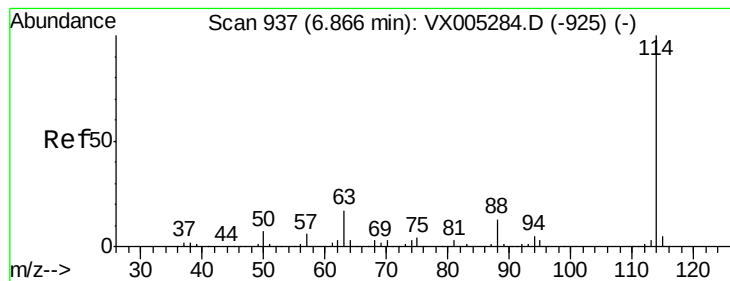
Tot Ion: 42 Resp: 26087
Ion Ratio Lower Upper
42 100
72 39.1 37.4 56.0
71 37.2 34.5 51.7



#33
1,2-Dichloroethane-d4
Concen: 53.433 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 65 Resp: 140302
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005525.D

Acq: 23 Oct 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

FERMENTATION-WASTE-10-22-18

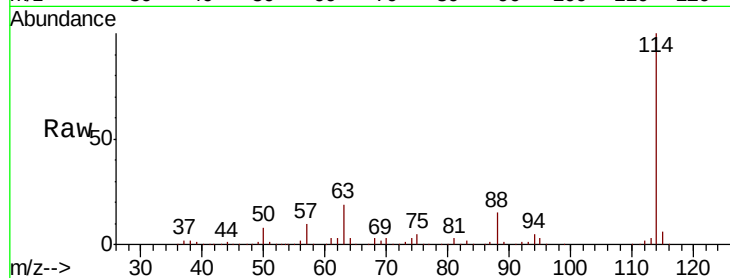
Tot Ion:114 Resp: 344078

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.0

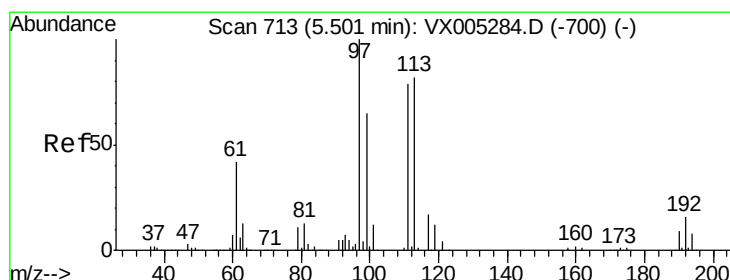
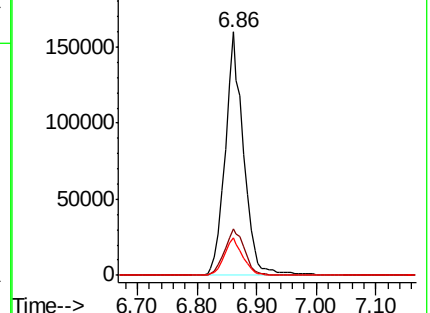
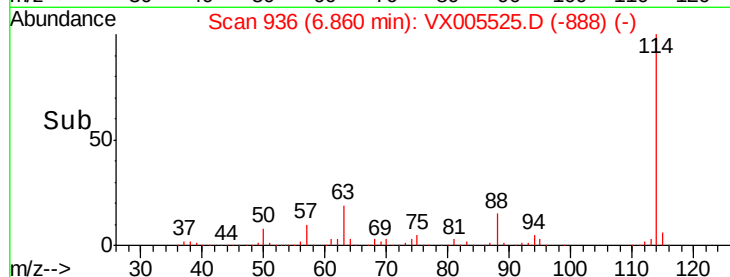
88 15.2 0.0 30.4



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: 50.004 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005525.D

Acq: 23 Oct 2018 17:07

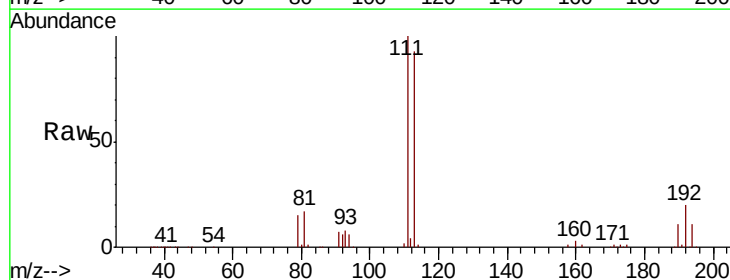
Tgt Ion:113 Resp: 113955

Ion Ratio Lower Upper

113 100

111 105.0 82.4 123.6

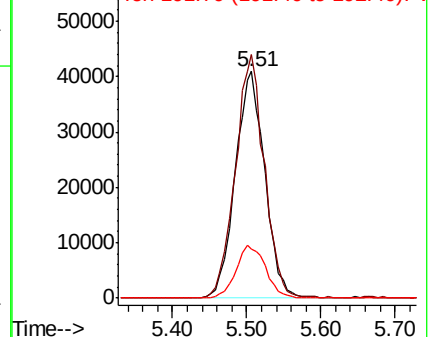
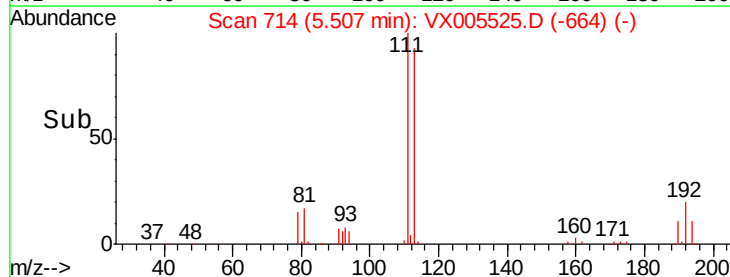
192 23.3 19.4 29.2

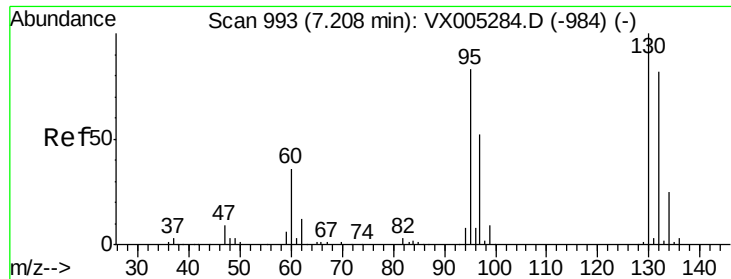


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 6.095 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005525.D

Acq: 23 Oct 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

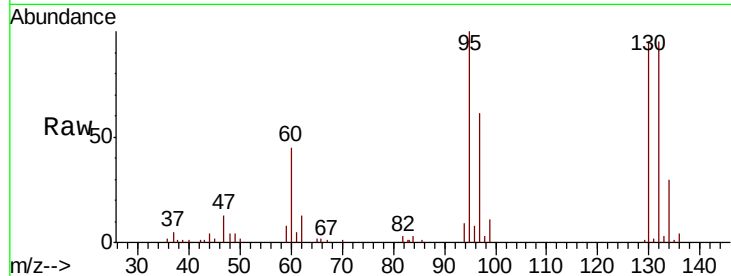
FERMENTATION-WASTE-10-22-18

Tot Ion:130 Resp: 16951

Ion Ratio Lower Upper

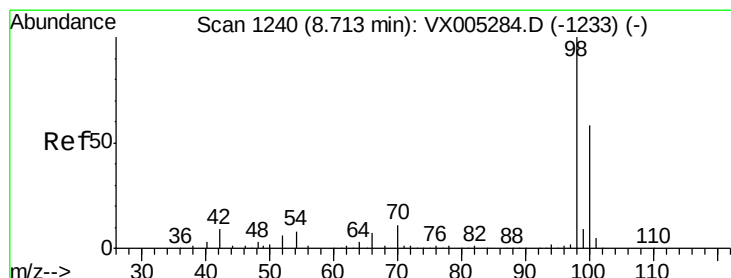
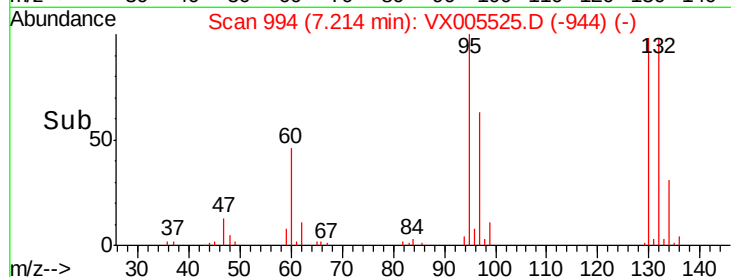
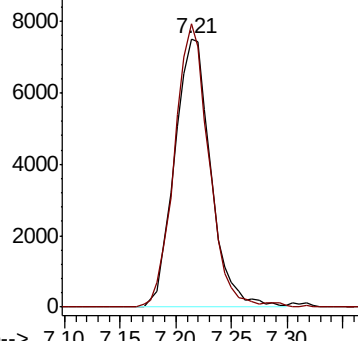
130 100

95 105.4 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.779 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005525.D

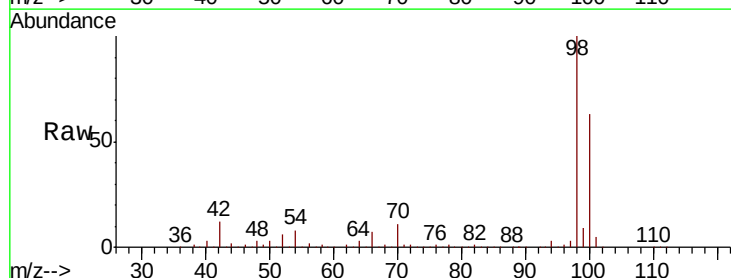
Acq: 23 Oct 2018 17:07

Tgt Ion: 98 Resp: 373809

Ion Ratio Lower Upper

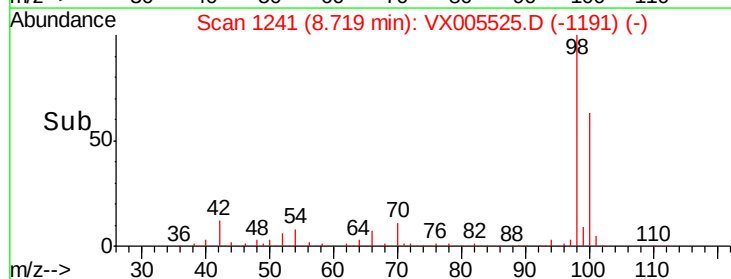
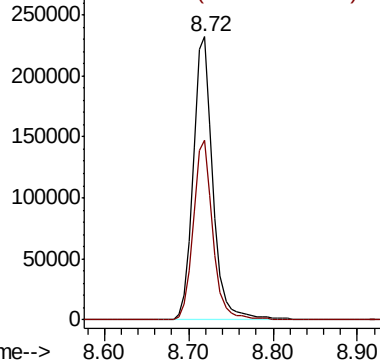
98 100

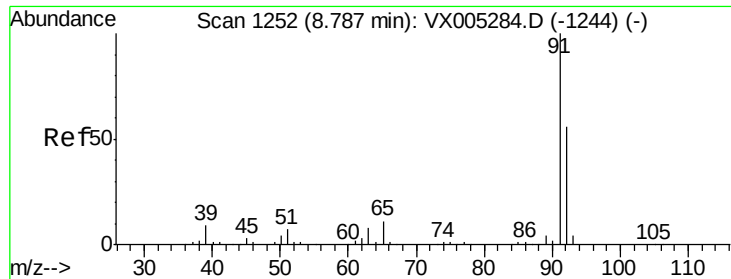
100 63.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.018 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005525.D

Acq: 23 Oct 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

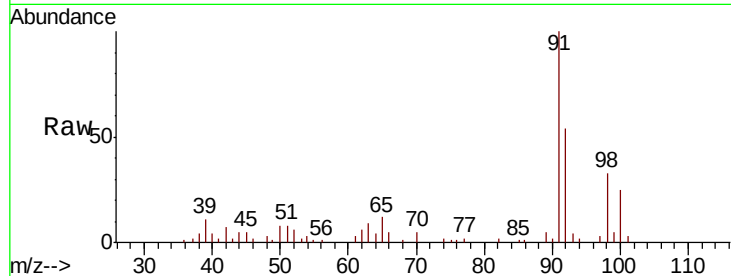
FERMENTATION-WASTE-10-22-18

Tot Ion: 92 Resp: 5570

Ion Ratio Lower Upper

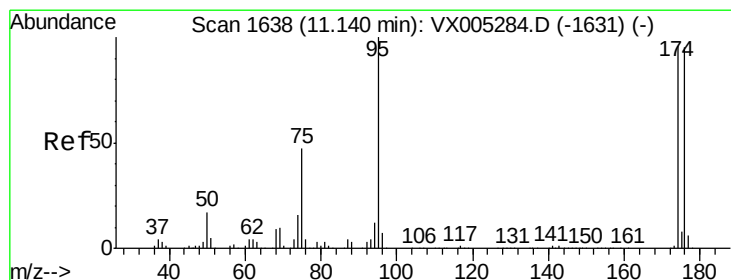
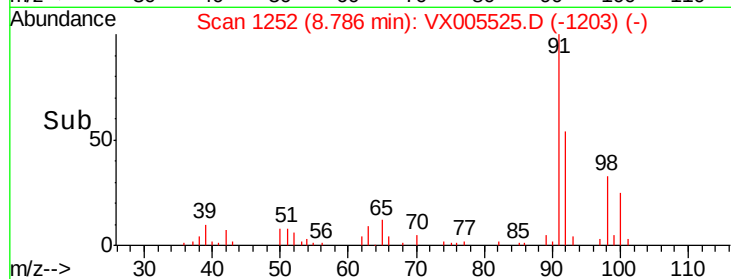
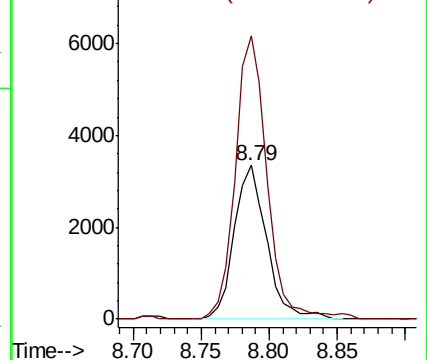
92 100

91 179.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 41.737 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005525.D

Acq: 23 Oct 2018 17:07

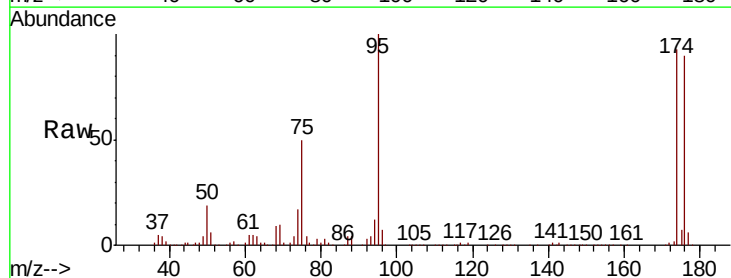
Tgt Ion: 95 Resp: 122669

Ion Ratio Lower Upper

95 100

174 92.9 0.0 185.2

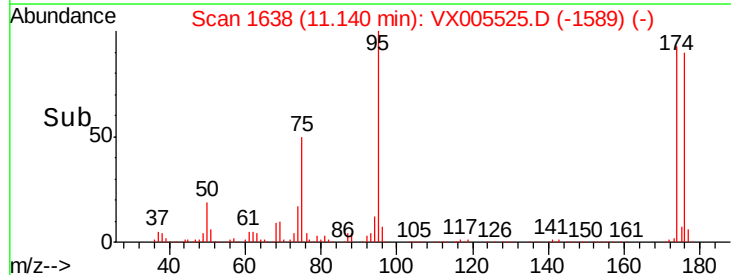
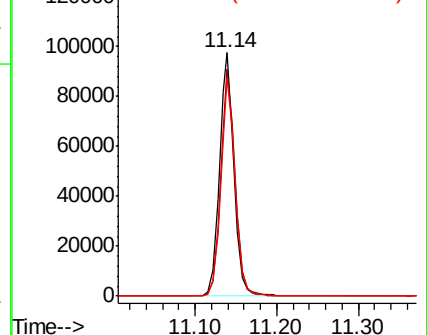
176 89.0 0.0 178.6

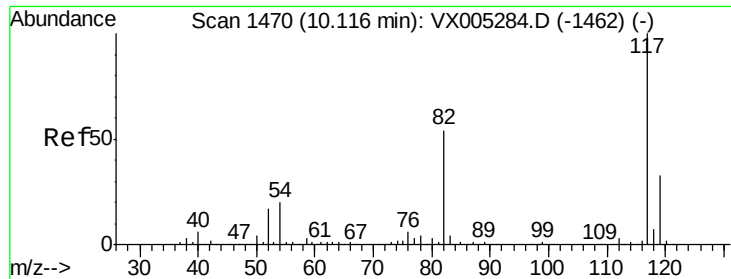


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

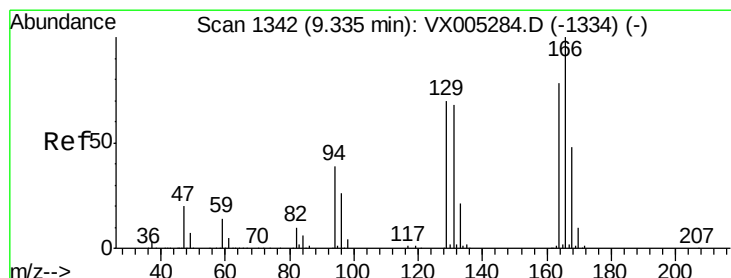
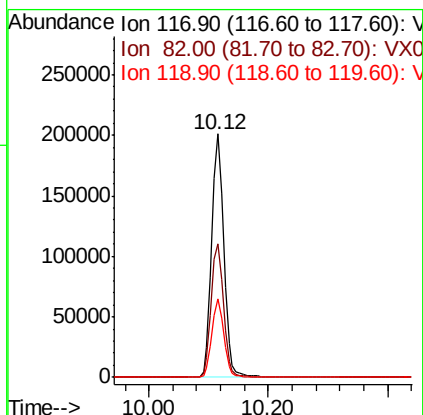
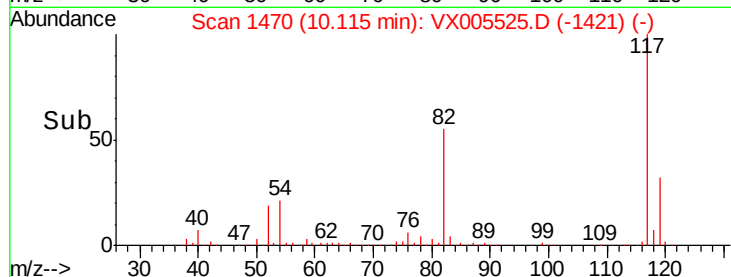
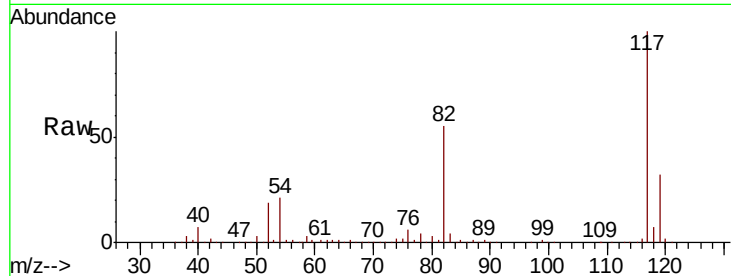




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

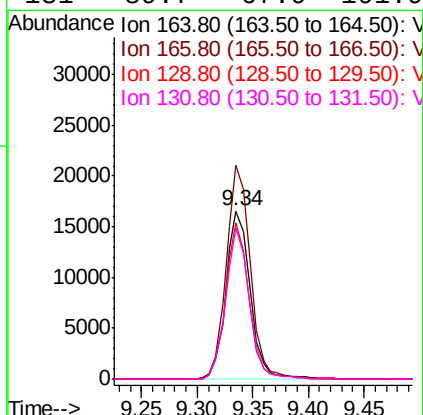
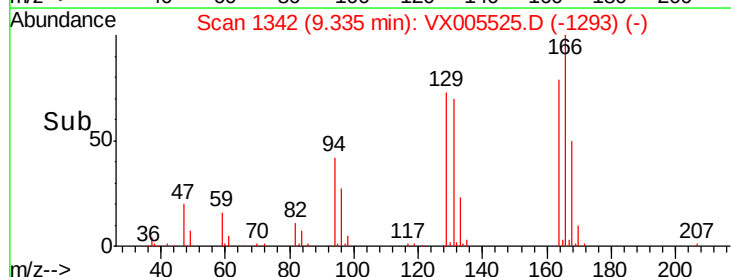
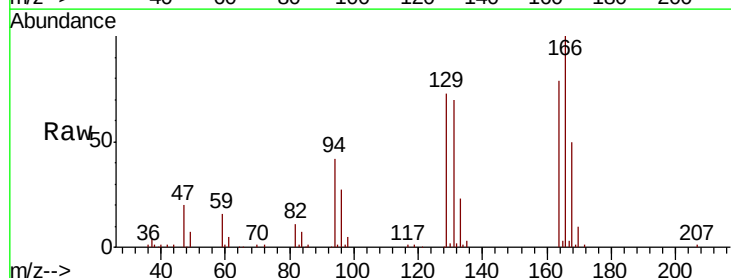
Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE-10-22-18

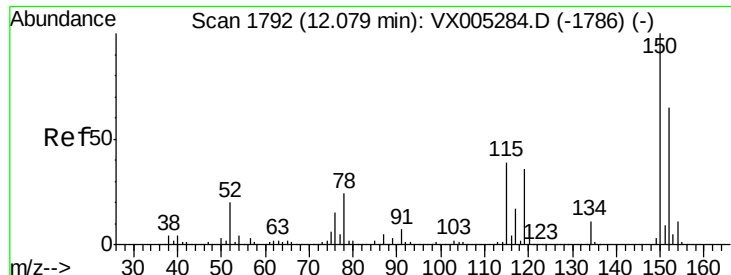
Tot Ion:117 Resp: 278742
Ion Ratio Lower Upper
117 100
82 54.7 47.8 71.6
119 32.4 29.3 43.9



#64
Tetrachloroethene
Concen: 11.100 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion:164 Resp: 24909
Ion Ratio Lower Upper
164 100
166 127.2 102.8 154.2
129 93.0 69.4 104.0
131 89.7 67.9 101.9

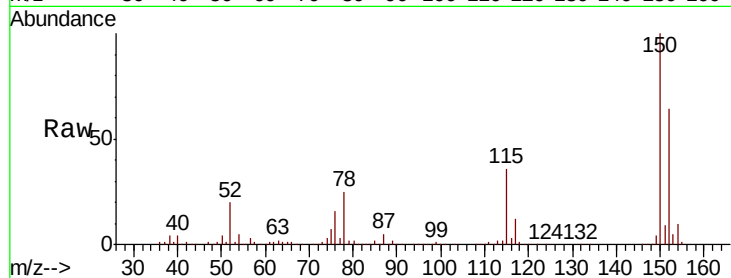




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005525.D
 Acq: 23 Oct 2018 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 FERMENTATION-WASTE-10-22-18

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.0	117.0
150	155.3	0.0	351.0



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

