

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051355.D
 Acq On : 20 Sep 2018 21:47
 Operator : MD\SY
 Sample : J4993-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NS-SLUDGE

Quant Time: Sep 21 07:21:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

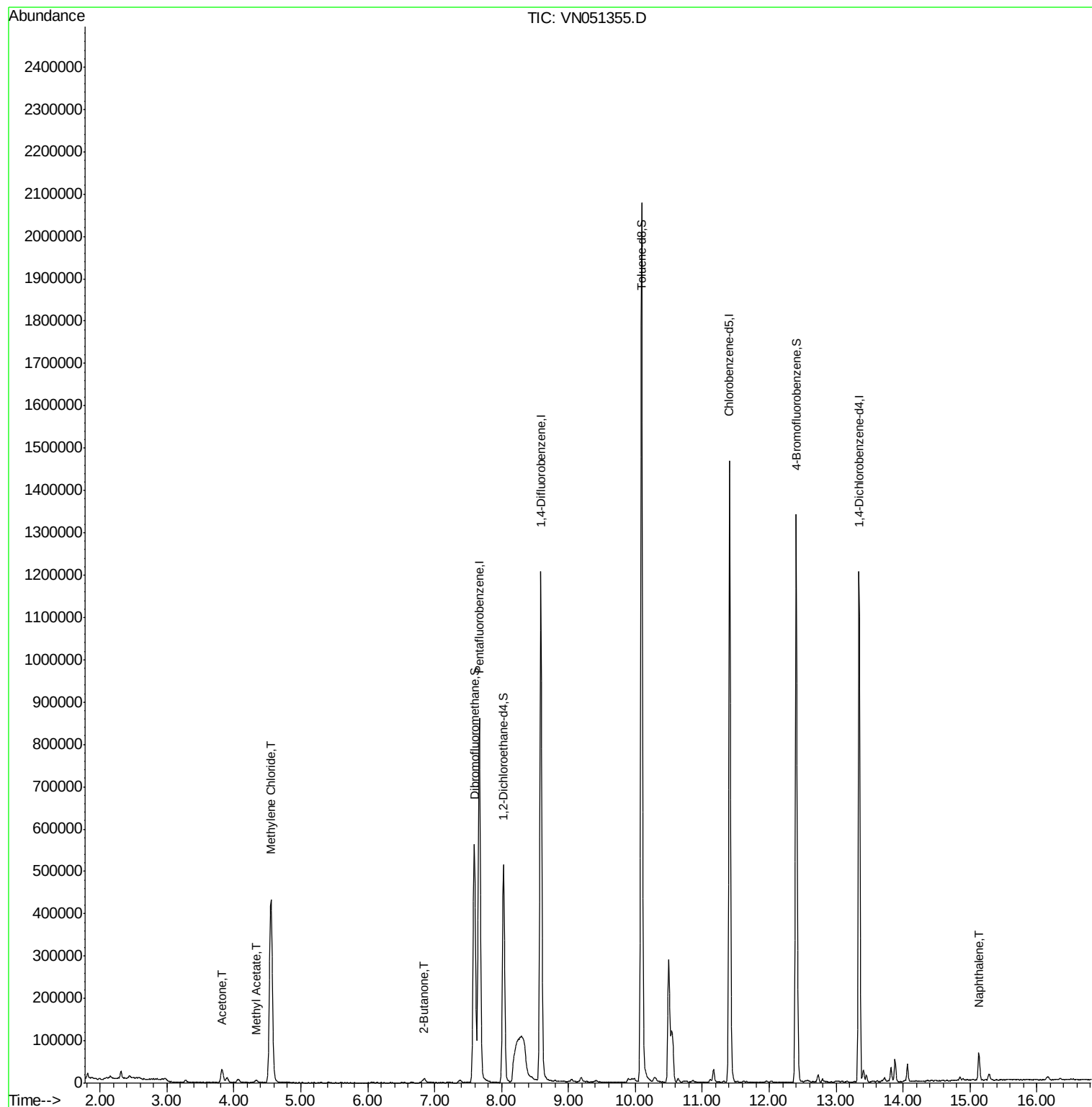
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	797725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1166190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	954727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	371789	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	438280	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
35) Dibromofluoromethane	7.59	113	435159	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
50) Toluene-d8	10.09	98	1559649	43.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.10%	
62) 4-Bromofluorobenzene	12.40	95	424088	35.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.96%	
Target Compounds						
16) Acetone	3.82	43	53058	29.873	ug/l	94
18) Methyl Acetate	4.33	43	12122	1.986	ug/l #	87
20) Methylene Chloride	4.55	84	357069	40.176	ug/l	98
25) 2-Butanone	6.84	43	15187	6.148	ug/l	100
95) Naphthalene	15.13	128	59479	6.021	ug/l	98

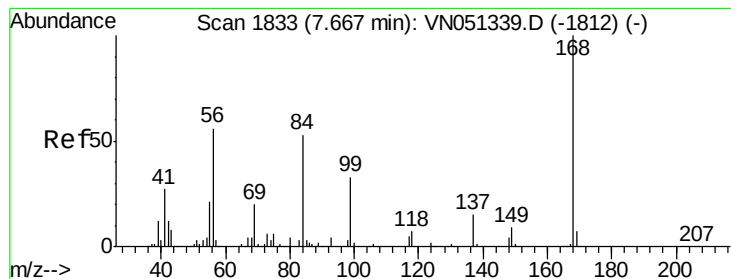
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051355.D

Acq: 20 Sep 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

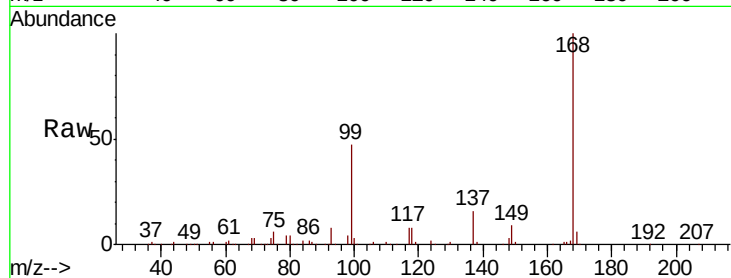
NS-SLUDGE

Tot Ion:168 Resp: 797725

Ion Ratio Lower Upper

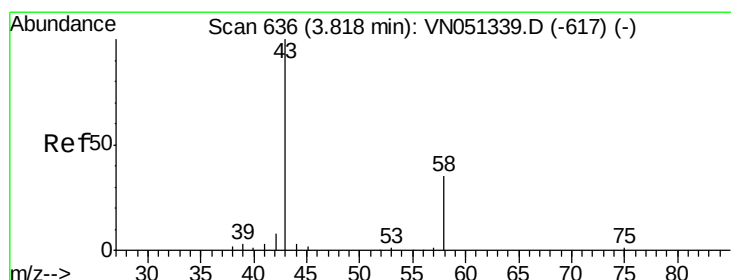
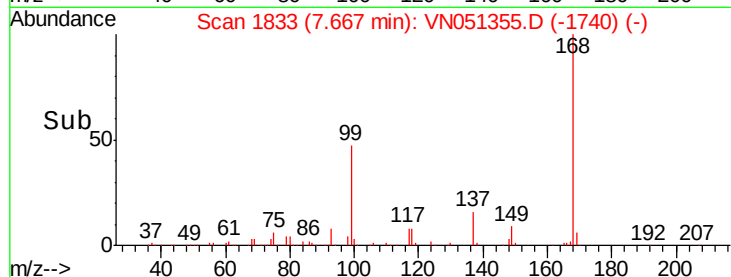
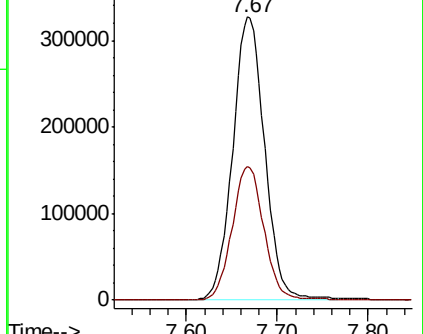
168 100

99 47.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 29.873 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051355.D

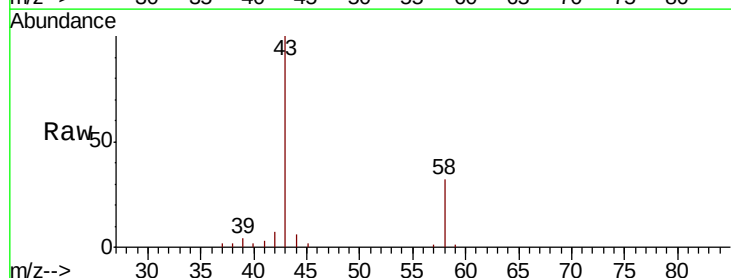
Acq: 20 Sep 2018 21:47

Tgt Ion: 43 Resp: 53058

Ion Ratio Lower Upper

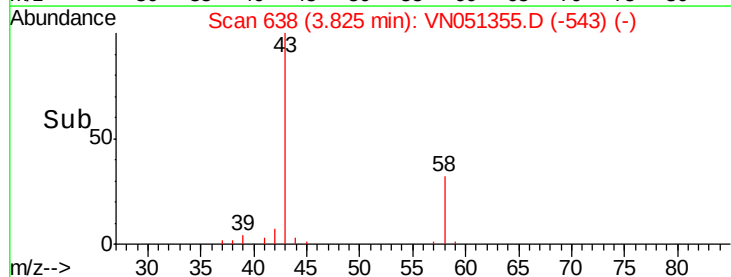
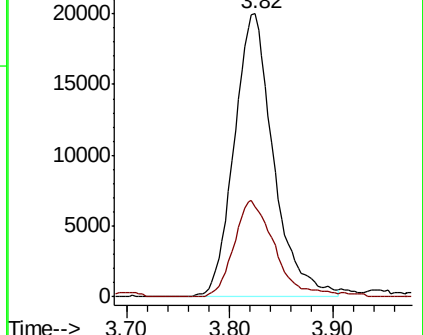
43 100

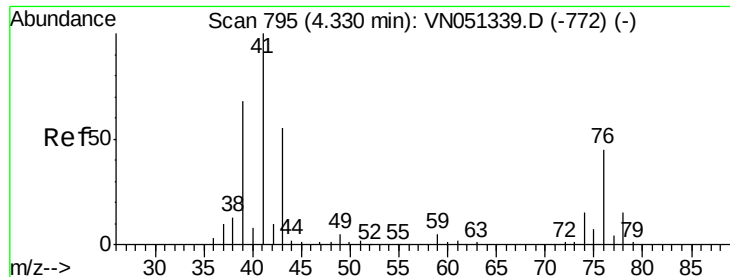
58 32.0 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

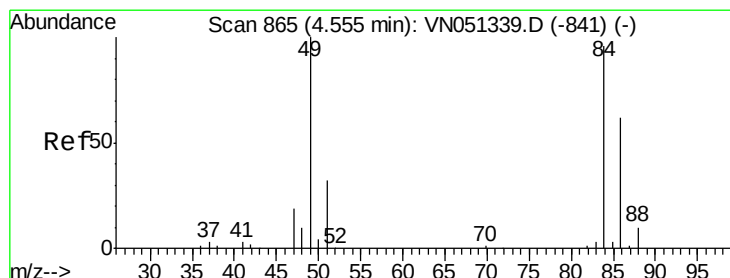
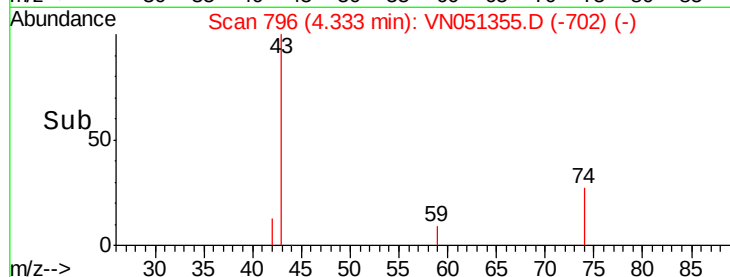
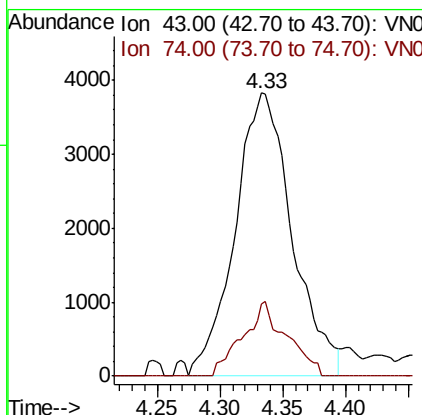
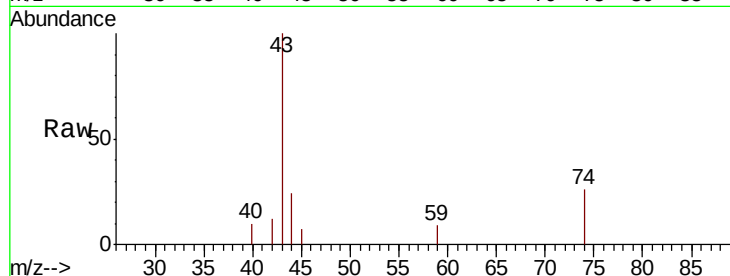




#18
Methvl Acetate
Concen: 1.986 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN051355.D
Acq: 20 Sep 2018 21:47

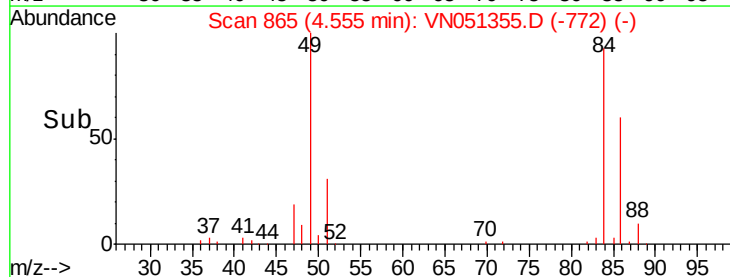
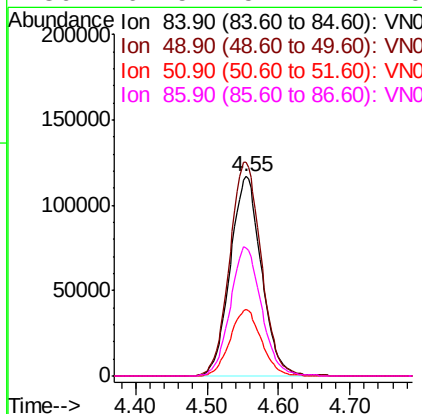
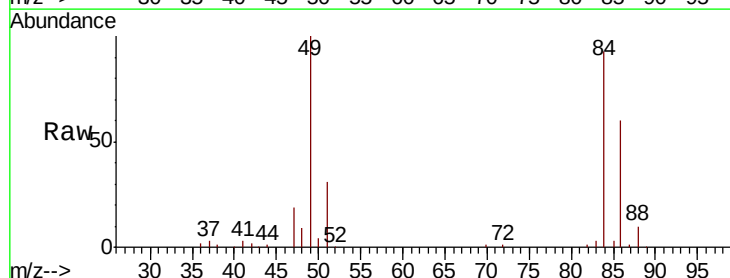
Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

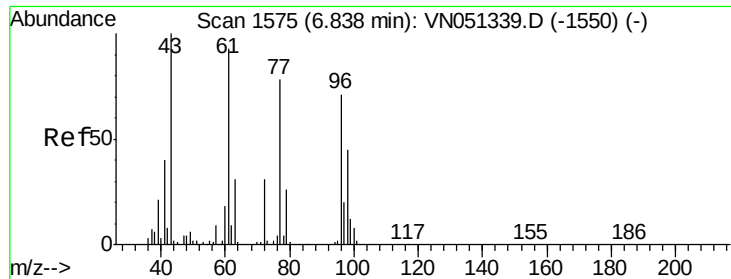
Tot Ion: 43 Resp: 12122
Ion Ratio Lower Upper
43 100
74 20.3 21.7 32.5#



#20
Methylene Chloride
Concen: 40.176 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051355.D
Acq: 20 Sep 2018 21:47

Tgt Ion: 84 Resp: 357069
Ion Ratio Lower Upper
84 100
49 107.3 83.2 124.8
51 33.2 26.4 39.6
86 64.5 51.4 77.0

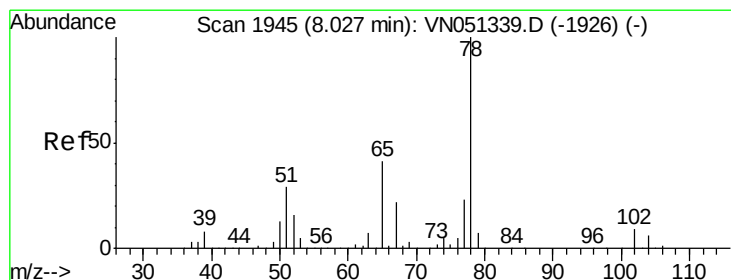
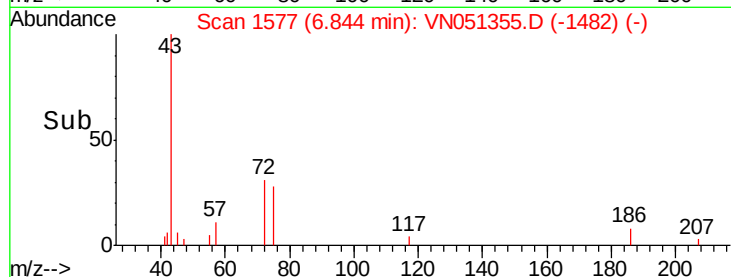
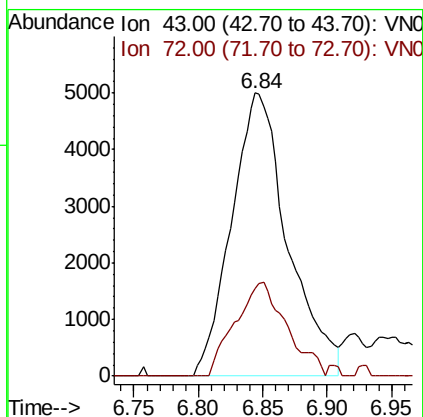
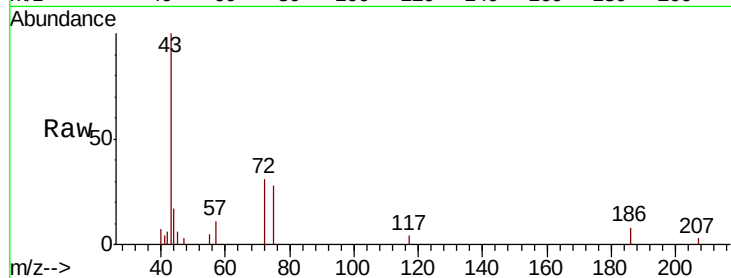




#25
 2-Butanone
 Concen: 6.148 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: VN051355.D
 Acq: 20 Sep 2018 21:47

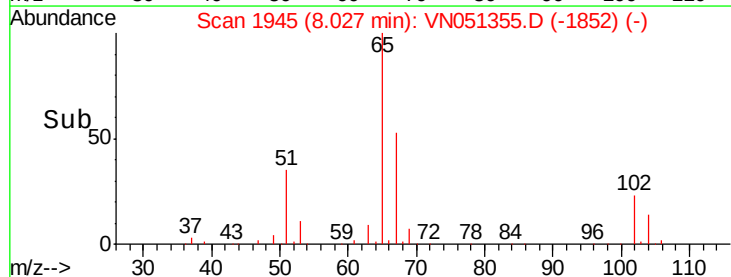
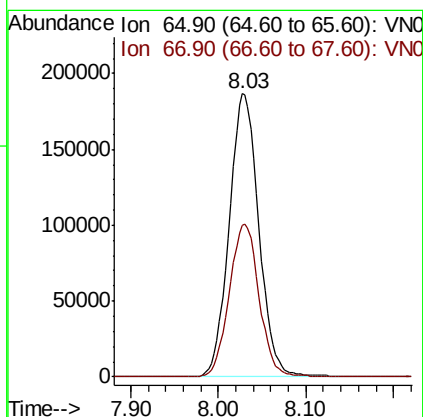
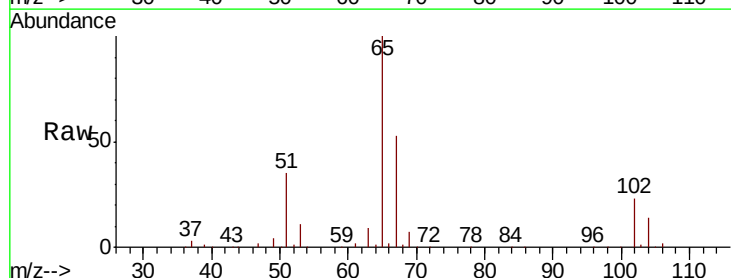
Instrument :
 MSVOA_N
 ClientSampled :
 NS-SLUDGE

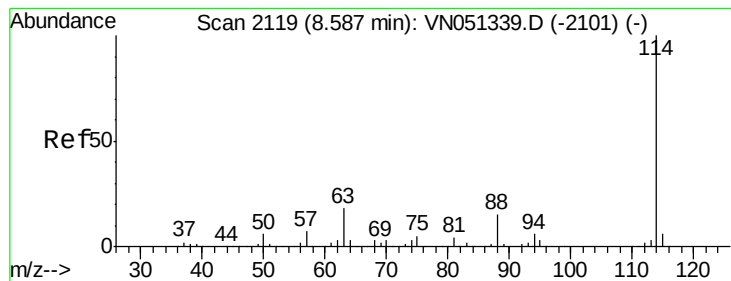
Tot Ion: 43 Resp: 15187
 Ion Ratio Lower Upper
 43 100
 72 30.8 24.7 37.1



#33
 1,2-Dichloroethane-d4
 Concen: 50.691 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051355.D
 Acq: 20 Sep 2018 21:47

Tgt Ion: 65 Resp: 438280
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051355.D

Acq: 20 Sep 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

NS-SLUDGE

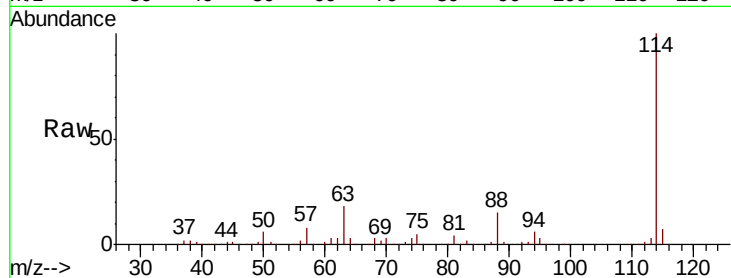
Tot Ion:114 Resp: 1166190

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.6

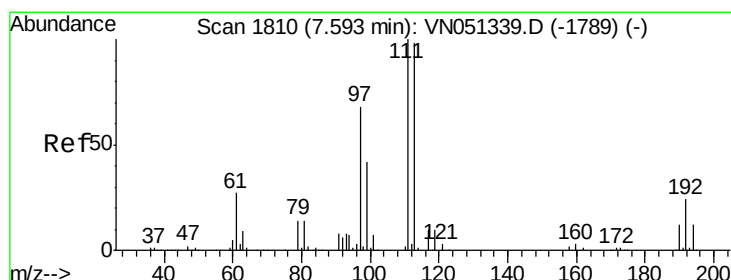
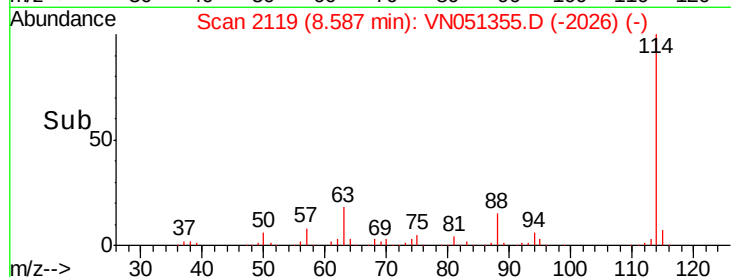
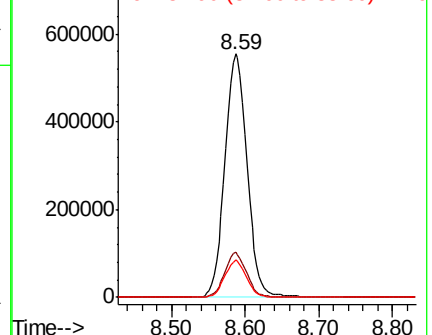
88 15.2 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.174 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051355.D

Acq: 20 Sep 2018 21:47

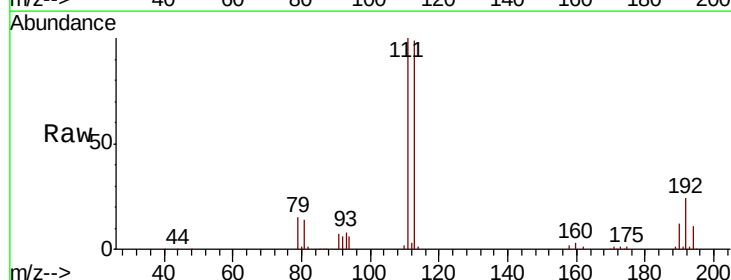
Tgt Ion:113 Resp: 435159

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

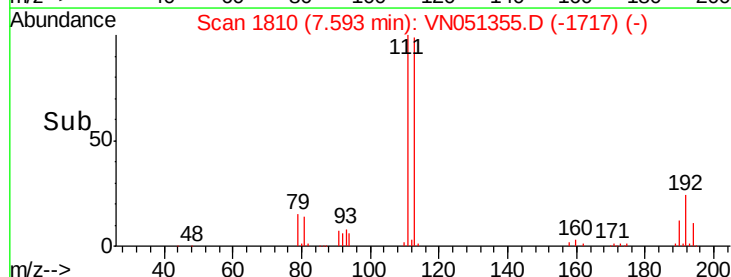
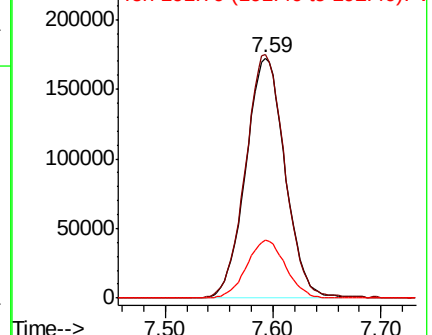
192 24.1 19.8 29.6

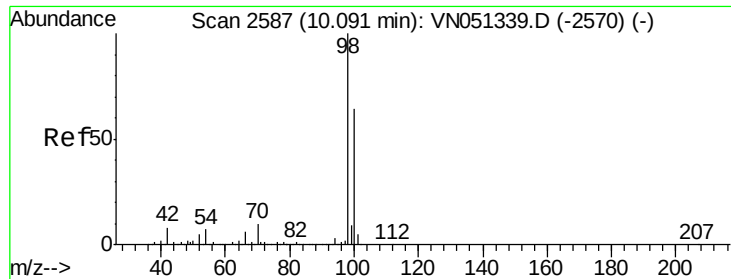


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.049 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051355.D

Acq: 20 Sep 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

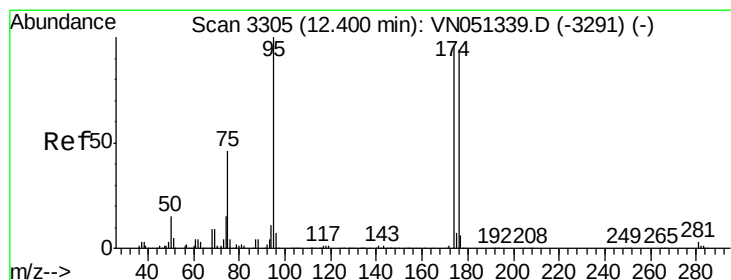
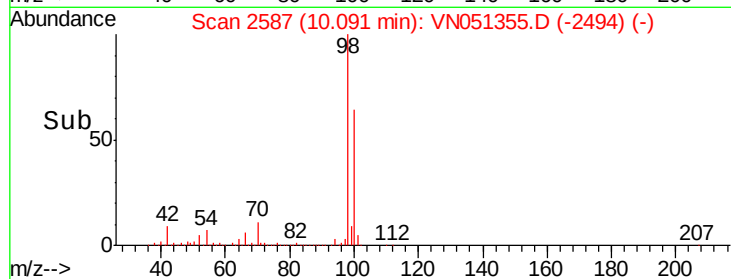
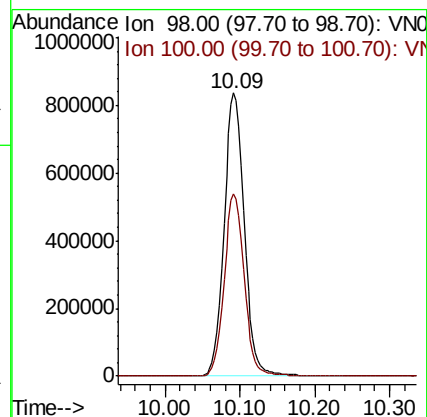
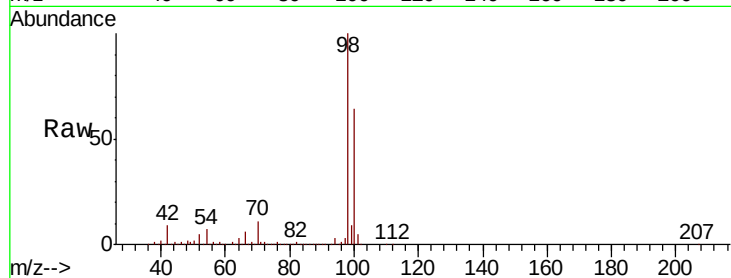
NS-SLUDGE

Tot Ion: 98 Resp: 1559649

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 35.980 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051355.D

Acq: 20 Sep 2018 21:47

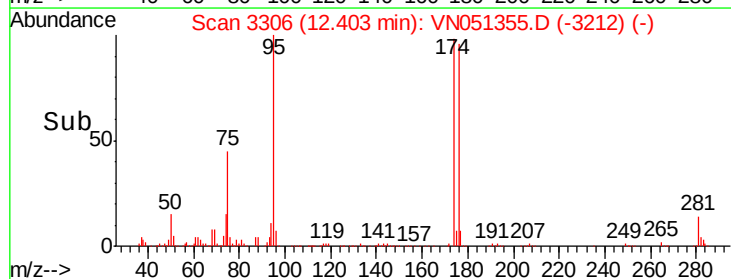
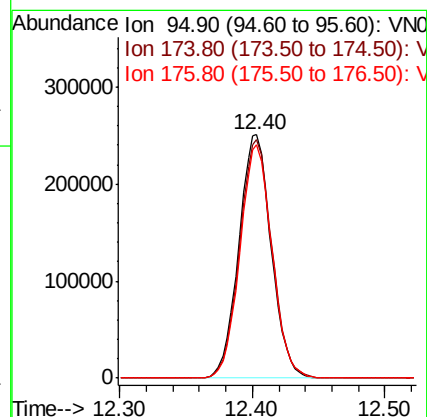
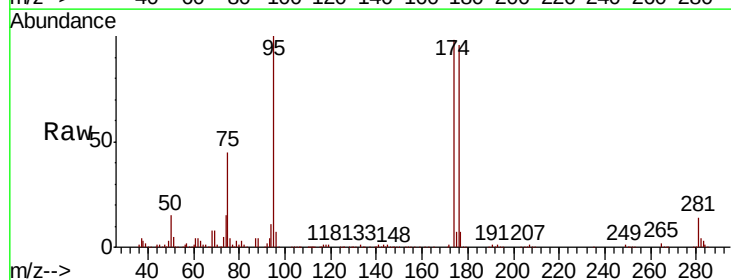
Tgt Ion: 95 Resp: 424088

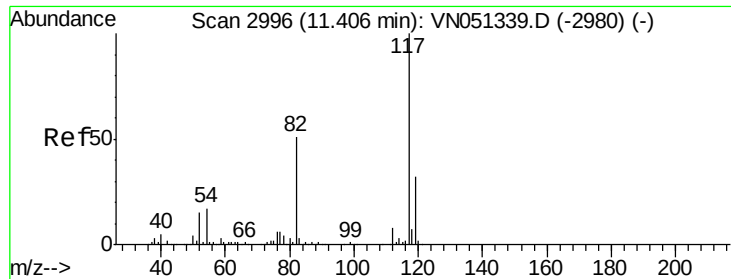
Ion Ratio Lower Upper

95 100

174 98.2 0.0 194.6

176 94.9 0.0 189.6

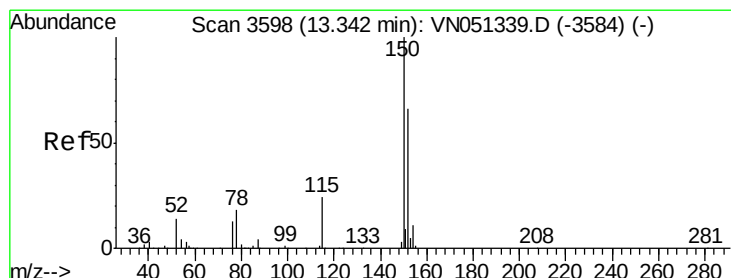
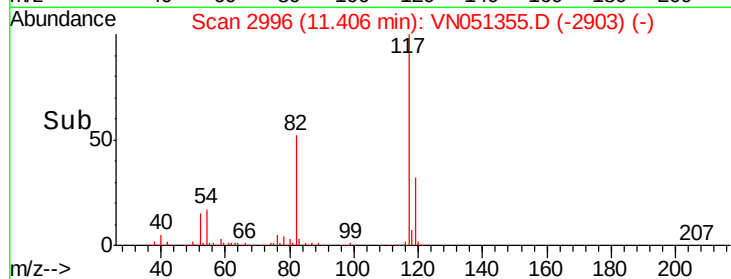
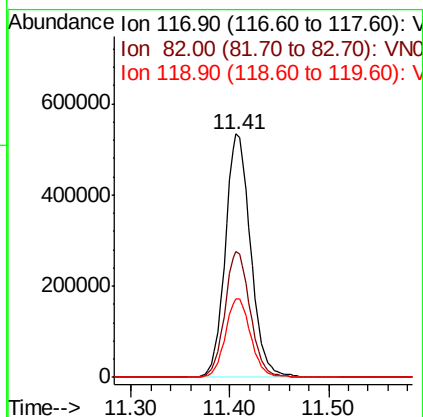
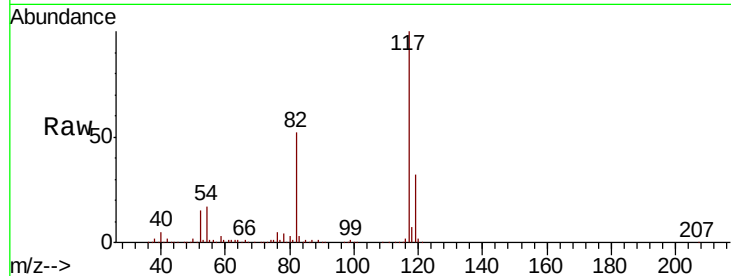




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051355.D
Acq: 20 Sep 2018 21:47

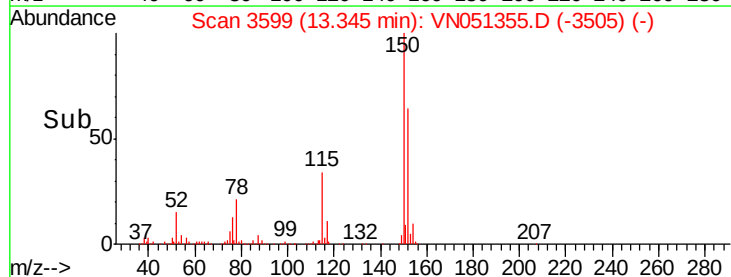
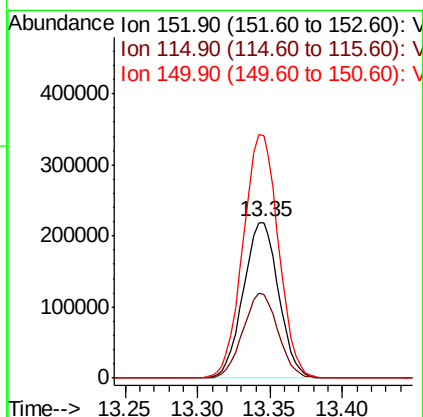
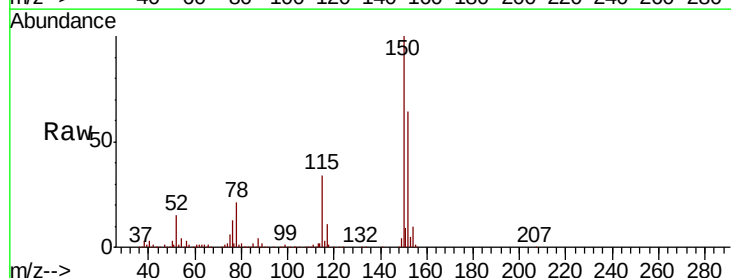
Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

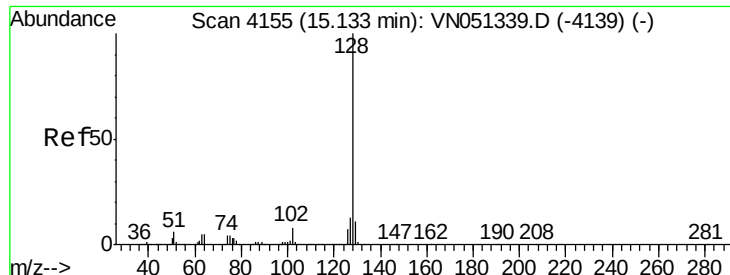
Tot Ion:117 Resp: 954727
Ion Ratio Lower Upper
117 100
82 52.0 40.7 61.1
119 32.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051355.D
Acq: 20 Sep 2018 21:47

Tgt Ion:152 Resp: 371789
Ion Ratio Lower Upper
152 100
115 54.2 26.9 80.7
150 156.6 0.0 345.0





#95

Naphthalene

Concen: 6.021 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051355.D

Acq: 20 Sep 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

NS-SLUDGE

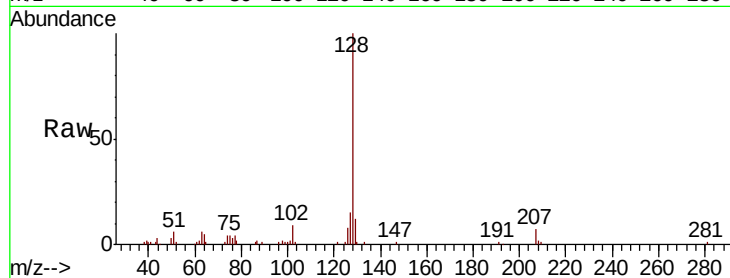
Tot Ion:128 Resp: 59479

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 11.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

