

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 06:48:59 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

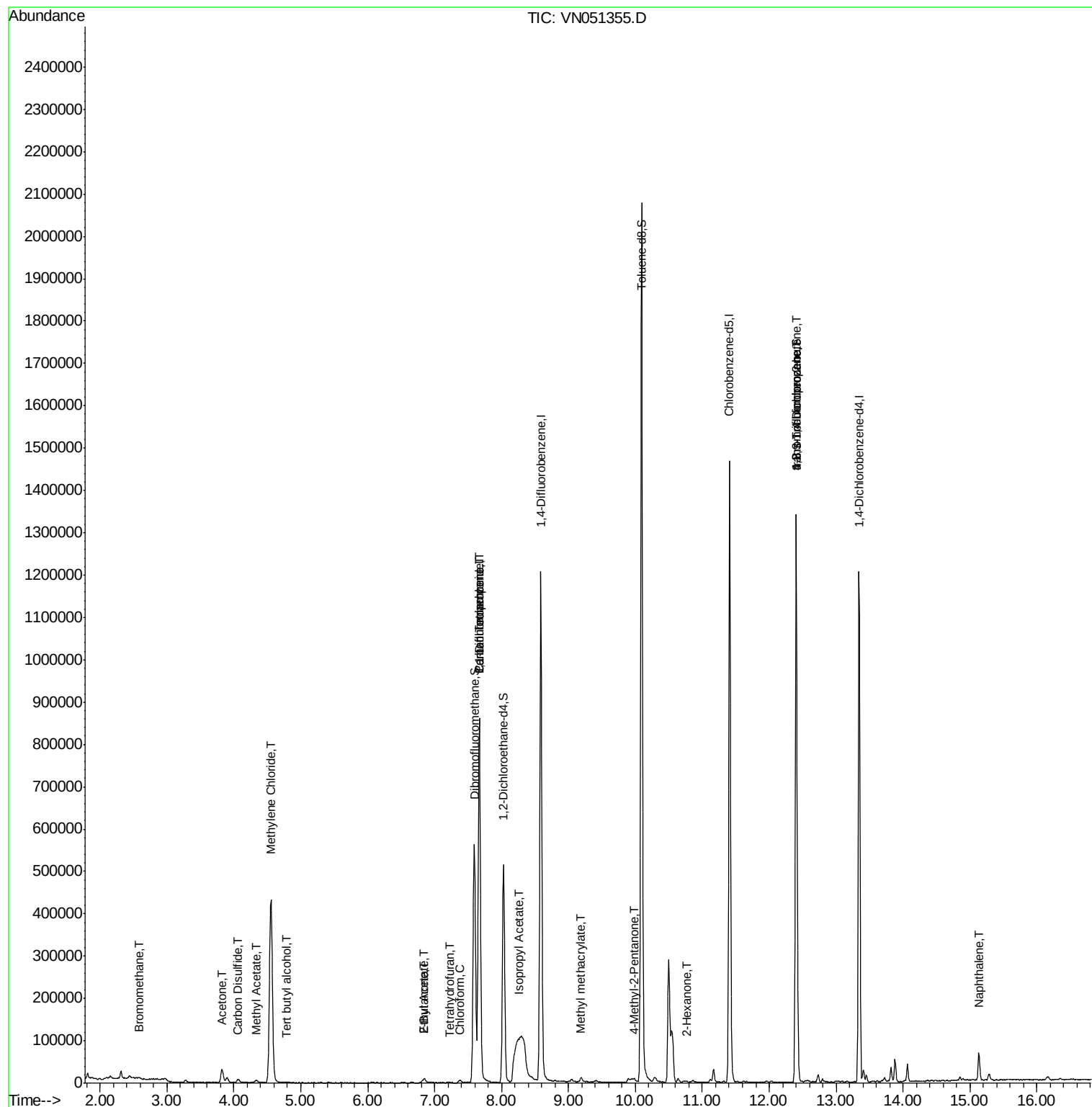
						Qvalue
5) Bromomethane	2.57	94	1460	0.22	ug/l	91
11) Tert butyl alcohol	4.78	59	535	1.17	ug/l #	72
16) Acetone	3.82	43	53058	29.87	ug/l	94
17) Carbon Disulfide	4.05	76	4560	0.20	ug/l	100
18) Methyl Acetate	4.33	43	12122	1.99	ug/l #	87
20) Methylene Chloride	4.55	84	357069	40.18	ug/l	98
25) 2-Butanone	6.84	43	15187	6.15	ug/l	100
29) Tetrahydrofuran	7.22	42	1077	0.69	ug/l #	50
30) Chloroform	7.37	83	5334	0.36	ug/l	93
36) 1,1-Dichloropropene	7.67	75	47226	3.96	ug/l #	49
37) Ethyl Acetate	6.84	43	15187	2.57	ug/l #	65
38) Carbon Tetrachloride	7.67	117	66634	5.16	ug/l #	17
43) Isopropyl Acetate	8.25	43	140766	13.61	ug/l #	57
48) Methyl methacrylate	9.18	41	6342	1.20	ug/l #	18
51) 4-Methyl-2-Pentanone	9.98	43	1586	0.29	ug/l #	41
59) 2-Hexanone	10.76	43	1400	0.37	ug/l	95
76) 1,2,3-Trichloropropane	12.40	75	193677	36.07	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	193677	124.89	ug/l #	14
95) Naphthalene	15.13	128	59479	6.02	ug/l	98

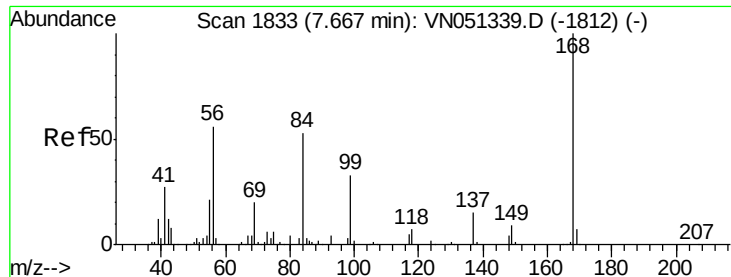
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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 06:48:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 03:27:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 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

ClientSampled :

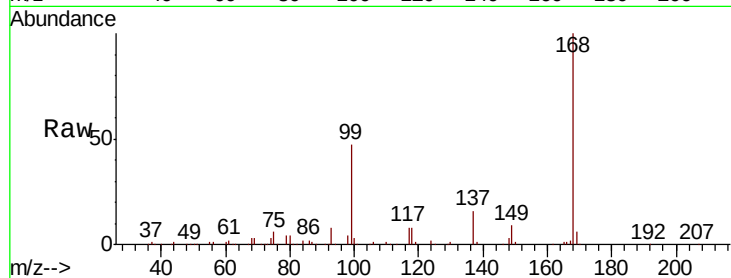
NS-SLUDGE

Tot Ion:168 Resp: 797725

Ion Ratio Lower Upper

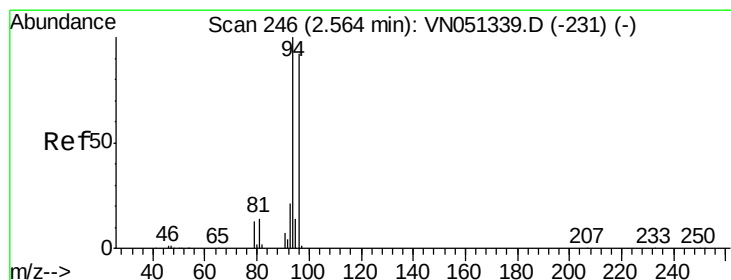
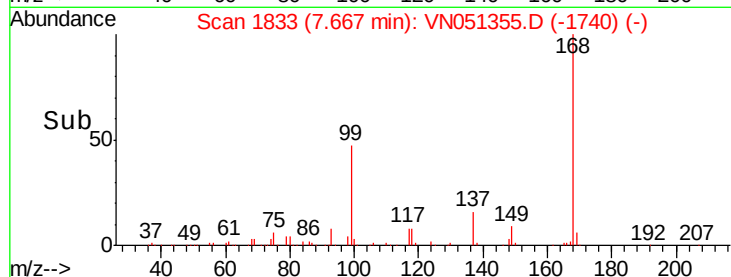
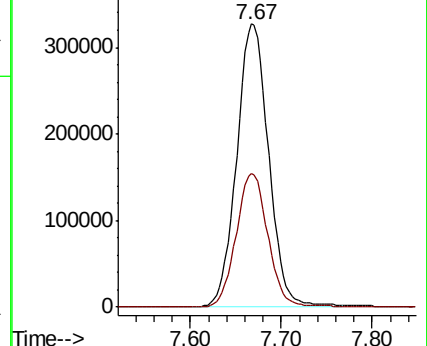
168 100

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): VNO



#5

Bromomethane

Concen: 0.22 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051355.D

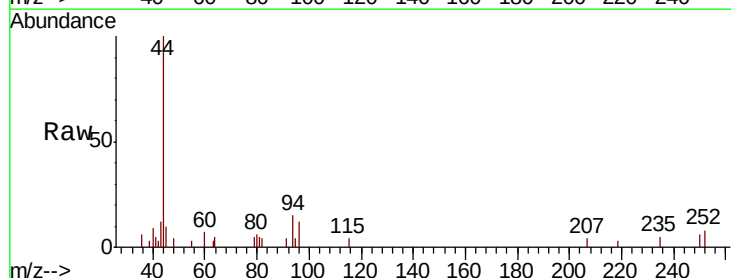
Acq: 20 Sep 2018 21:47

Tgt Ion: 94 Resp: 1460

Ion Ratio Lower Upper

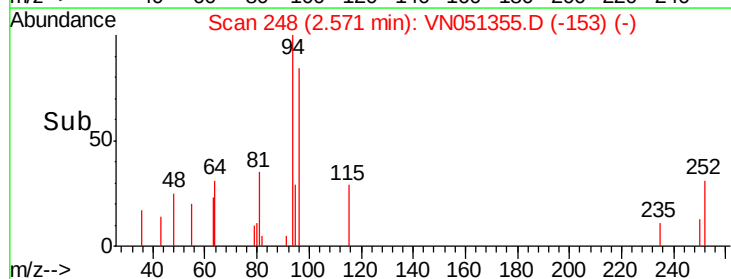
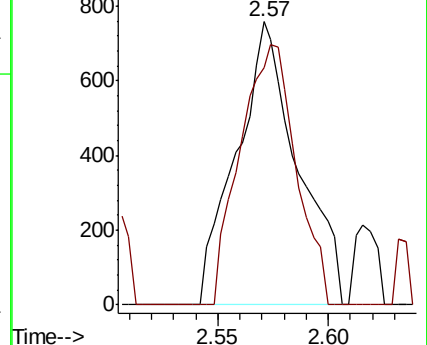
94 100

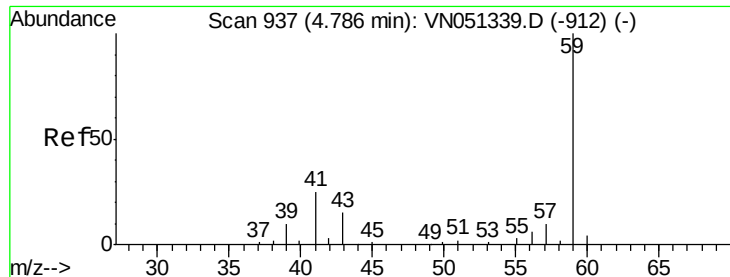
96 84.0 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

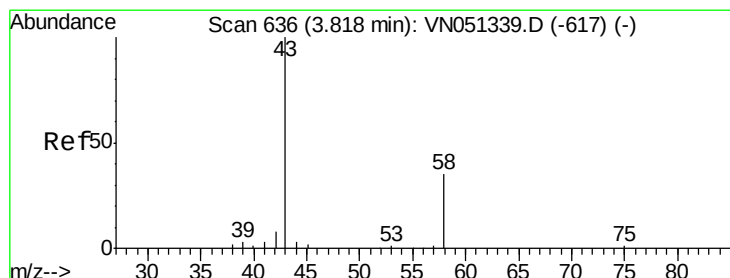
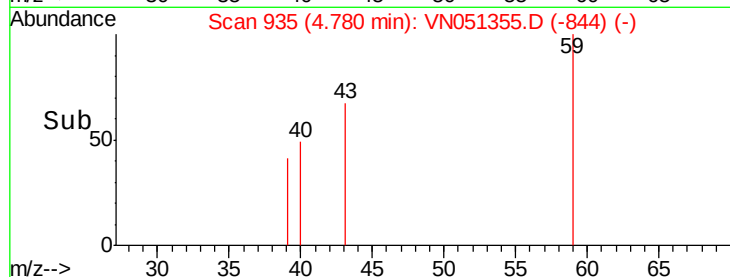
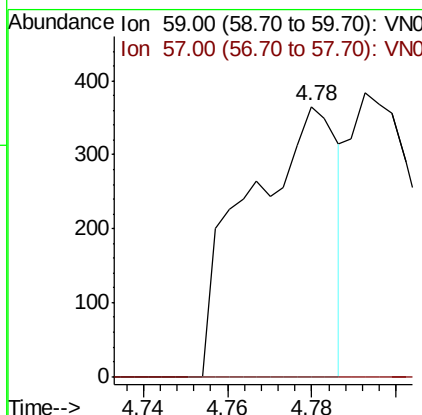
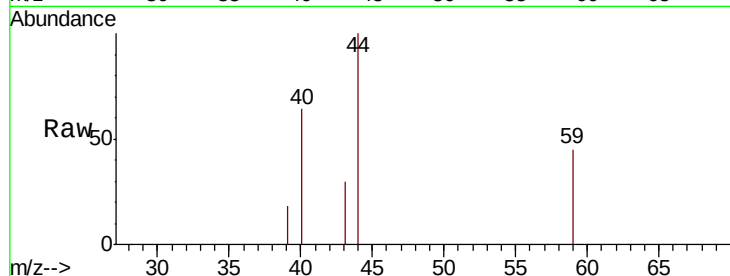




#11
Tert butyl alcohol
Concen: 1.17 ug/l
RT: 4.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: VN051355.D
Acq: 20 Sep 2018 21:47

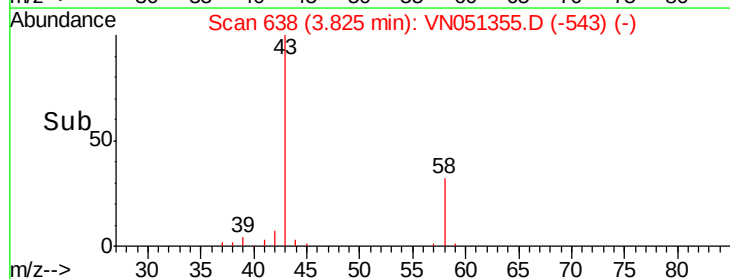
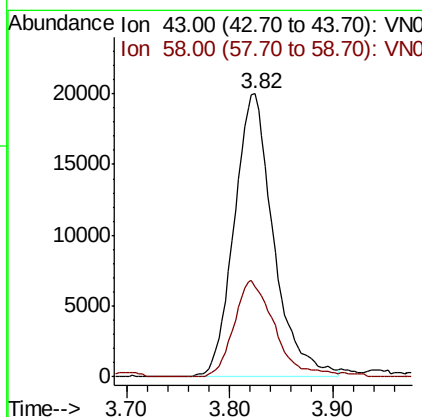
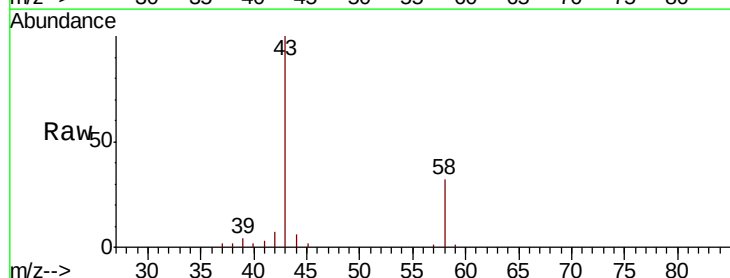
Instrument :
MSVOA_N
ClientSampled :
NS-SLUDGE

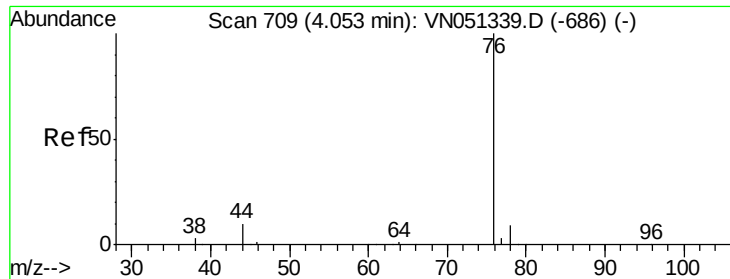
Tot Ion: 59 Resp: 535
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 29.87 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





#17

Carbon Disulfide

Concen: 0.20 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051355.D

Acq: 20 Sep 2018 21:47

Instrument :

MSVOA_N

ClientSampled :

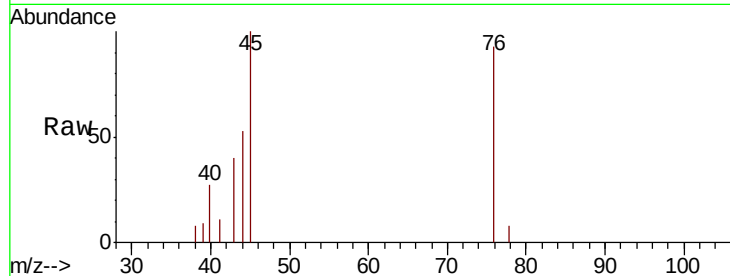
NS-SLUDGE

Tot Ion: 76 Resp: 4560

Ion Ratio Lower Upper

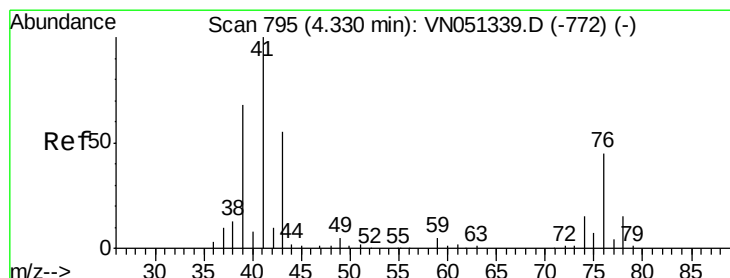
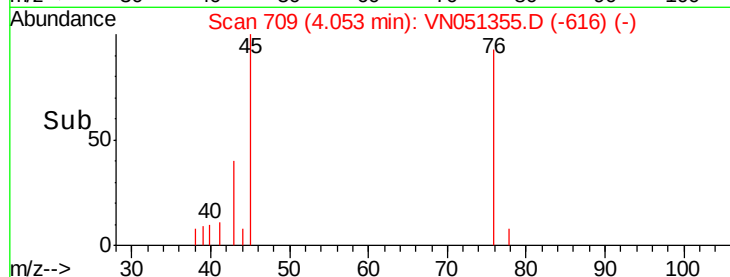
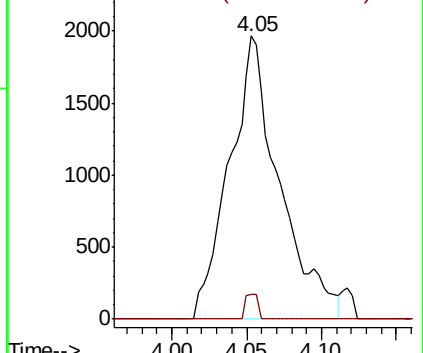
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.99 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN051355.D

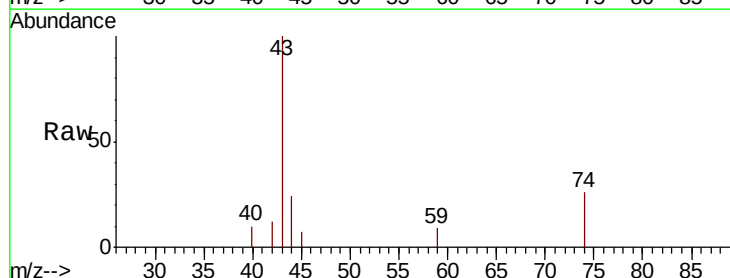
Acq: 20 Sep 2018 21:47

Tgt Ion: 43 Resp: 12122

Ion Ratio Lower Upper

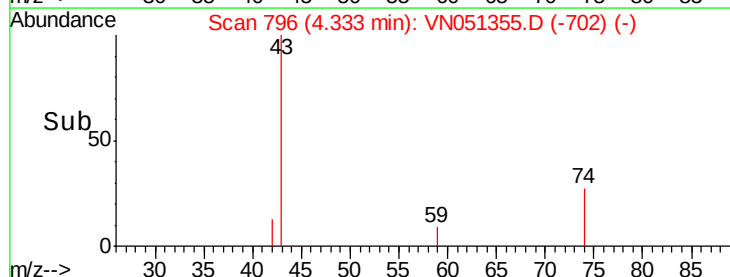
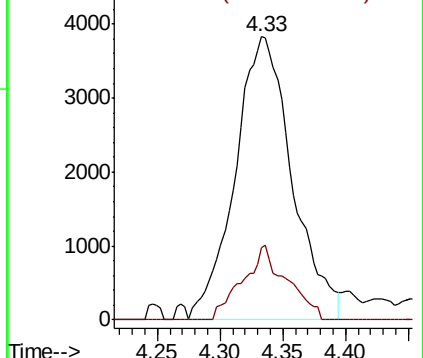
43 100

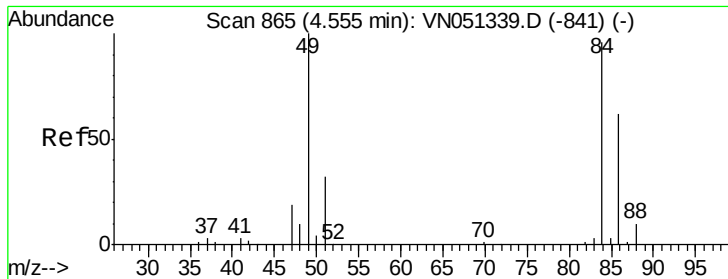
74 20.3 21.7 32.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

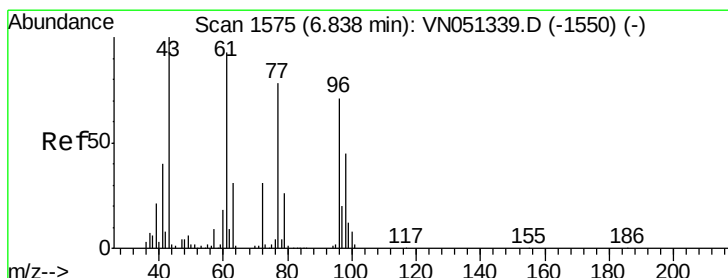
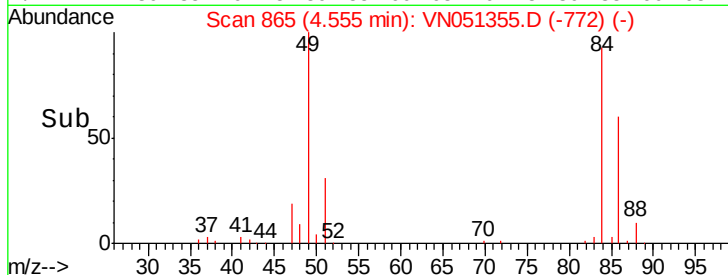
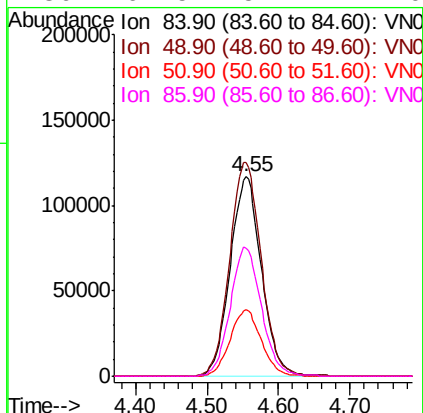
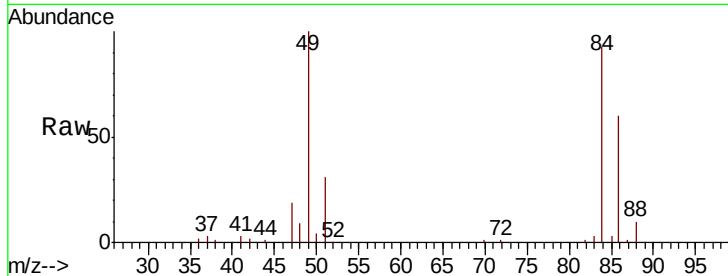




#20
Methvlene Chloride
Concen: 40.18 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051355.D
Acq: 20 Sep 2018 21:47

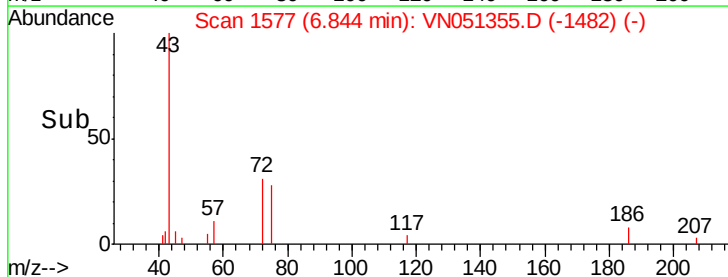
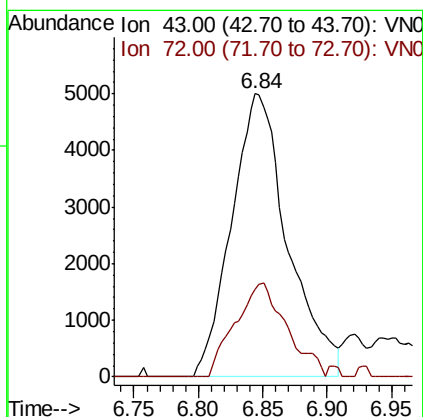
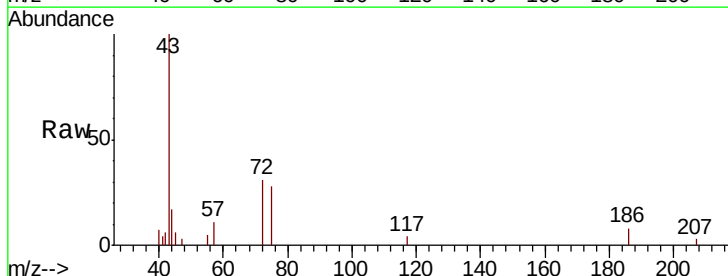
Instrument :
MSVOA_N
ClientSampled :
NS-SLUDGE

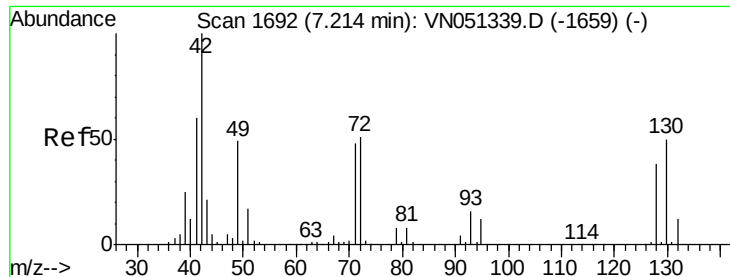
Tot Ion: 84 Resp: 357069
Ion Ratio Lower Upper
84 100
49 107.3 83.2 124.8
51 33.2 26.4 39.6
86 64.5 51.4 77.0



#25
2-Butanone
Concen: 6.15 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN051355.D
Acq: 20 Sep 2018 21:47

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





#29

Tetrahydrofuran

Concen: 0.69 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN051355.D

Acq: 20 Sep 2018 21:47

Instrument :

MSVOA_N

ClientSampled :

NS-SLUDGE

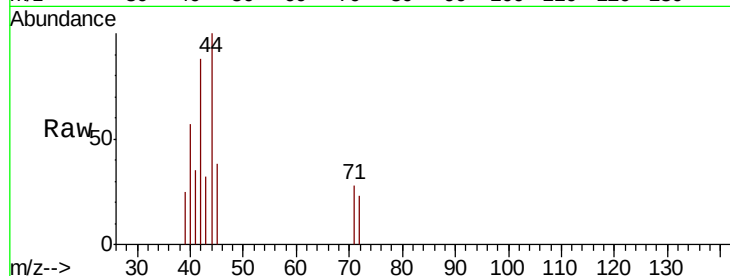
Tot Ion: 42 Resp: 1077

Ion Ratio Lower Upper

42 100

72 8.7 39.0 58.4#

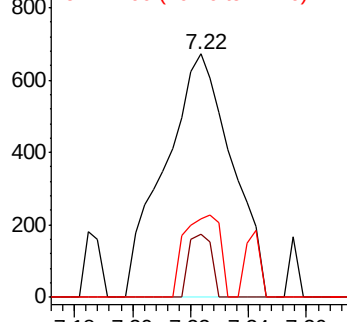
71 18.3 36.5 54.7#



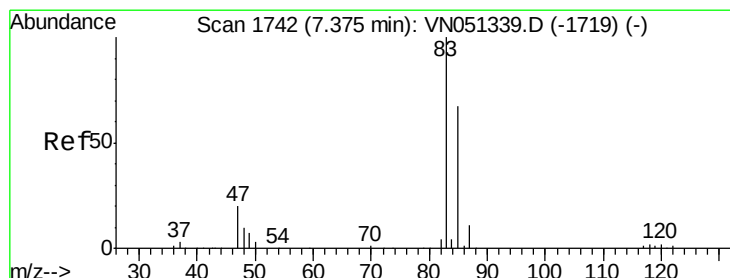
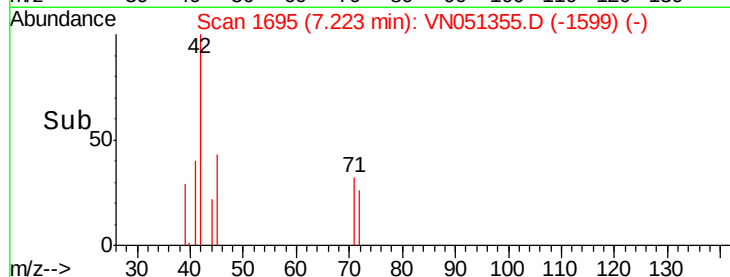
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time-->



#30

Chloroform

Concen: 0.36 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051355.D

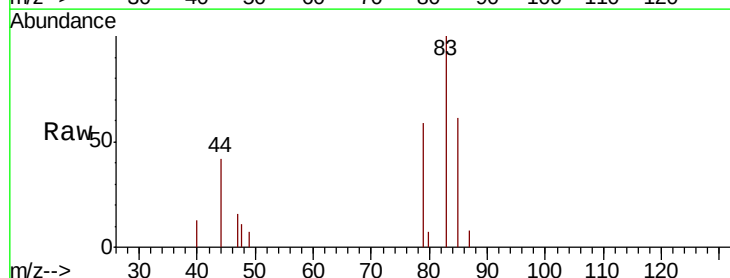
Acq: 20 Sep 2018 21:47

Tgt Ion: 83 Resp: 5334

Ion Ratio Lower Upper

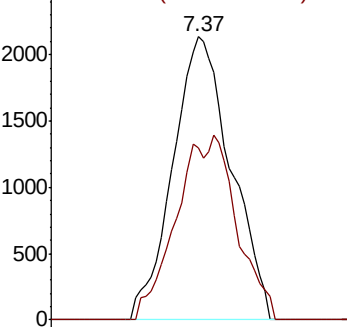
83 100

85 60.8 53.2 79.8

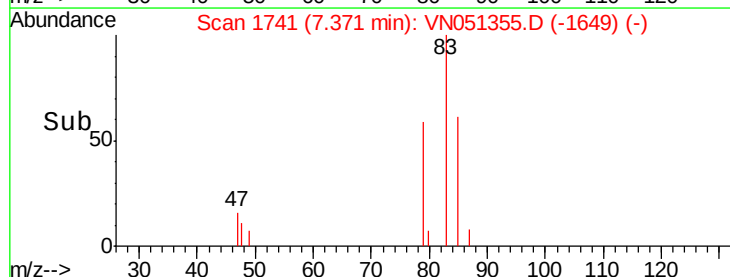


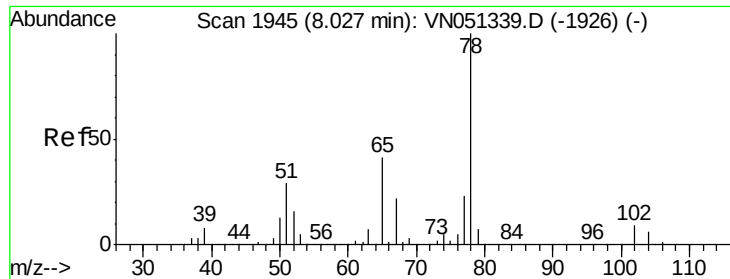
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->

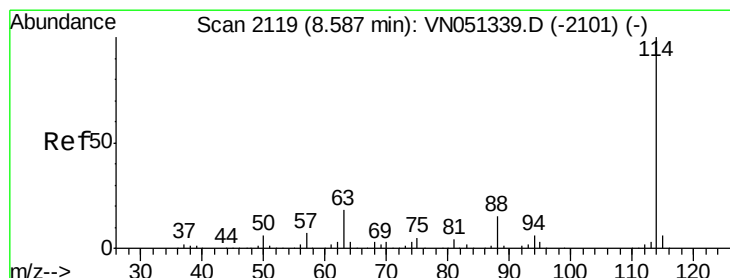
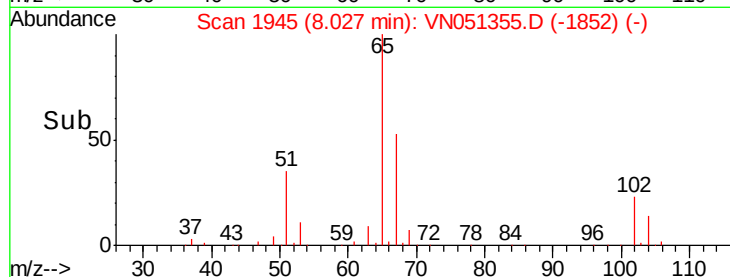
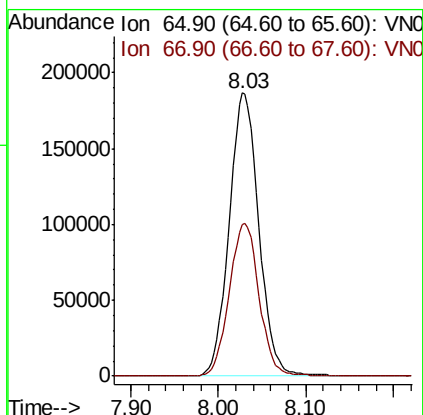
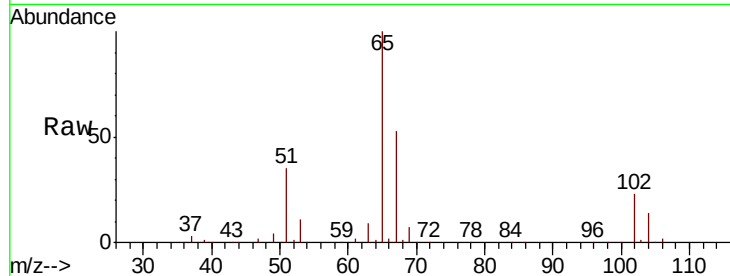




#33
 1,2-Dichloroethane-d4
 Concen: 50.69 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051355.D
 Acq: 20 Sep 2018 21:47

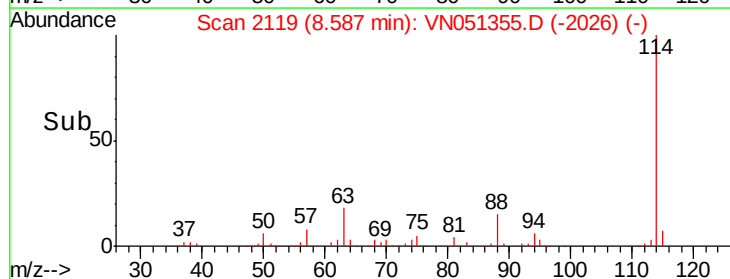
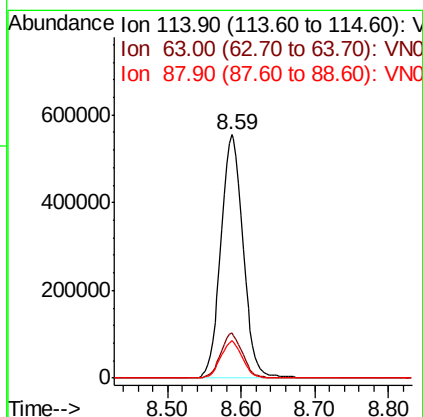
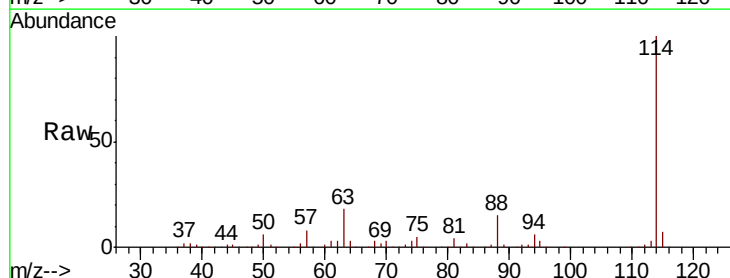
Instrument :
 MSVOA_N
 ClientSampleId :
 NS-SLUDGE

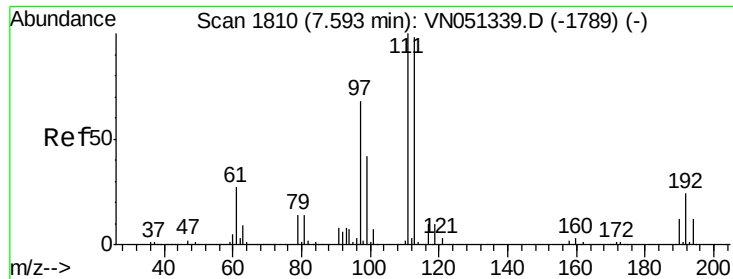
Tot Ion: 65 Resp: 438280
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051355.D
 Acq: 20 Sep 2018 21:47

Tgt Ion: 114 Resp: 1166190
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.6
 88 15.2 0.0 29.8

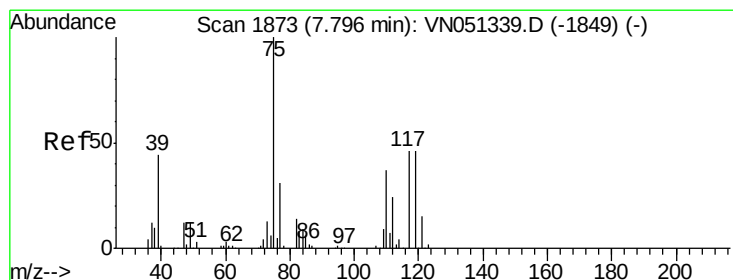
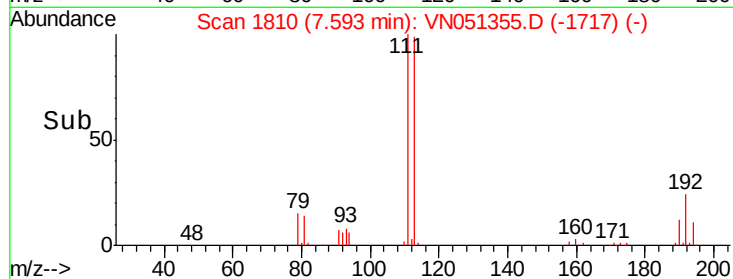
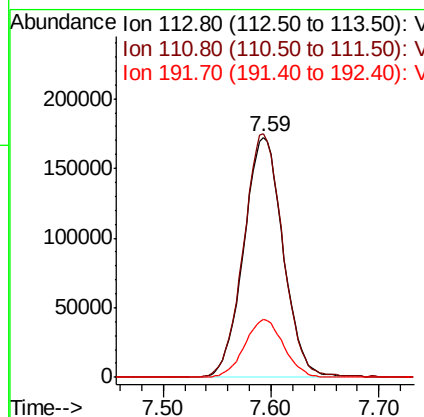
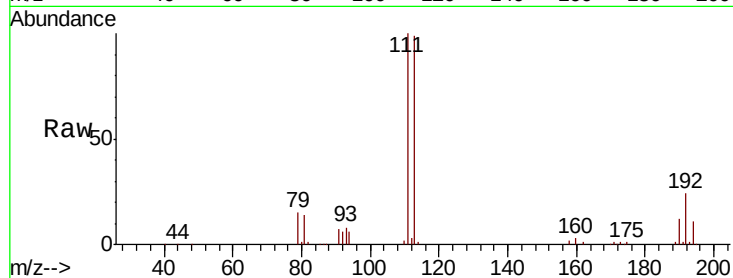




#35
 Dibromofluoromethane
 Concen: 46.17 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051355.D
 Acq: 20 Sep 2018 21:47

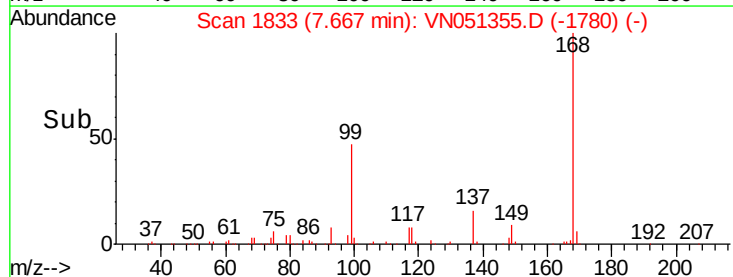
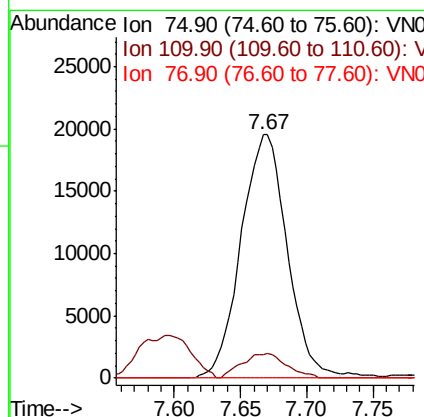
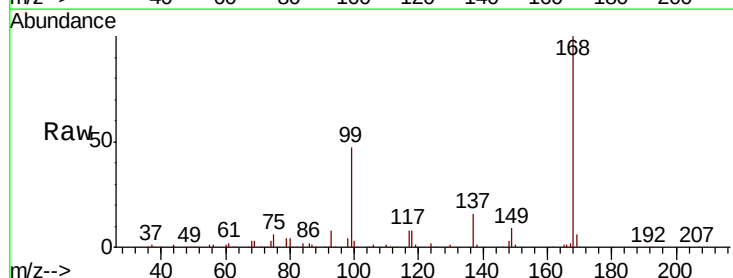
Instrument :
 MSVOA_N
 ClientSampleId :
 NS-SLUDGE

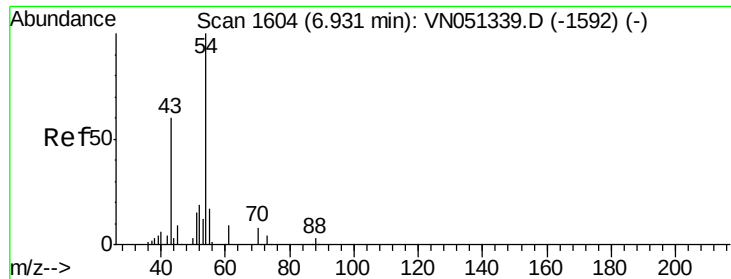
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	24.1	19.8	29.6



#36
 1,1-Dichloropropene
 Concen: 3.96 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051355.D
 Acq: 20 Sep 2018 21:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.9	56.5#
77	0.0	25.4	38.2#

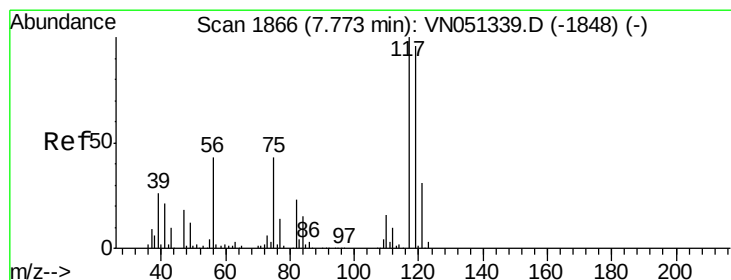
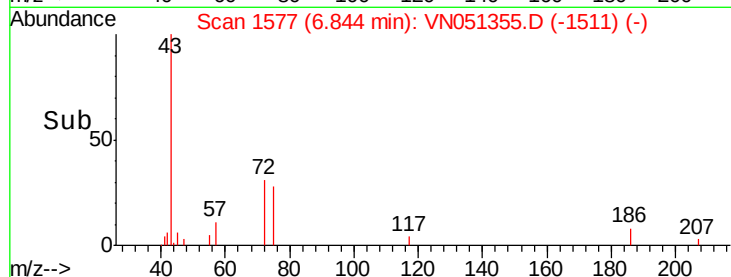
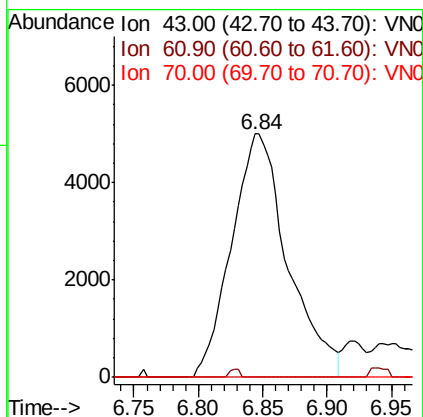
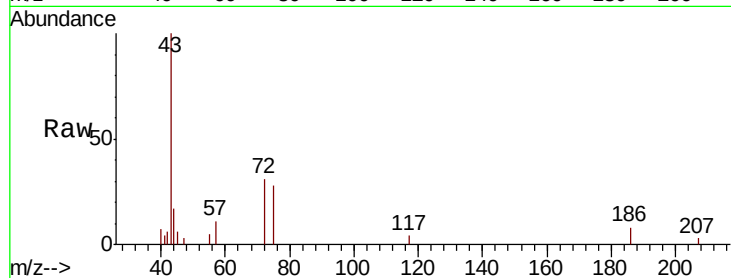




#37
Ethyl Acetate
Concen: 2.57 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.09 min
Lab File: VN051355.D
Acq: 20 Sep 2018 21:47

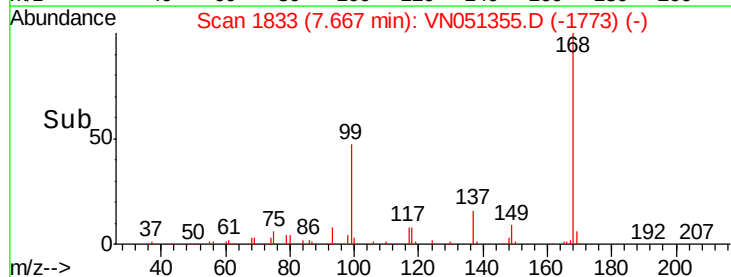
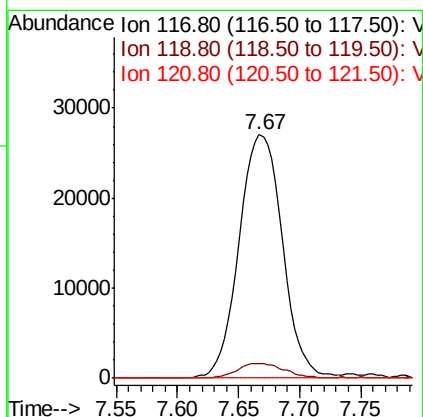
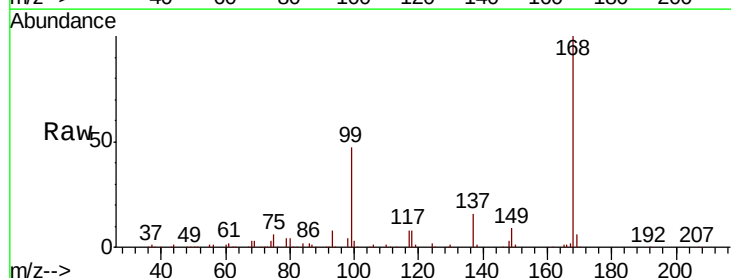
Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

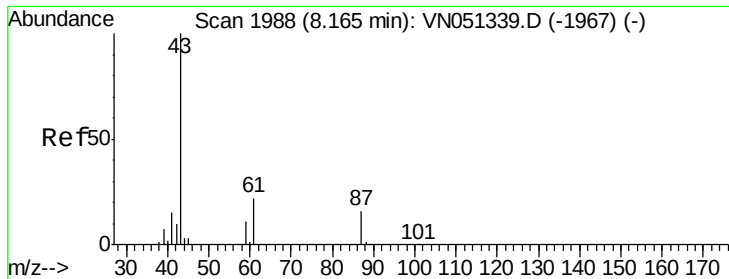
Tot Ion: 43 Resp: 15187
Ion Ratio Lower Upper
43 100
61 0.6 13.6 20.4#
70 0.0 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 5.16 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051355.D
Acq: 20 Sep 2018 21:47

Tgt Ion: 117 Resp: 66634
Ion Ratio Lower Upper
117 100
119 6.1 77.0 115.4#
121 0.0 25.0 37.4#



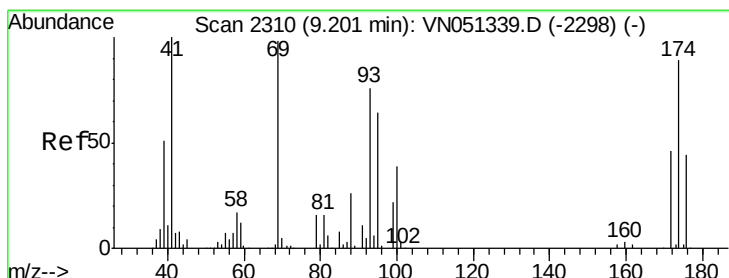
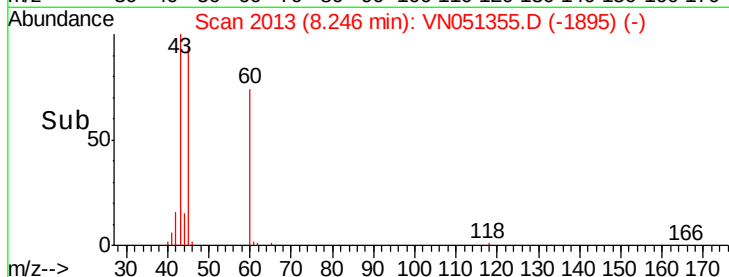
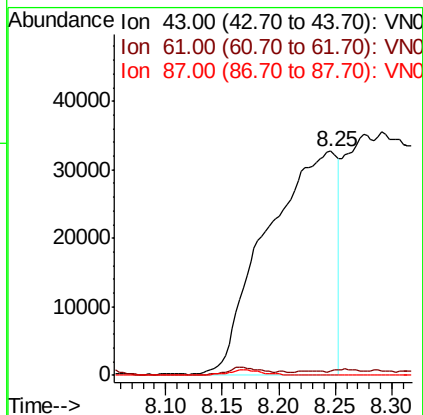
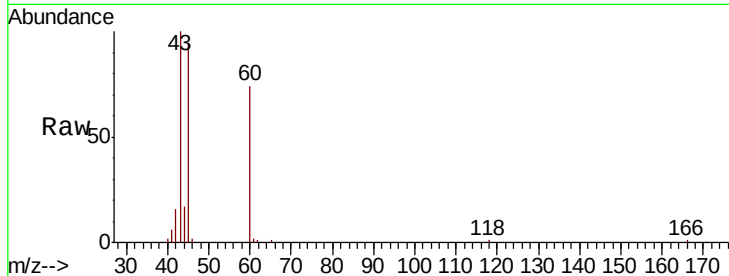


#43

Isopropyl Acetate
 Concen: 13.61 ug/l
 RT: 8.25 min Scan# 2013
 Delta R.T. 0.08 min
 Lab File: VN051355.D
 Acq: 20 Sep 2018 21:47

Instrument :
 MSVOA_N
 ClientSampleId :
 NS-SLUDGE

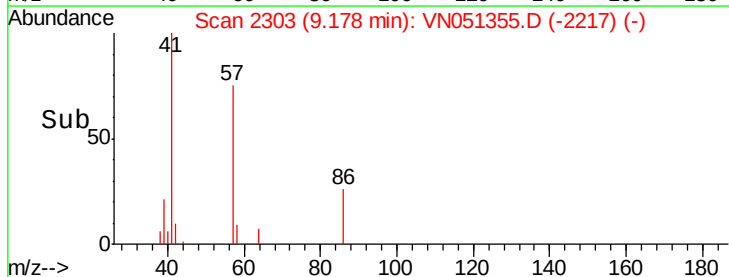
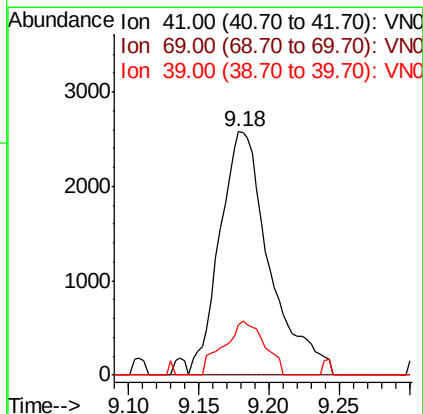
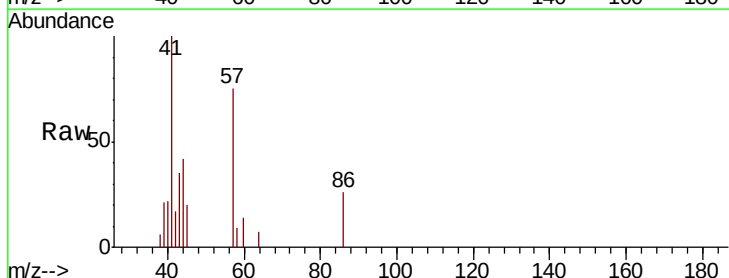
Tot Ion: 43 Resp: 140766
 Ion Ratio Lower Upper
 43 100
 61 0.4 18.1 27.1#
 87 0.0 12.8 19.2#

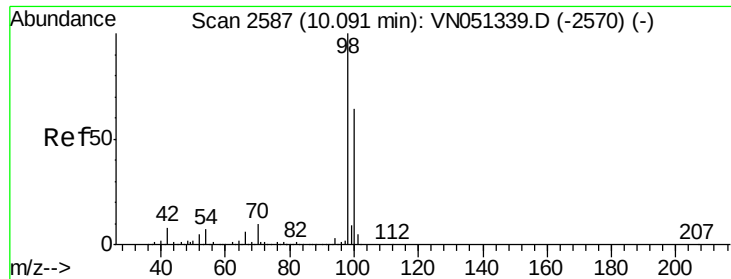


#48

Methyl methacrylate
 Concen: 1.20 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN051355.D
 Acq: 20 Sep 2018 21:47

Tgt Ion: 41 Resp: 6342
 Ion Ratio Lower Upper
 41 100
 69 0.0 79.4 119.0#
 39 18.4 43.0 64.6#





#50

Toluene-d8

Concen: 43.05 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

ClientSampled :

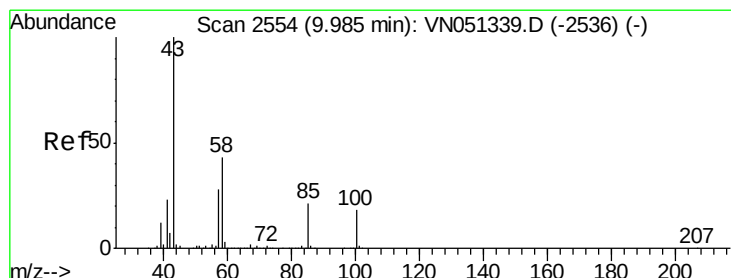
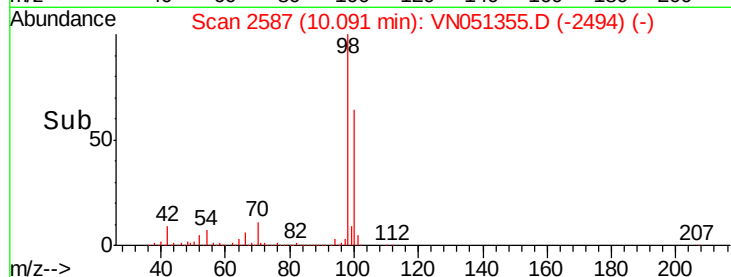
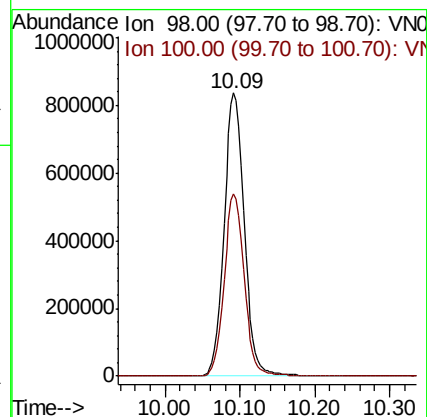
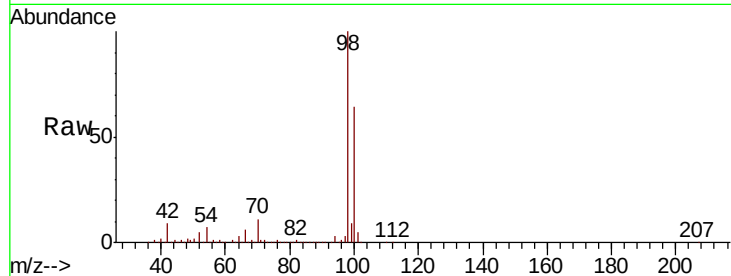
NS-SLUDGE

Tot Ion: 98 Resp: 1559649

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 0.29 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN051355.D

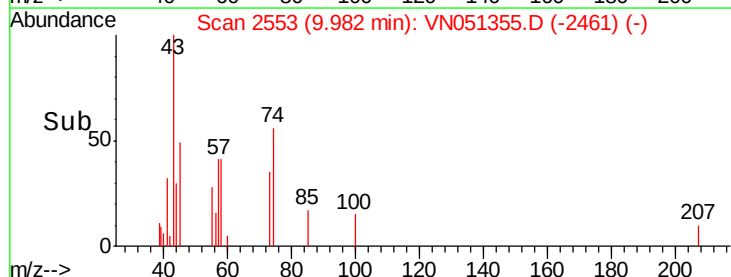
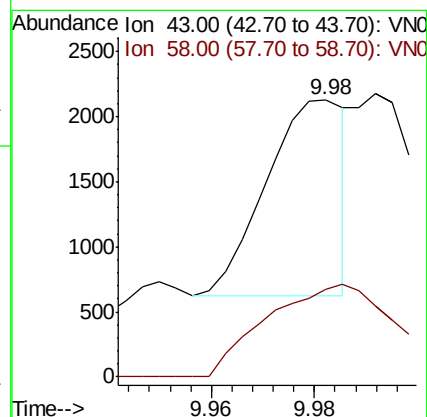
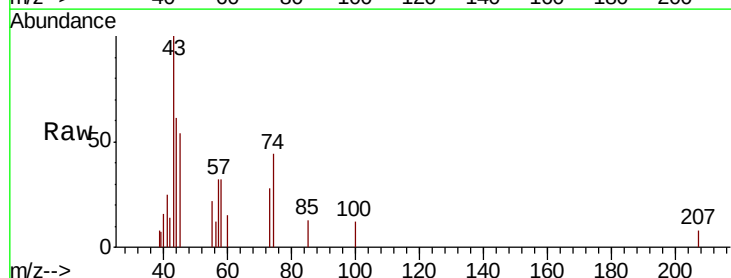
Acq: 20 Sep 2018 21:47

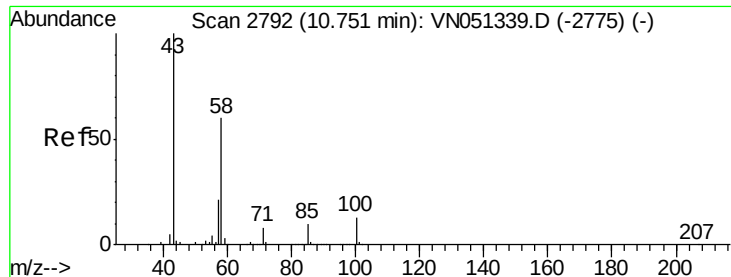
Tgt Ion: 43 Resp: 1586

Ion Ratio Lower Upper

43 100

58 80.2 34.2 51.4#

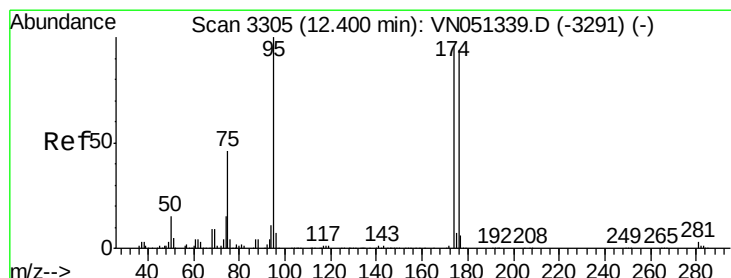
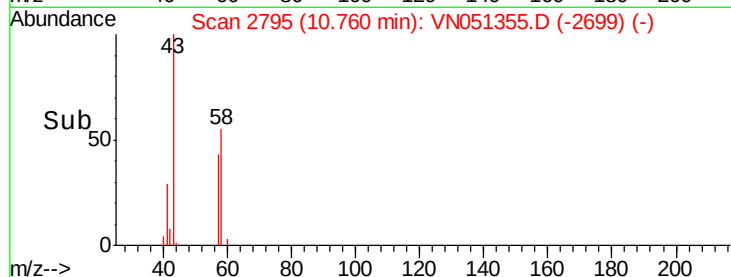
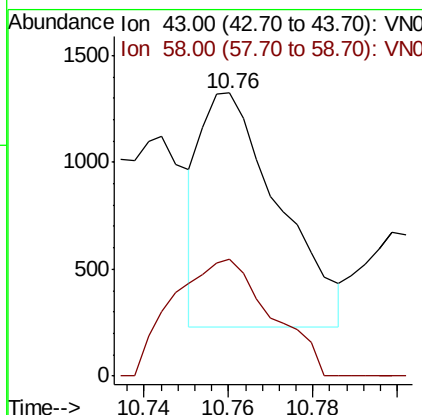
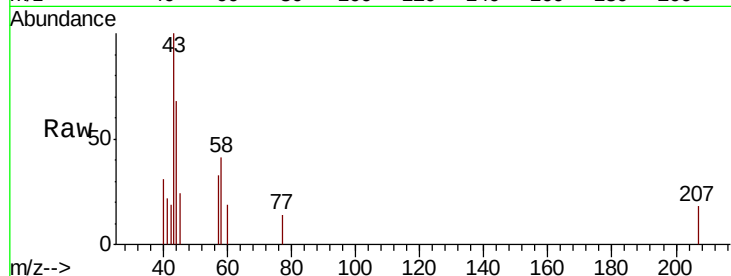




#59
2-Hexanone
Concen: 0.37 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN051355.D
Acq: 20 Sep 2018 21:47

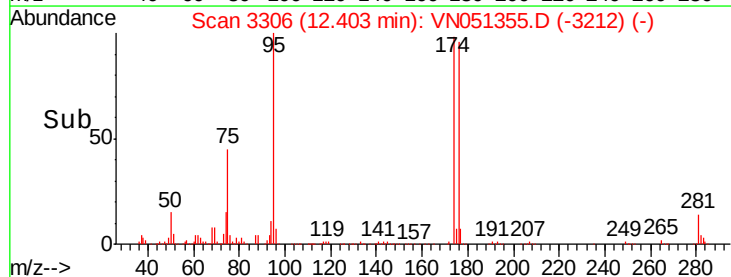
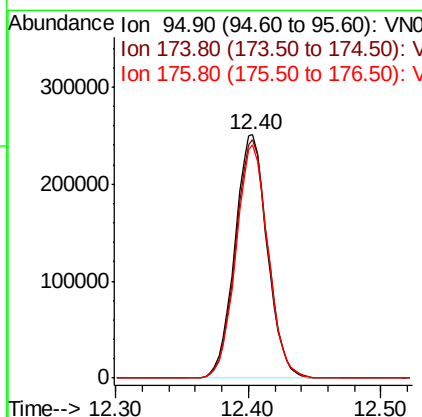
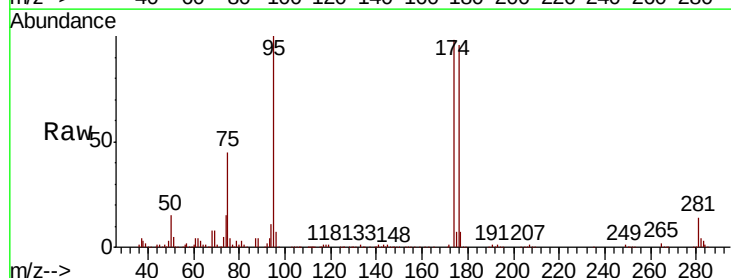
Instrument :
MSVOA_N
ClientSampled :
NS-SLUDGE

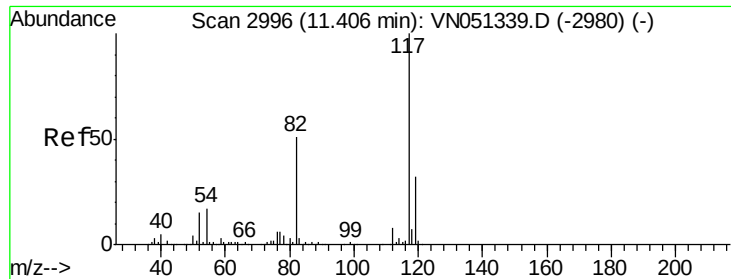
Tot Ion: 43 Resp: 1400
Ion Ratio Lower Upper
43 100
58 63.4 29.9 89.8



#62
4-Bromofluorobenzene
Concen: 35.98 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

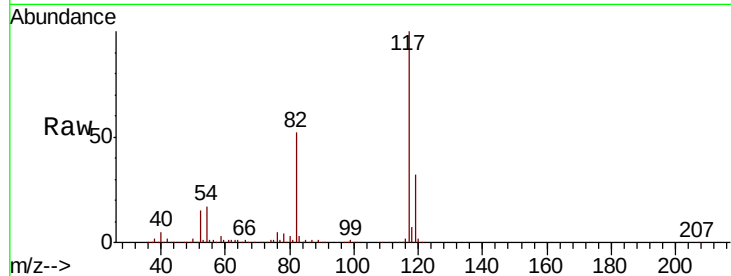




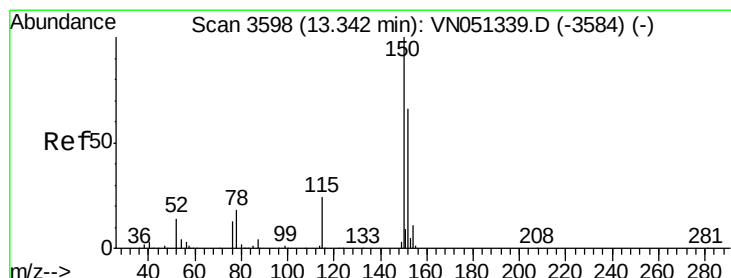
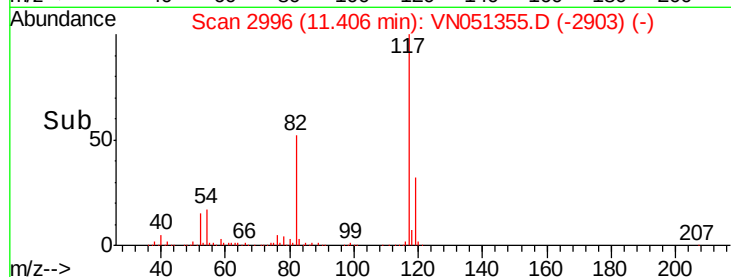
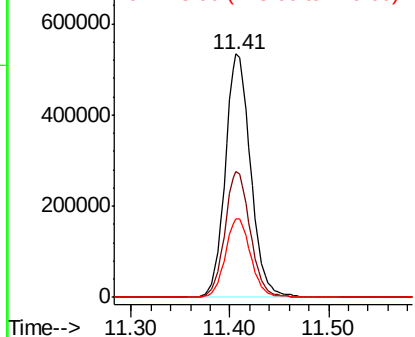
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051355.D
Acq: 20 Sep 2018 21:47

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

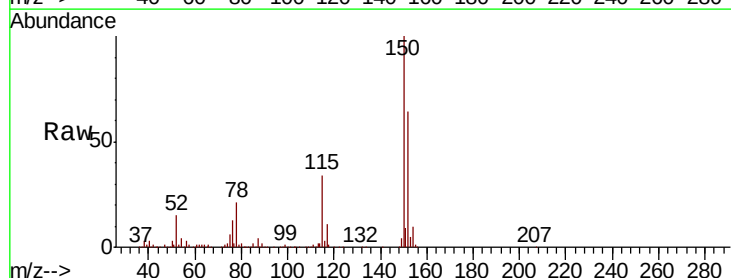


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

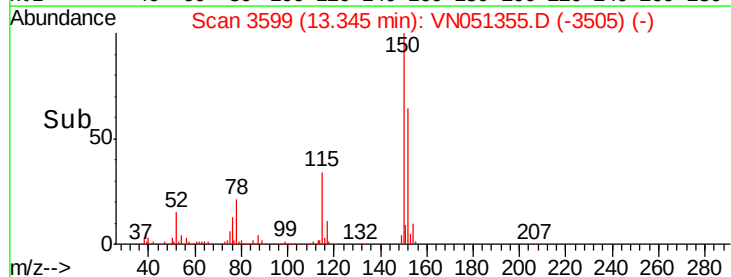
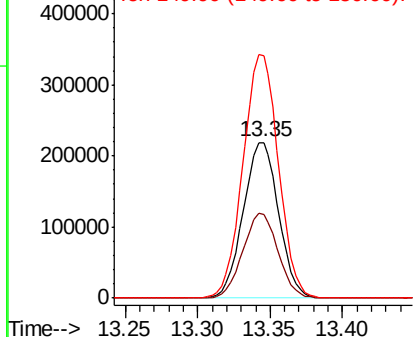


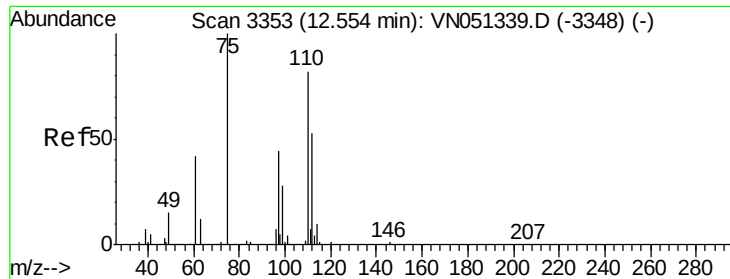
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051355.D
Acq: 20 Sep 2018 21:47

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



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





#76

1,2,3-Trichloropropane

Concen: 36.07 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051355.D

Acq: 20 Sep 2018 21:47

Instrument :

MSVOA_N

ClientSampled :

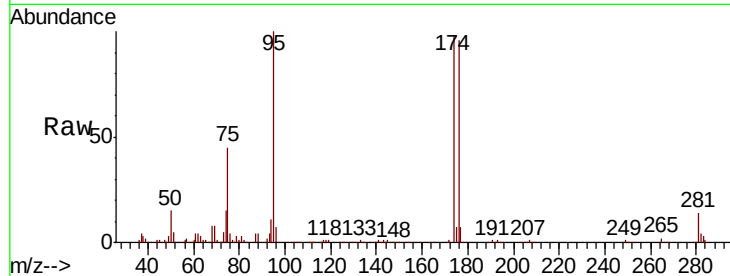
NS-SLUDGE

Tot Ion: 75 Resp: 193677

Ion Ratio Lower Upper

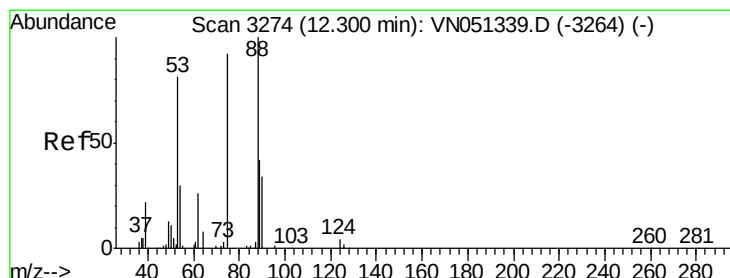
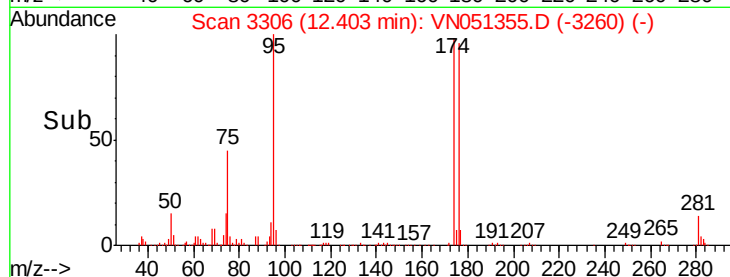
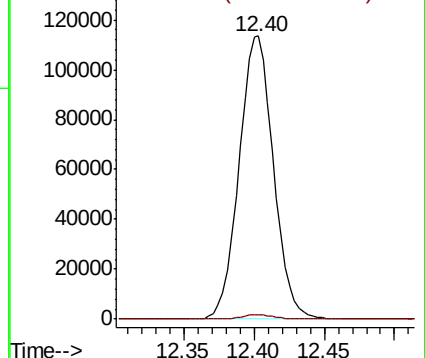
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 124.89 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051355.D

Acq: 20 Sep 2018 21:47

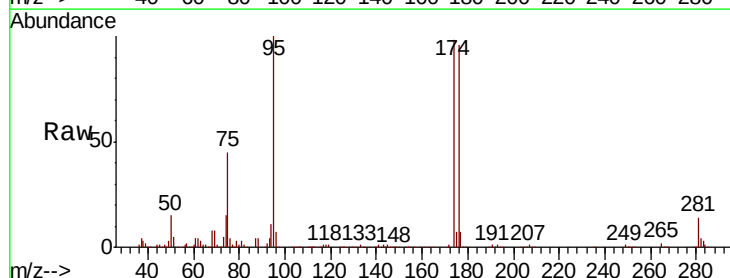
Tgt Ion: 75 Resp: 193677

Ion Ratio Lower Upper

75 100

53 0.1 69.9 104.9#

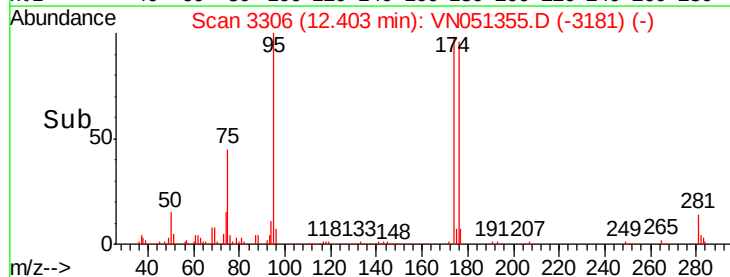
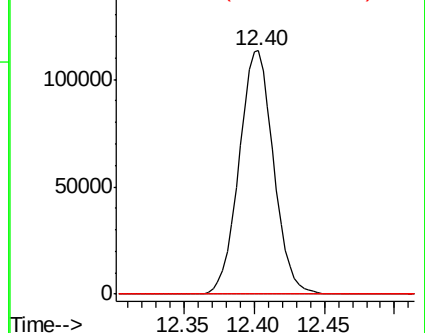
89 0.0 37.9 56.9#

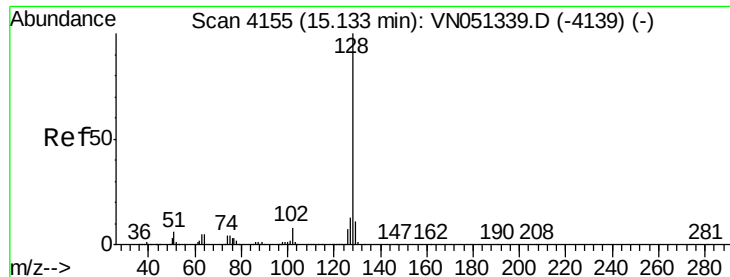


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: 6.02 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

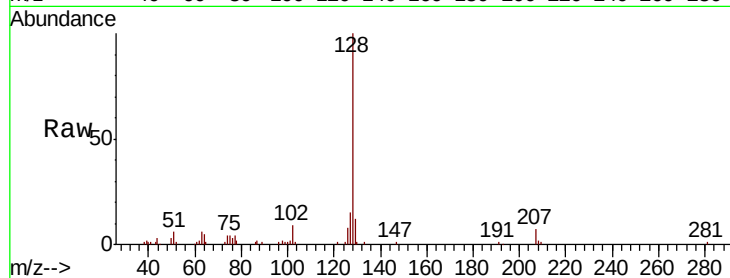
Tot Ion:128 Resp: 59479

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

