

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050995.D
 Acq On : 31 Aug 2018 18:07
 Operator : MD\SY
 Sample : J4726-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KG-SLUDGE-2

Quant Time: Sep 01 01:38:06 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

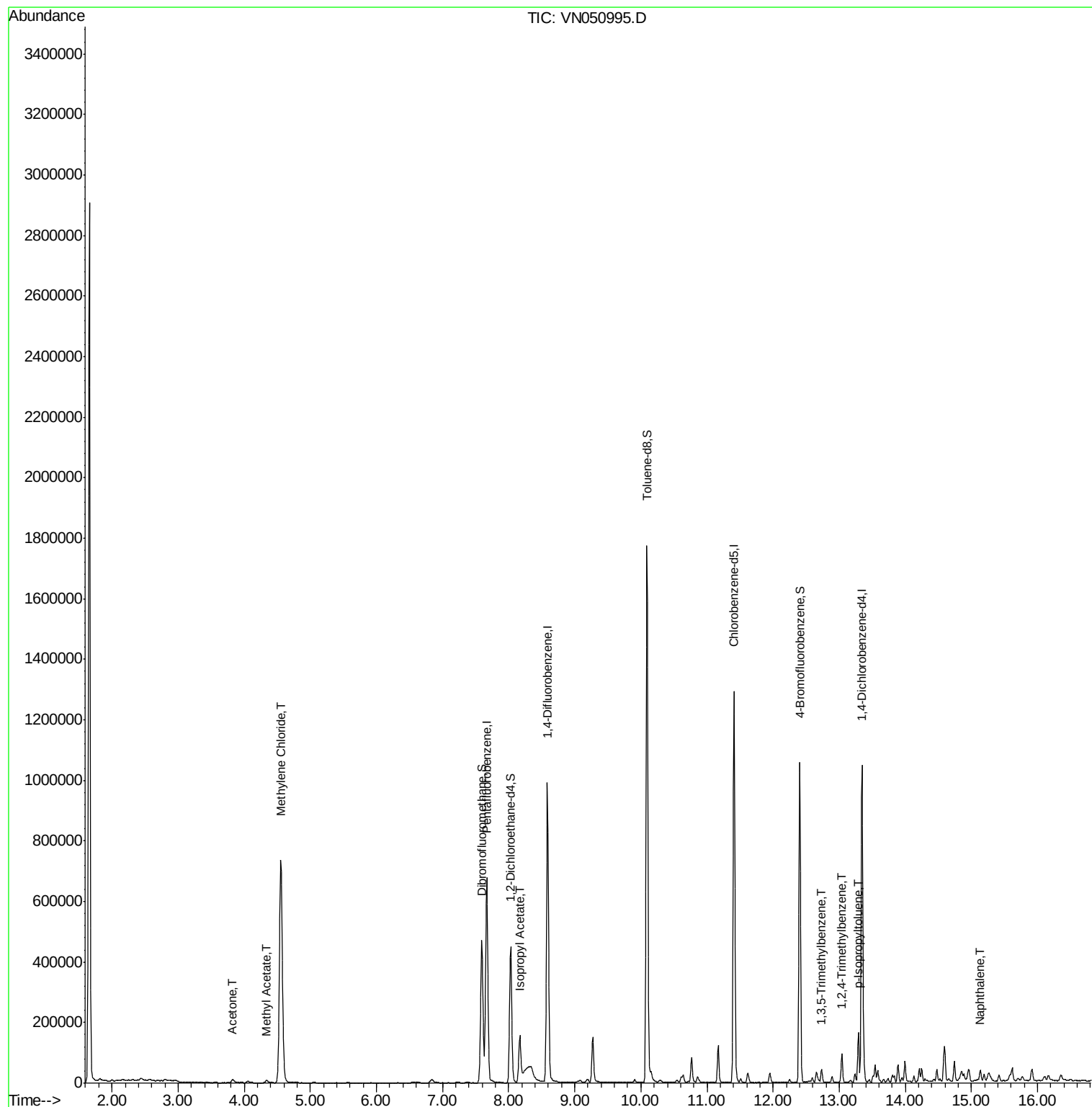
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	598608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	946110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	812259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	379609	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
35) Dibromofluoromethane	7.59	113	364770	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	10.09	98	1301802	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
62) 4-Bromofluorobenzene	12.40	95	364088	38.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.86%	
Target Compounds						
16) Acetone	3.82	43	21651	5.79	ug/l	99
18) Methyl Acetate	4.33	43	13184	1.94	ug/l	96
20) Methylene Chloride	4.55	84	597135	73.52	ug/l	98
43) Isopropyl Acetate	8.17	43	188155	17.06	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	21608	1.05	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	53149	2.56	ug/l	98
86) p-Isopropyltoluene	13.29	119	93968	4.70	ug/l	100
95) Naphthalene	15.13	128	31218	7.65	ug/l #	96

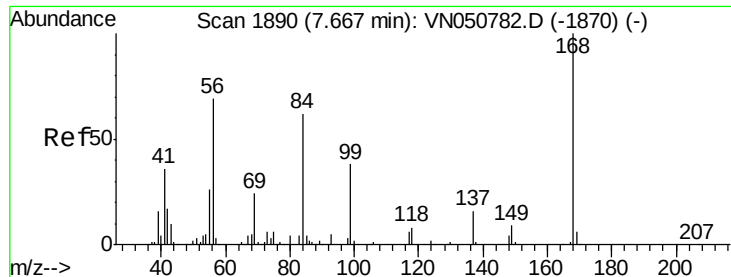
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050995.D

Acq: 31 Aug 2018 18:07

Instrument :

MSVOA_N

ClientSampleId :

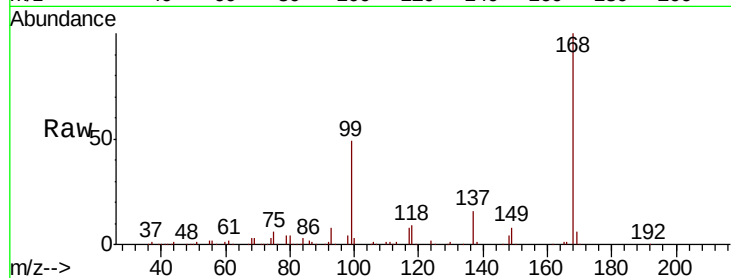
KG-SLUDGE-2

Tot Ion:168 Resp: 598608

Ion Ratio Lower Upper

168 100

99 49.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

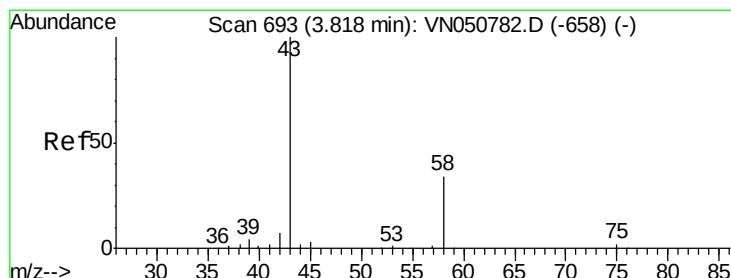
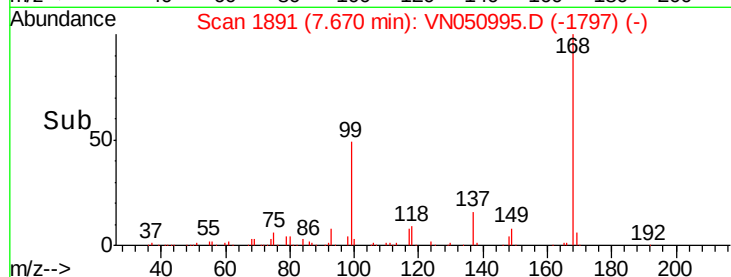
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.79 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050995.D

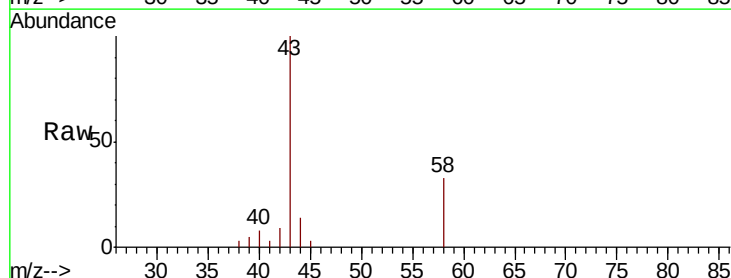
Acq: 31 Aug 2018 18:07

Tgt Ion: 43 Resp: 21651

Ion Ratio Lower Upper

43 100

58 33.2 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

8000

6000

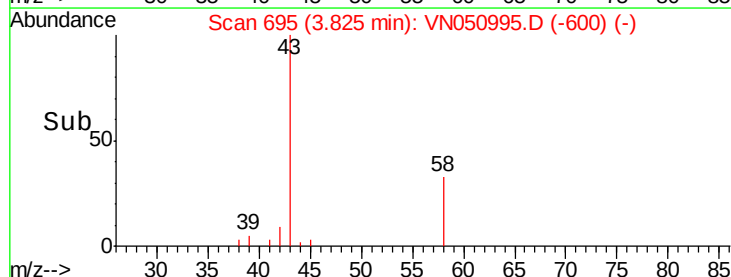
4000

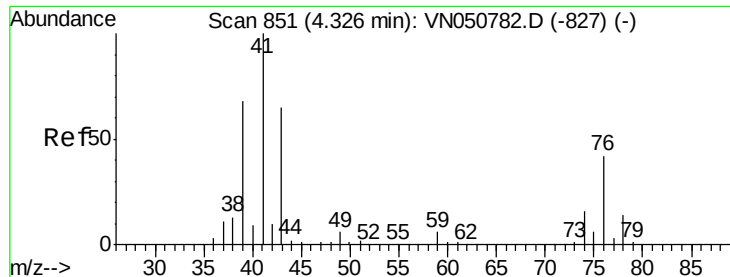
2000

0

3.70 3.80 3.90

Time-->

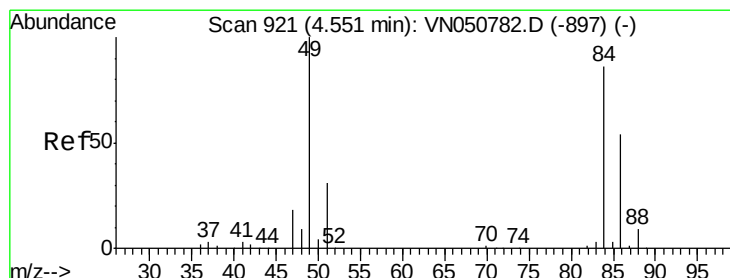
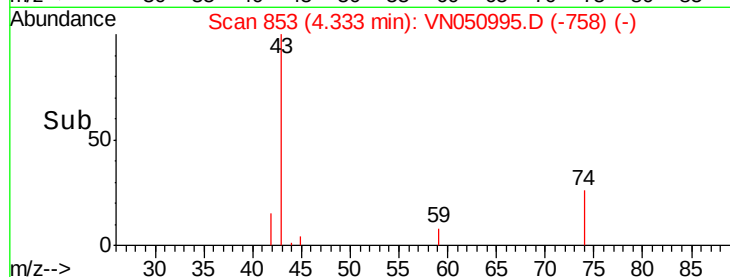
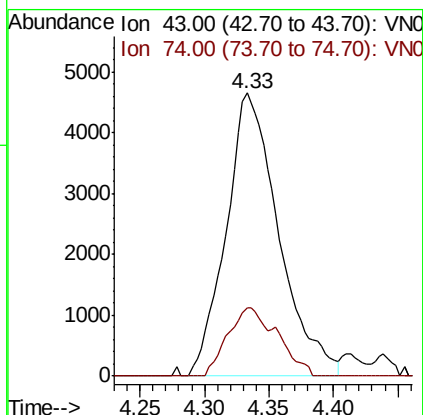
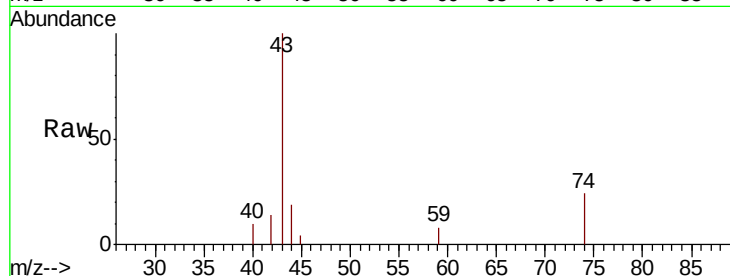




#18
Methvl Acetate
Concen: 1.94 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050995.D
Acq: 31 Aug 2018 18:07

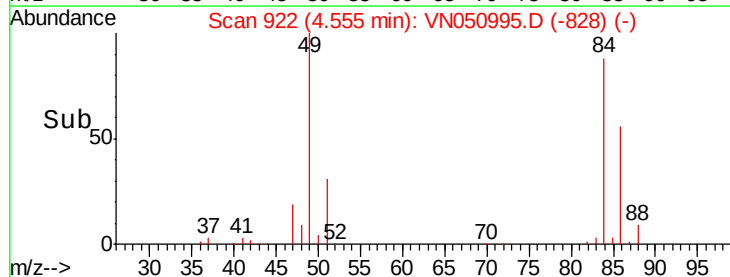
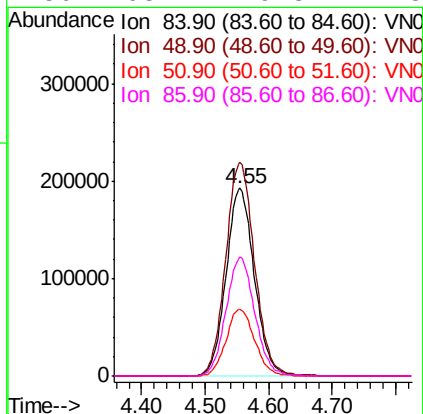
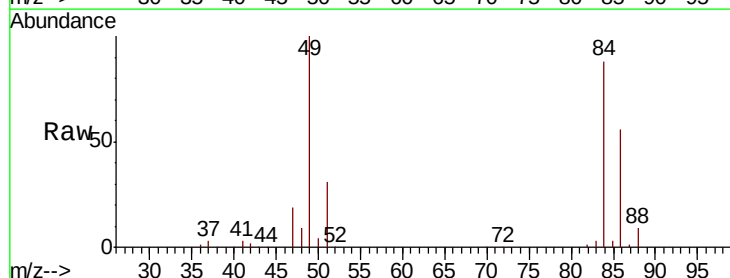
Instrument :
MSVOA_N
ClientSampleId :
KG-SLUDGE-2

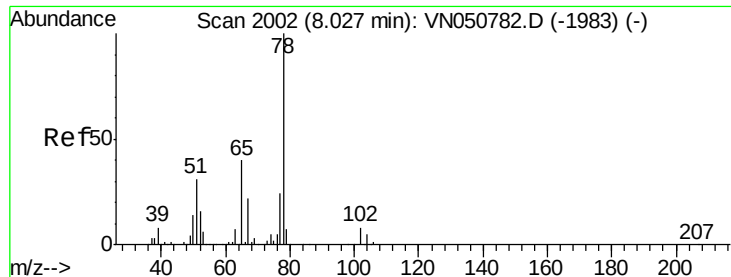
Tot Ion: 43 Resp: 13184
Ion Ratio Lower Upper
43 100
74 22.9 19.8 29.8



#20
Methylene Chloride
Concen: 73.52 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050995.D
Acq: 31 Aug 2018 18:07

Tgt Ion: 84 Resp: 597135
Ion Ratio Lower Upper
84 100
49 113.8 93.2 139.8
51 35.2 29.0 43.6
86 63.2 49.8 74.8

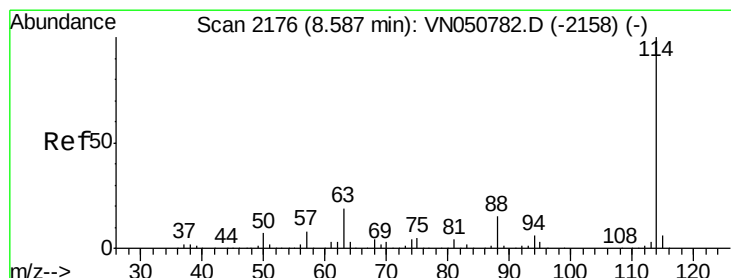
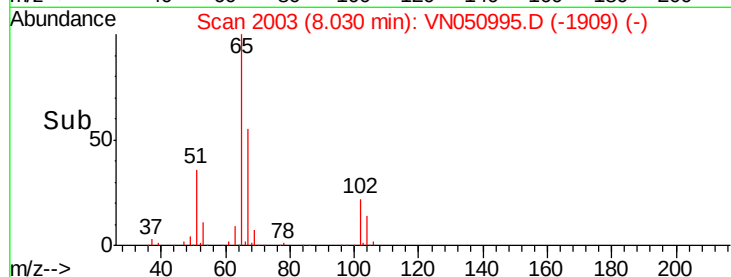
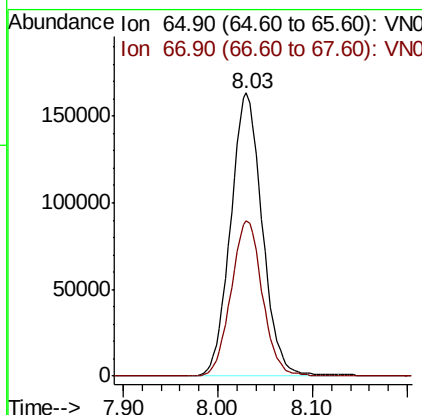
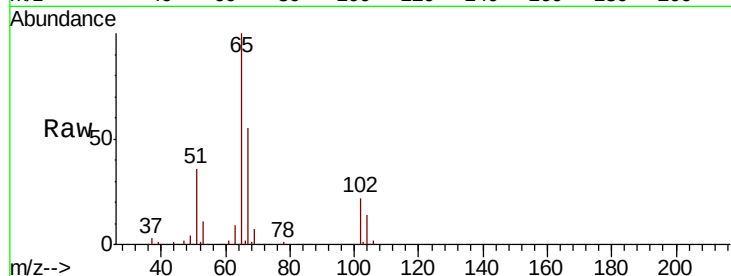




#33
 1,2-Dichloroethane-d4
 Concen: 52.68 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050995.D
 Acq: 31 Aug 2018 18:07

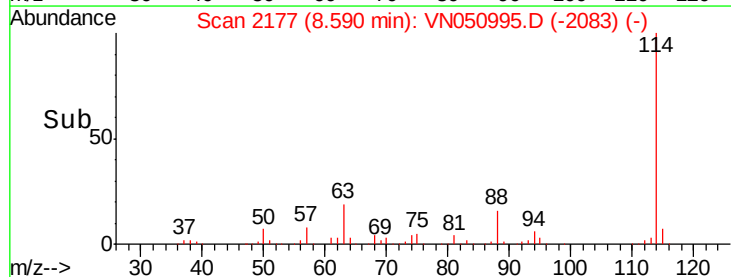
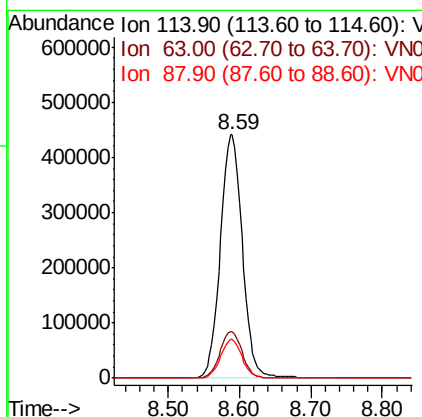
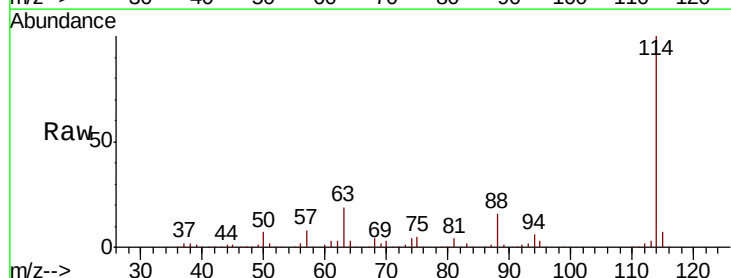
Instrument :
 MSVOA_N
 ClientSampleId :
 KG-SLUDGE-2

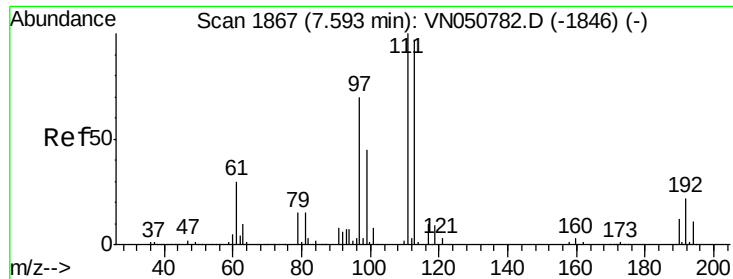
Tot Ion: 65 Resp: 379609
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050995.D
 Acq: 31 Aug 2018 18:07

Tgt Ion: 114 Resp: 946110
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.9 0.0 30.6

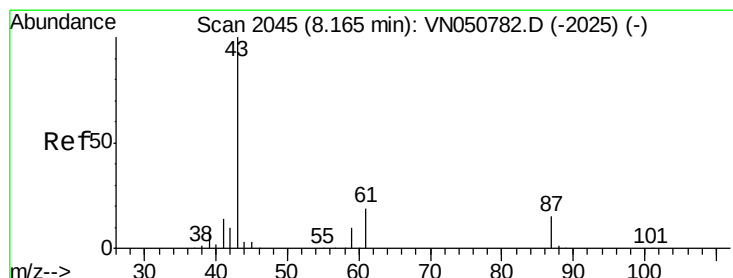
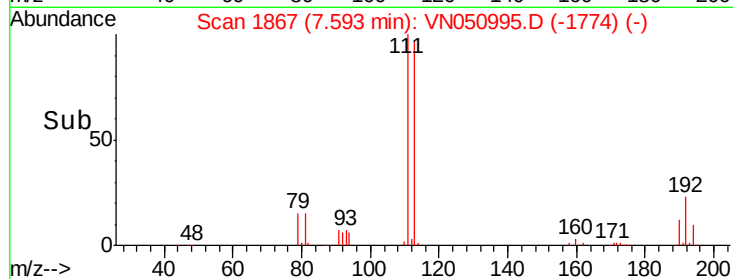
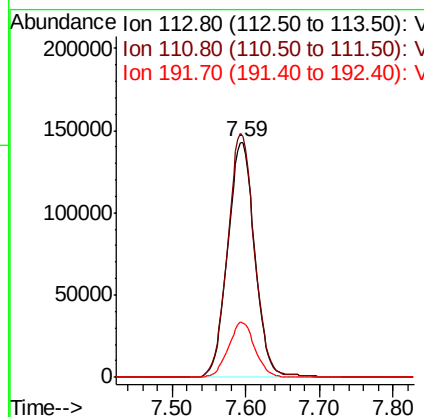
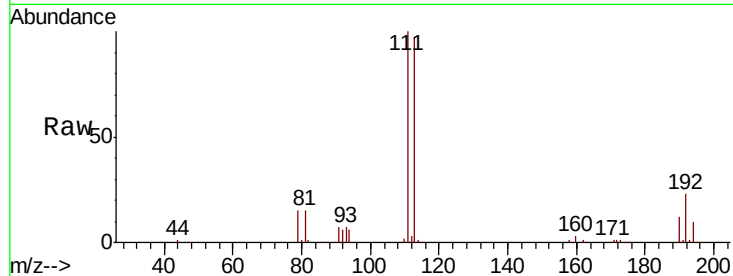




#35
 Dibromofluoromethane
 Concen: 48.46 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050995.D
 Acq: 31 Aug 2018 18:07

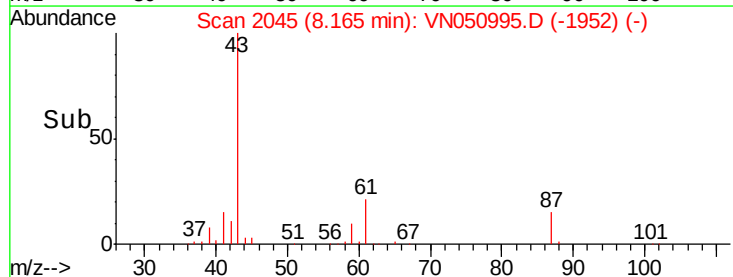
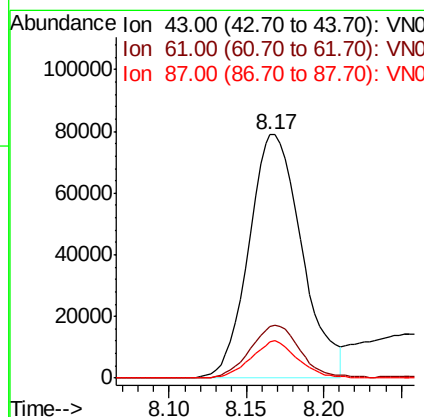
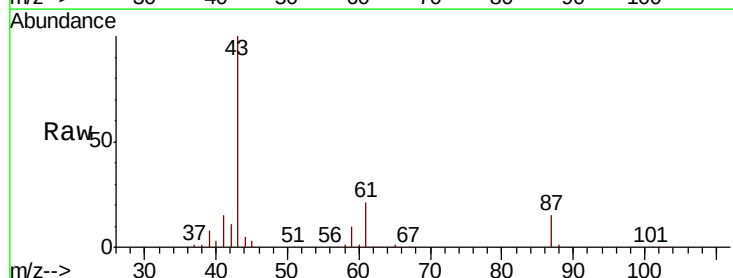
Instrument :
 MSVOA_N
 ClientSampleId :
 KG-SLUDGE-2

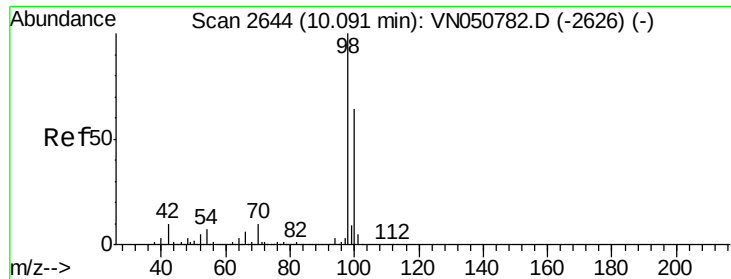
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	22.9	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 17.06 ug/l
 RT: 8.17 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: VN050995.D
 Acq: 31 Aug 2018 18:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.6	17.5	26.3
87	13.5	11.3	16.9





#50

Toluene-d8

Concen: 46.26 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050995.D

Acq: 31 Aug 2018 18:07

Instrument :

MSVOA_N

ClientSampleId :

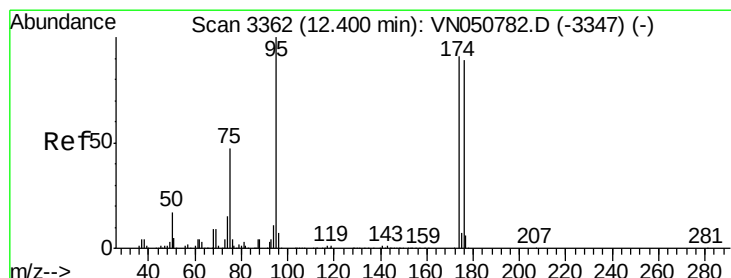
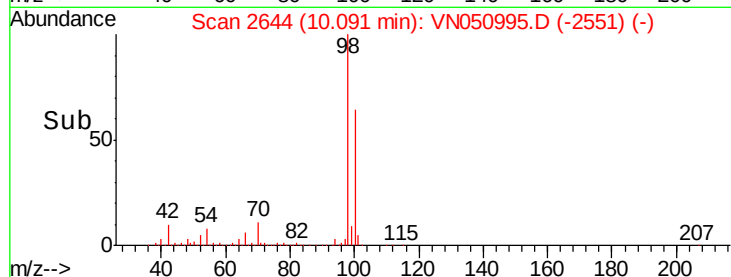
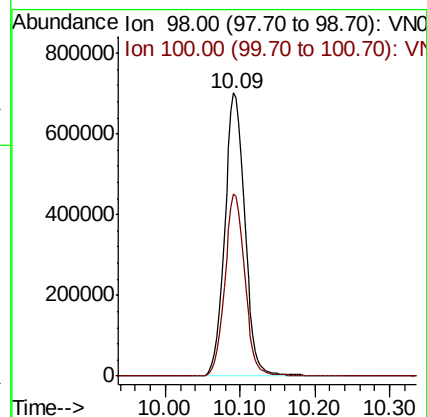
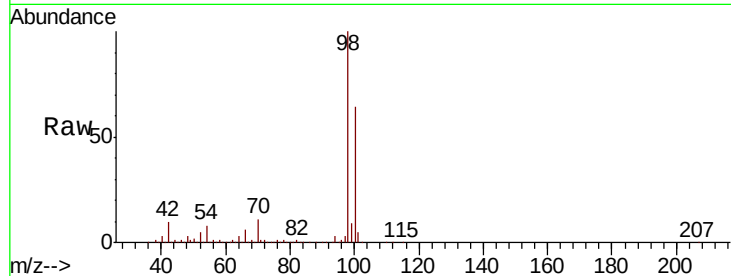
KG-SLUDGE-2

Tot Ion: 98 Resp: 1301802

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 38.93 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050995.D

Acq: 31 Aug 2018 18:07

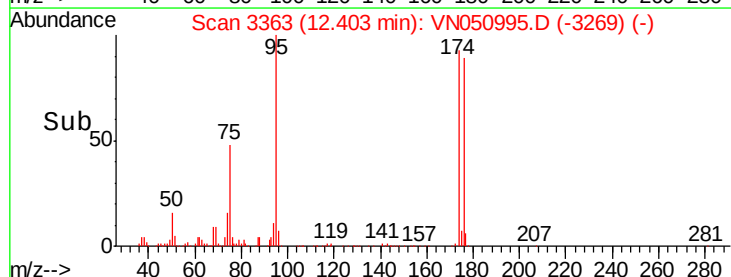
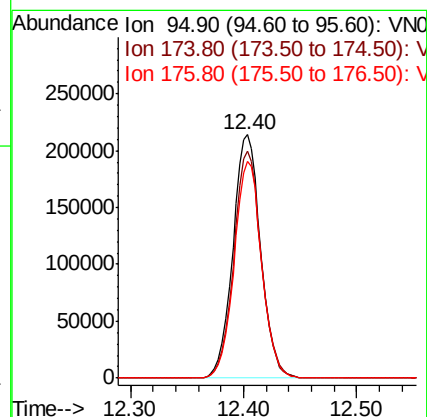
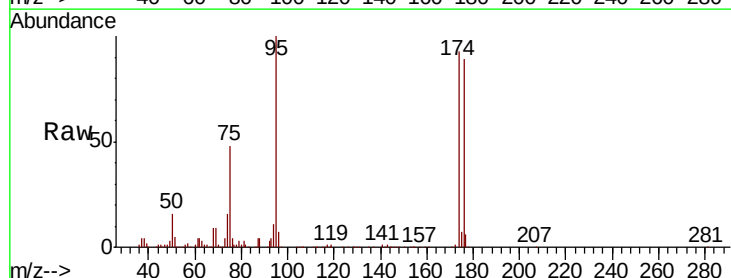
Tgt Ion: 95 Resp: 364088

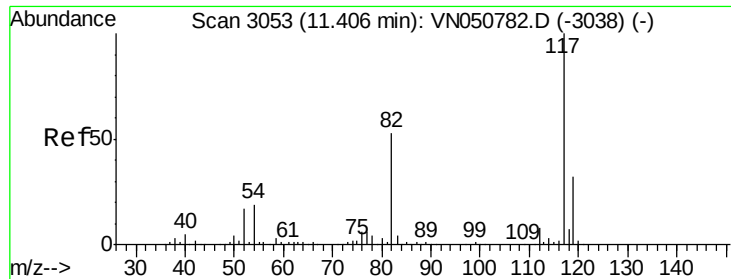
Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.0

176 88.2 0.0 178.8

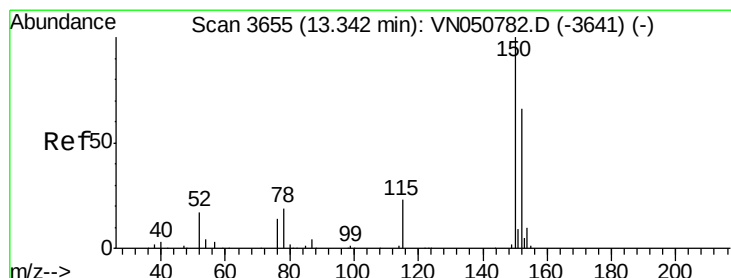
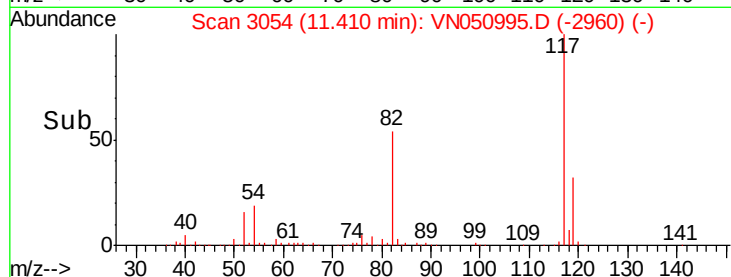
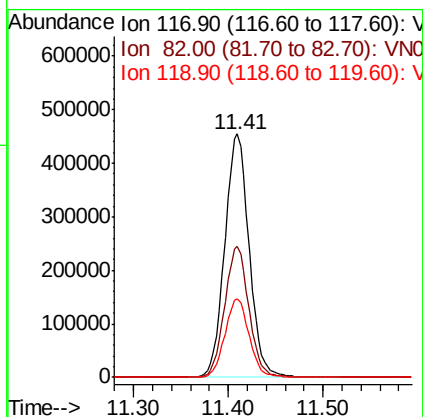
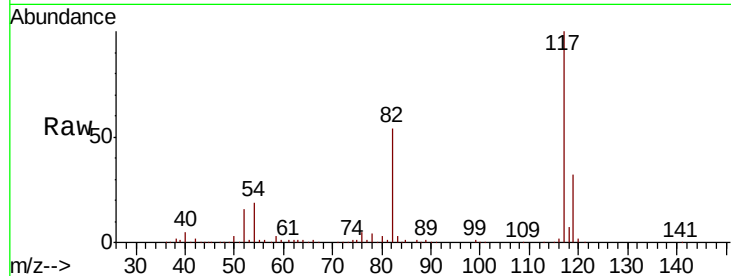




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050995.D
Acq: 31 Aug 2018 18:07

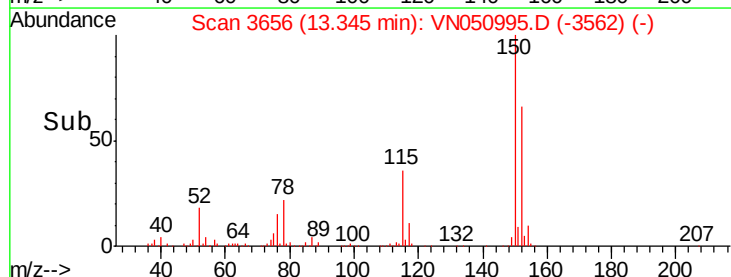
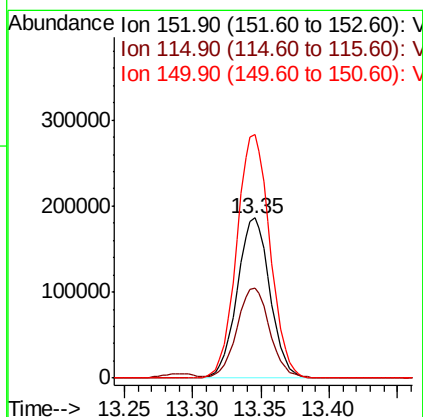
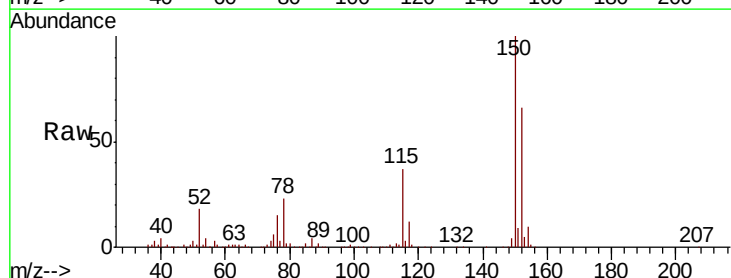
Instrument :
MSVOA_N
ClientSampleId :
KG-SLUDGE-2

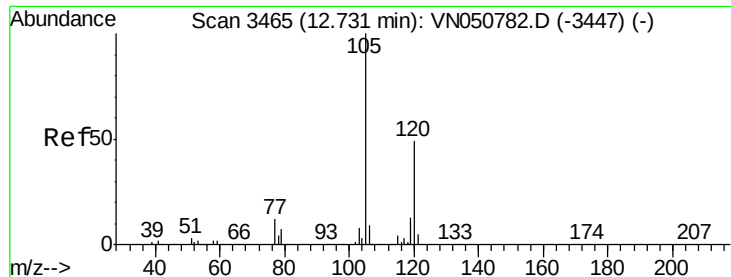
Tot Ion:117 Resp: 812259
Ion Ratio Lower Upper
117 100
82 53.8 42.6 64.0
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050995.D
Acq: 31 Aug 2018 18:07

Tgt Ion:152 Resp: 309399
Ion Ratio Lower Upper
152 100
115 56.6 27.8 83.4
150 154.6 0.0 351.4





#80

1,3,5-Trimethylbenzene

Concen: 1.05 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050995.D

Acq: 31 Aug 2018 18:07

Instrument :

MSVOA_N

ClientSampled :

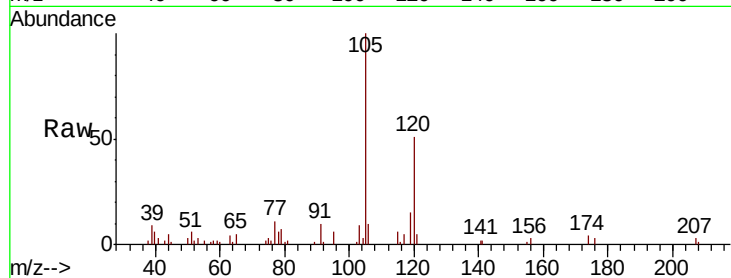
KG-SLUDGE-2

Tot Ion:105 Resp: 21608

Ion Ratio Lower Upper

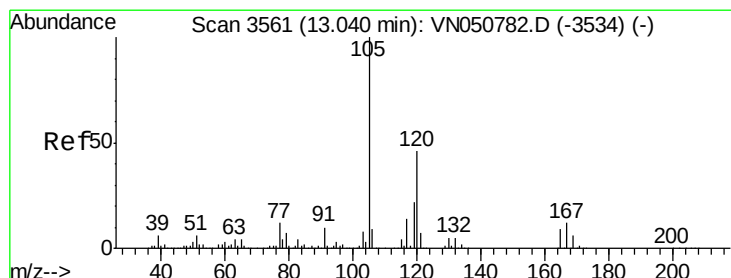
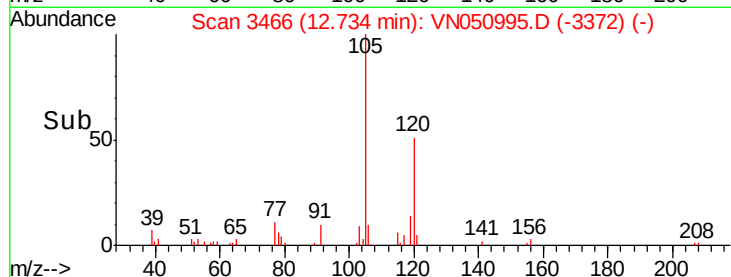
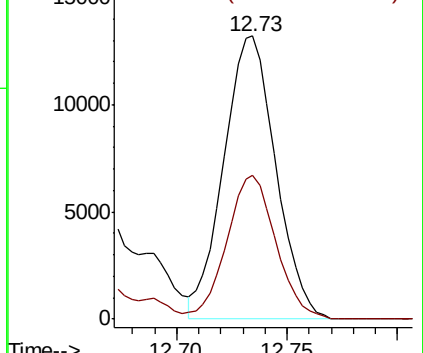
105 100

120 48.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.56 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050995.D

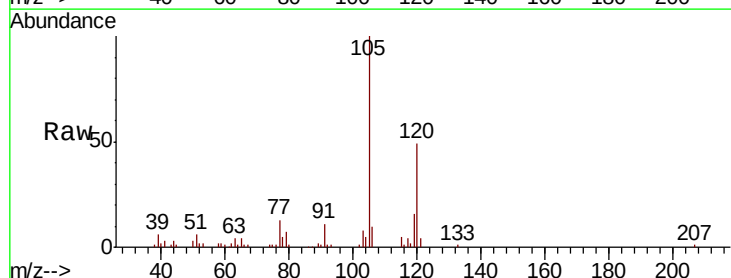
Acq: 31 Aug 2018 18:07

Tgt Ion:105 Resp: 53149

Ion Ratio Lower Upper

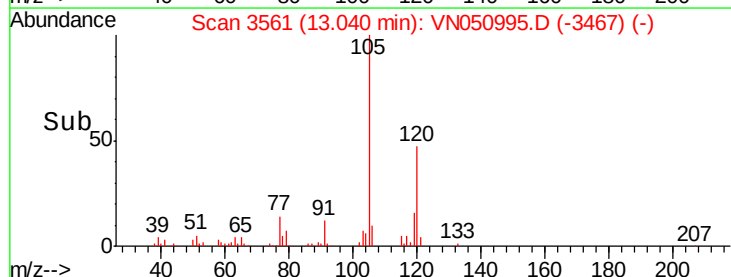
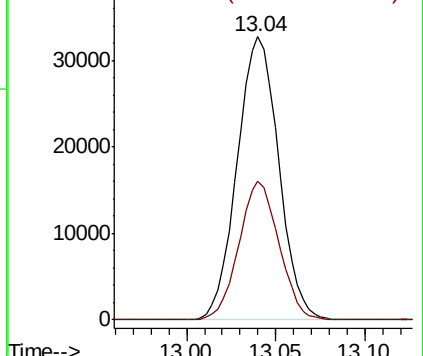
105 100

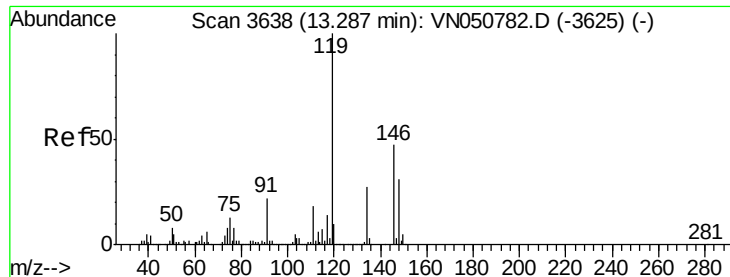
120 47.0 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

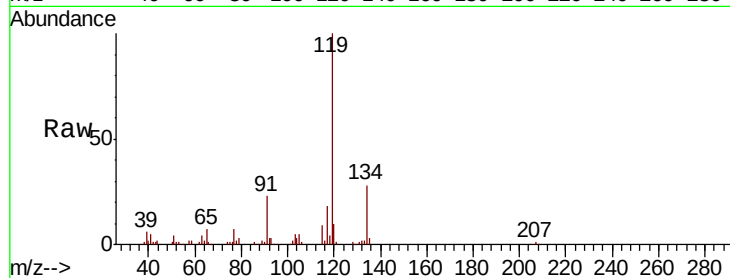




#86
 p-Isopropyltoluene
 Concen: 4.70 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050995.D
 Acq: 31 Aug 2018 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 KG-SLUDGE-2

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.7	41.0
91	21.9	11.2	33.5

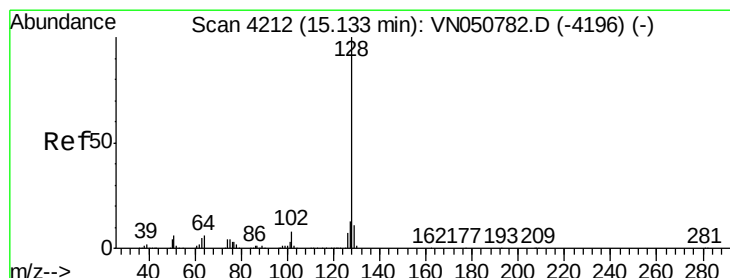
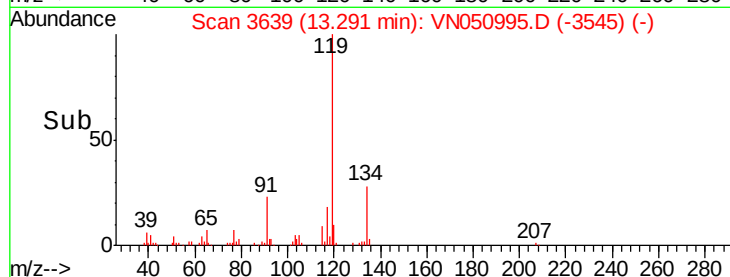
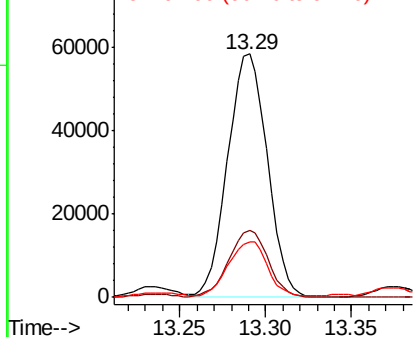


Abundance

Ion 119.00 (118.70 to 119.70): V

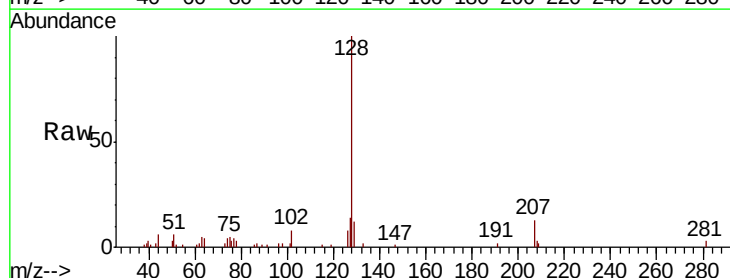
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95
 Naphthalene
 Concen: 7.65 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN050995.D
 Acq: 31 Aug 2018 18:07

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	13.6	8.7	13.1#



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

