

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005124.D
 Acq On : 05 Sep 2018 11:55
 Operator : SY/AP
 Sample : J4726-03
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KG-SLUDGE-2

Quant Time: Sep 05 14:16:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	577875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	909909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	745626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	264133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	288661	60.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.52%	
35) Dibromofluoromethane	7.89	113	259033	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.33	98	1156147	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.62	95	337240	39.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.94%	

Target Compounds

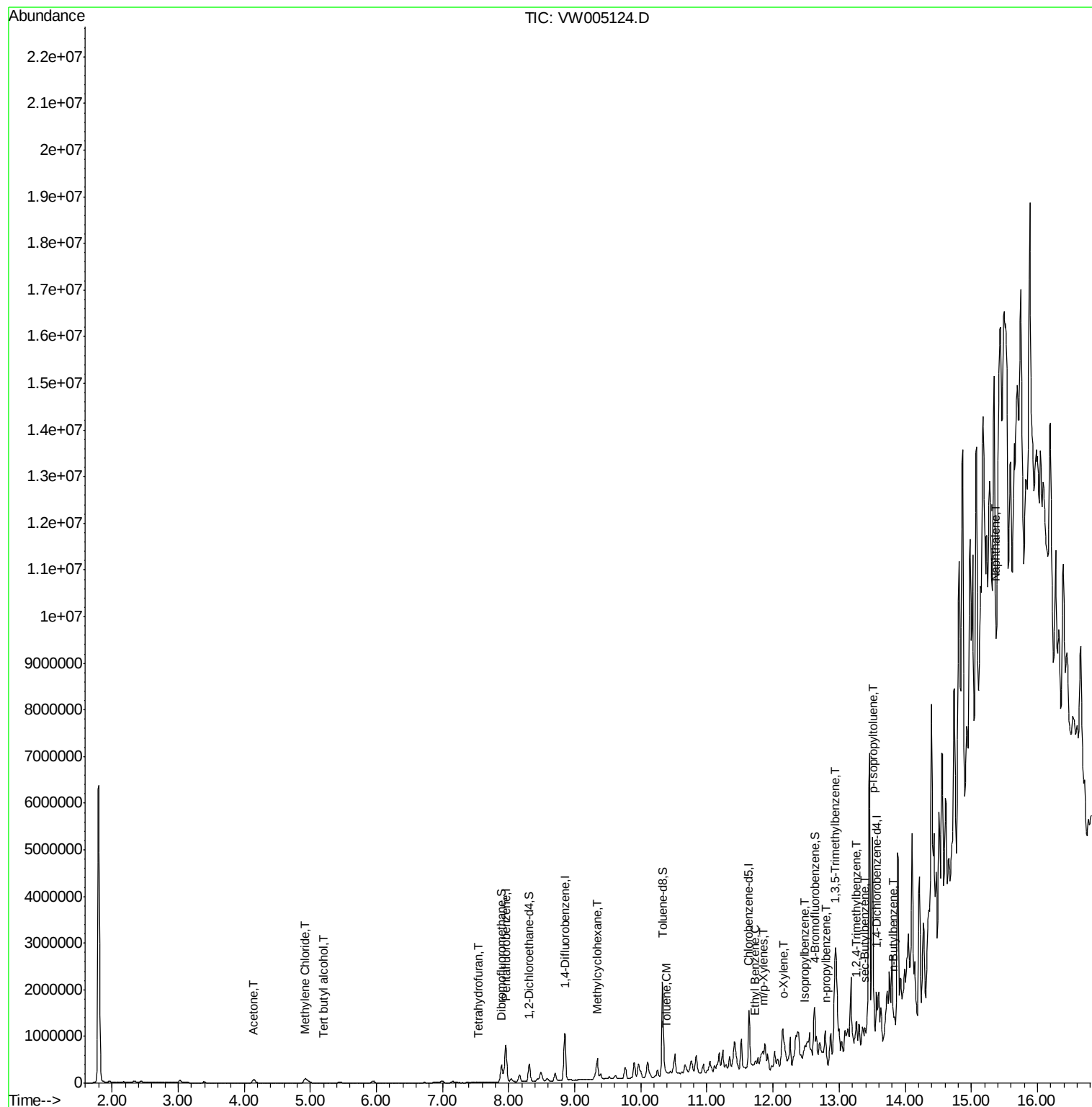
						Qvalue
11) Tert butyl alcohol	5.20	59	12879	8.21	ug/l	# 87
16) Acetone	4.14	43	140480	146.23	ug/l	95
20) Methylene Chloride	4.93	84	70917	7.63	ug/l	97
29) Tetrahydrofuran	7.54	42	7805	9.17	ug/l	95
39) Methylcyclohexane	9.34	83	177040	16.89	ug/l	99
52) Toluene	10.40	92	22766	1.27	ug/l	97
67) Ethyl Benzene	11.74	91	34305	1.21	ug/l	92
68) m/p-Xylenes	11.84	106	37049	3.26	ug/l	98
69) o-Xylene	12.17	106	74768	7.12	ug/l	93
73) Isopropylbenzene	12.47	105	73310	3.94	ug/l	87
78) n-propylbenzene	12.81	91	126722	5.64	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	541629	33.63	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	384957	23.47	ug/l	100
85) sec-Butylbenzene	13.39	105	122690	6.21	ug/l	# 77
86) p-Isopropyltoluene	13.51	119	2303543	131.65	ug/l	99
89) n-Butylbenzene	13.83	91	132741	8.19	ug/l	# 65
95) Naphthalene	15.38	128	61221	9.90	ug/l	# 69

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005124.D
Acq On : 05 Sep 2018 11:55
Operator : SY/AP
Sample : J4726-03
Misc : 5.12G/5ML/MSVOA W/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KG-SLUDGE-2

Quant Time: Sep 05 14:16:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005124.D

Acq: 05 Sep 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

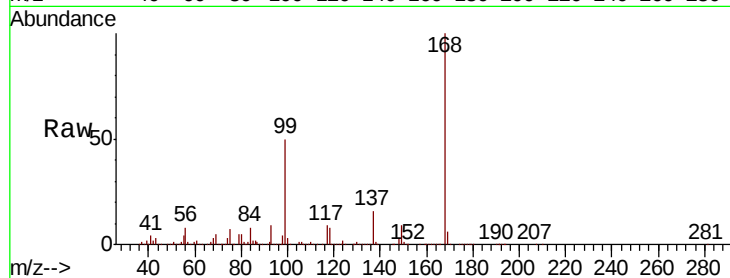
KG-SLUDGE-2

Tot Ion:168 Resp: 577875

Ion Ratio Lower Upper

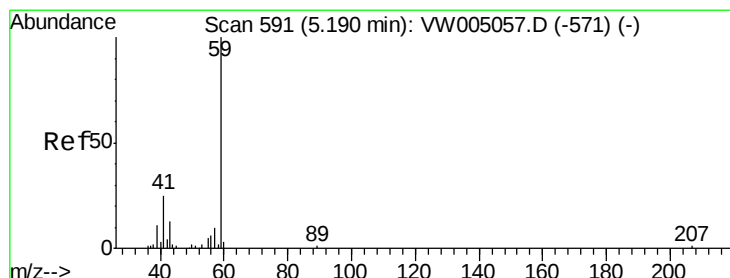
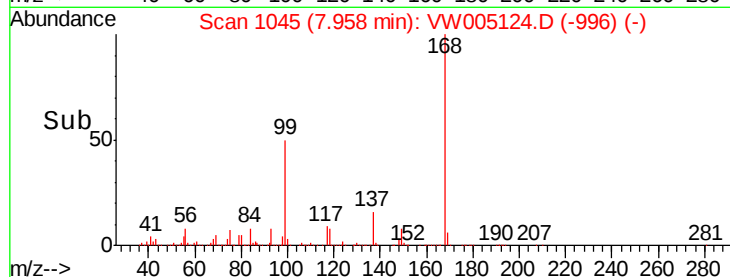
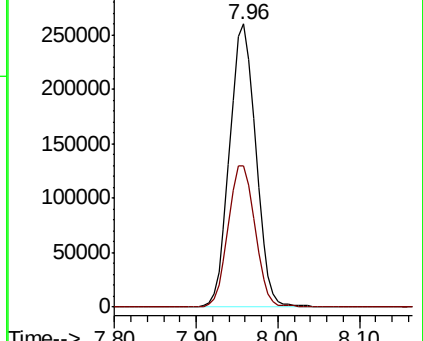
168 100

99 50.1 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 8.21 ug/l

RT: 5.20 min Scan# 593

Delta R.T. 0.01 min

Lab File: VW005124.D

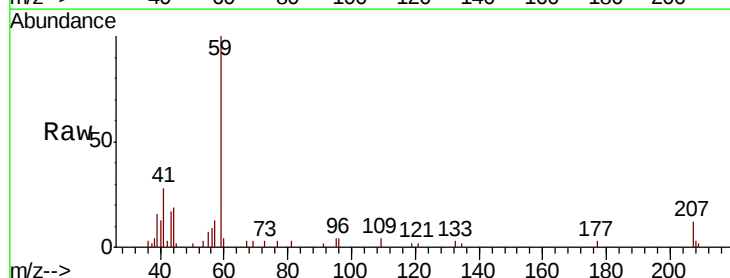
Acq: 05 Sep 2018 11:55

Tgt Ion: 59 Resp: 12879

Ion Ratio Lower Upper

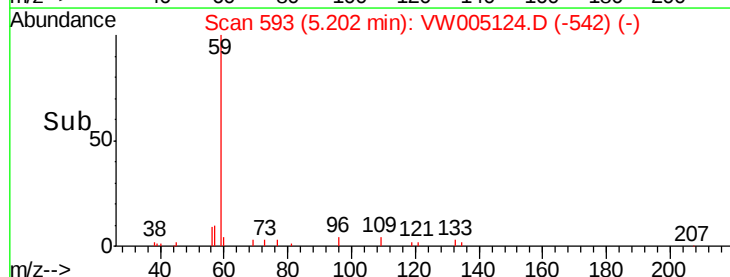
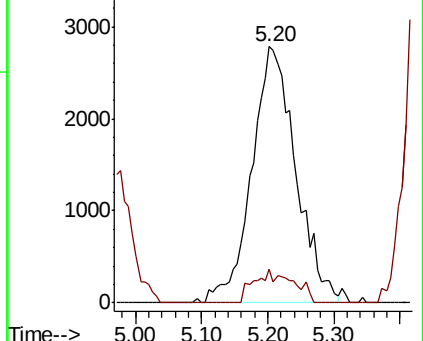
59 100

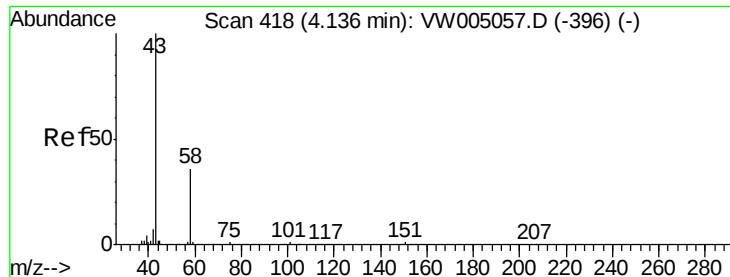
57 5.6 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

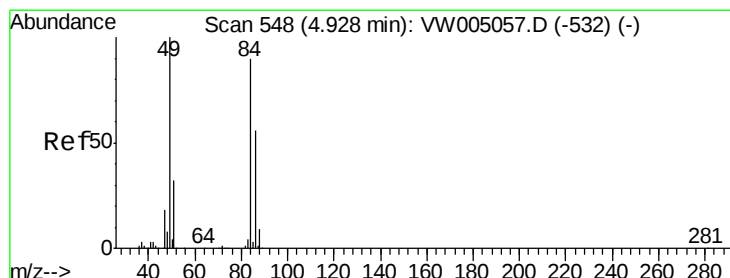
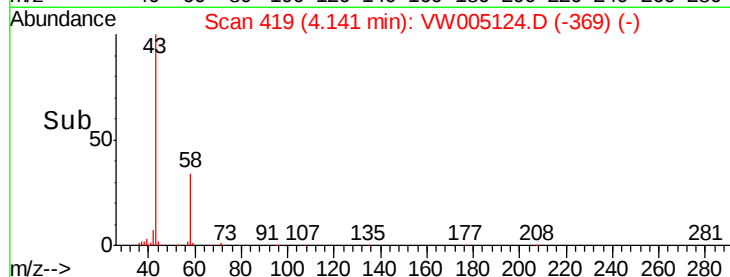
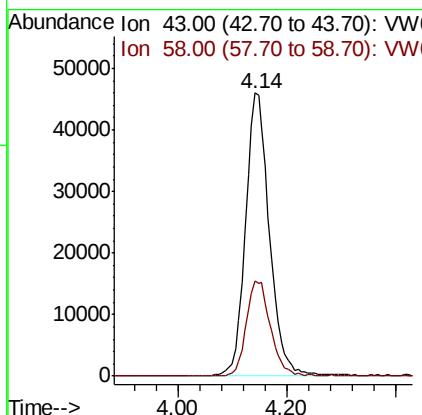
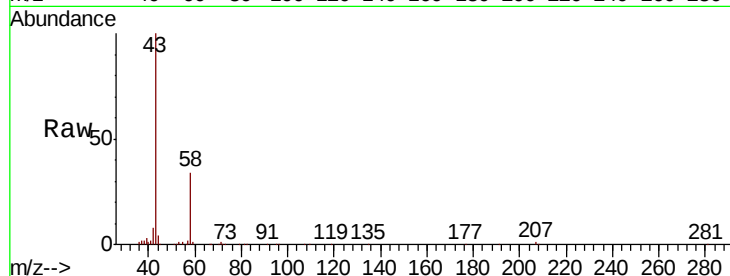




#16
Acetone
Concen: 146.23 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW005124.D
Acq: 05 Sep 2018 11:55

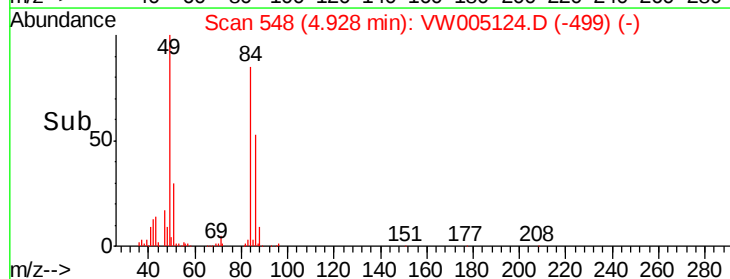
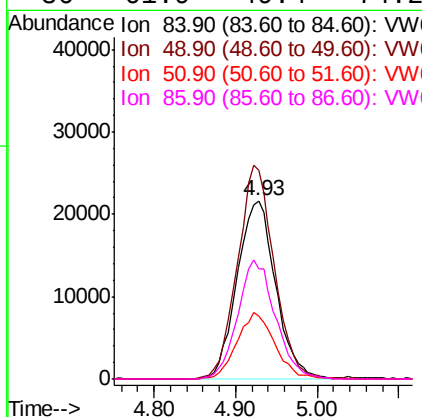
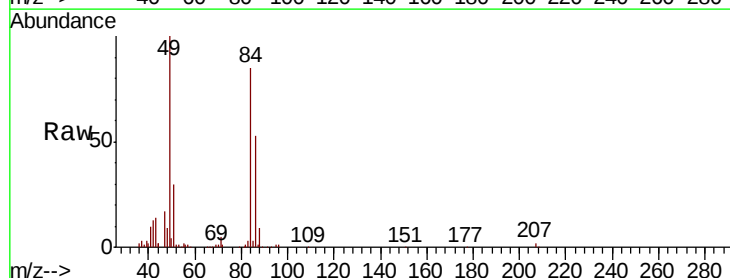
Instrument :
MSVOA_W
ClientSampleId :
KG-SLUDGE-2

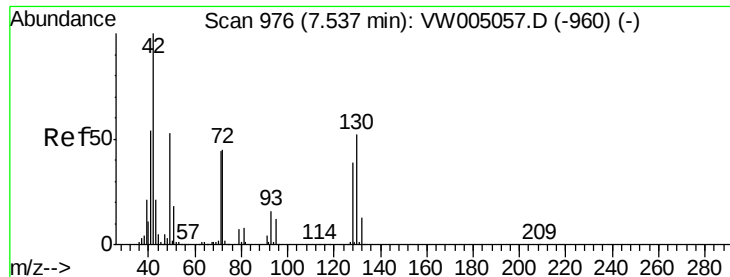
Tot Ion: 43 Resp: 140480
Ion Ratio Lower Upper
43 100
58 33.6 29.0 43.6



#20
Methylene Chloride
Concen: 7.63 ug/l
RT: 4.93 min Scan# 548
Delta R.T. -0.00 min
Lab File: VW005124.D
Acq: 05 Sep 2018 11:55

Tgt Ion: 84 Resp: 70917
Ion Ratio Lower Upper
84 100
49 117.0 88.7 133.1
51 34.9 28.6 42.8
86 61.9 49.4 74.2

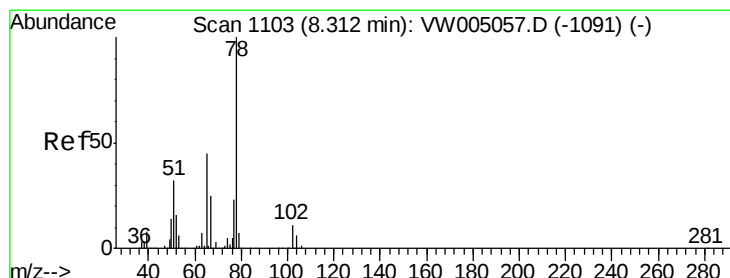
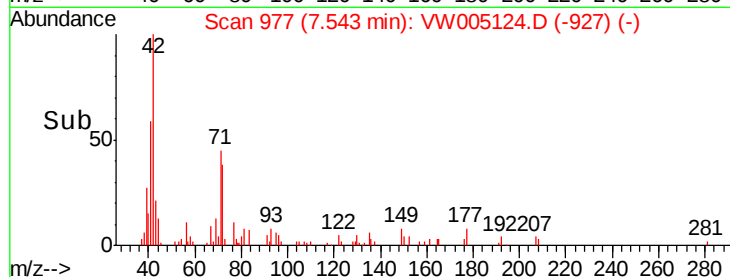
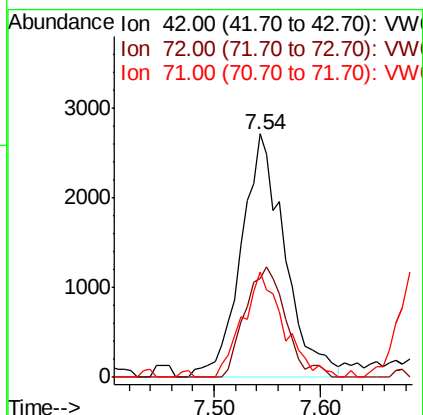
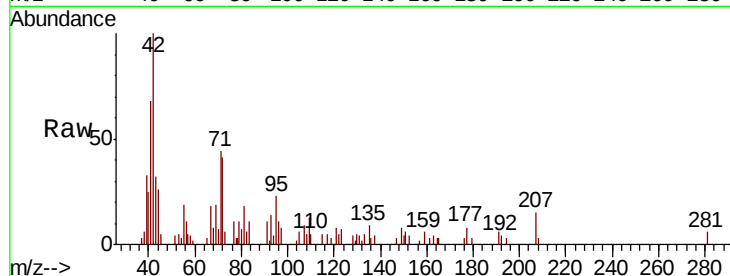




#29
Tetrahydrofuran
Concen: 9.17 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW005124.D
Acq: 05 Sep 2018 11:55

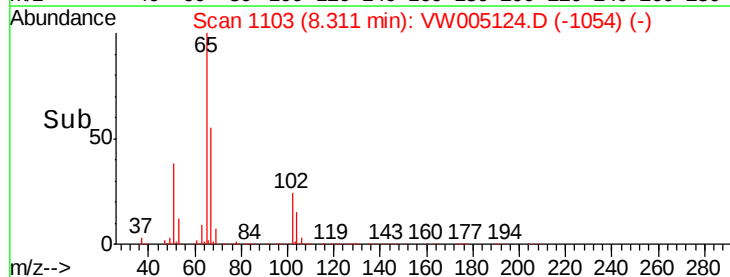
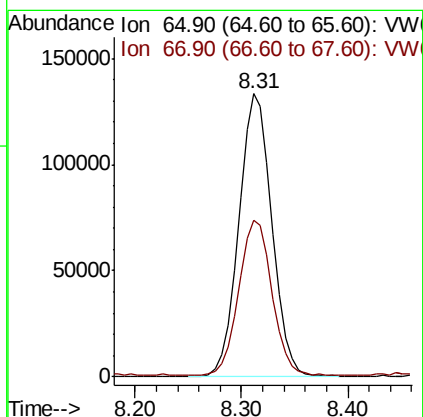
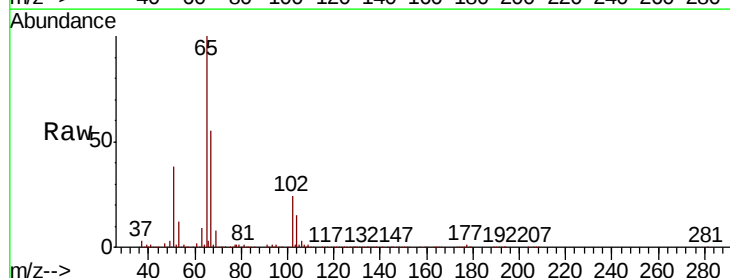
Instrument :
MSVOA_W
ClientSampleId :
KG-SLUDGE-2

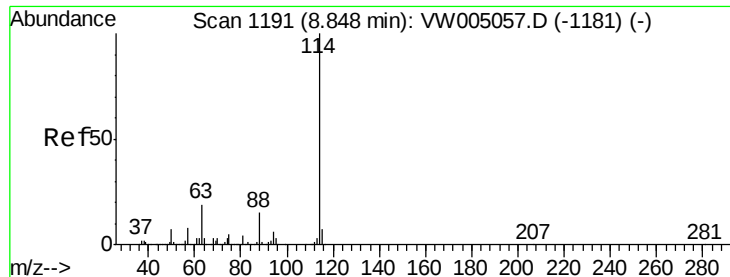
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	37.0	55.4
71	40.9	35.0	52.6



#33
1,2-Dichloroethane-d4
Concen: 60.26 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW005124.D
Acq: 05 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	109.4

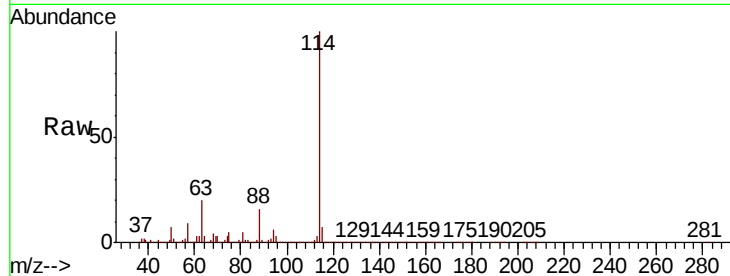




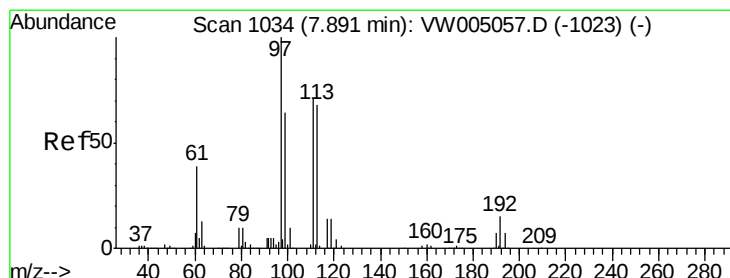
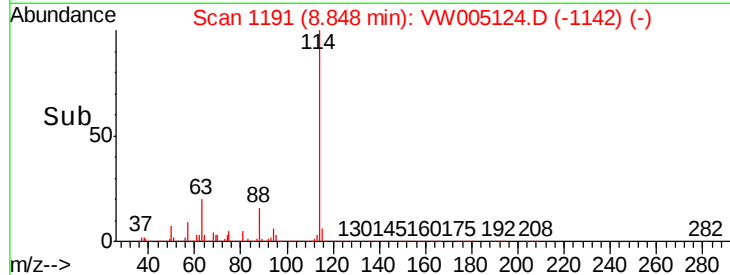
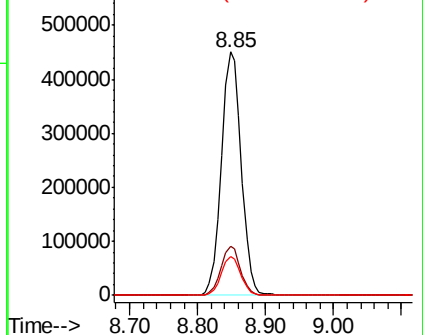
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005124.D
 Acq: 05 Sep 2018 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 KG-SLUDGE-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.0
88	15.8	0.0	30.2

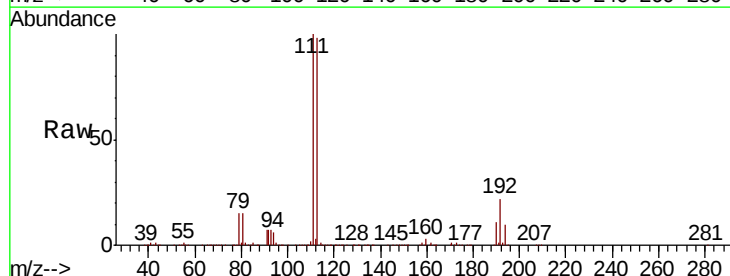


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

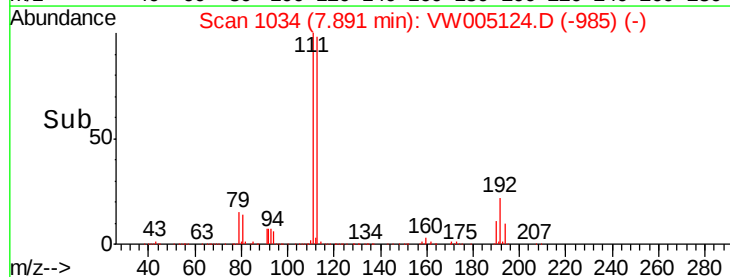
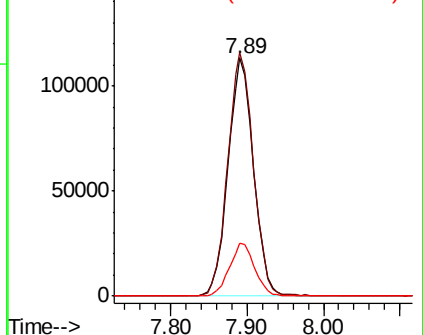


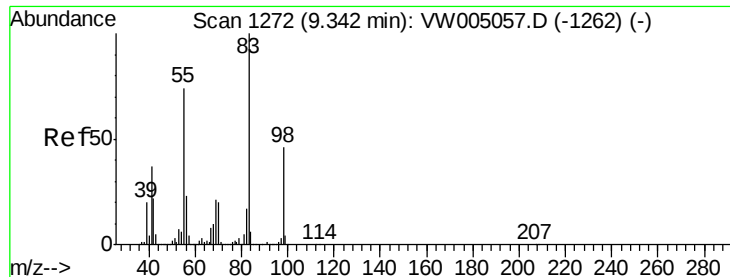
#35
 Dibromofluoromethane
 Concen: 49.26 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005124.D
 Acq: 05 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	21.8	18.1	27.1



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

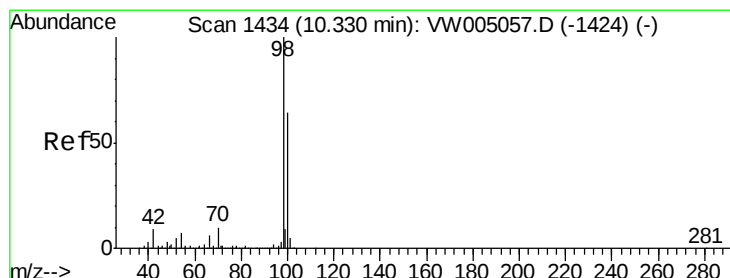
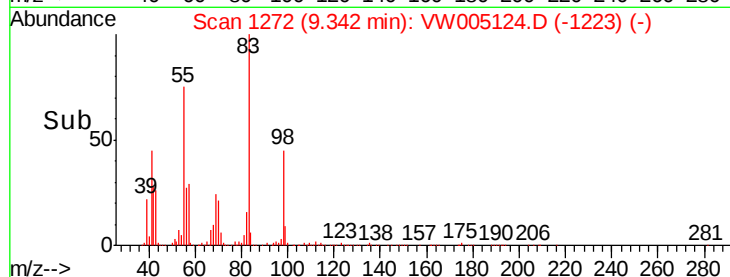
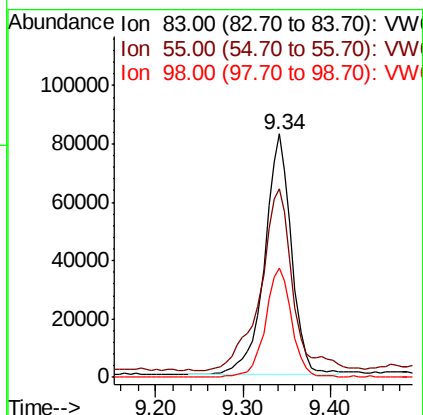
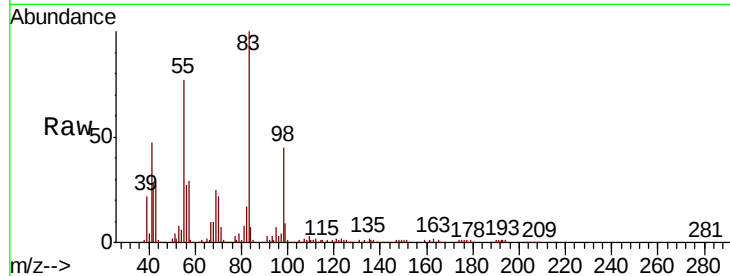




#39
Methylcyclohexane
Concen: 16.89 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005124.D
Acq: 05 Sep 2018 11:55

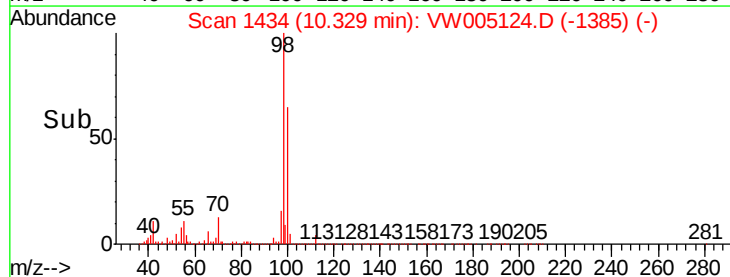
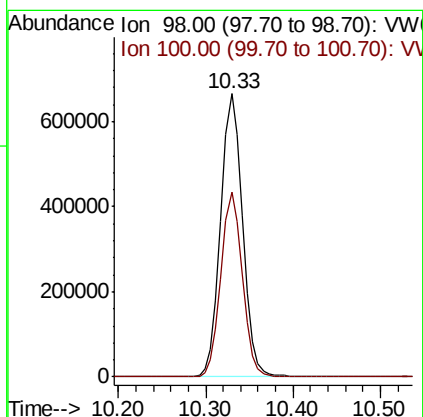
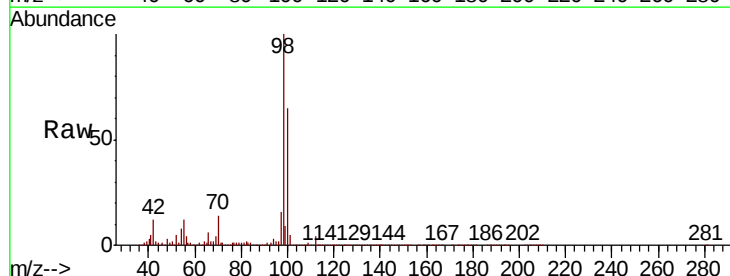
Instrument :
MSVOA_W
ClientSampled :
KG-SLUDGE-2

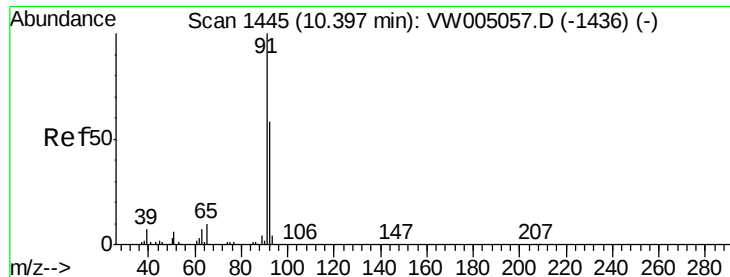
Tot Ion: 83 Resp: 177040
Ion Ratio Lower Upper
83 100
55 74.8 58.9 88.3
98 45.3 36.8 55.2



#50
Toluene-d8
Concen: 47.72 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005124.D
Acq: 05 Sep 2018 11:55

Tgt Ion: 98 Resp: 1156147
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5





#52

Toluene

Concen: 1.27 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW005124.D

Acq: 05 Sep 2018 11:55

Instrument :

MSVOA_W

ClientSampled :

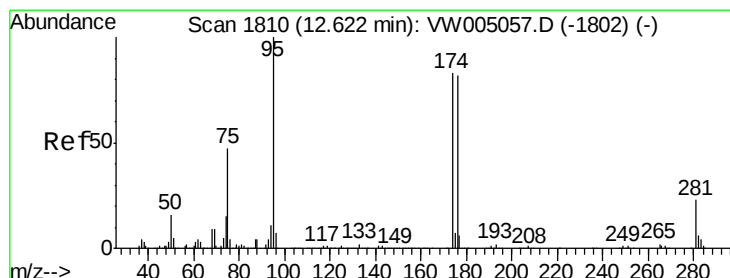
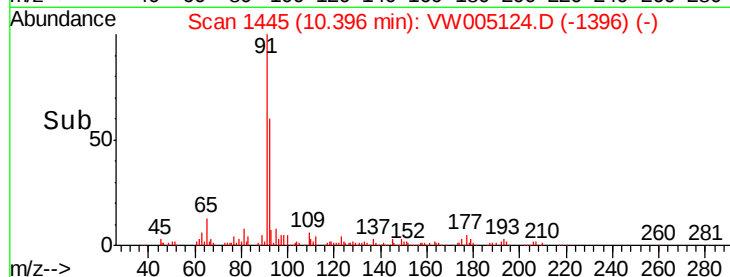
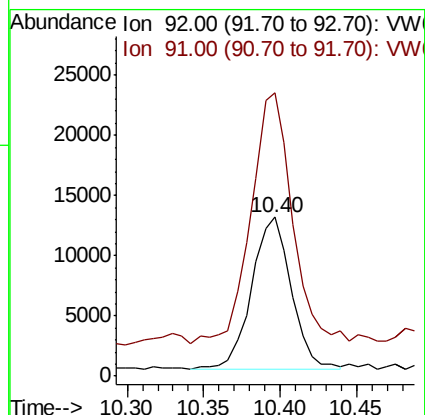
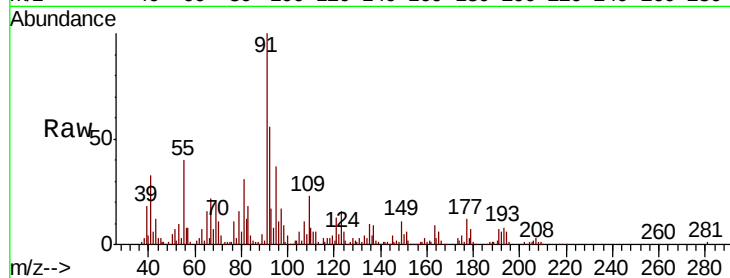
KG-SLUDGE-2

Tot Ion: 92 Resp: 22766

Ion Ratio Lower Upper

92 100

91 178.1 139.2 208.8



#62

4-Bromofluorobenzene

Concen: 39.47 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005124.D

Acq: 05 Sep 2018 11:55

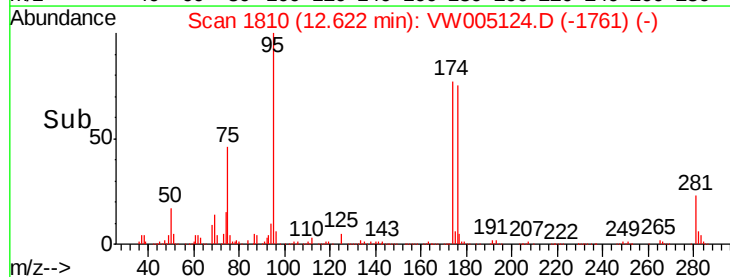
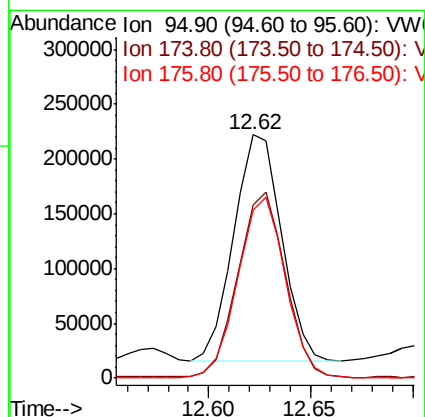
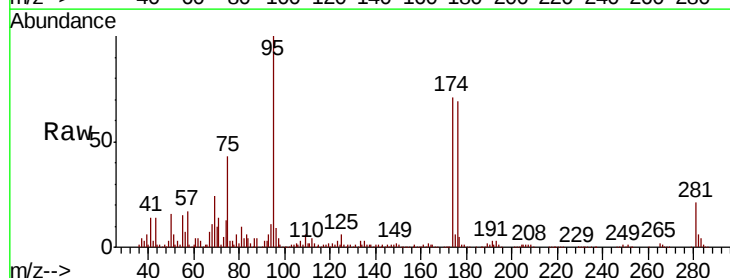
Tgt Ion: 95 Resp: 337240

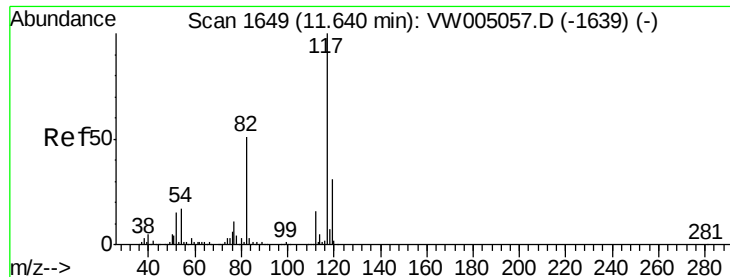
Ion Ratio Lower Upper

95 100

174 80.8 0.0 173.4

176 79.3 0.0 167.4

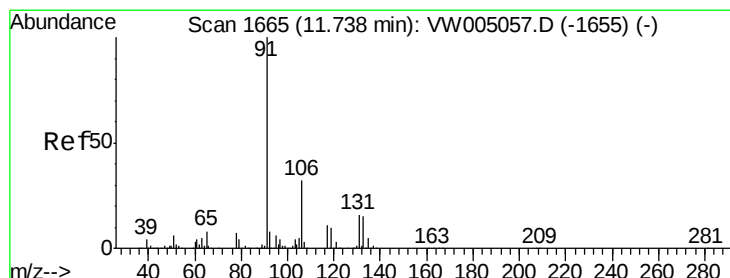
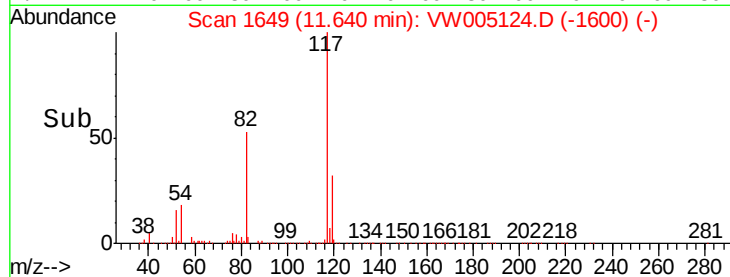
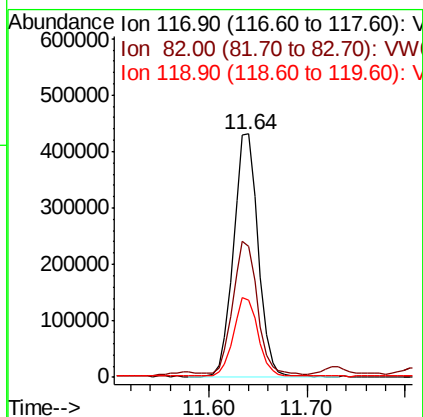
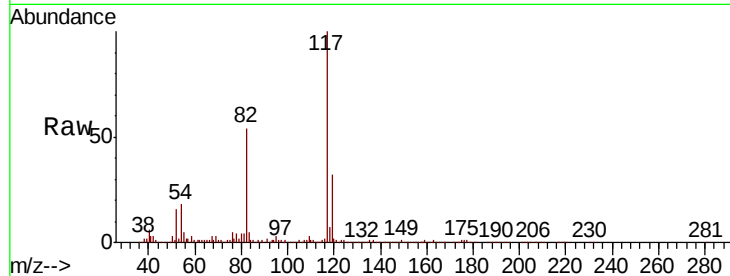




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW005124.D
Acq: 05 Sep 2018 11:55

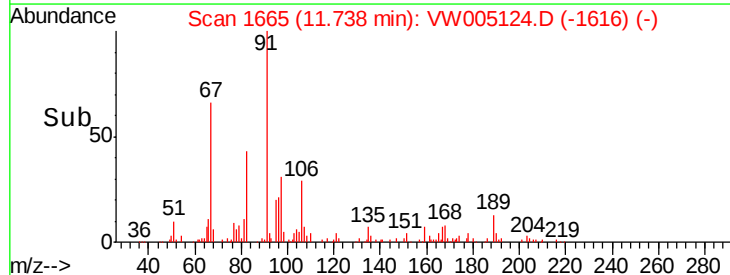
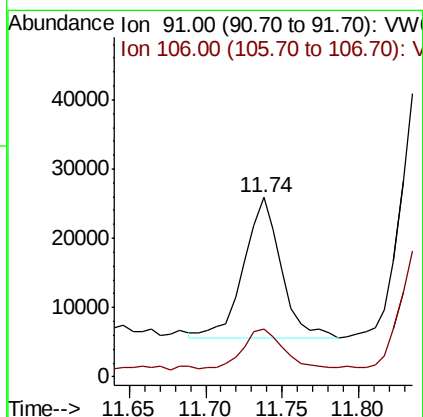
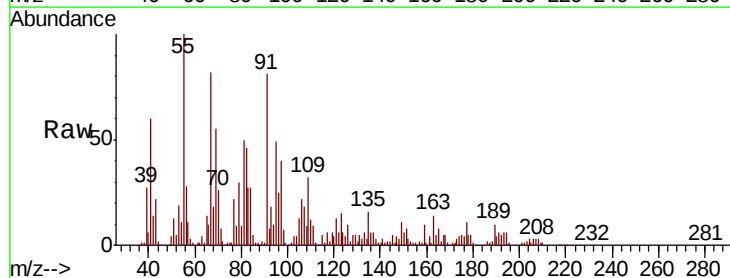
Instrument :
MSVOA_W
ClientSampleId :
KG-SLUDGE-2

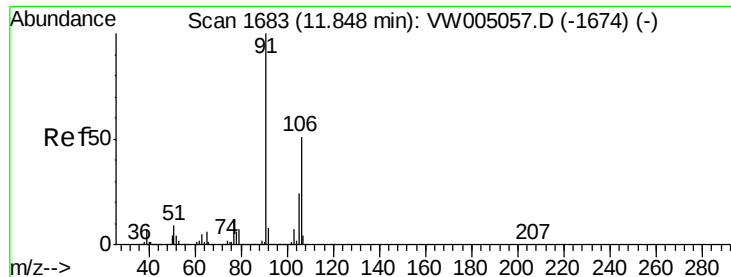
Tot Ion:117 Resp: 745626
Ion Ratio Lower Upper
117 100
82 52.0 40.9 61.3
119 31.5 24.9 37.3



#67
Ethyl Benzene
Concen: 1.21 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005124.D
Acq: 05 Sep 2018 11:55

Tgt Ion: 91 Resp: 34305
Ion Ratio Lower Upper
91 100
106 27.3 25.3 37.9

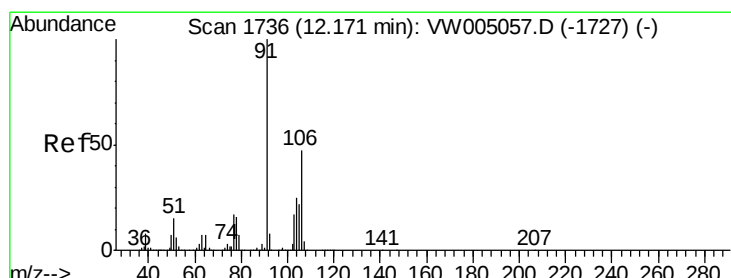
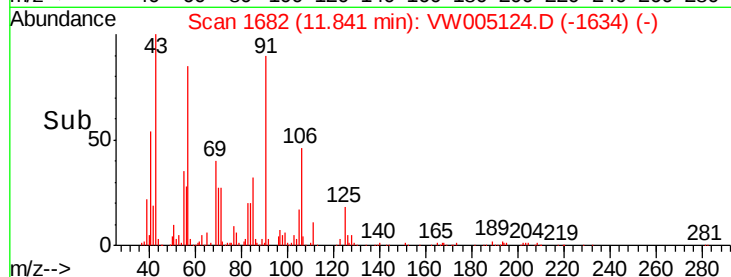
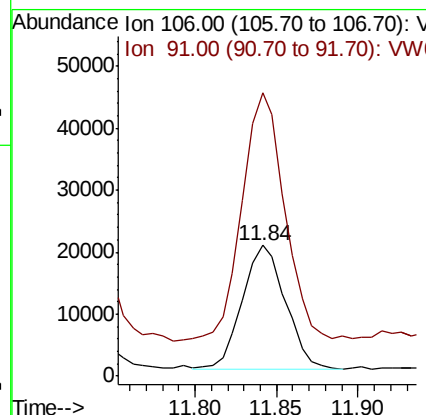
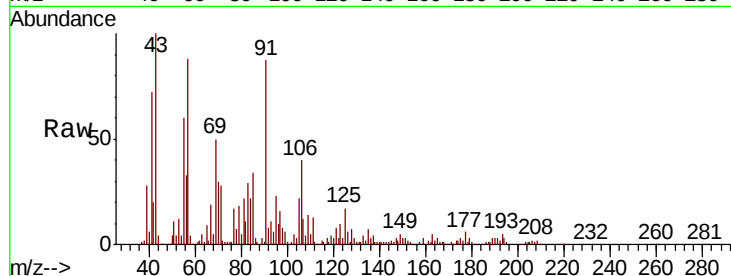




#68
m/p-Xylenes
Concen: 3.26 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW005124.D
Acq: 05 Sep 2018 11:55

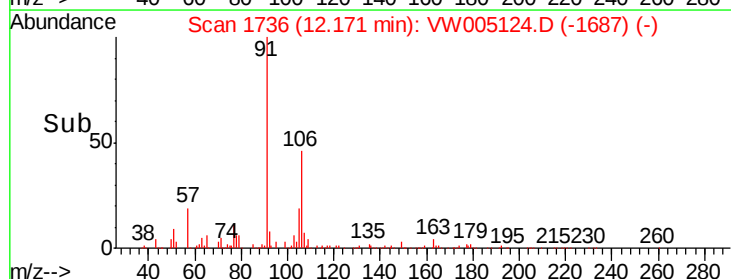
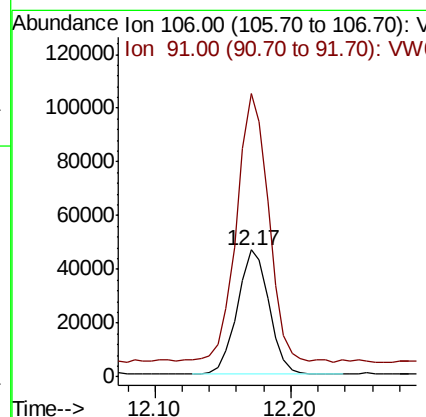
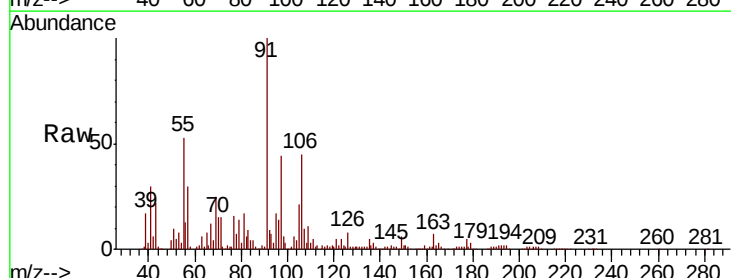
Instrument :
MSVOA_W
ClientSampled :
KG-SLUDGE-2

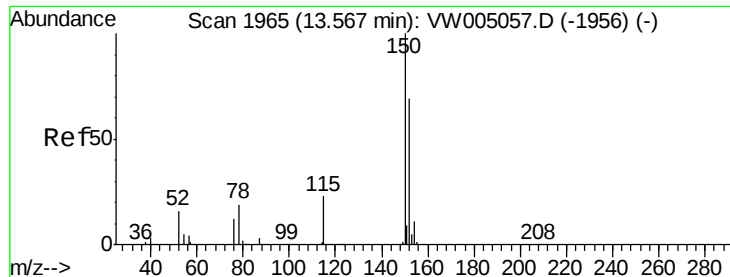
Tot Ion:106 Resp: 37049
Ion Ratio Lower Upper
106 100
91 200.4 158.4 237.6



#69
o-Xylene
Concen: 7.12 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005124.D
Acq: 05 Sep 2018 11:55

Tgt Ion:106 Resp: 74768
Ion Ratio Lower Upper
106 100
91 221.7 105.6 316.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW005124.D

Acq: 05 Sep 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

KG-SLUDGE-2

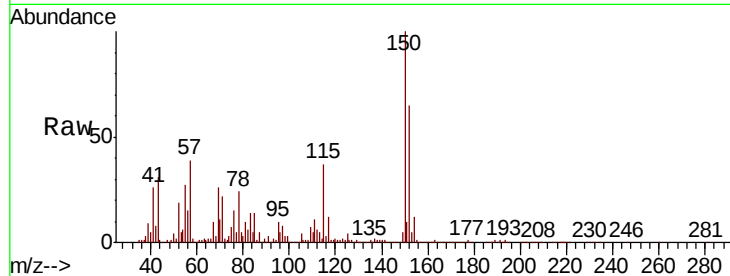
Tot Ion:152 Resp: 264133

Ion Ratio Lower Upper

152 100

115 61.6 27.8 83.4

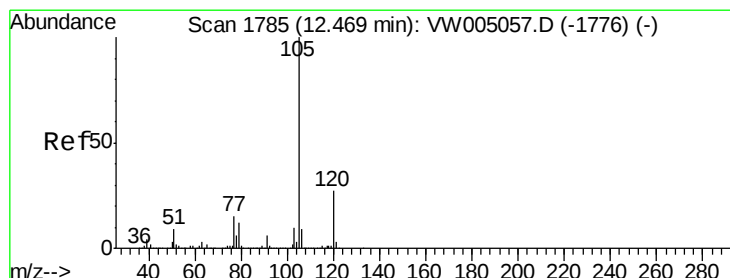
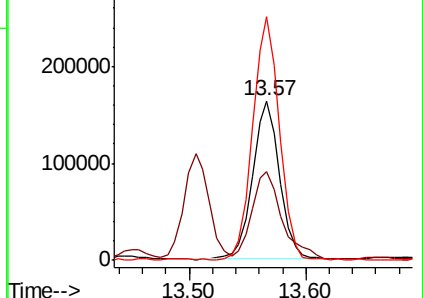
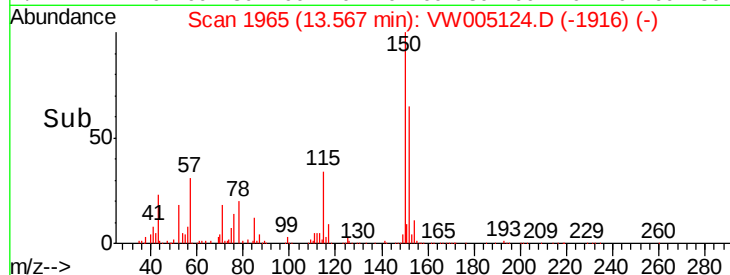
150 149.7 0.0 351.4



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



#73

Isopropylbenzene

Concen: 3.94 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005124.D

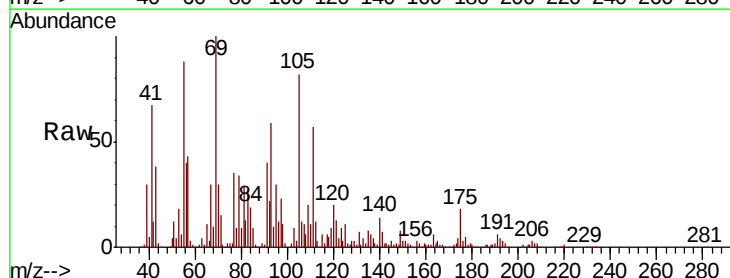
Acq: 05 Sep 2018 11:55

Tgt Ion:105 Resp: 73310

Ion Ratio Lower Upper

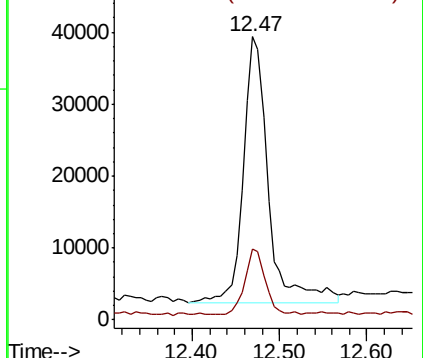
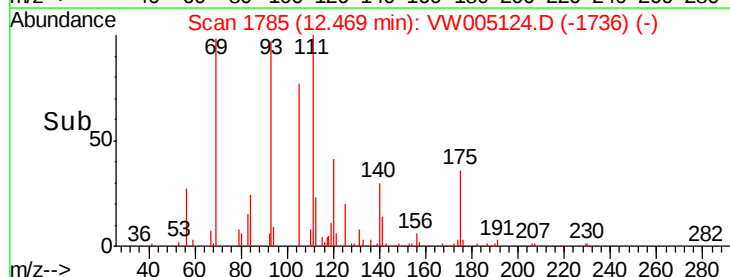
105 100

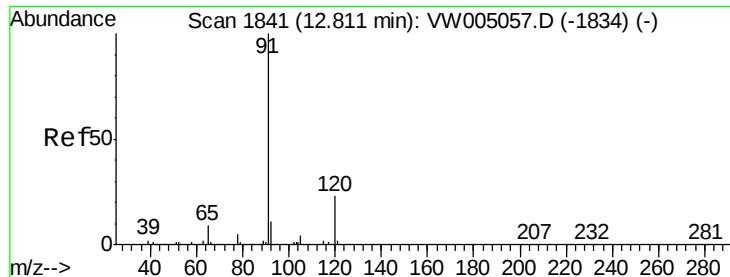
120 19.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 5.64 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005124.D

Acq: 05 Sep 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

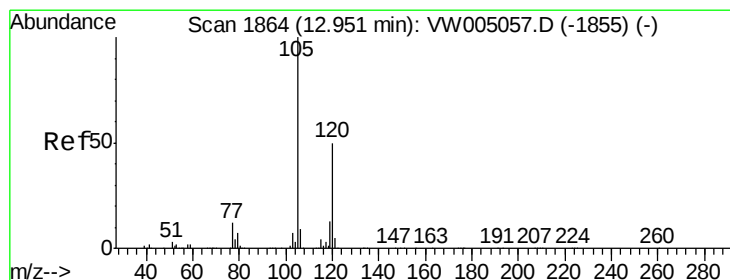
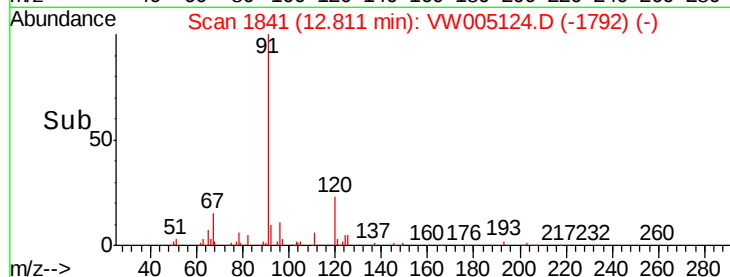
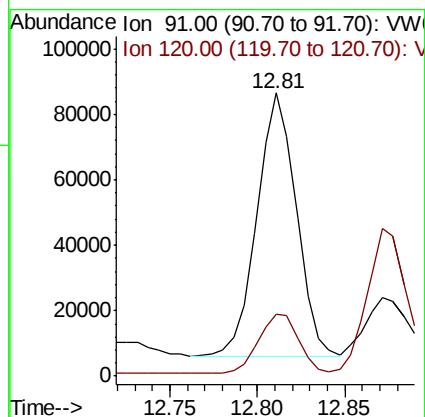
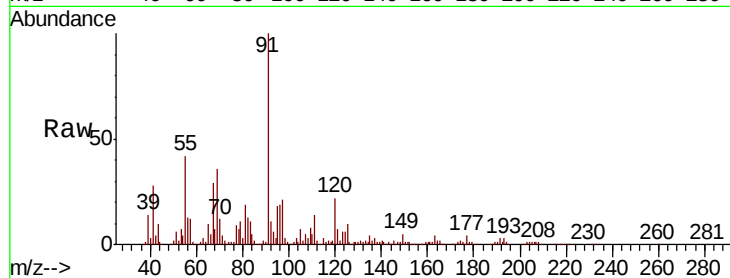
KG-SLUDGE-2

Tot Ion: 91 Resp: 126722

Ion Ratio Lower Upper

91 100

120 22.9 11.8 35.3



#80

1,3,5-Trimethylbenzene

Concen: 33.63 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005124.D

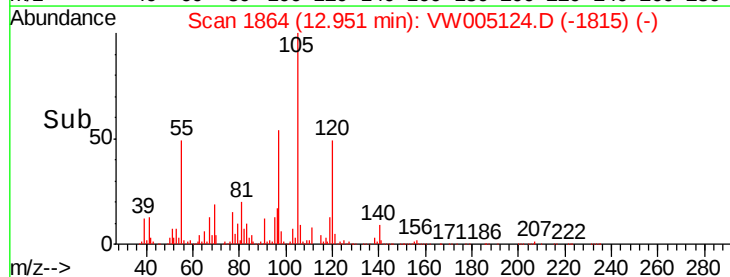
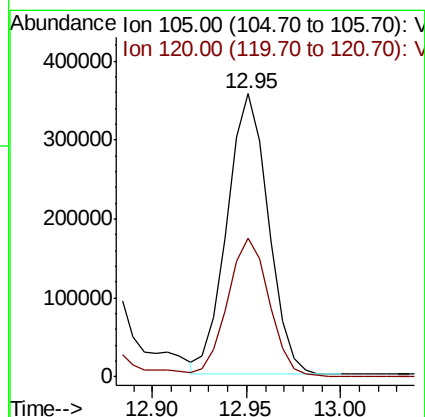
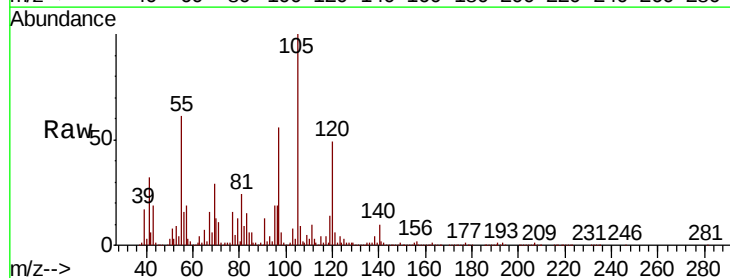
Acq: 05 Sep 2018 11:55

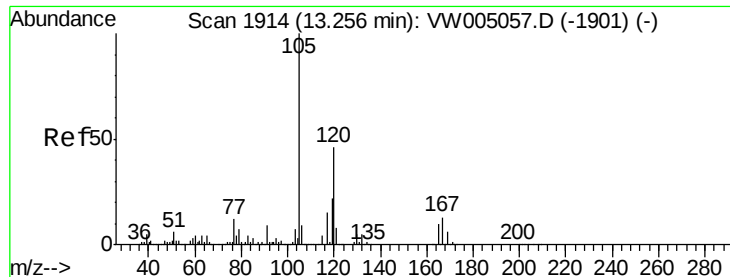
Tgt Ion:105 Resp: 541629

Ion Ratio Lower Upper

105 100

120 48.9 24.9 74.8

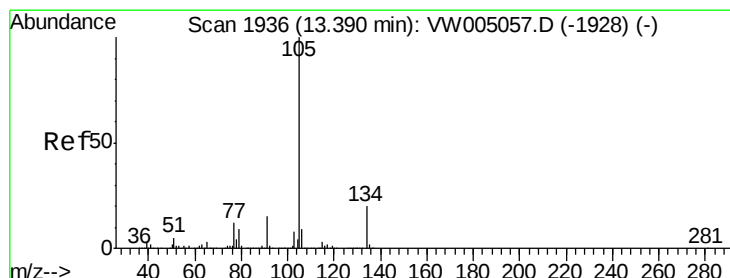
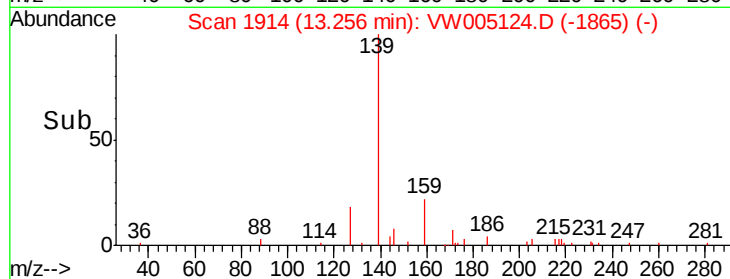
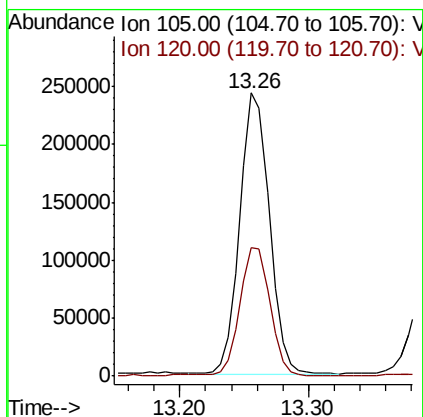
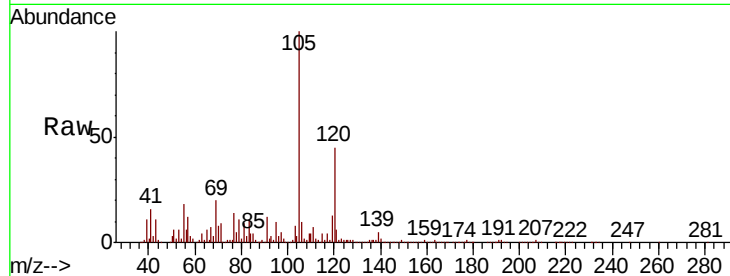




#84
 1,2,4-Trimethylbenzene
 Concen: 23.47 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005124.D
 Acq: 05 Sep 2018 11:55

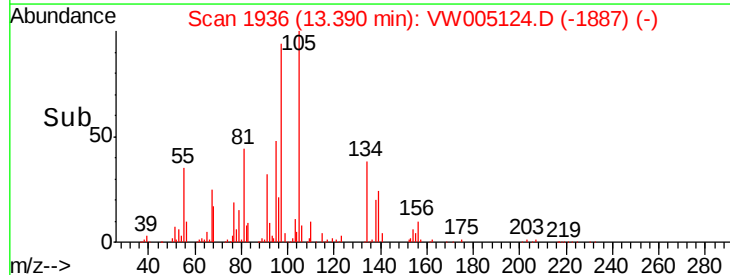
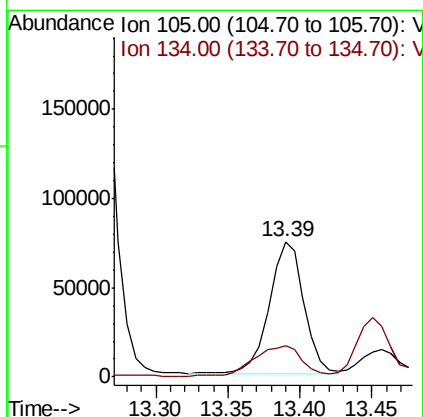
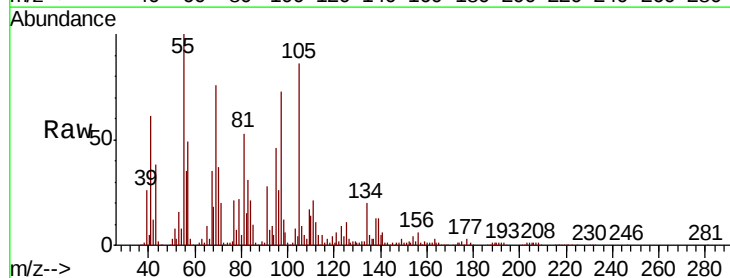
Instrument :
 MSVOA_W
 ClientSampled :
 KG-SLUDGE-2

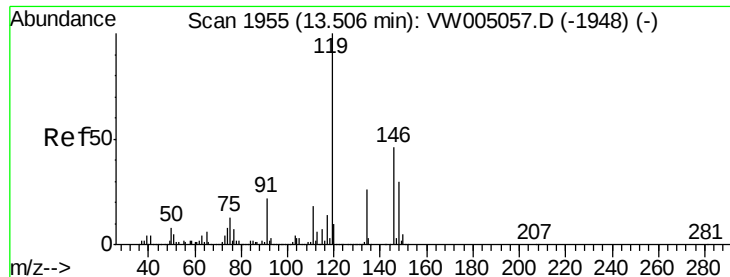
Tot Ion:105 Resp: 384957
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 6.21 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005124.D
 Acq: 05 Sep 2018 11:55

Tgt Ion:105 Resp: 122690
 Ion Ratio Lower Upper
 105 100
 134 31.0 10.1 30.3#

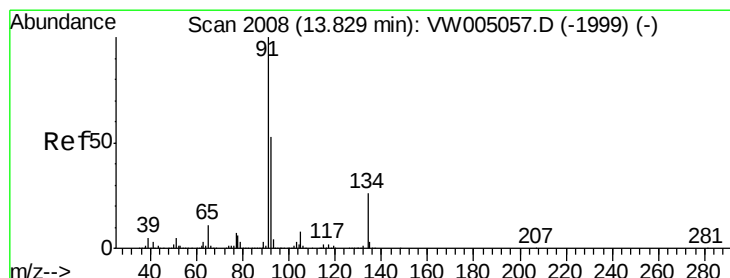
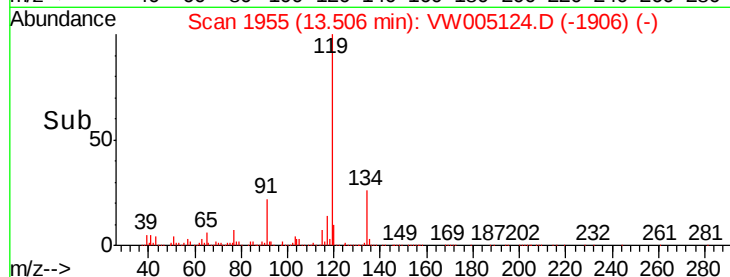
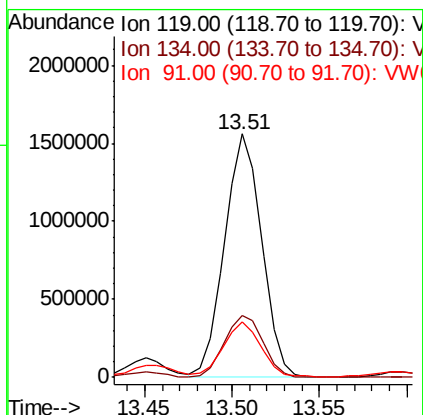
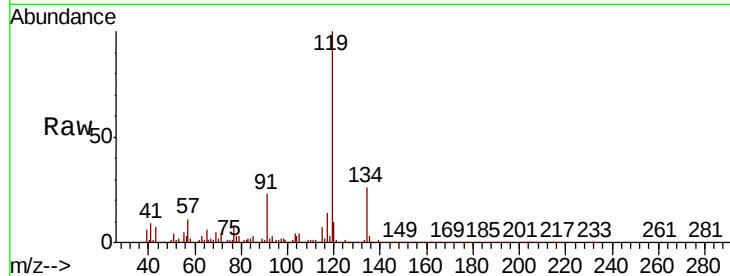




#86
 p-Isopropyltoluene
 Concen: 131.65 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005124.D
 Acq: 05 Sep 2018 11:55

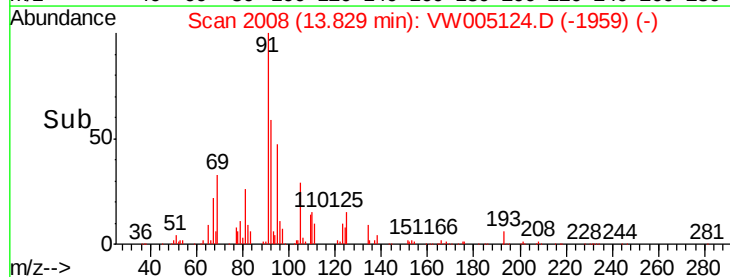
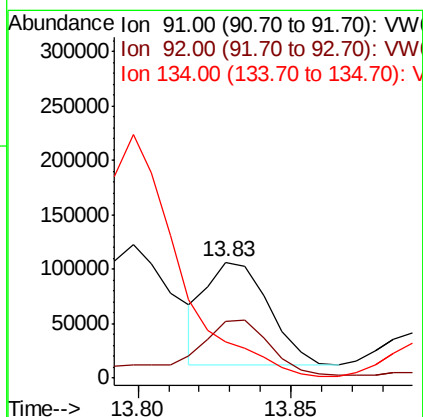
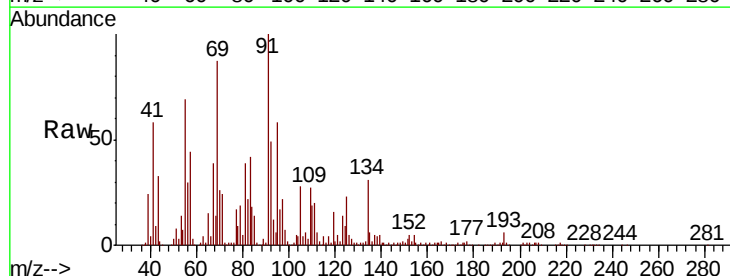
Instrument :
 MSVOA_W
 ClientSampleId :
 KG-SLUDGE-2

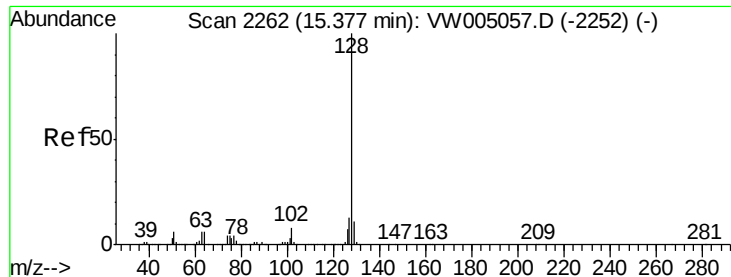
Tot Ion:119 Resp: 2303543
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.3 10.9 32.9



#89
 n-Butylbenzene
 Concen: 8.19 ug/l
 RT: 13.83 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VW005124.D
 Acq: 05 Sep 2018 11:55

Tgt Ion: 91 Resp: 132741
 Ion Ratio Lower Upper
 91 100
 92 71.3 26.5 79.5
 134 0.0 13.5 40.4#





#95
 Naphthalene
 Concen: 9.90 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW005124.D
 Acq: 05 Sep 2018 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 KG-SLUDGE-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#

