

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004354.D
 Acq On : 04 Sep 2018 18:26
 Operator : JC/MD
 Sample : J4726-01
 Misc : 5.92g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KG-SLUDGE-1

Quant Time: Sep 05 10:12:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	251073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	398522	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	392754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257975	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170821	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
35) Dibromofluoromethane	5.50	113	147509	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.71	98	582909	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	11.14	95	242048	57.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.94%	

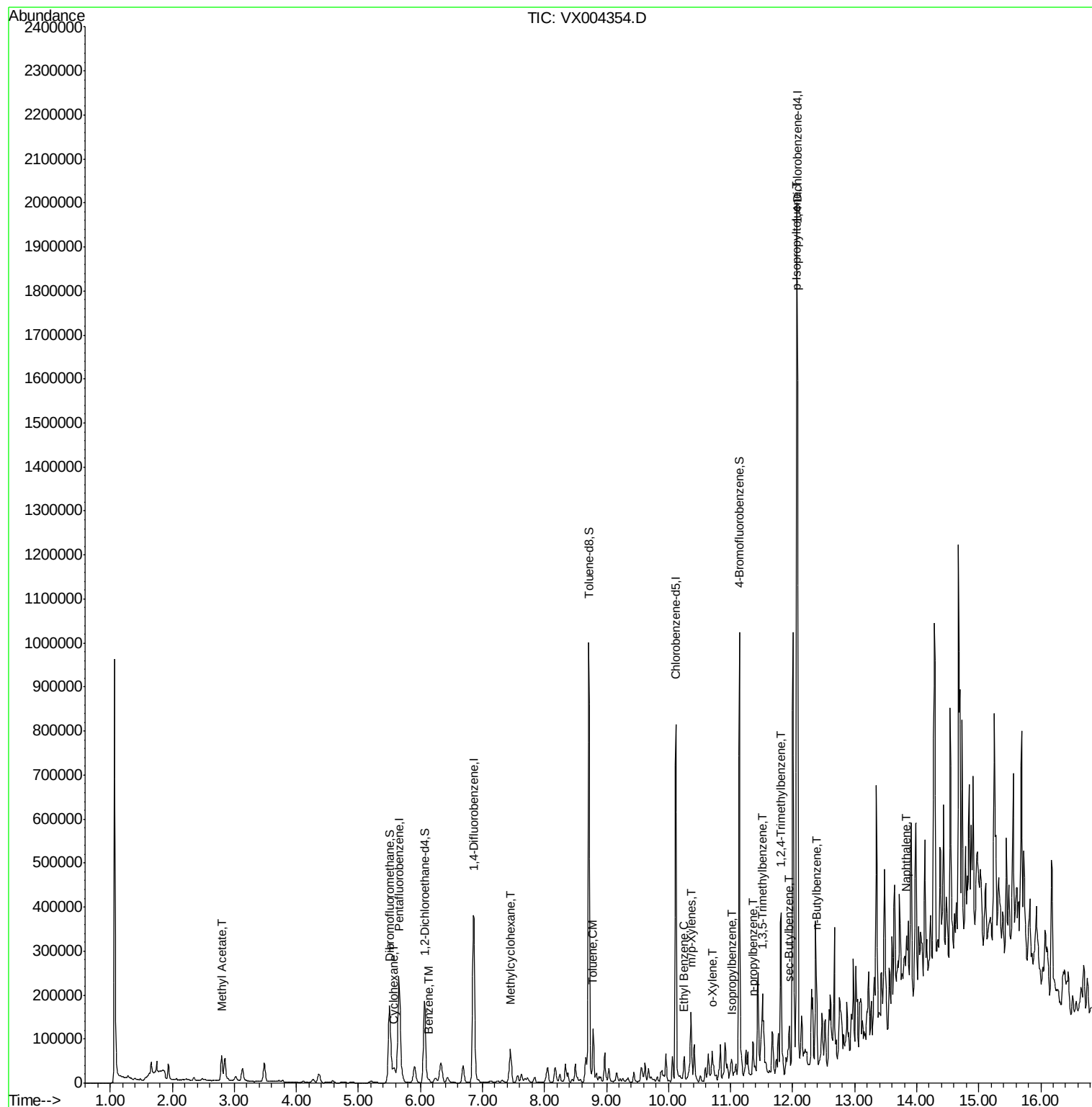
Target Compounds				Qvalue		
18) Methyl Acetate	2.79	43	66005	13.59	ug/l	94
31) Cyclohexane	5.56	56	17952	3.91	ug/l #	85
39) Methylcyclohexane	7.46	83	30624	5.99	ug/l	98
40) Benzene	6.13	78	8667	0.65	ug/l	97
52) Toluene	8.78	92	46059	5.50	ug/l	99
67) Ethyl Benzene	10.25	91	25909	1.62	ug/l	95
68) m/p-Xylenes	10.36	106	34335	5.49	ug/l	96
69) o-Xylene	10.70	106	13659	2.31	ug/l	99
73) Isopropylbenzene	11.02	105	17530	1.03	ug/l	100
78) n-propylbenzene	11.36	91	44183	2.27	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	53925	3.84	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	147080	10.21	ug/l	98
85) sec-Butylbenzene	11.95	105	21391	1.28	ug/l #	73
86) p-Isopropyltoluene	12.07	119	763601	50.84	ug/l	99
89) n-Butylbenzene	12.39	91	48746	3.99	ug/l #	43
95) Naphthalene	13.83	128	97367	5.79	ug/l #	93

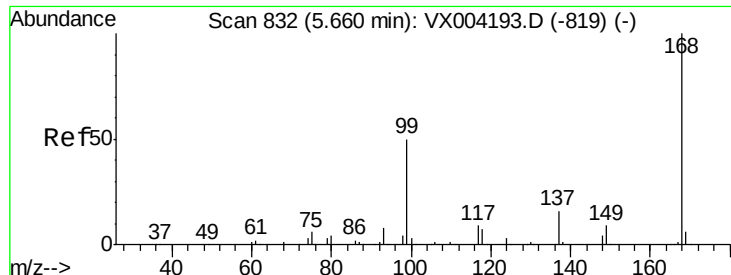
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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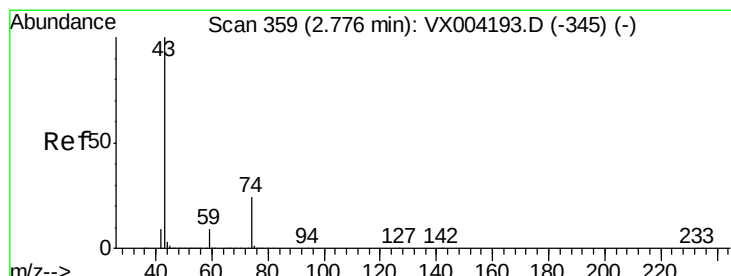
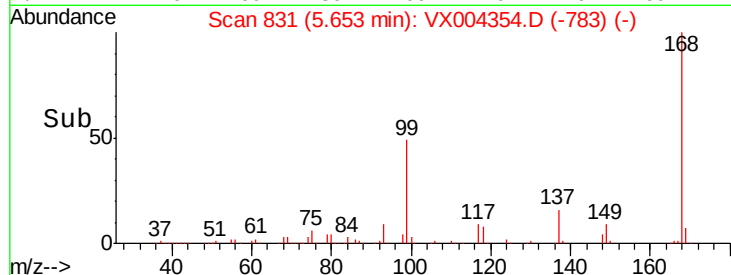
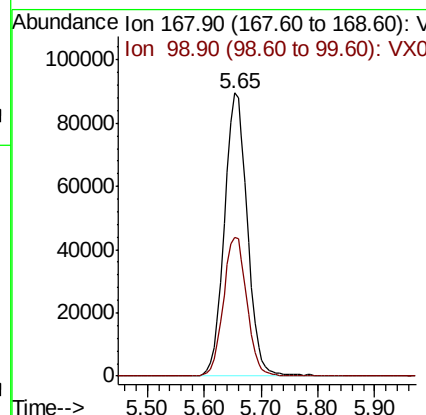
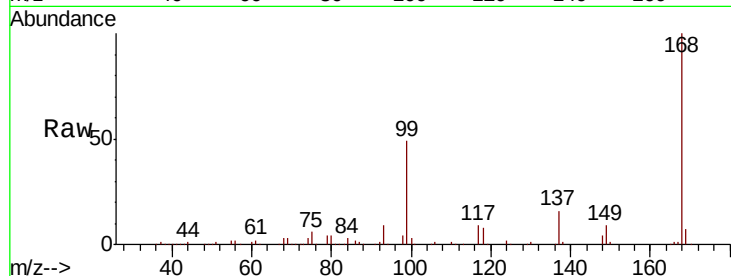




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.65 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX004354.D
Acq: 04 Sep 2018 18:26

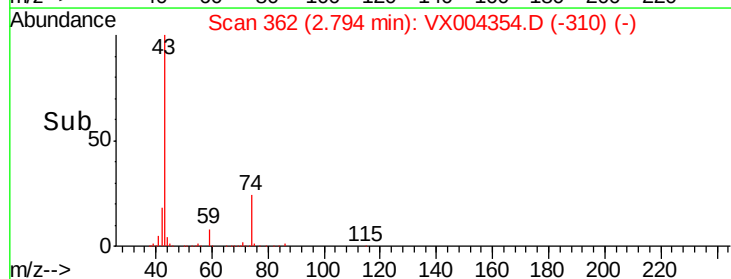
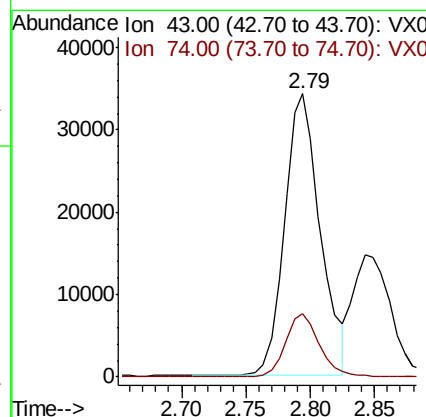
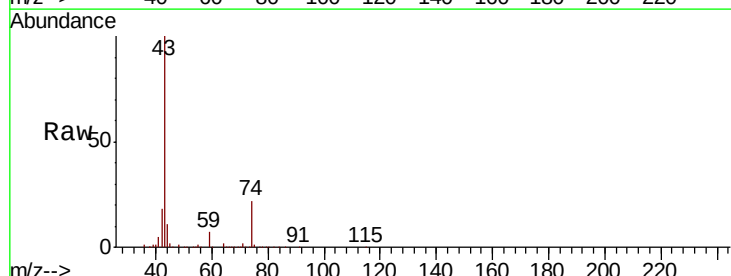
Instrument :
MSVOA_X
ClientSampled :
KG-SLUDGE-1

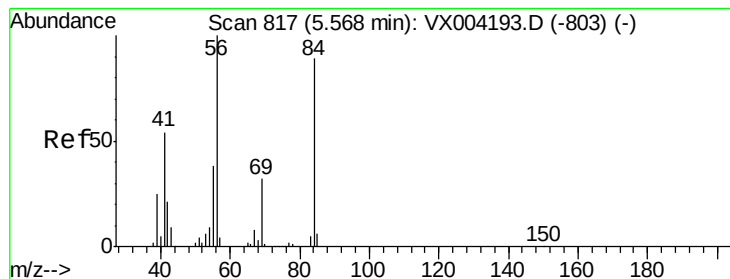
Tot Ion:168 Resp: 251073
Ion Ratio Lower Upper
168 100
99 48.9 39.9 59.9



#18
Methyl Acetate
Concen: 13.59 ug/l
RT: 2.79 min Scan# 362
Delta R.T. 0.02 min
Lab File: VX004354.D
Acq: 04 Sep 2018 18:26

Tgt Ion: 43 Resp: 66005
Ion Ratio Lower Upper
43 100
74 21.4 19.4 29.2





#31

Cyclohexane

Concen: 3.91 ug/l

RT: 5.56 min Scan# 815

Delta R.T. -0.01 min

Lab File: VX004354.D

Acq: 04 Sep 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

KG-SLUDGE-1

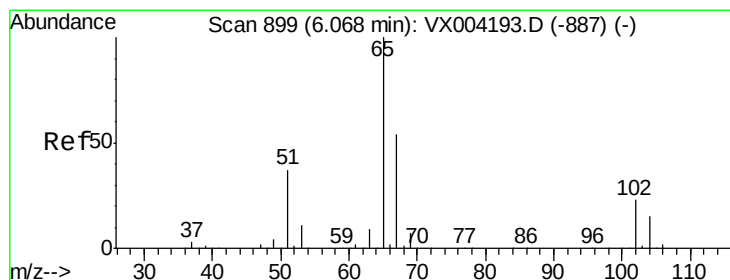
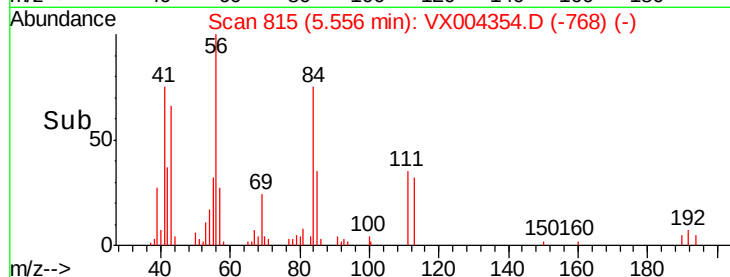
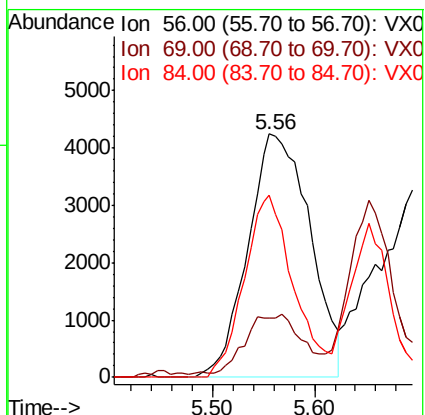
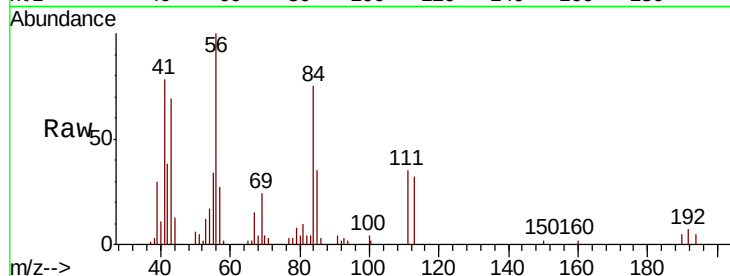
Tot Ion: 56 Resp: 17952

Ion Ratio Lower Upper

56 100

69 23.2 25.4 38.2#

84 75.1 71.4 107.2



#33

1,2-Dichloroethane-d4

Concen: 52.20 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004354.D

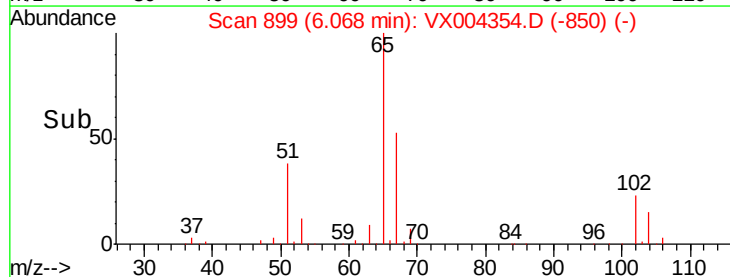
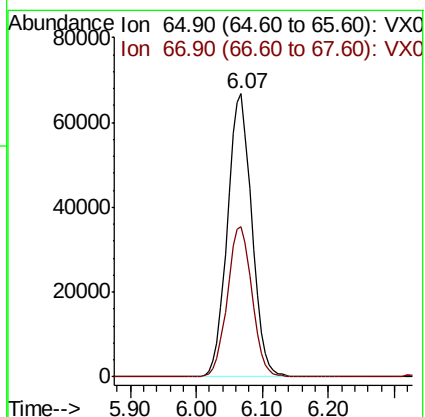
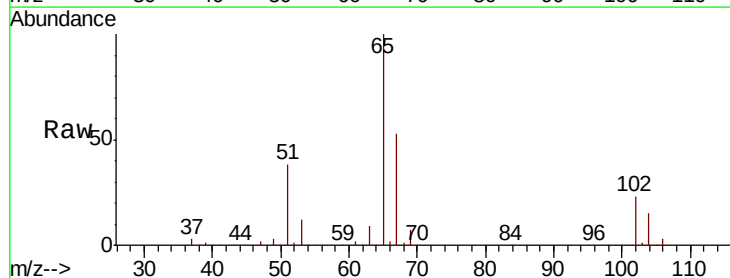
Acq: 04 Sep 2018 18:26

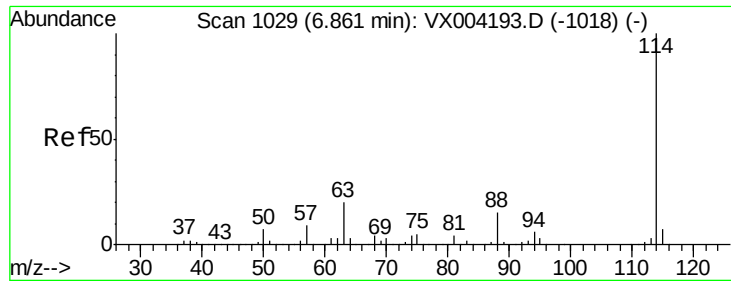
Tgt Ion: 65 Resp: 170821

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004354.D

Acq: 04 Sep 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

KG-SLUDGE-1

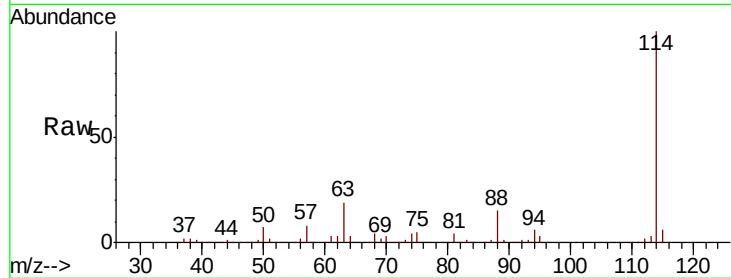
Tot Ion:114 Resp: 398522

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.0

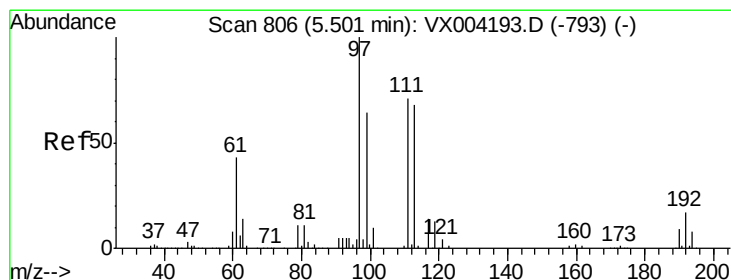
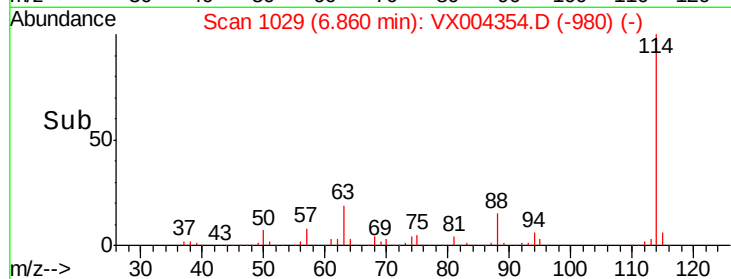
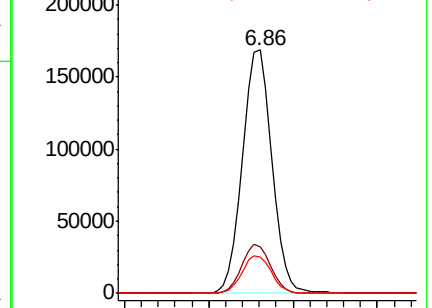
88 15.1 0.0 30.4



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: 49.75 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004354.D

Acq: 04 Sep 2018 18:26

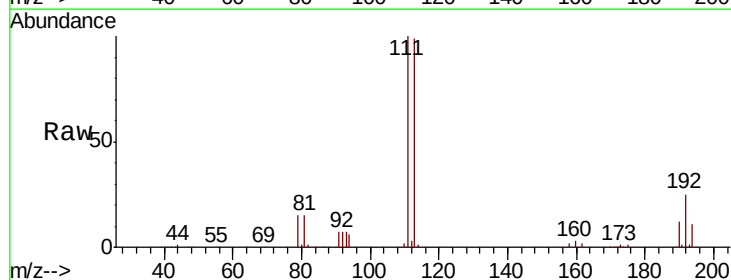
Tgt Ion:113 Resp: 147509

Ion Ratio Lower Upper

113 100

111 101.0 82.4 123.6

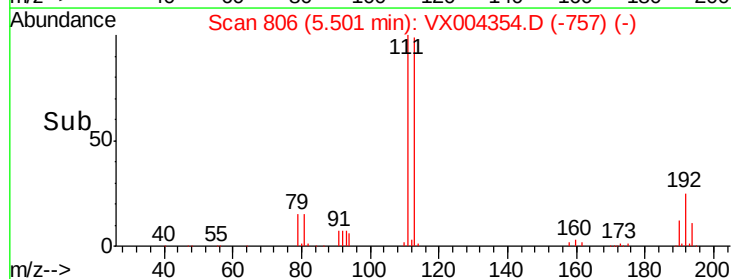
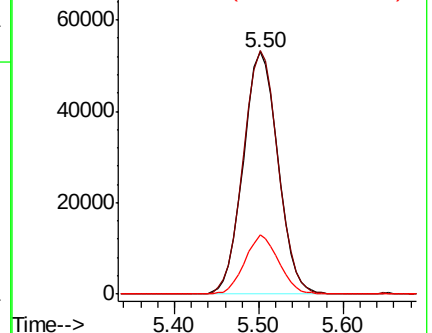
192 23.8 19.4 29.2

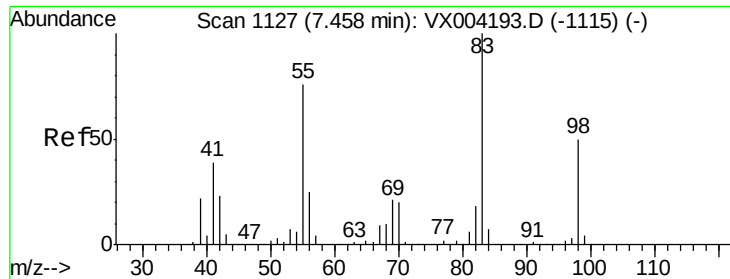


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

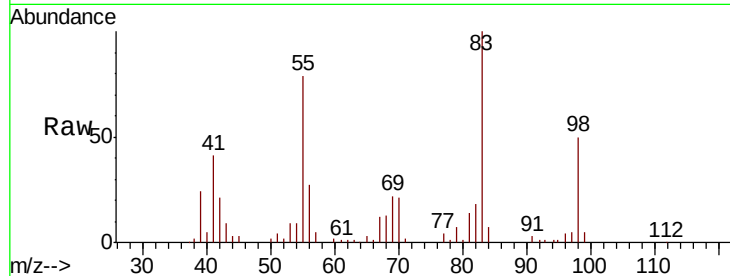




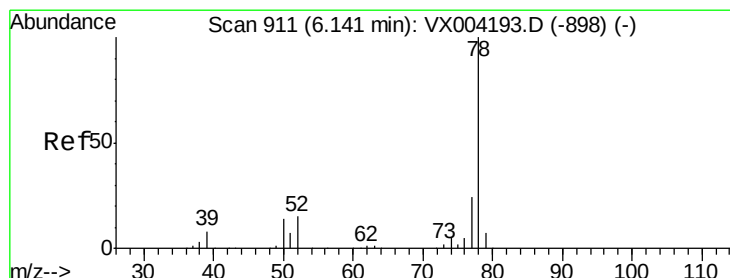
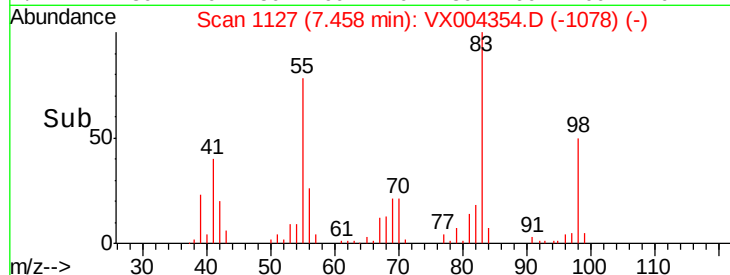
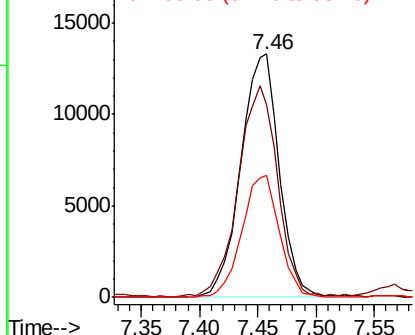
#39
Methylvlcyclohexane
Concen: 5.99 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004354.D
Acq: 04 Sep 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
KG-SLUDGE-1

Tot Ion: 83 Resp: 30624
Ion Ratio Lower Upper
83 100
55 78.3 61.0 91.4
98 50.0 39.6 59.4

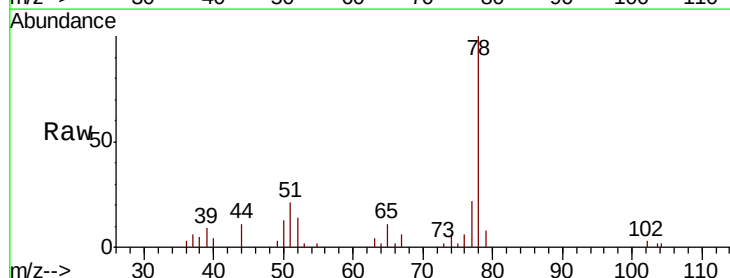


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

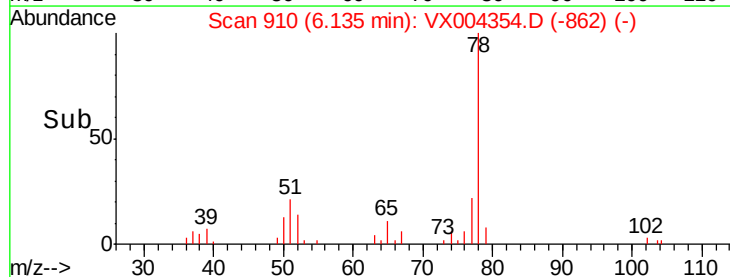
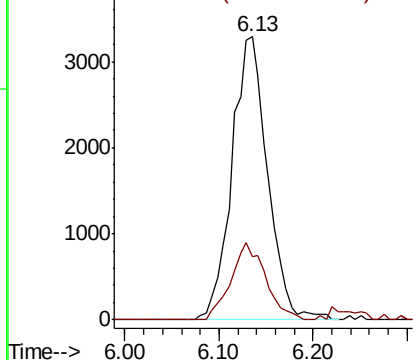


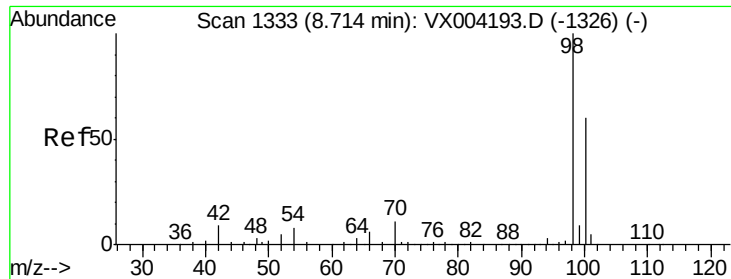
#40
Benzene
Concen: 0.65 ug/l
RT: 6.13 min Scan# 910
Delta R.T. -0.01 min
Lab File: VX004354.D
Acq: 04 Sep 2018 18:26

Tgt Ion: 78 Resp: 8667
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

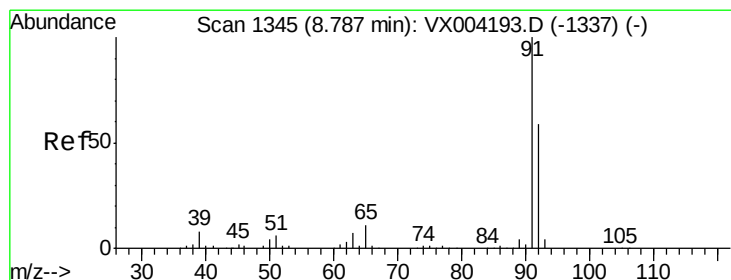
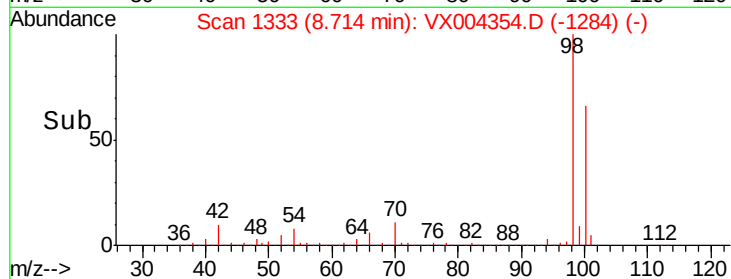
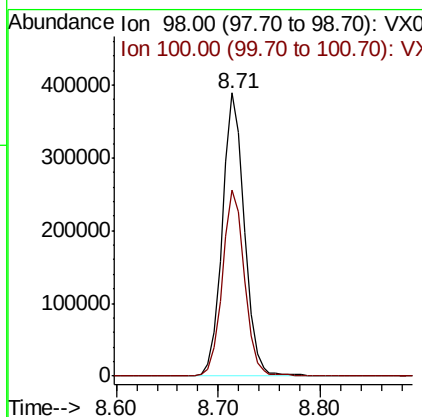
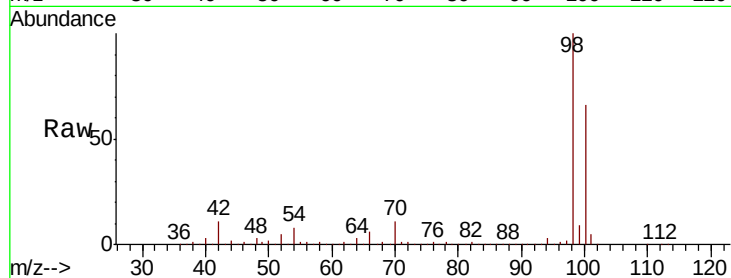




#50
Toluene-d8
Concen: 52.09 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004354.D
Acq: 04 Sep 2018 18:26

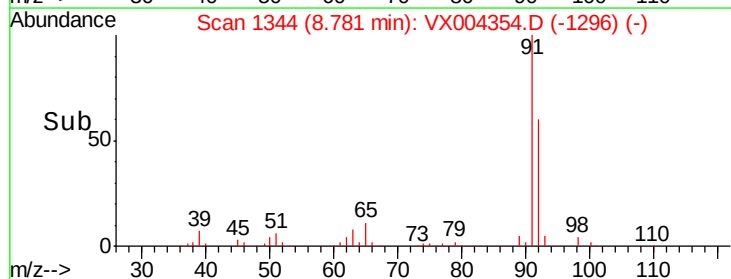
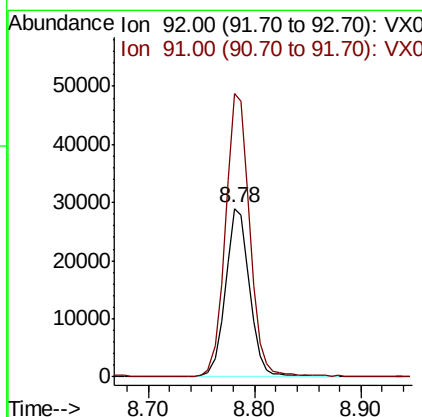
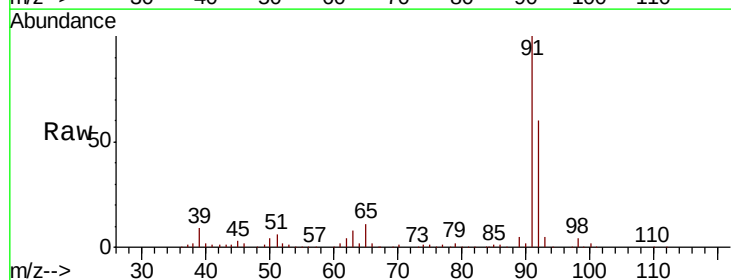
Instrument :
MSVOA_X
ClientSampleId :
KG-SLUDGE-1

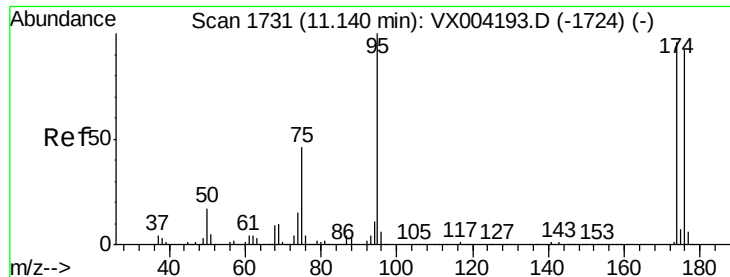
Tot Ion: 98 Resp: 582909
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3



#52
Toluene
Concen: 5.50 ug/l
RT: 8.78 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VX004354.D
Acq: 04 Sep 2018 18:26

Tgt Ion: 92 Resp: 46059
Ion Ratio Lower Upper
92 100
91 169.4 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 57.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004354.D

Acq: 04 Sep 2018 18:26

Instrument :

MSVOA_X

ClientSampled :

KG-SLUDGE-1

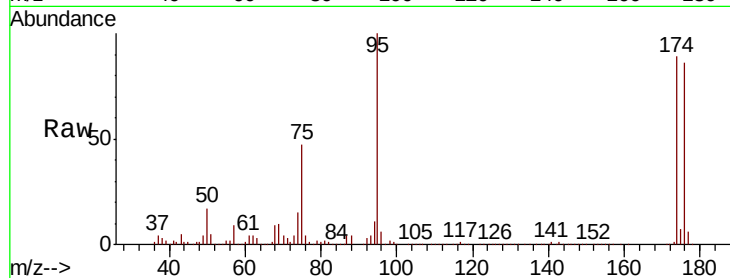
Tot Ion: 95 Resp: 242048

Ion Ratio Lower Upper

95 100

174 90.5 0.0 185.2

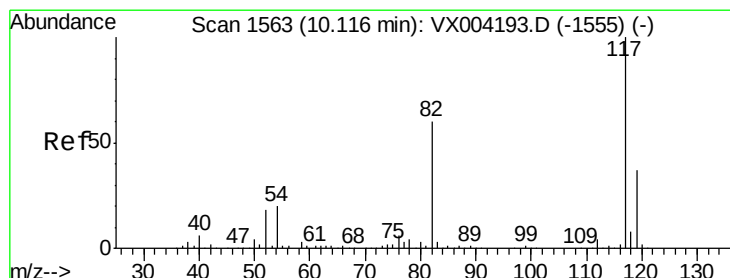
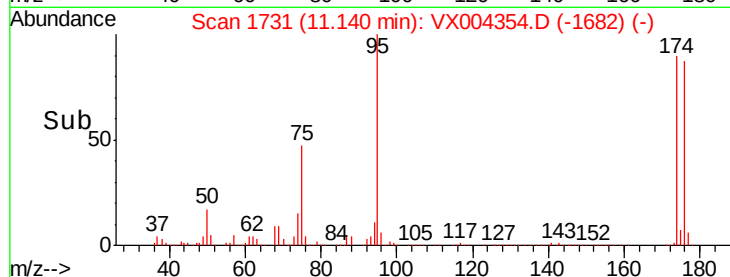
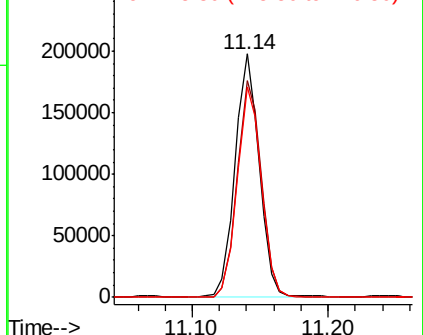
176 87.5 0.0 178.6



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004354.D

Acq: 04 Sep 2018 18:26

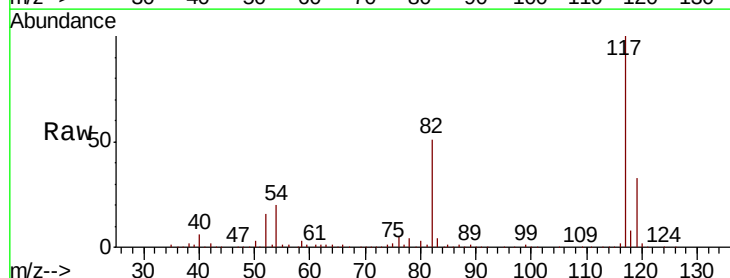
Tgt Ion: 117 Resp: 392754

Ion Ratio Lower Upper

117 100

82 51.1 47.8 71.6

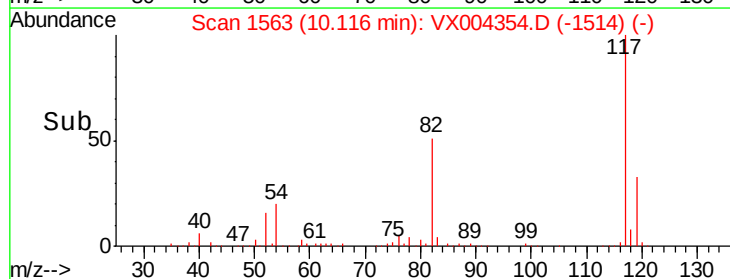
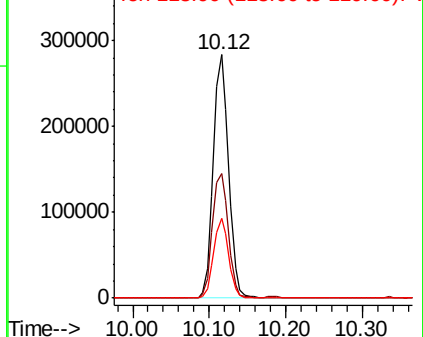
119 32.5 29.3 43.9

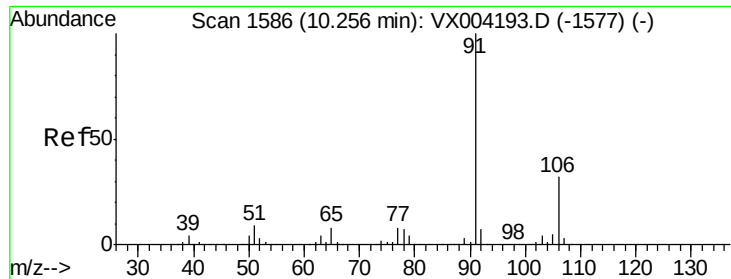


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

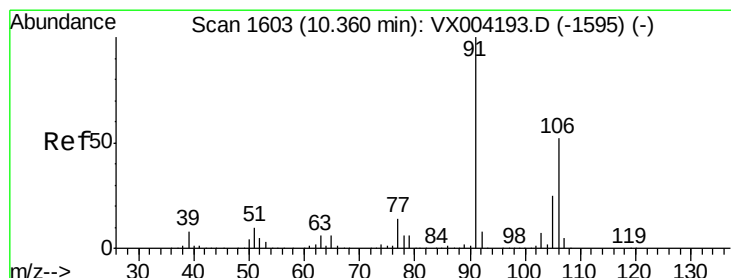
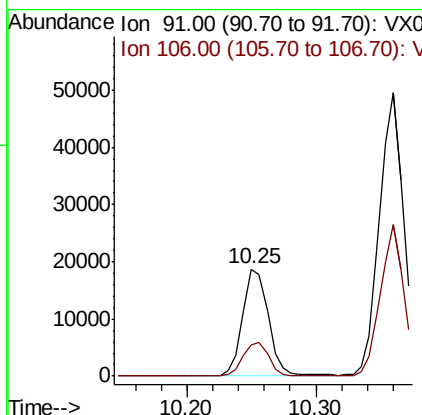
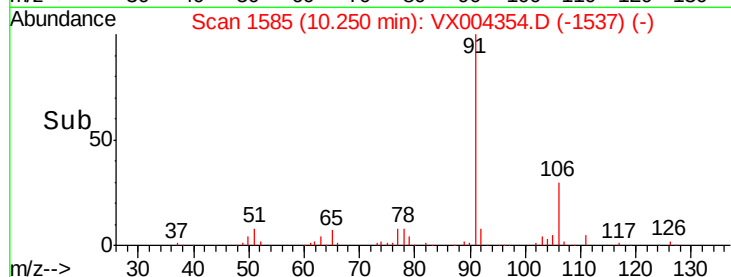
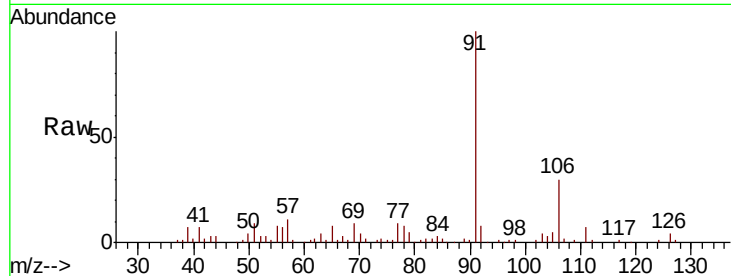




#67
Ethyl Benzene
Concen: 1.62 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004354.D
Acq: 04 Sep 2018 18:26

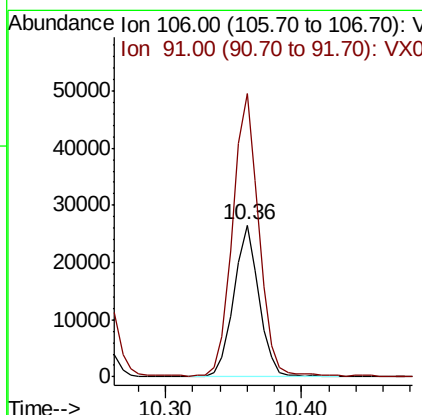
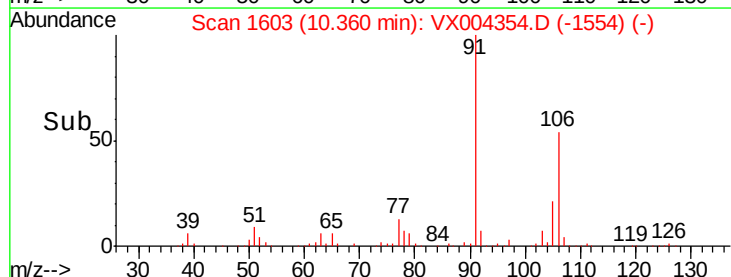
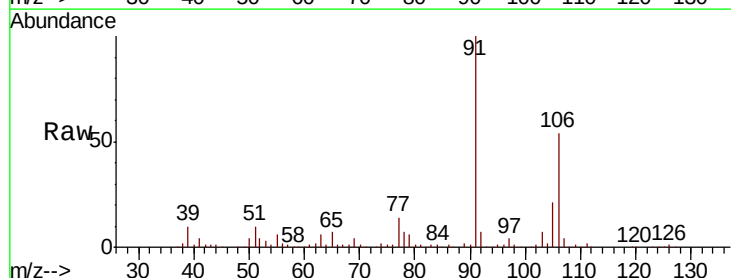
Instrument :
MSVOA_X
ClientSampled :
KG-SLUDGE-1

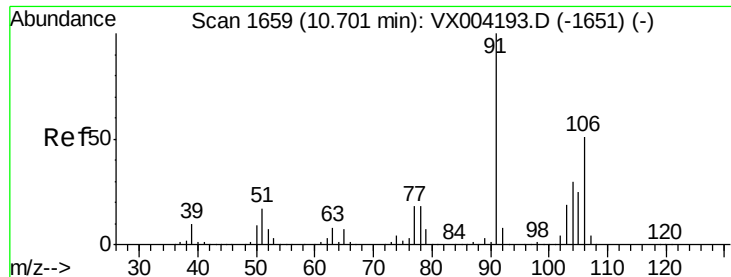
Tot Ion: 91 Resp: 25909
Ion Ratio Lower Upper
91 100
106 29.6 25.9 38.9



#68
m/p-Xylenes
Concen: 5.49 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004354.D
Acq: 04 Sep 2018 18:26

Tgt Ion:106 Resp: 34335
Ion Ratio Lower Upper
106 100
91 190.4 157.1 235.7

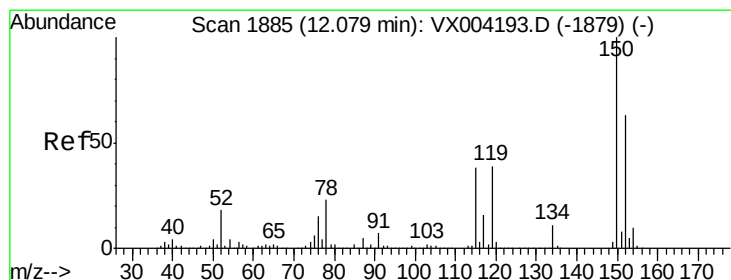
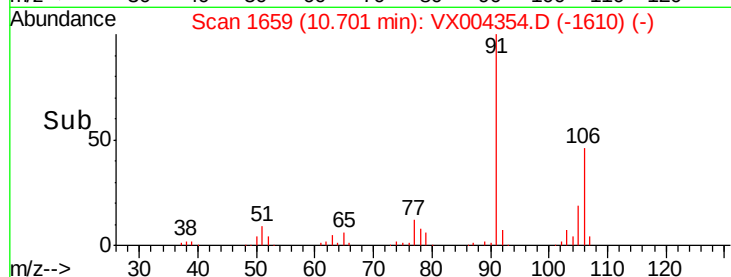
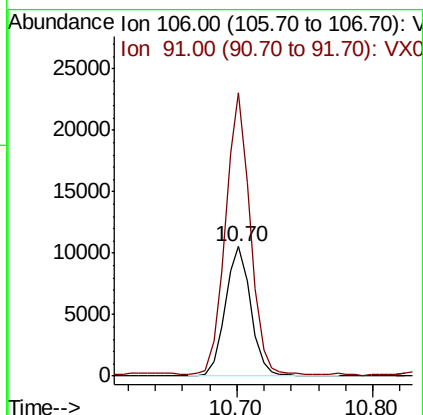
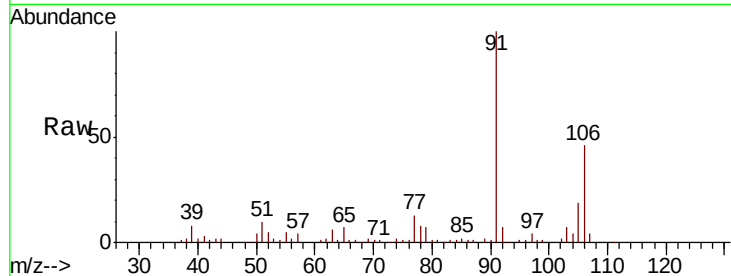




#69
o-Xylene
Concen: 2.31 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004354.D
Acq: 04 Sep 2018 18:26

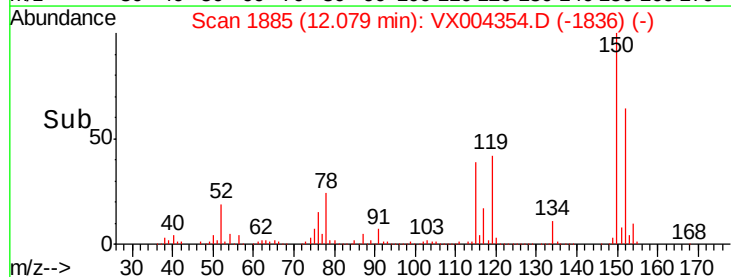
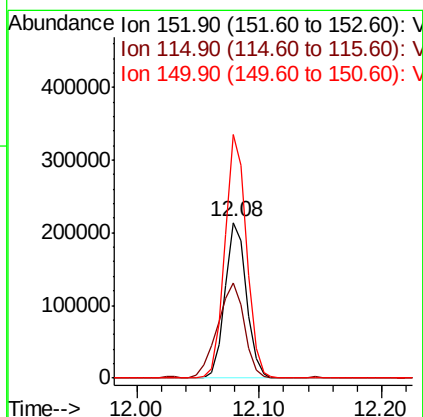
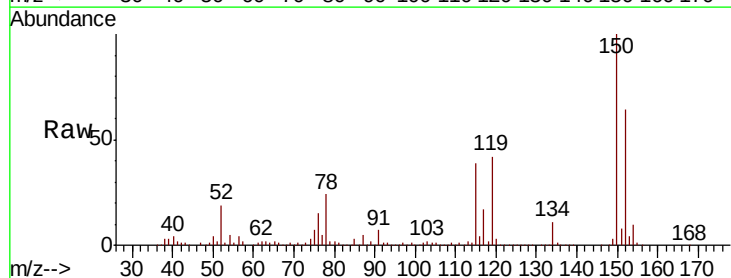
Instrument :
MSVOA_X
ClientSampled :
KG-SLUDGE-1

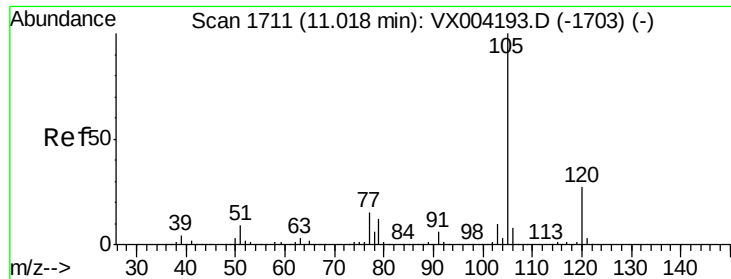
Tot Ion:106 Resp: 13659
Ion Ratio Lower Upper
106 100
91 212.1 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004354.D
Acq: 04 Sep 2018 18:26

Tgt Ion:152 Resp: 257975
Ion Ratio Lower Upper
152 100
115 76.8 39.0 117.0
150 157.9 0.0 351.0





#73

Isopropylbenzene

Concen: 1.03 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004354.D

Acq: 04 Sep 2018 18:26

Instrument :

MSVOA_X

ClientSampled :

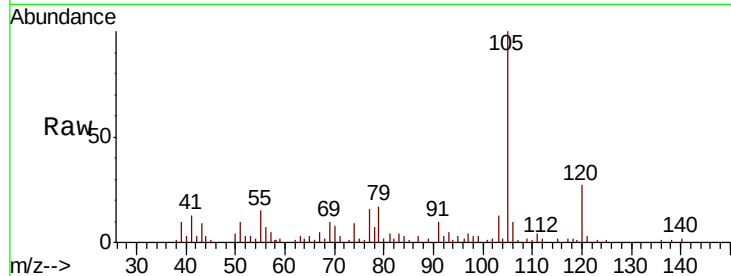
KG-SLUDGE-1

Tot Ion:105 Resp: 17530

Ion Ratio Lower Upper

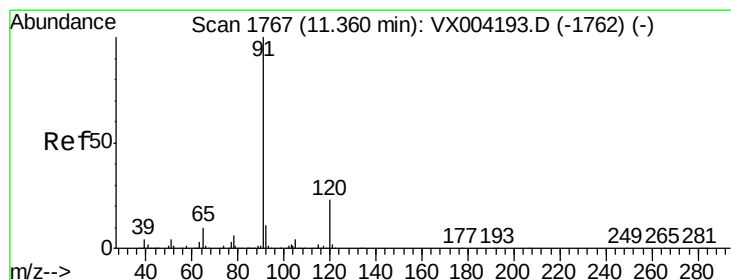
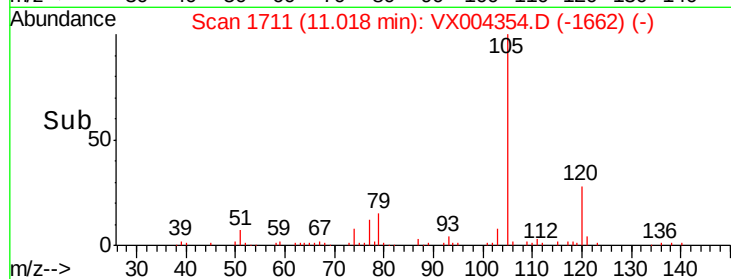
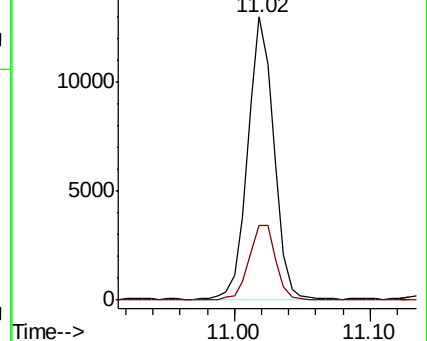
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 2.27 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004354.D

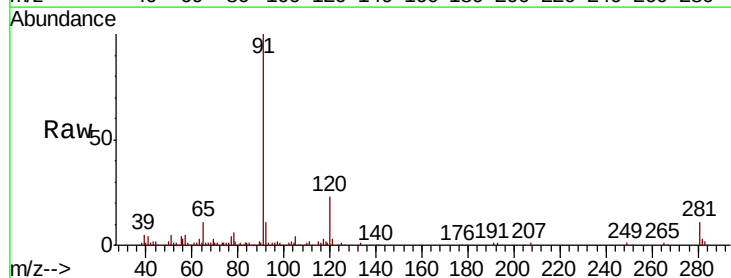
Acq: 04 Sep 2018 18:26

Tgt Ion: 91 Resp: 44183

Ion Ratio Lower Upper

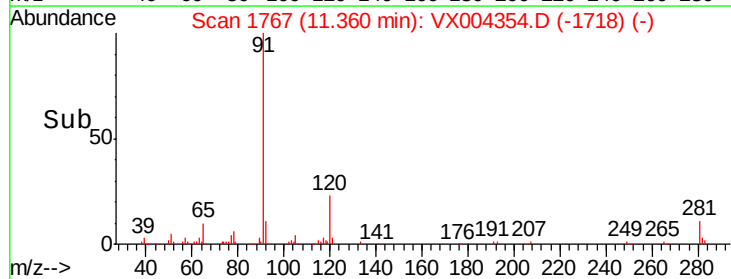
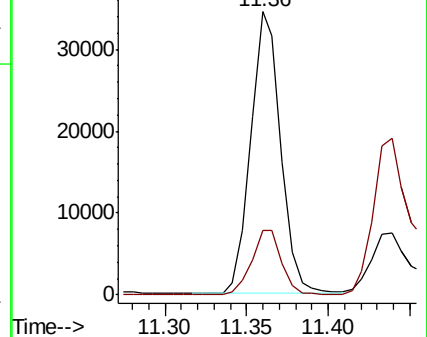
91 100

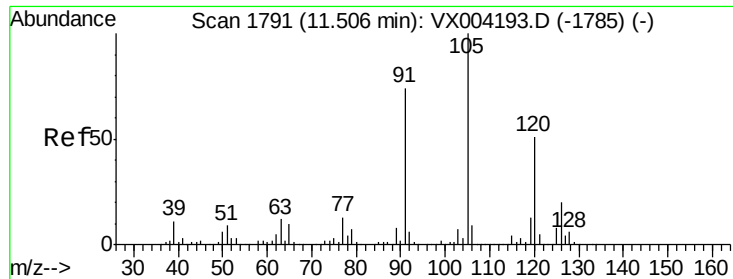
120 23.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

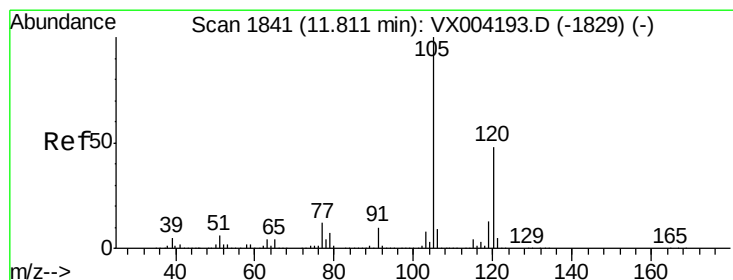
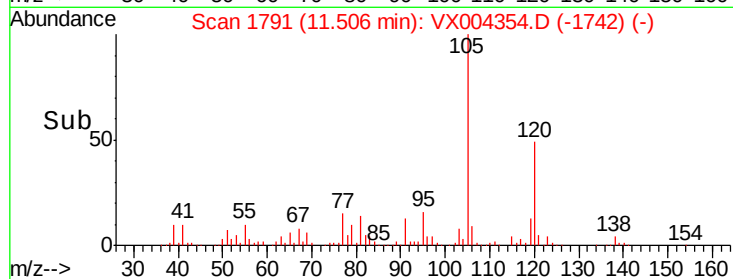
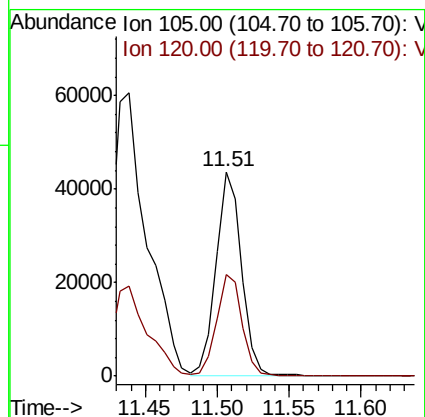
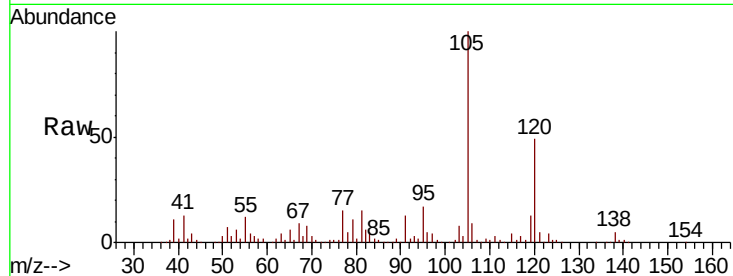




#80
 1,3,5-Trimethylbenzene
 Concen: 3.84 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004354.D
 Acq: 04 Sep 2018 18:26

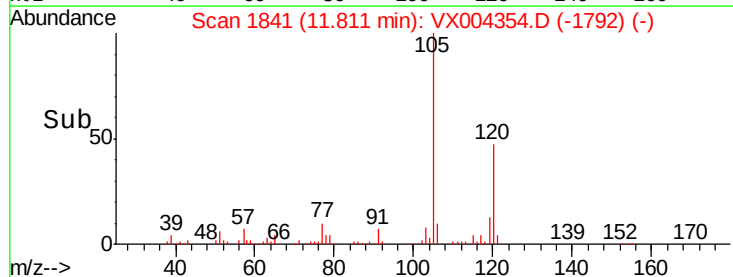
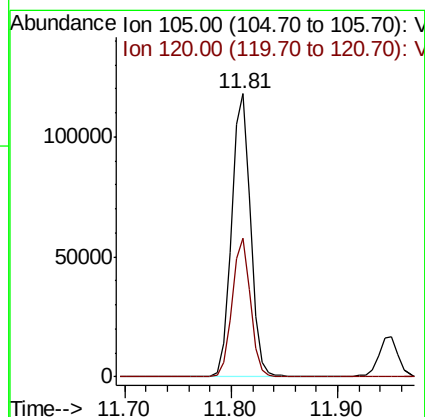
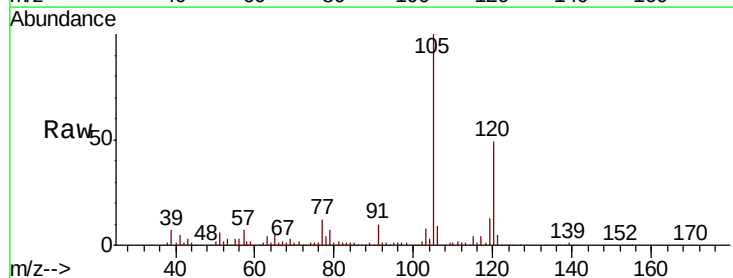
Instrument :
 MSVOA_X
 ClientSampled :
 KG-SLUDGE-1

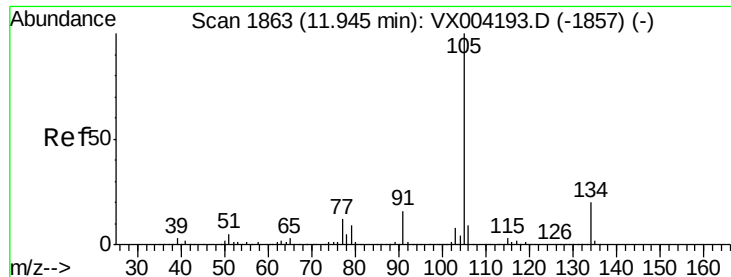
Tot Ion:105 Resp: 53925
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 10.21 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004354.D
 Acq: 04 Sep 2018 18:26

Tgt Ion:105 Resp: 147080
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 1.28 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VX004354.D

Acq: 04 Sep 2018 18:26

Instrument :

MSVOA_X

ClientSampled :

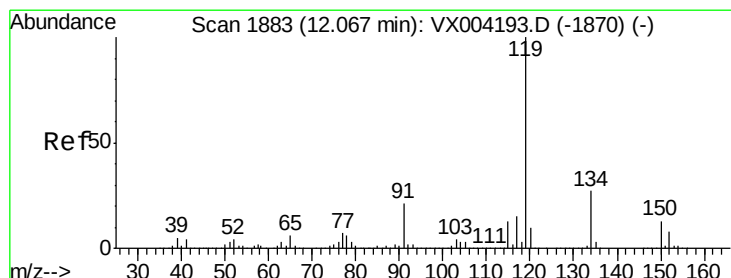
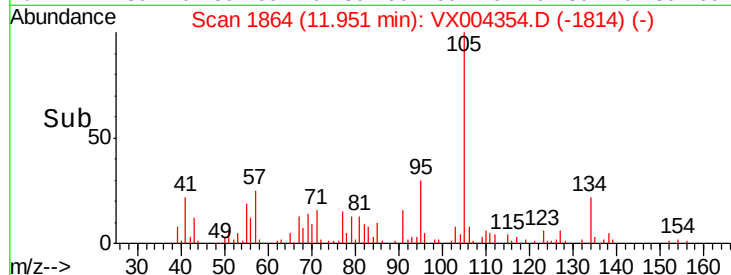
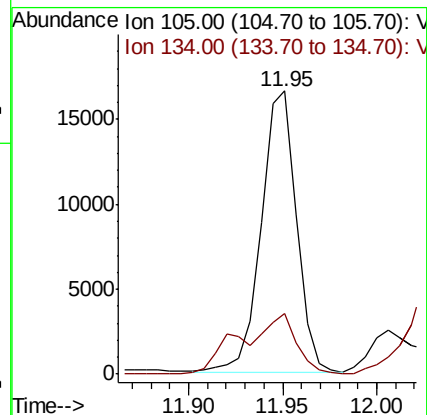
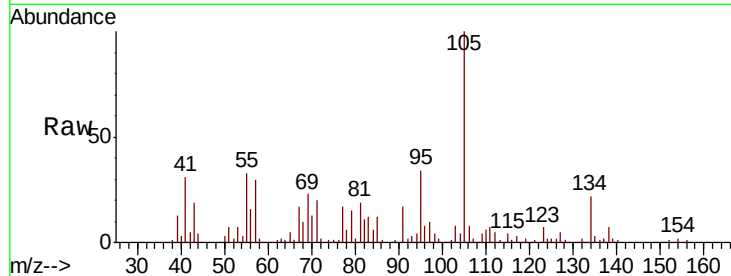
KG-SLUDGE-1

Tot Ion:105 Resp: 21391

Ion Ratio Lower Upper

105 100

134 33.9 10.5 31.5#



#86

p-Isopropyltoluene

Concen: 50.84 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004354.D

Acq: 04 Sep 2018 18:26

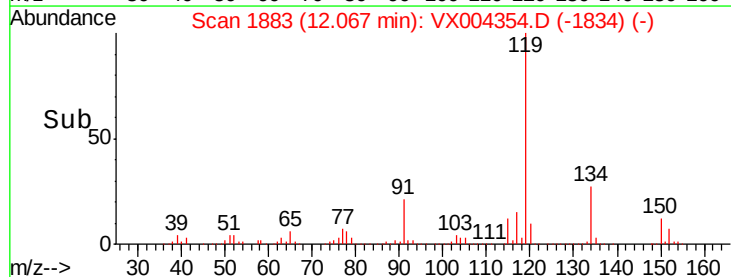
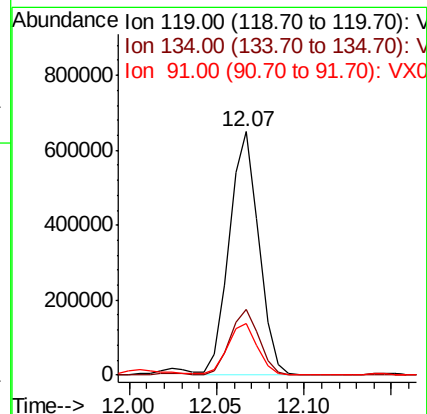
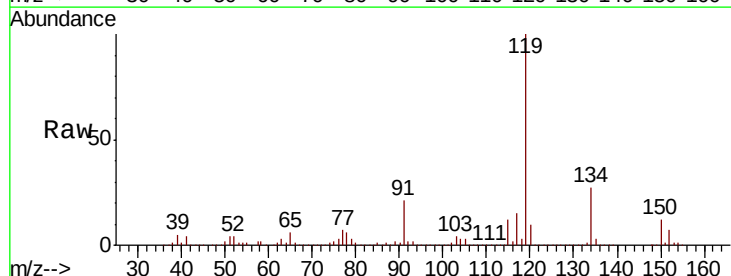
Tgt Ion:119 Resp: 763601

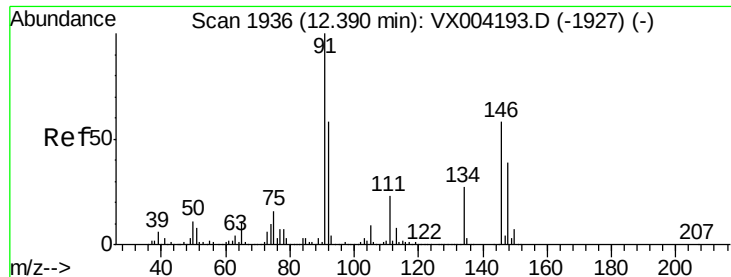
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 21.5 10.9 32.7

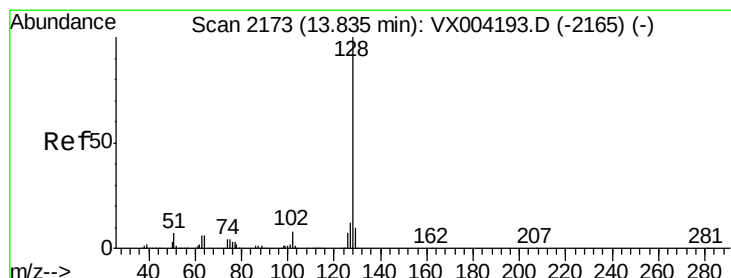
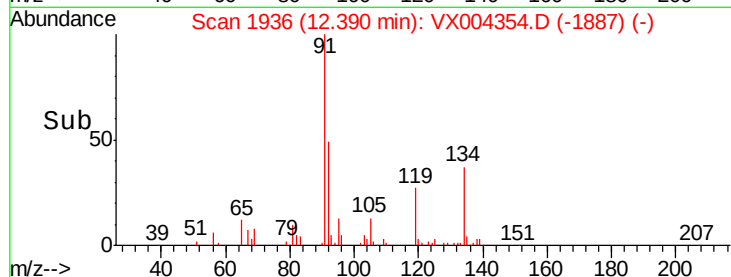
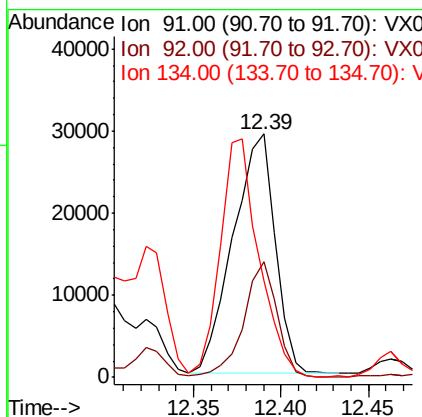
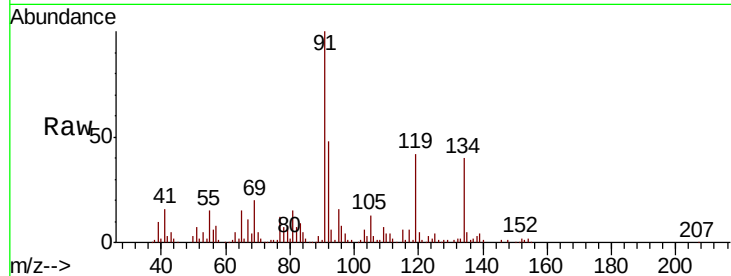




#89
n-Butylbenzene
Concen: 3.99 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004354.D
Acq: 04 Sep 2018 18:26

Instrument :
MSVOA_X
ClientSampled :
KG-SLUDGE-1

Tot Ion: 91 Resp: 48746
Ion Ratio Lower Upper
91 100
92 37.8 27.3 81.9
134 91.2 13.6 40.7#



#95
Naphthalene
Concen: 5.79 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004354.D
Acq: 04 Sep 2018 18:26

Tgt Ion: 128 Resp: 97367
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 15.5 8.6 12.8#

