

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004355.D
 Acq On : 04 Sep 2018 18:53
 Operator : JC/MD
 Sample : J4726-03
 Misc : 6.25g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KG-SLUDGE-2

Quant Time: Sep 05 07:57:39 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	257368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	411225	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	422890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	283610	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	179895	53.63	ug/l	0.00
Spiked Amount			Recovery	=	107.26%	
35) Dibromofluoromethane	5.50	113	151244	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
50) Toluene-d8	8.71	98	599147	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	11.14	95	261474	60.69	ug/l	0.00
Spiked Amount			Recovery	=	121.38%	

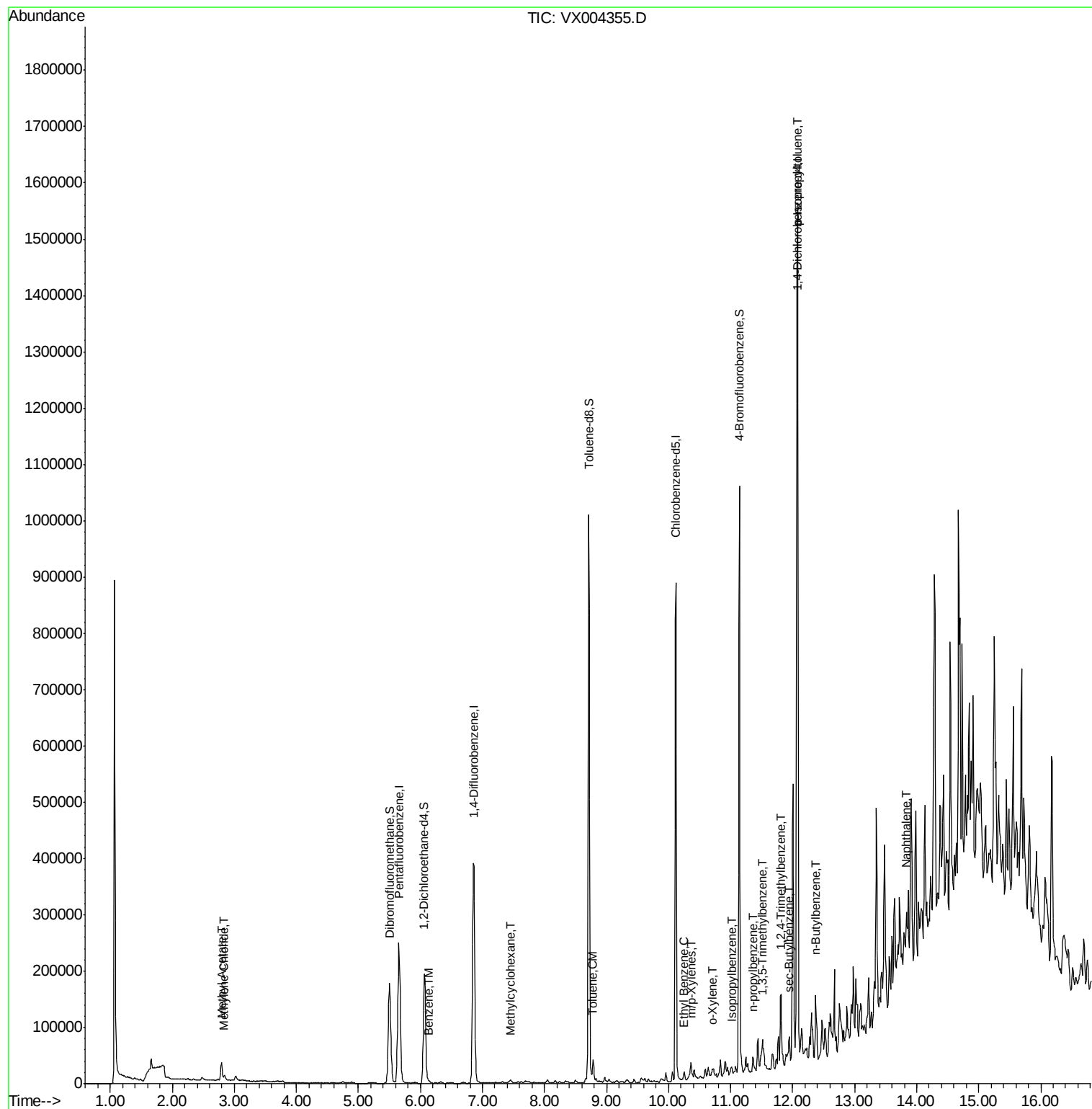
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	2.79	43	38989	7.83	ug/l	99
20) Methylene Chloride	2.84	84	4061	1.26	ug/l	95
39) Methylcyclohexane	7.45	83	2232	0.42	ug/l	98
40) Benzene	6.14	78	4355	0.32	ug/l	97
52) Toluene	8.78	92	13847	1.60	ug/l	97
67) Ethyl Benzene	10.25	91	6807	0.39	ug/l	99
68) m/p-Xylenes	10.36	106	6715	1.00	ug/l	98
69) o-Xylene	10.70	106	3238	0.51	ug/l	80
73) Isopropylbenzene	11.02	105	5312	0.29	ug/l	95
78) n-propylbenzene	11.36	91	13437	0.63	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	16447	1.07	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	50655	3.20	ug/l	99
85) sec-Butylbenzene	11.94	105	7995	0.43	ug/l #	55
86) p-Isopropyltoluene	12.07	119	371611	22.50	ug/l	99
89) n-Butylbenzene	12.38	91	18258	1.36	ug/l #	47
95) Naphthalene	13.83	128	69443	3.75	ug/l #	92

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

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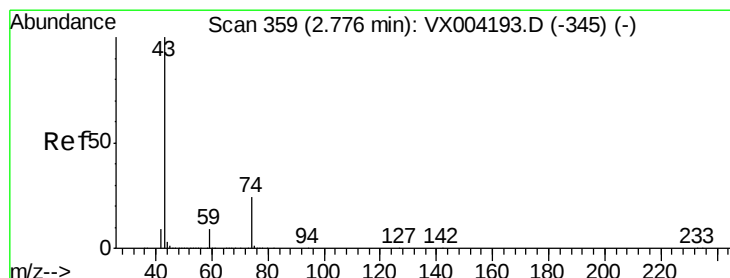
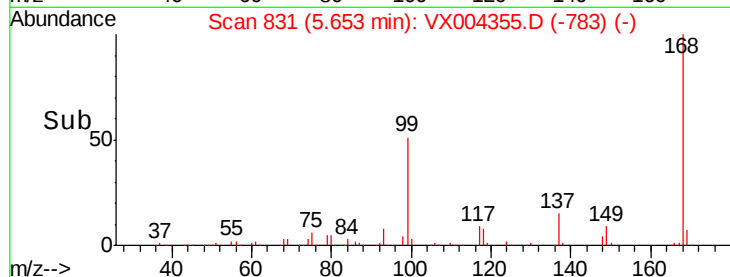
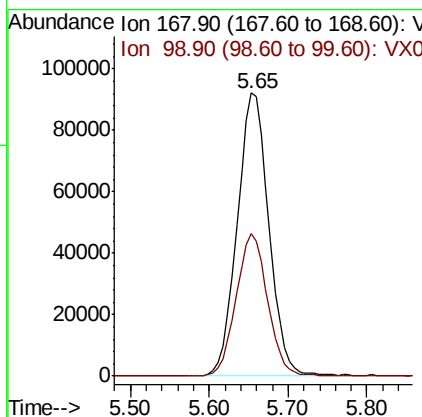
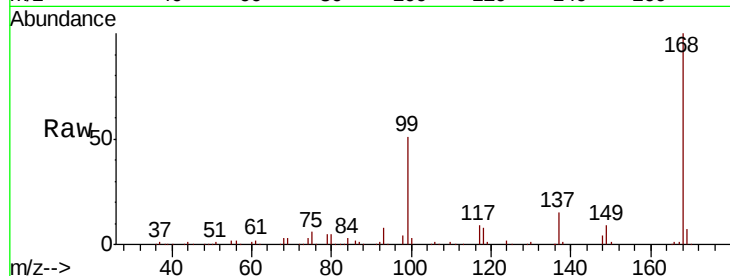




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.65 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

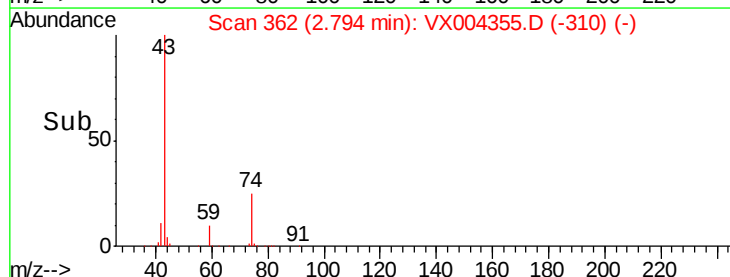
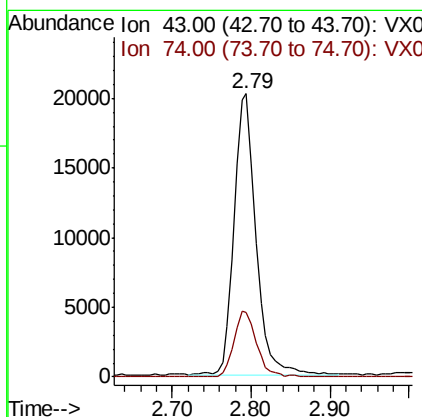
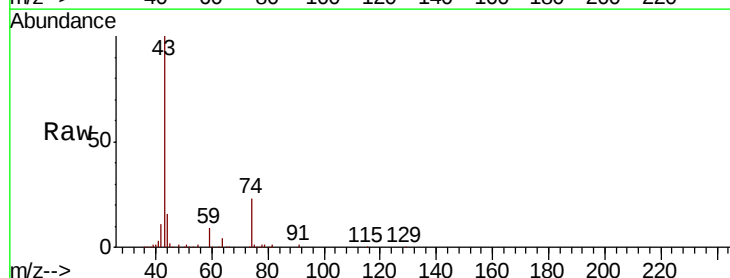
Instrument :
MSVOA_X
ClientSampleId :
KG-SLUDGE-2

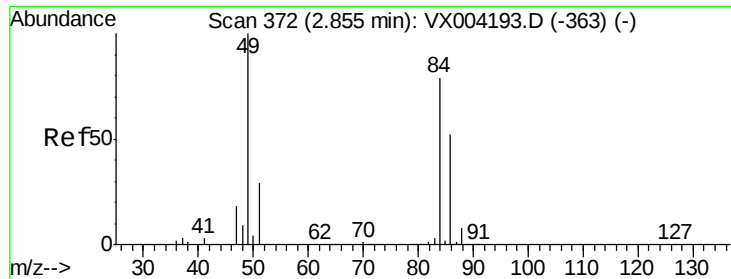
Tot Ion:168 Resp: 257368
Ion Ratio Lower Upper
168 100
99 50.5 39.9 59.9



#18
Methyl Acetate
Concen: 7.83 ug/l
RT: 2.79 min Scan# 362
Delta R.T. 0.02 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Tgt Ion: 43 Resp: 38989
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2

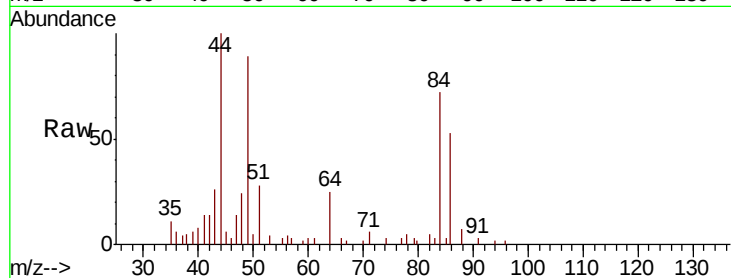




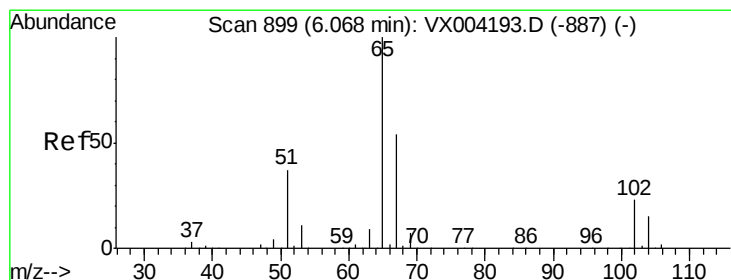
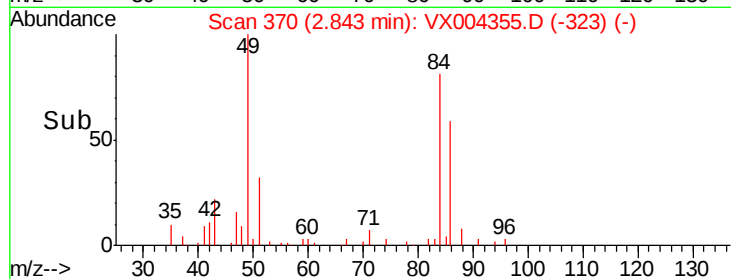
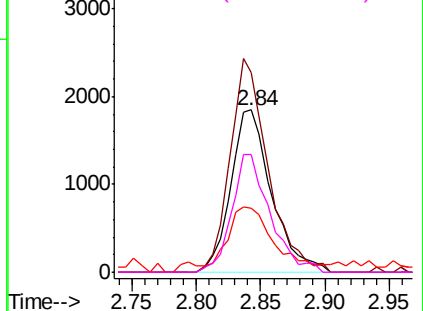
#20
Methvlene Chloride
Concen: 1.26 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.01 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Instrument :
MSVOA_X
ClientSampled :
KG-SLUDGE-2

Tot Ion:	84	Resp:	4061
Ion	Ratio	Lower	Upper
84	100		
49	123.0	101.2	151.8
51	33.3	29.5	44.3
86	72.9	52.3	78.5

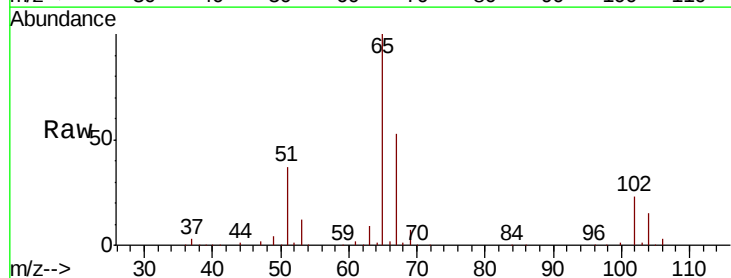


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

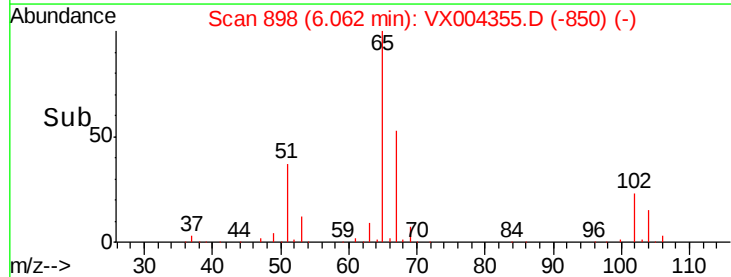
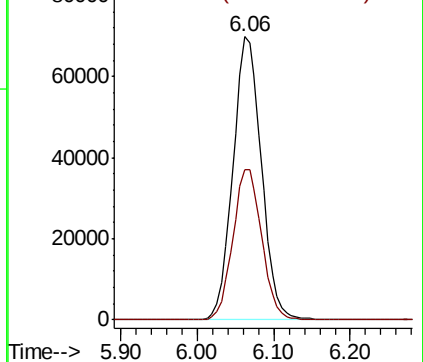


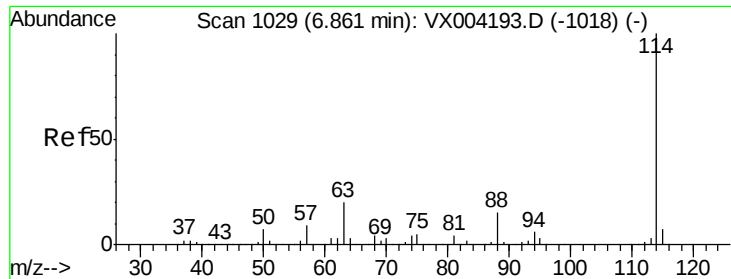
#33
1,2-Dichloroethane-d4
Concen: 53.63 ug/l
RT: 6.06 min Scan# 898
Delta R.T. -0.01 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Tgt Ion:	65	Resp:	179895
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

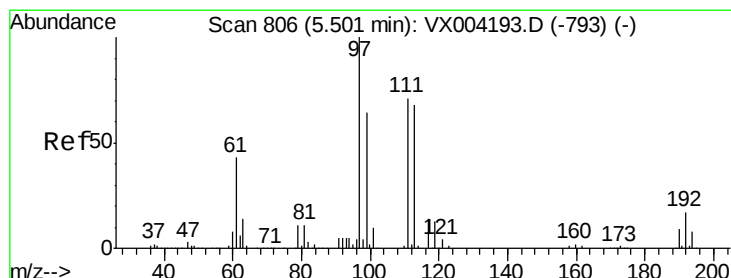
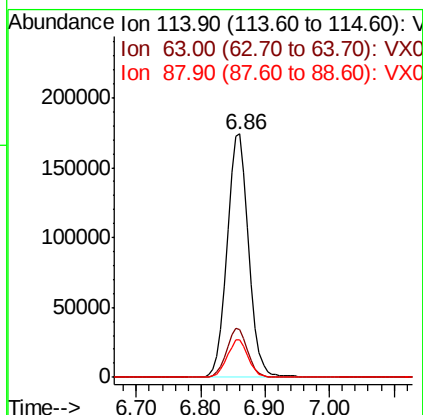
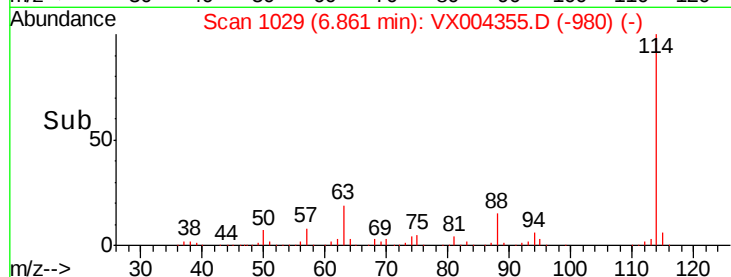
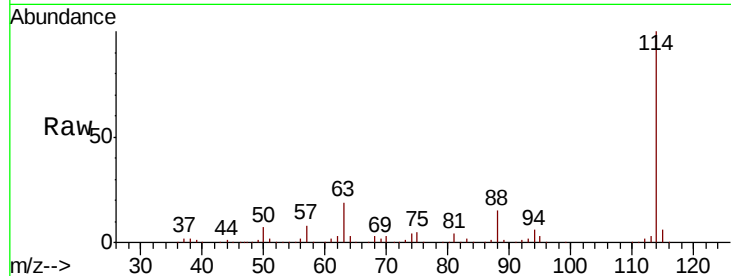




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

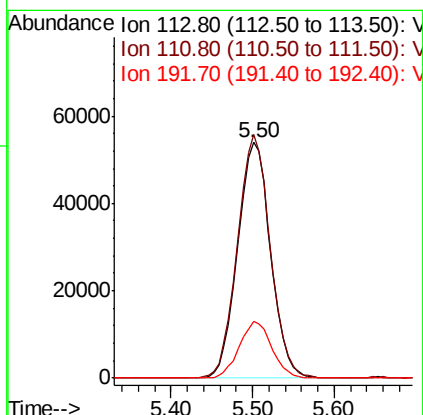
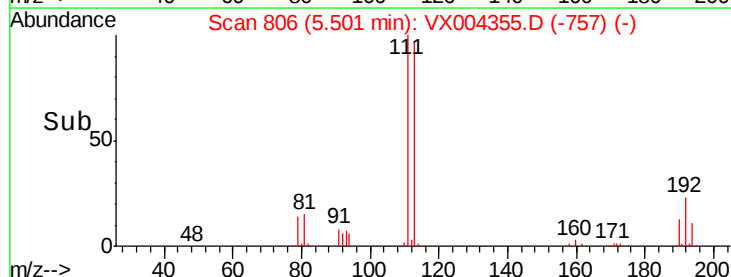
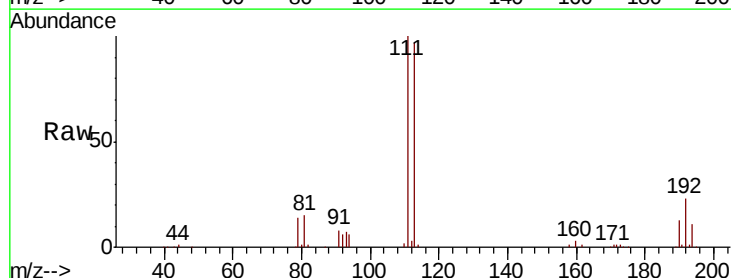
Instrument :
MSVOA_X
ClientSampleId :
KG-SLUDGE-2

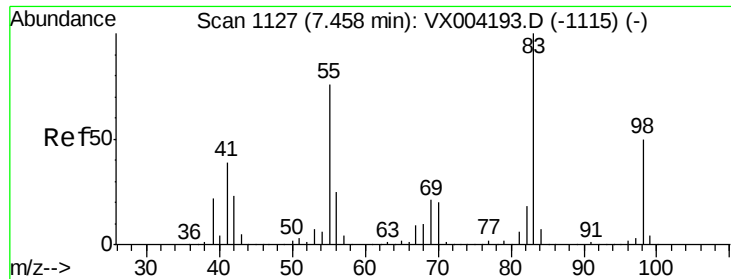
Tot Ion:114 Resp: 411225
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.0
88 15.4 0.0 30.4



#35
Dibromofluoromethane
Concen: 49.44 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Tgt Ion:113 Resp: 151244
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 23.8 19.4 29.2

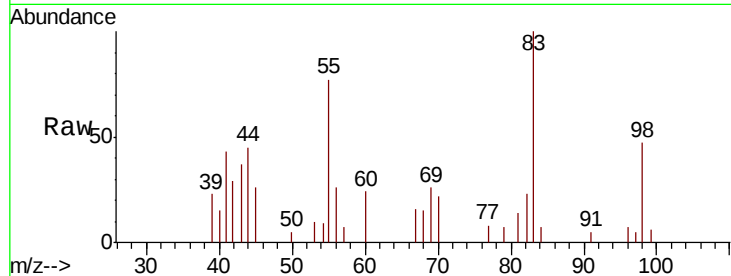




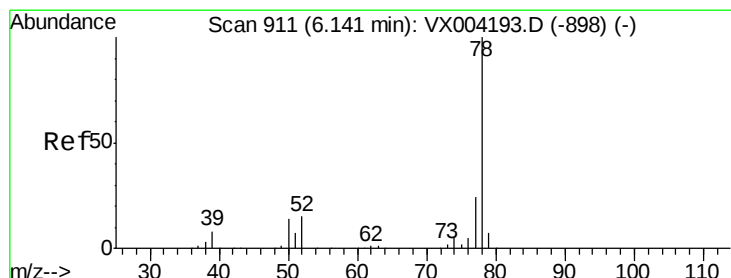
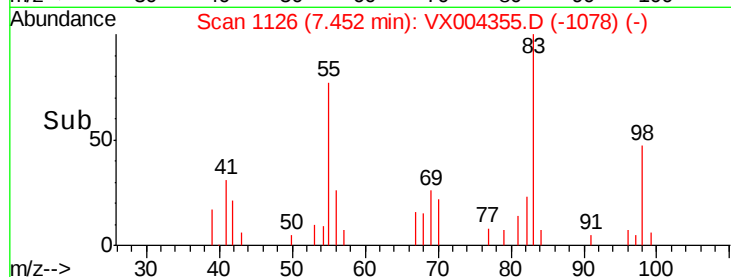
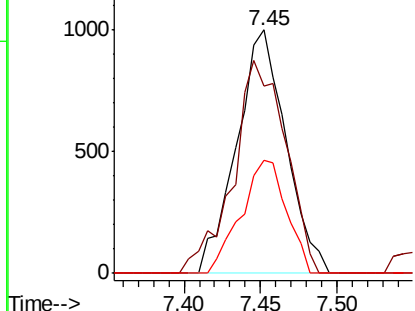
#39
Methvlcvclohexane
Concen: 0.42 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Instrument :
MSVOA_X
ClientSampled :
KG-SLUDGE-2

Tot Ion: 83 Resp: 2232
Ion Ratio Lower Upper
83 100
55 76.9 61.0 91.4
98 46.6 39.6 59.4

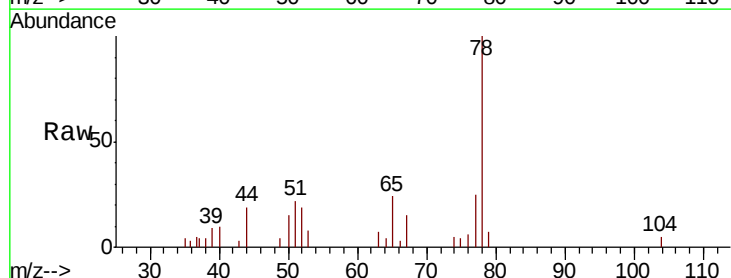


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

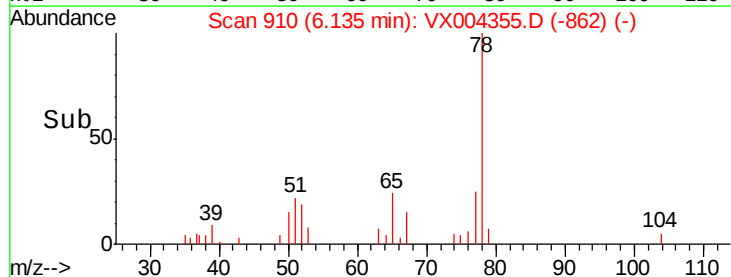
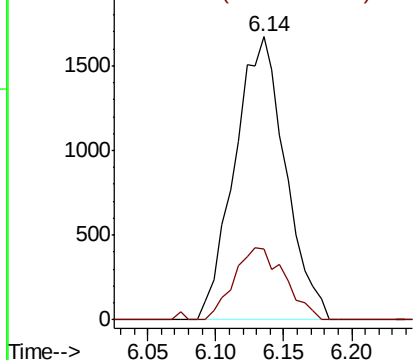


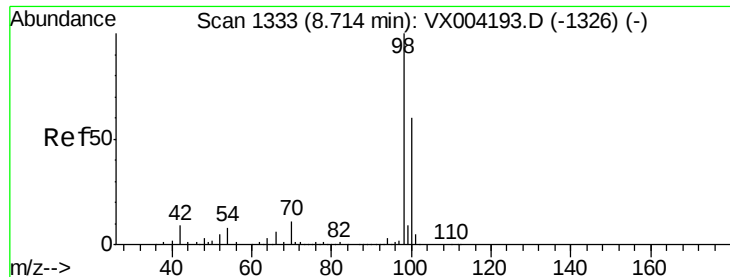
#40
Benzene
Concen: 0.32 ug/l
RT: 6.14 min Scan# 910
Delta R.T. -0.01 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Tgt Ion: 78 Resp: 4355
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.4



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

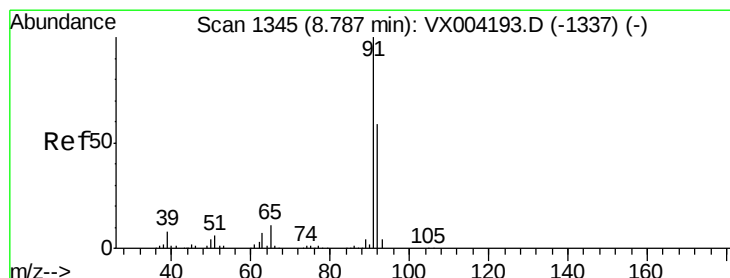
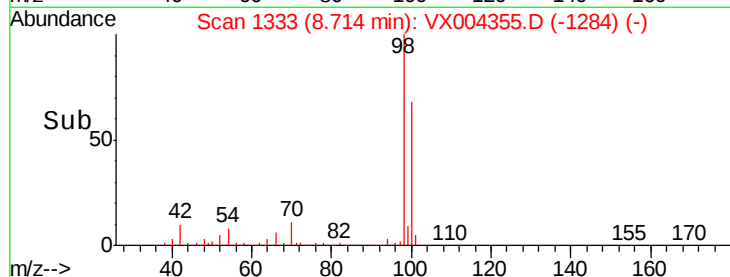
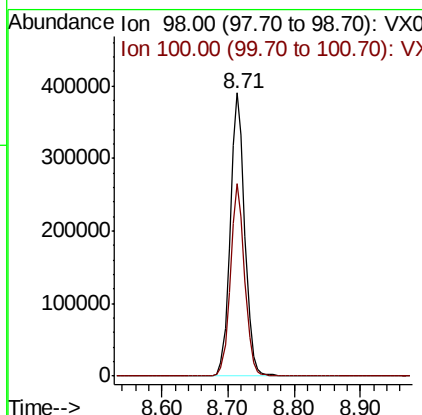
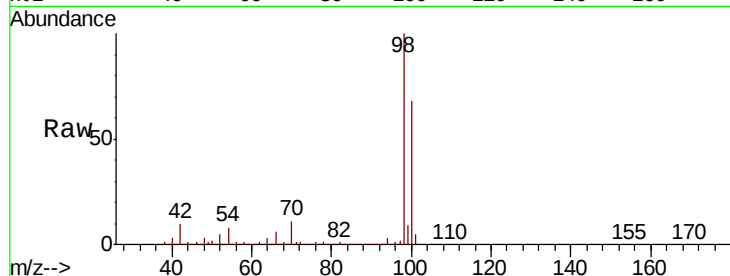




#50
Toluene-d8
Concen: 51.89 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

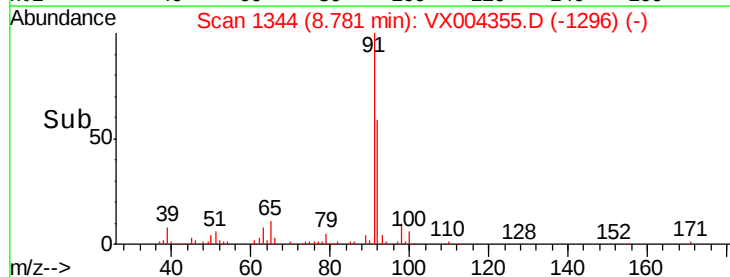
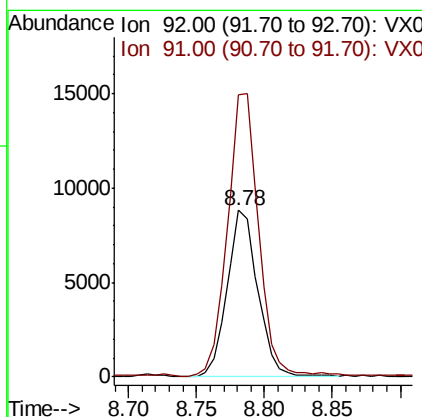
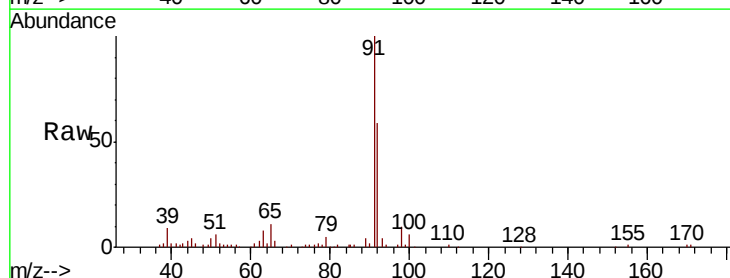
Instrument :
MSVOA_X
ClientSampleId :
KG-SLUDGE-2

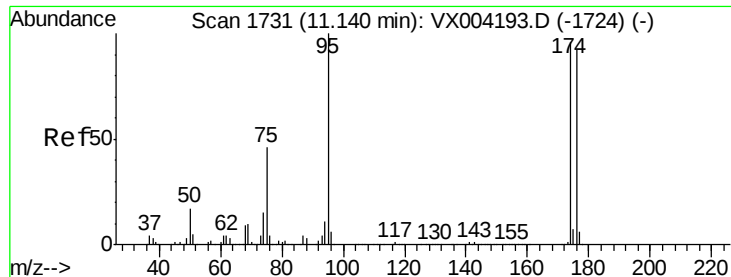
Tot Ion: 98 Resp: 599147
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3



#52
Toluene
Concen: 1.60 ug/l
RT: 8.78 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Tgt Ion: 92 Resp: 13847
Ion Ratio Lower Upper
92 100
91 174.5 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 60.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampled :

KG-SLUDGE-2

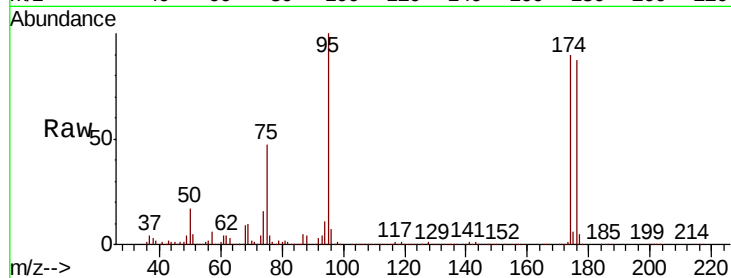
Tot Ion: 95 Resp: 261474

Ion Ratio Lower Upper

95 100

174 90.6 0.0 185.2

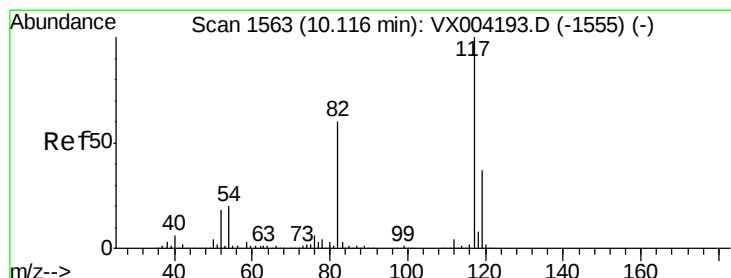
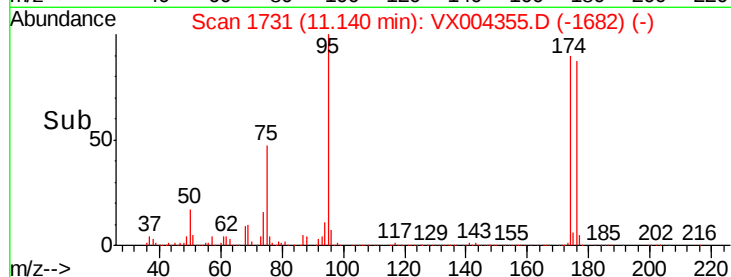
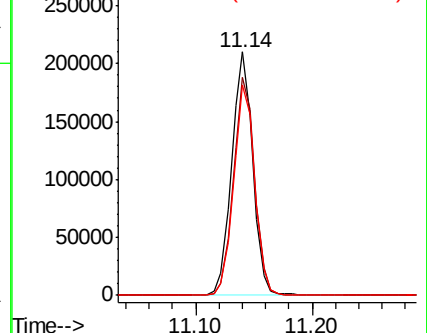
176 87.7 0.0 178.6



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: VX004355.D

Acq: 04 Sep 2018 18:53

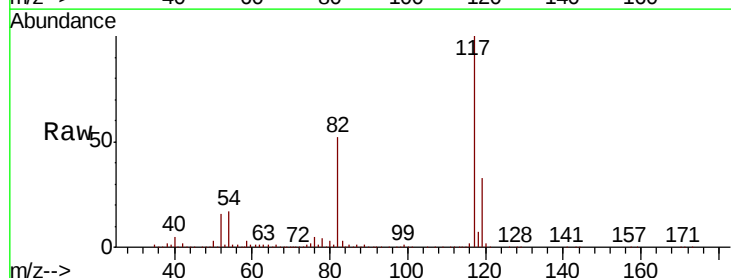
Tgt Ion: 117 Resp: 422890

Ion Ratio Lower Upper

117 100

82 51.6 47.8 71.6

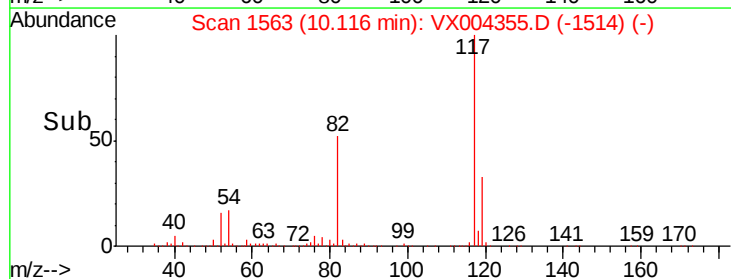
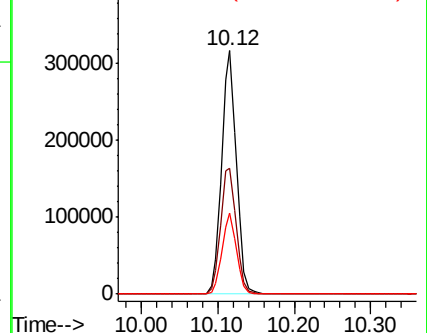
119 33.0 29.3 43.9

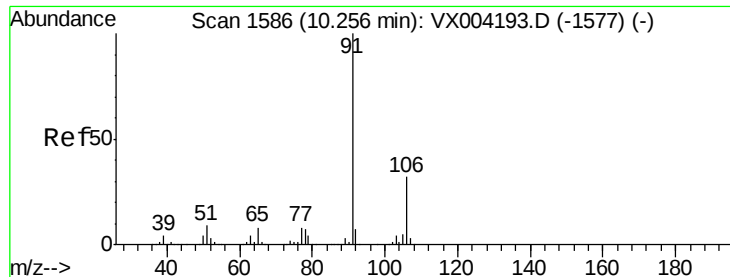


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

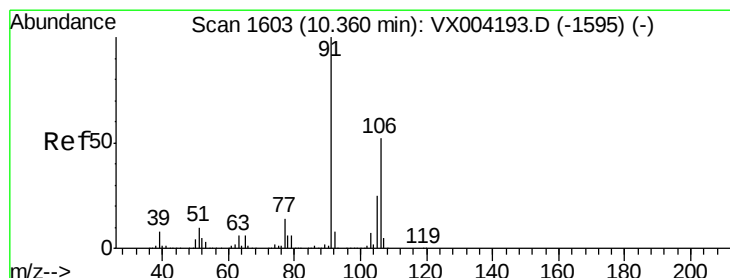
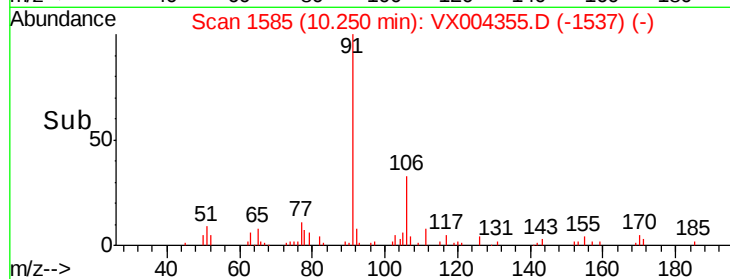
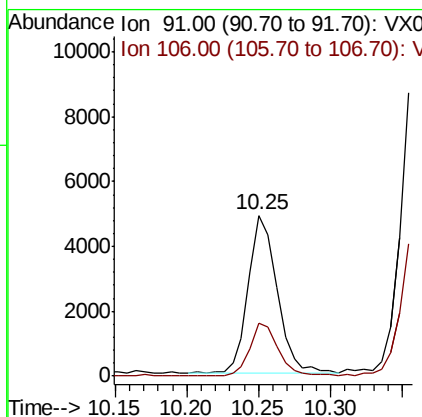
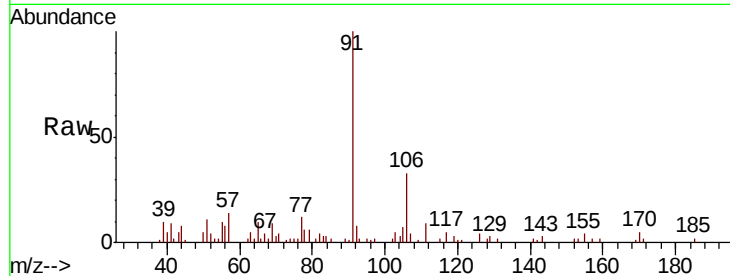




#67
Ethyl Benzene
Concen: 0.39 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

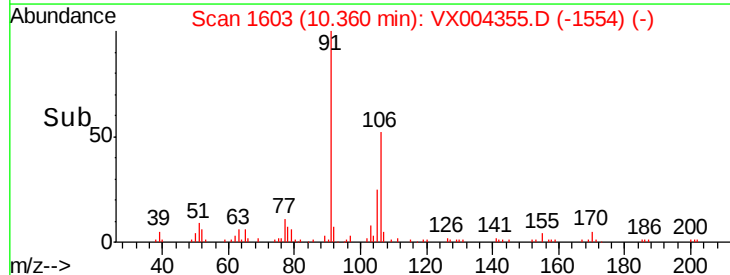
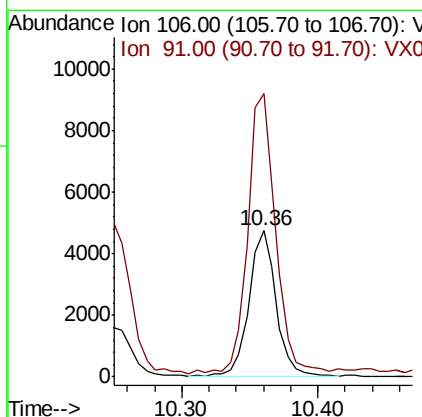
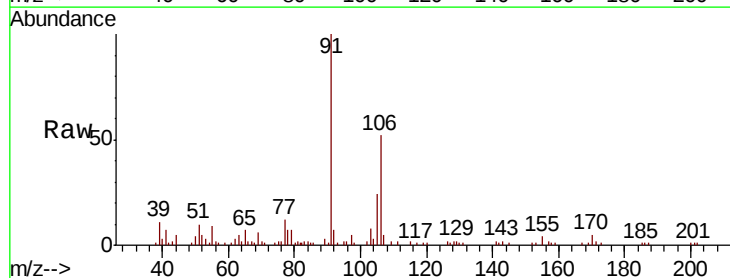
Instrument :
MSVOA_X
ClientSampleId :
KG-SLUDGE-2

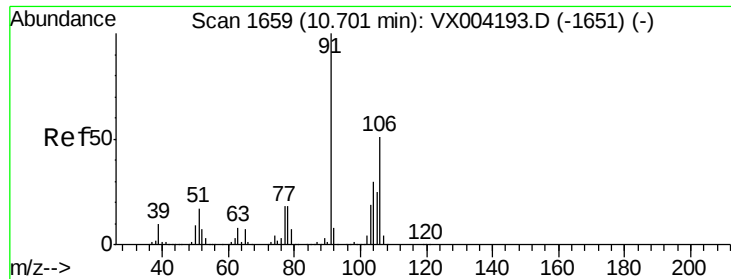
Tot Ion: 91 Resp: 6807
Ion Ratio Lower Upper
91 100
106 33.2 25.9 38.9



#68
m/p-Xylenes
Concen: 1.00 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Tgt Ion: 106 Resp: 6715
Ion Ratio Lower Upper
106 100
91 193.7 157.1 235.7

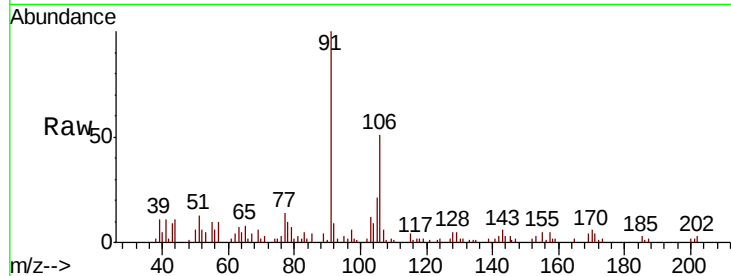




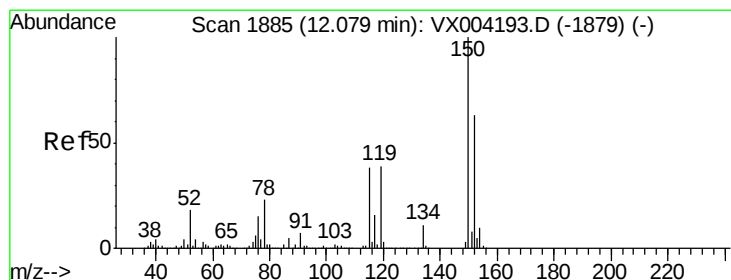
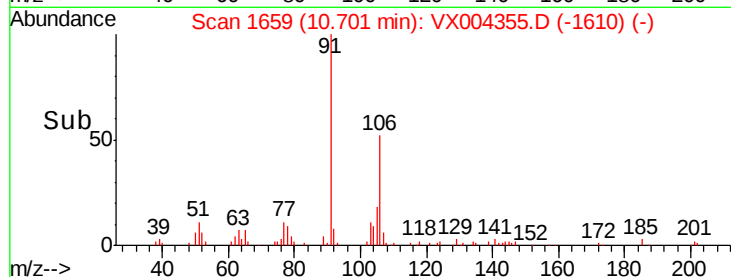
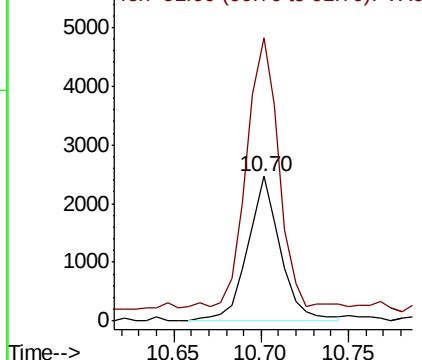
#69
o-Xylene
Concen: 0.51 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Instrument :
MSVOA_X
ClientSampled :
KG-SLUDGE-2

Tot Ion:106 Resp: 3238
Ion Ratio Lower Upper
106 100
91 178.8 105.1 315.1

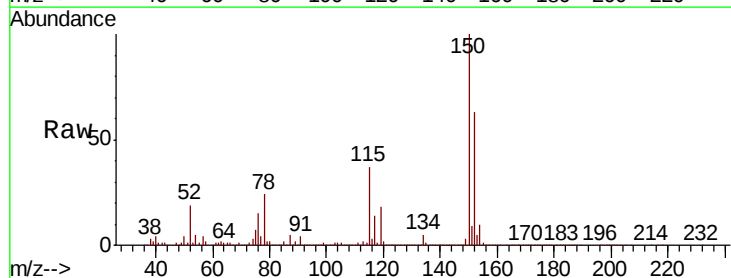


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

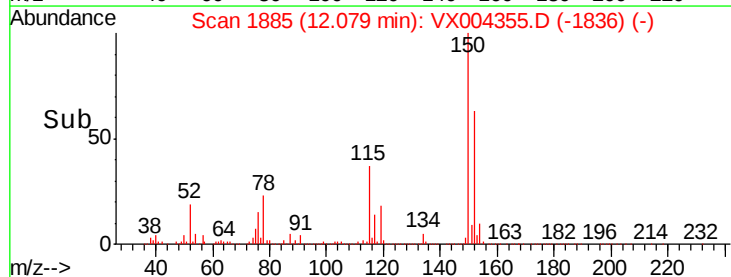
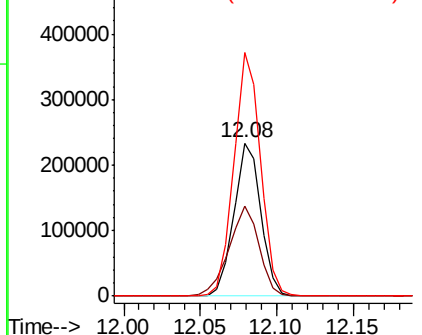


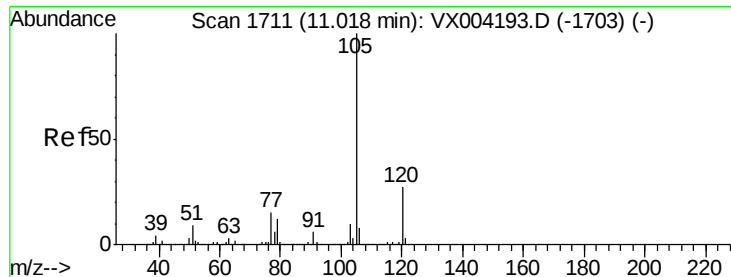
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Tgt Ion:152 Resp: 283610
Ion Ratio Lower Upper
152 100
115 65.2 39.0 117.0
150 157.9 0.0 351.0



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





#73

Isopropylbenzene

Concen: 0.29 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

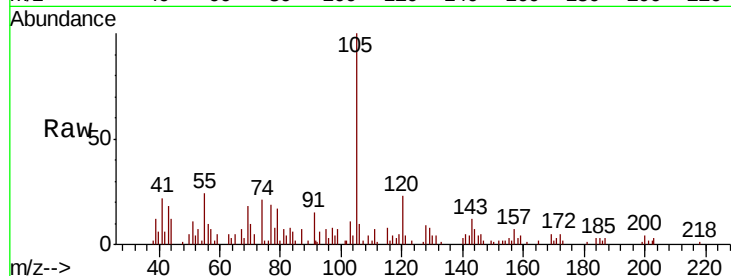
KG-SLUDGE-2

Tot Ion:105 Resp: 5312

Ion Ratio Lower Upper

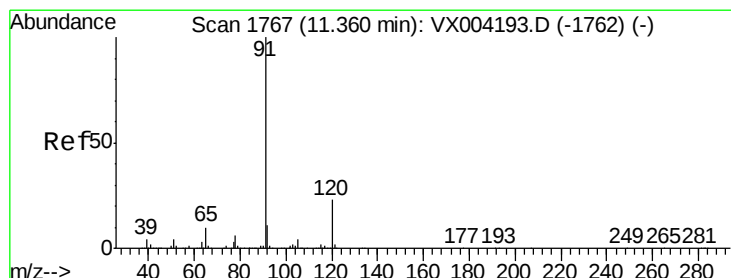
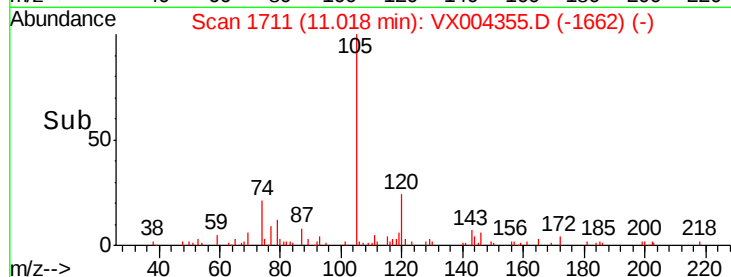
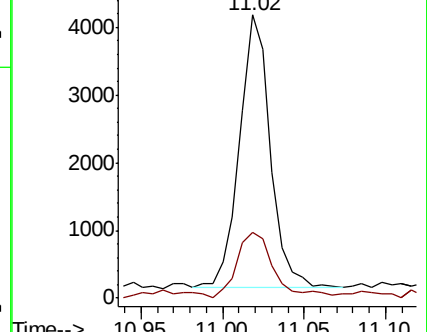
105 100

120 29.4 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: 0.63 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004355.D

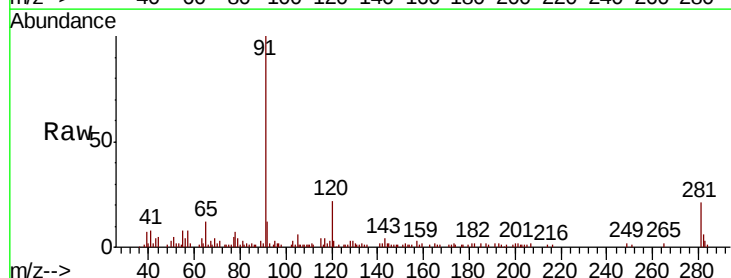
Acq: 04 Sep 2018 18:53

Tgt Ion: 91 Resp: 13437

Ion Ratio Lower Upper

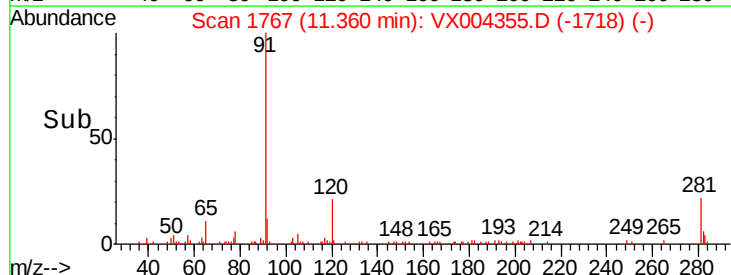
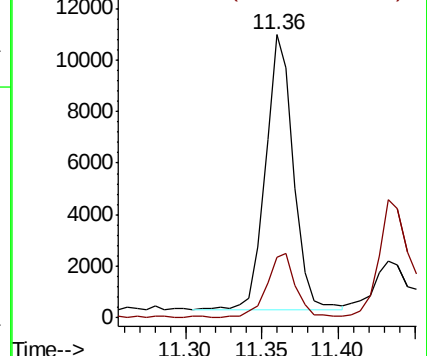
91 100

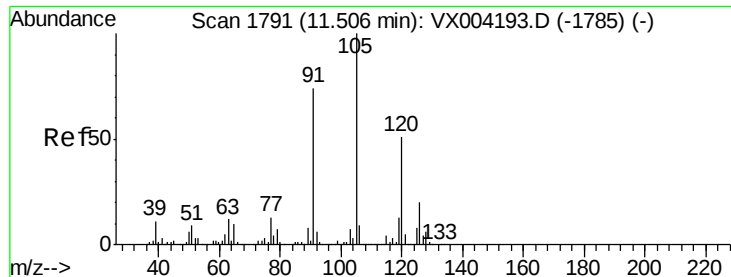
120 24.9 11.9 35.9



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: 1.07 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampled :

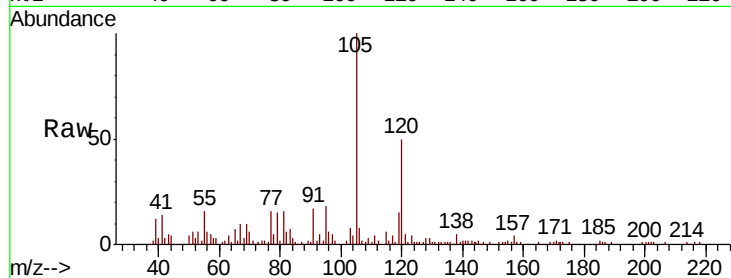
KG-SLUDGE-2

Tot Ion:105 Resp: 16447

Ion Ratio Lower Upper

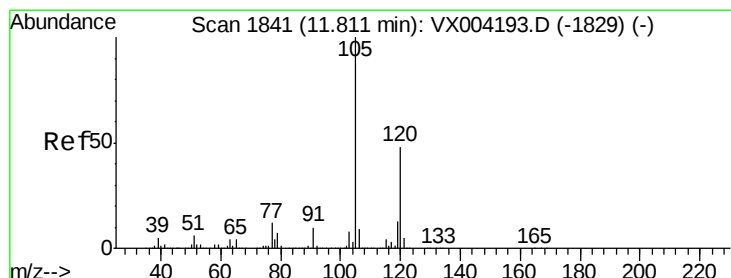
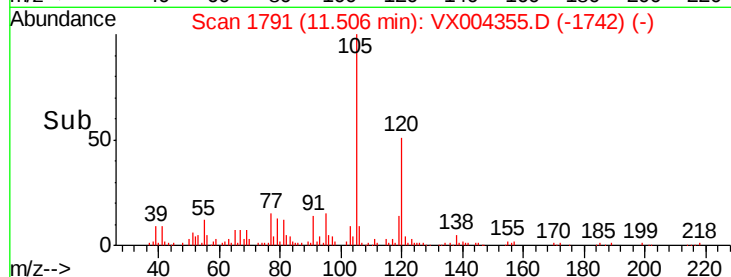
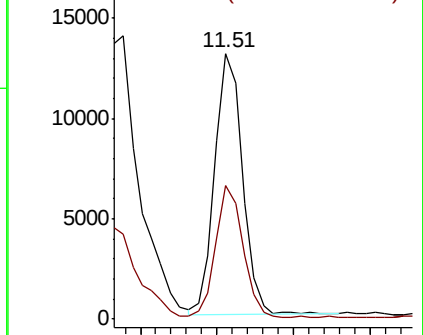
105 100

120 49.8 25.6 76.8



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: 3.20 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX004355.D

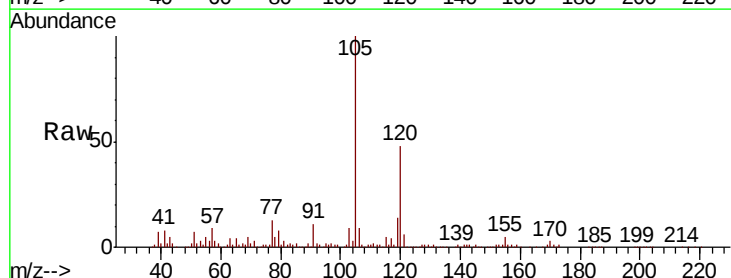
Acq: 04 Sep 2018 18:53

Tgt Ion:105 Resp: 50655

Ion Ratio Lower Upper

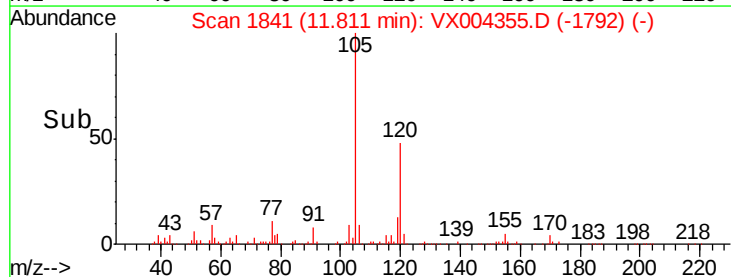
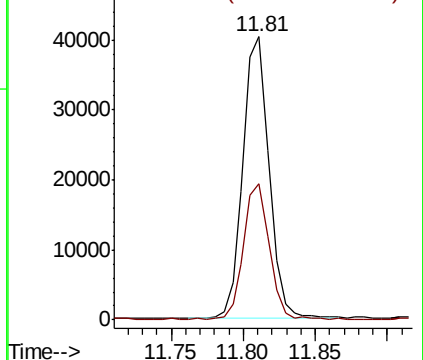
105 100

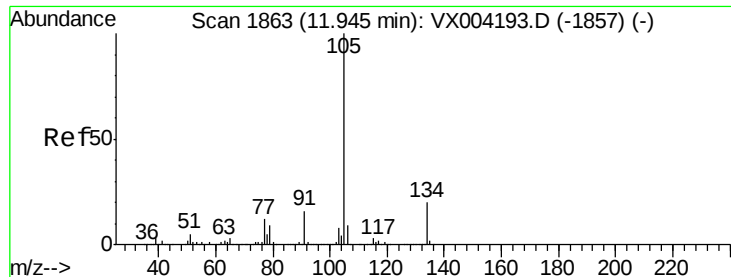
120 46.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

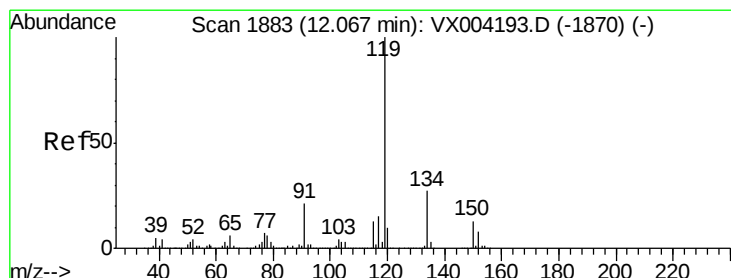
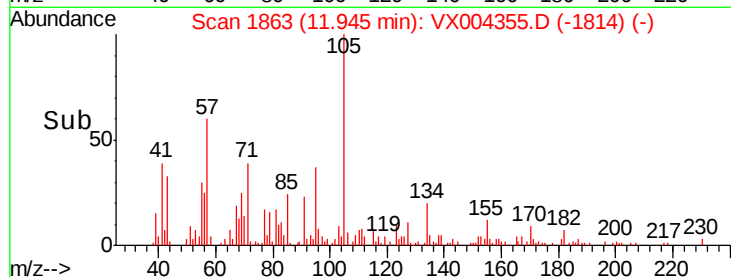
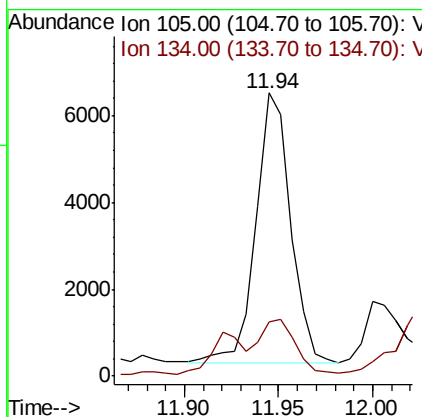
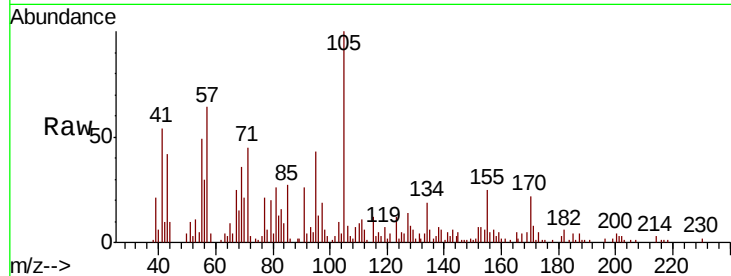




#85
 sec-Butylbenzene
 Concen: 0.43 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VX004355.D
 Acq: 04 Sep 2018 18:53

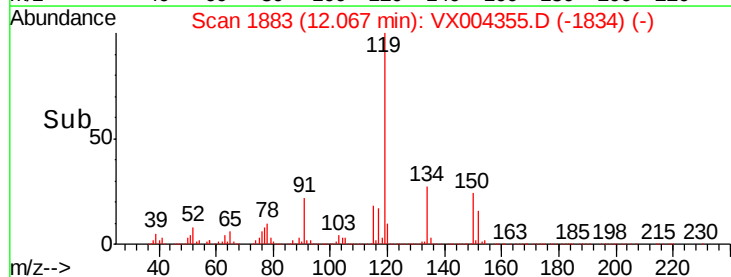
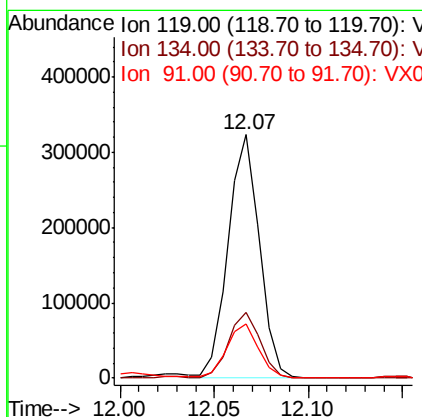
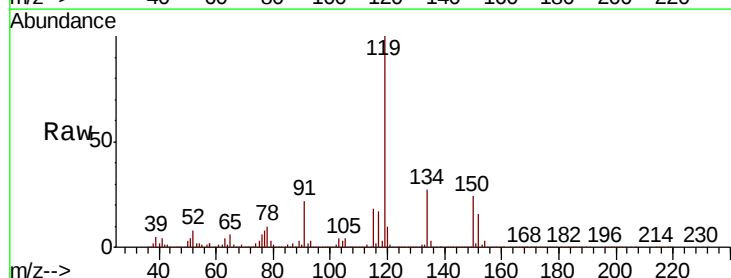
Instrument :
 MSVOA_X
 ClientSampled :
 KG-SLUDGE-2

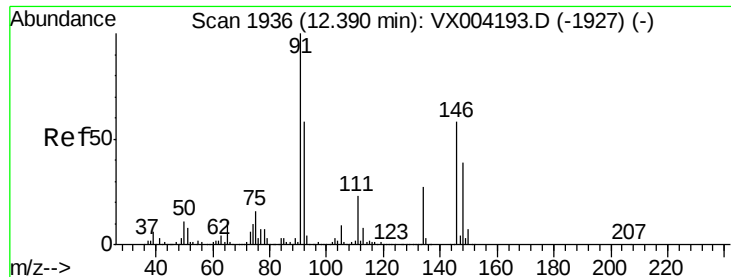
Tot Ion:105 Resp: 7995
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.5#



#86
 p-Isopropyltoluene
 Concen: 22.50 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX004355.D
 Acq: 04 Sep 2018 18:53

Tgt Ion:119 Resp: 371611
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 22.5 10.9 32.7

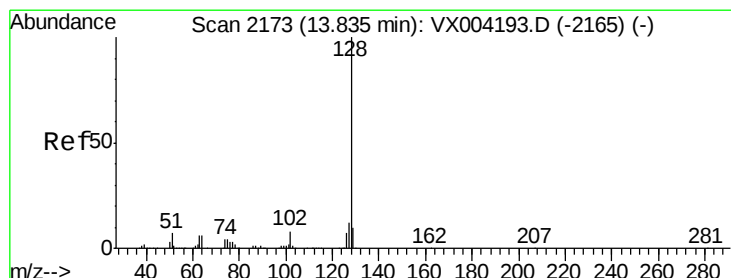
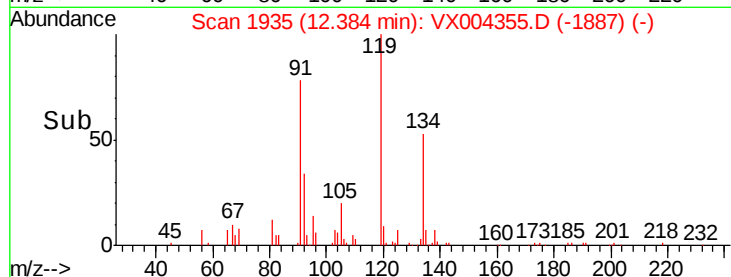
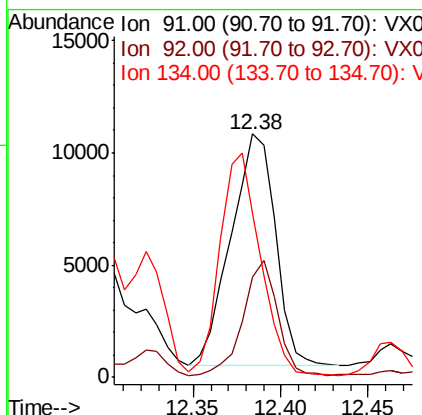
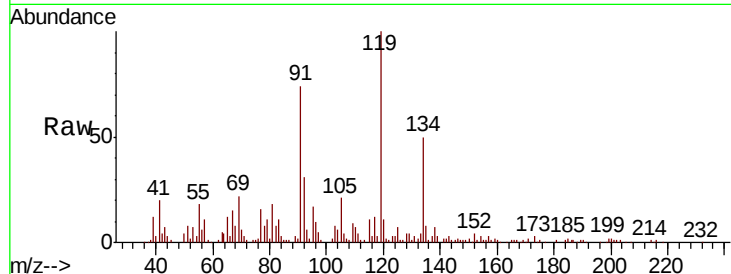




#89
n-Butylbenzene
Concen: 1.36 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Instrument :
MSVOA_X
ClientSampled :
KG-SLUDGE-2

Tot Ion: 91 Resp: 18258
Ion Ratio Lower Upper
91 100
92 38.2 27.3 81.9
134 86.7 13.6 40.7#



#95
Naphthalene
Concen: 3.75 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Tgt Ion:128 Resp: 69443
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 16.5 8.6 12.8#

