

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005123.D
 Acq On : 05 Sep 2018 11:29
 Operator : SY/AP
 Sample : J4726-01
 Misc : 7.27G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KG-SLUDGE-1

Manual Integrations
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Quant Time: Sep 05 12:51:17 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	88958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	152131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	81276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	33726	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	35699	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	7.89	113	31143	35.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.84%	
50) Toluene-d8	10.33	98	101888	25.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.30%	
62) 4-Bromofluorobenzene	12.62	95	34235	23.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.94%	

Target Compounds

						Qvalue
16) Acetone	4.14	43	72856	492.64	ug/l	95
17) Carbon Disulfide	4.37	76	18918	7.55	ug/l	100
20) Methylene Chloride	4.92	84	18039	15.36	ug/l	89
25) 2-Butanone	7.18	43	20740	80.85	ug/l	95
29) Tetrahydrofuran	7.54	42	3424	26.12	ug/l	94
31) Cyclohexane	7.95	56	35757	24.69	ug/l #	94
39) Methylcyclohexane	9.34	83	90215	51.49	ug/l	94
40) Benzene	8.33	78	9371	2.11	ug/l	95
52) Toluene	10.39	92	35558	11.83	ug/l	97
67) Ethyl Benzene	11.74	91	53231	17.21	ug/l	93
68) m/p-Xylenes	11.84	106	112254	90.64	ug/l	98
69) o-Xylene	12.17	106	63483	55.44	ug/l	97
73) Isopropylbenzene	12.47	105	83204	34.99	ug/l	99
78) n-propylbenzene	12.81	91	193400	67.37	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	323302	157.21	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	821913	392.44	ug/l	100
85) sec-Butylbenzene	13.39	105	132363	52.44	ug/l #	75
86) p-Isopropyltoluene	13.51	119	1607085	719.33	ug/l	100
89) n-Butylbenzene	13.83	91	173693m	83.89	ug/l	
95) Naphthalene	15.38	128	103471m	82.30	ug/l	

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

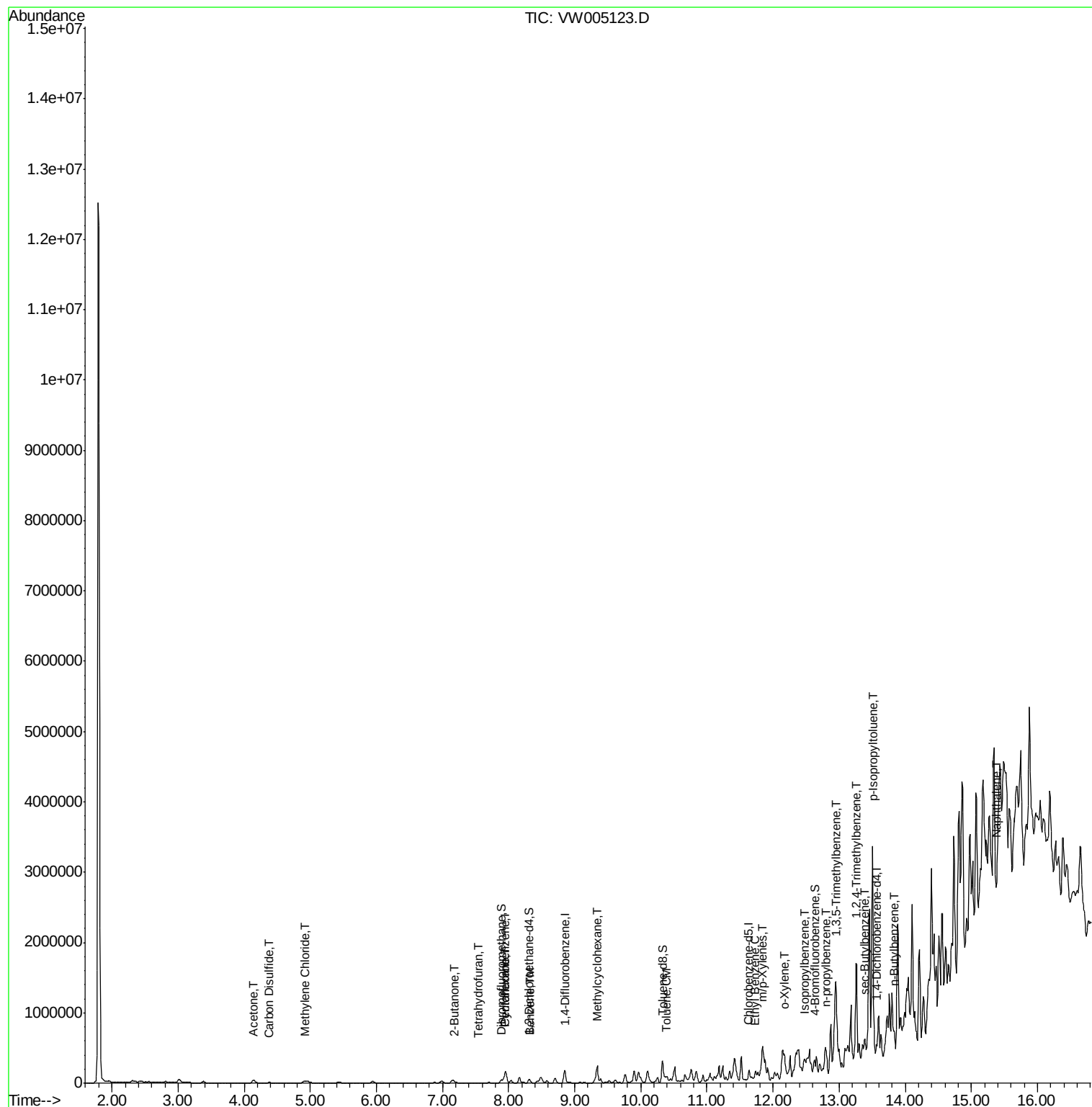
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005123.D
Acq On : 05 Sep 2018 11:29
Operator : SY/AP
Sample : J4726-01
Misc : 7.27G/5ML/MSVOA W/SOIL
ALS Vial : 52 Sample Multiplier: 1

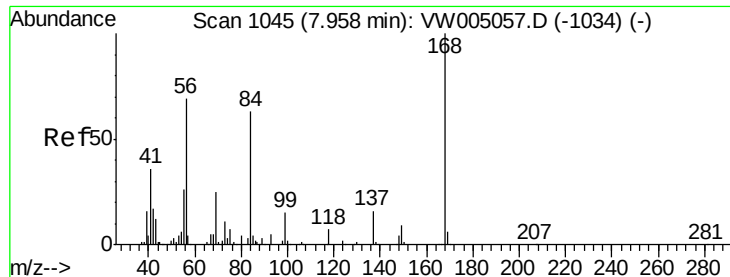
Instrument :
MSVOA_W
ClientSampleId :
KG-SLUDGE-1

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Quant Time: Sep 05 12:51:17 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: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

KG-SLUDGE-1

Tot Ion:168 Resp: 88958

Ion Ratio Lower Upper

168 100

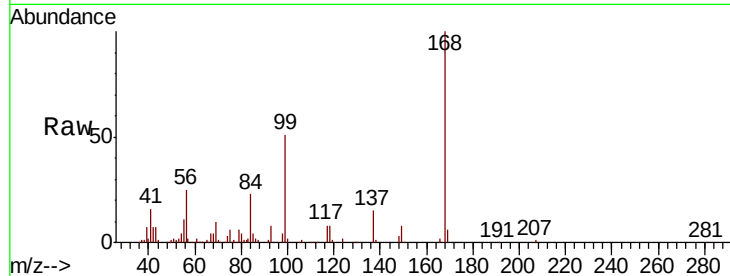
99 50.9 39.4 59.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

40000

30000

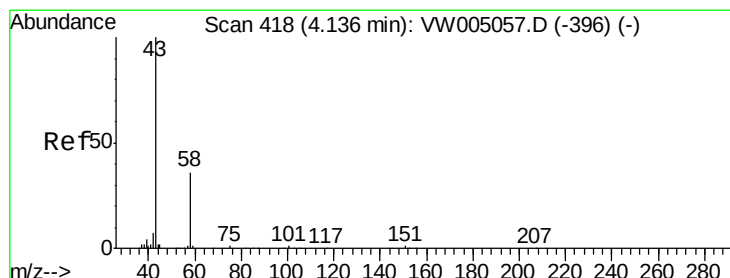
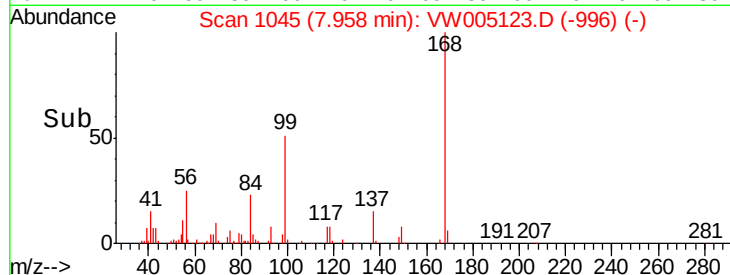
20000

10000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 492.64 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW005123.D

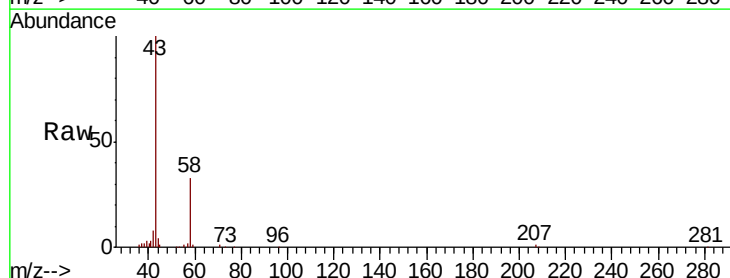
Acq: 05 Sep 2018 11:29

Tgt Ion: 43 Resp: 72856

Ion Ratio Lower Upper

43 100

58 33.5 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

30000

25000

20000

15000

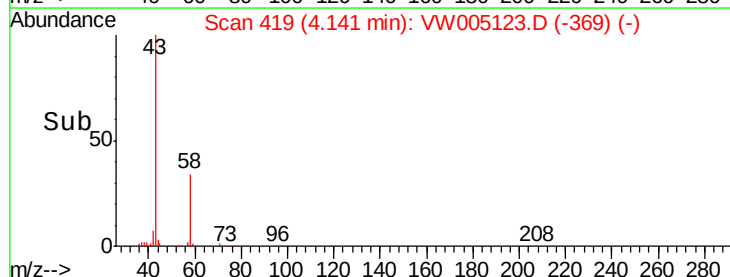
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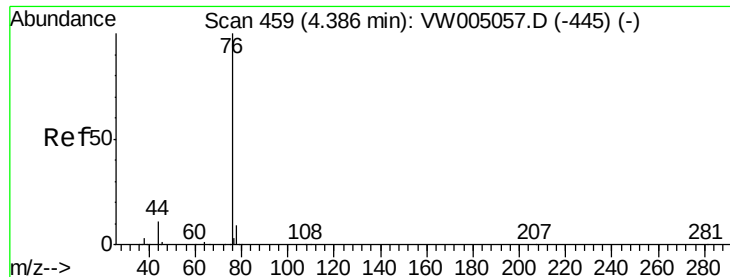
5000

0

4.00 4.10 4.20 4.30

Time-->





#17

Carbon Disulfide

Concen: 7.55 ug/l

RT: 4.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

KG-SLUDGE-1

Tot Ion: 76 Resp: 18918

Ion Ratio Lower Upper

76 100

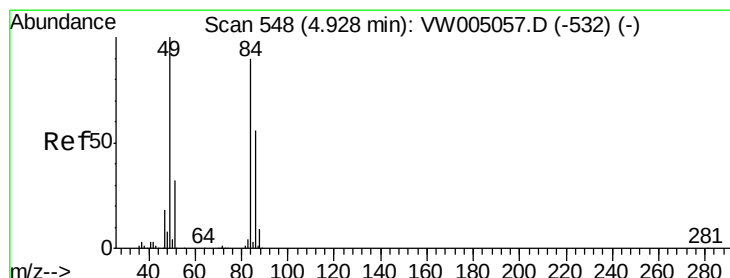
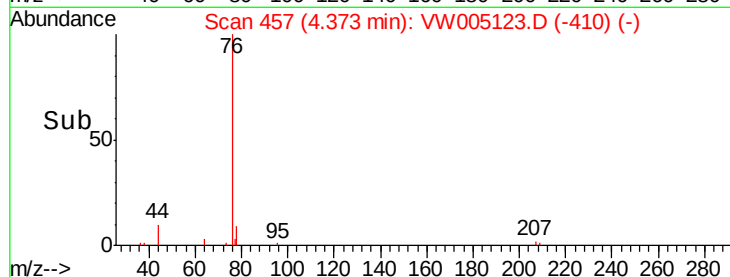
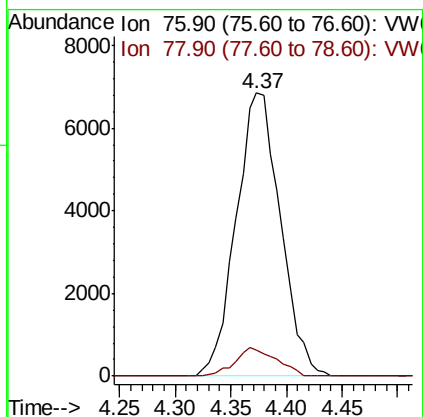
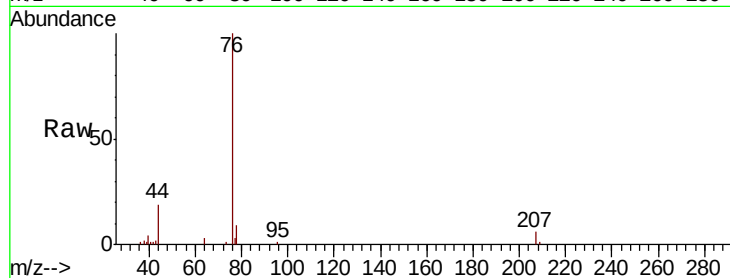
78 9.0 7.3 10.9

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#20

Methylene Chloride

Concen: 15.36 ug/l

RT: 4.92 min Scan# 546

Delta R.T. -0.01 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Tgt Ion: 84 Resp: 18039

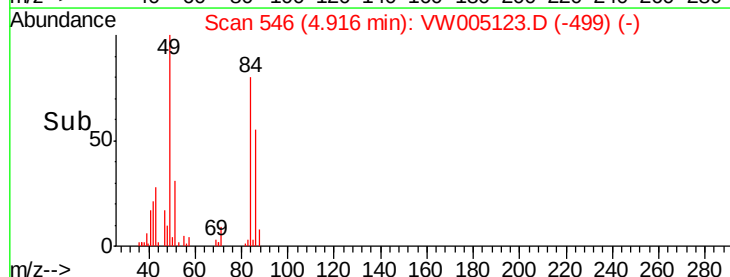
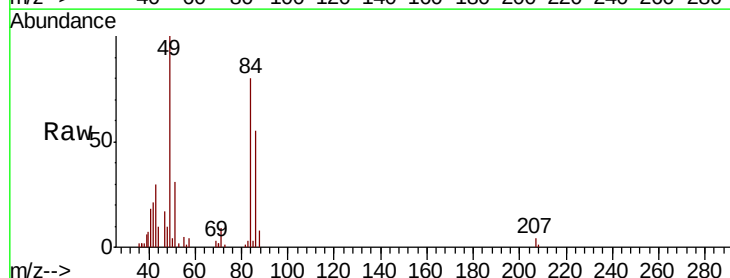
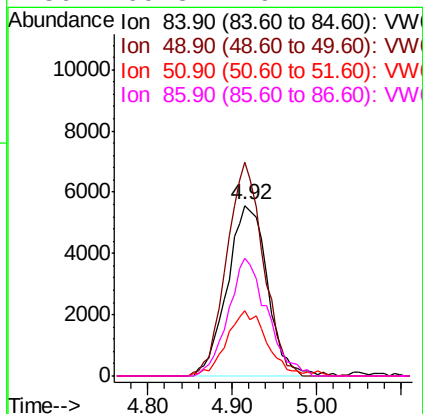
Ion Ratio Lower Upper

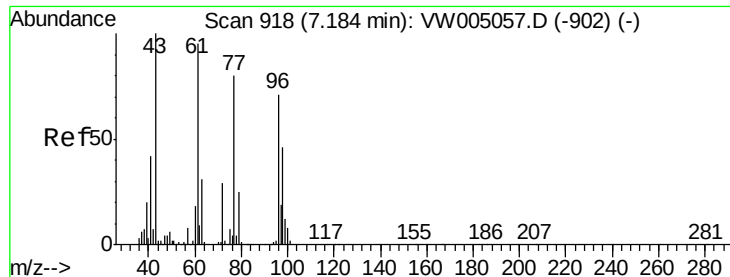
84 100

49 125.1 88.7 133.1

51 38.5 28.6 42.8

86 69.3 49.4 74.2





#25

2-Butanone

Concen: 80.85 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

KG-SLUDGE-1

Tot Ion: 43 Resp: 20740

Ion Ratio Lower Upper

43 100

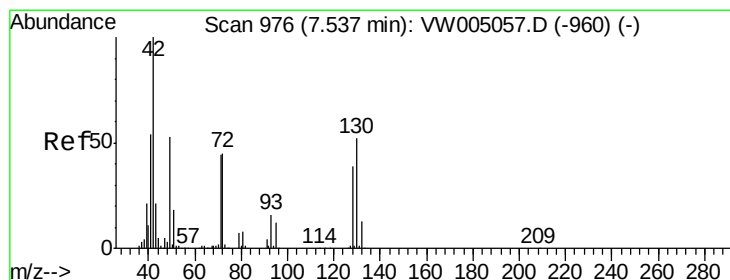
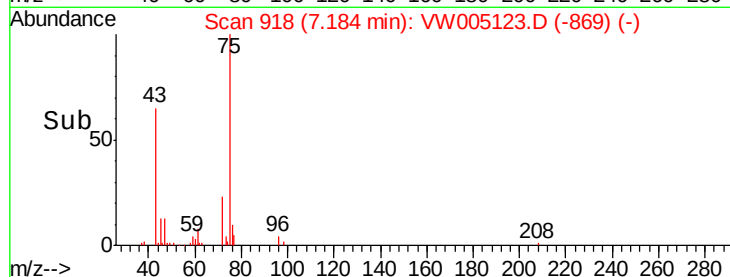
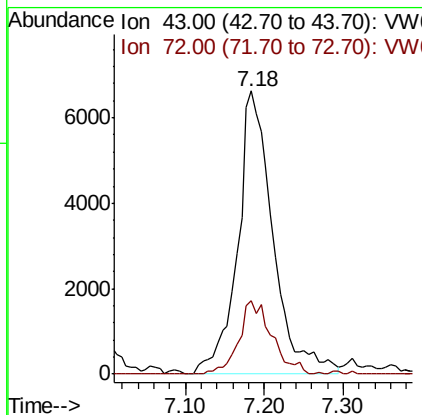
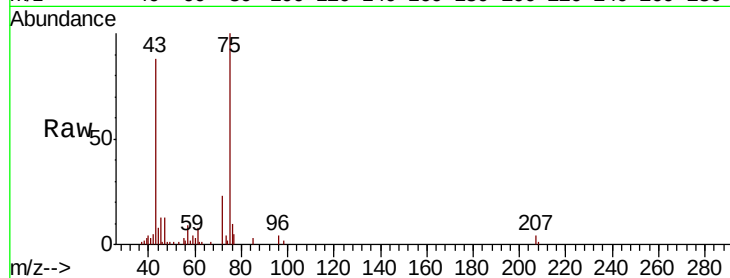
72 26.0 23.1 34.7

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#29

Tetrahydrofuran

Concen: 26.12 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

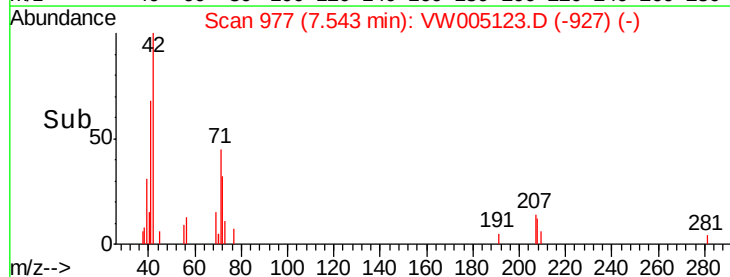
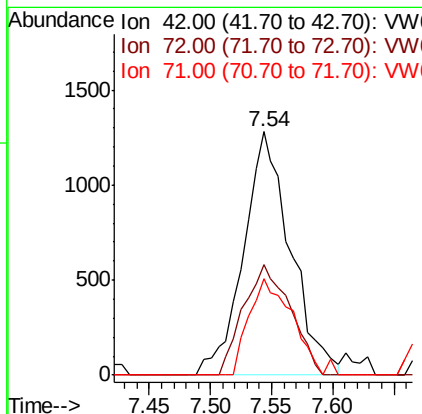
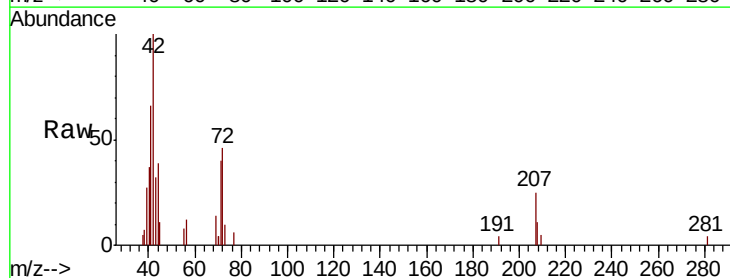
Tgt Ion: 42 Resp: 3424

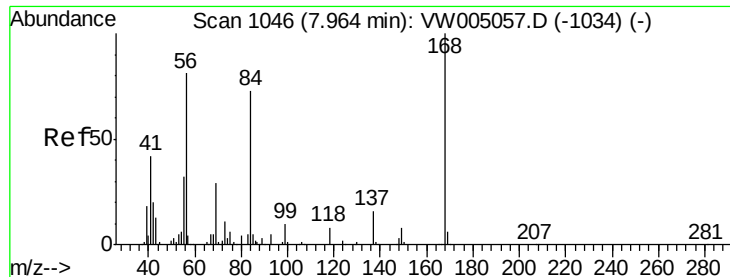
Ion Ratio Lower Upper

42 100

72 45.5 37.0 55.4

71 36.1 35.0 52.6





#31

Cyclohexane

Concen: 24.69 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

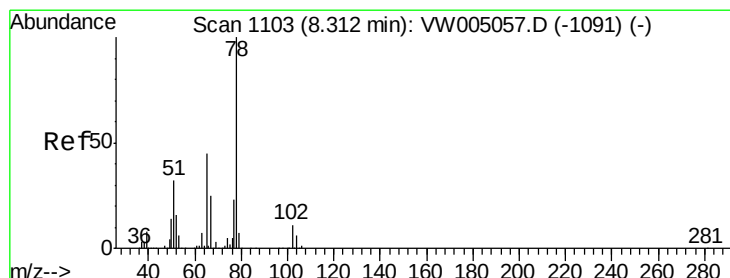
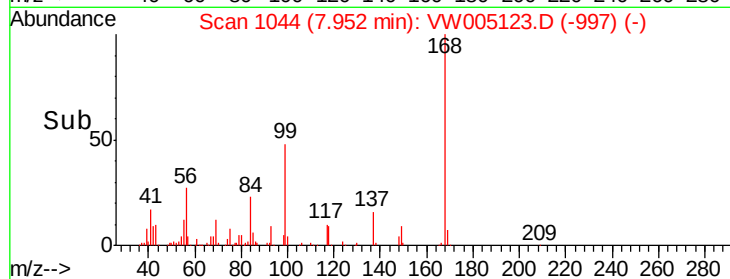
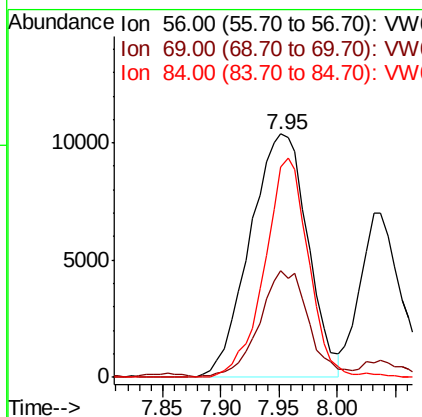
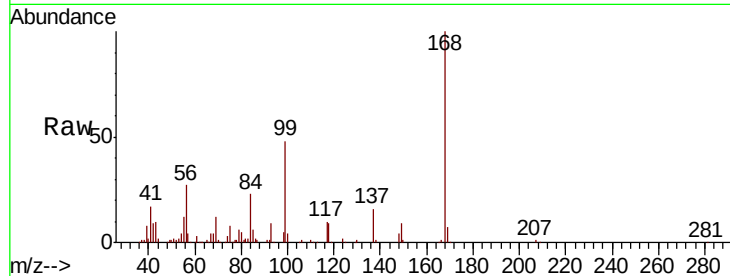
ClientSampleId :

KG-SLUDGE-1

Tot Ion:	56	Resp:	35757
Ion Ratio	Lower	Upper	
56	100		
69	43.1	28.2	42.2#
84	86.3	71.8	107.8

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#33

1,2-Dichloroethane-d4

Concen: 48.41 ug/l

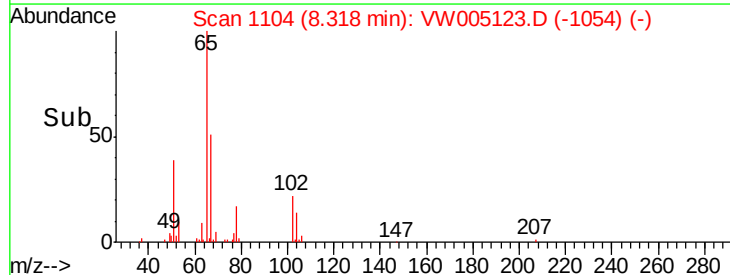
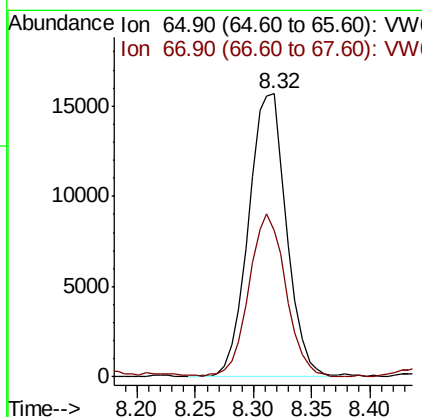
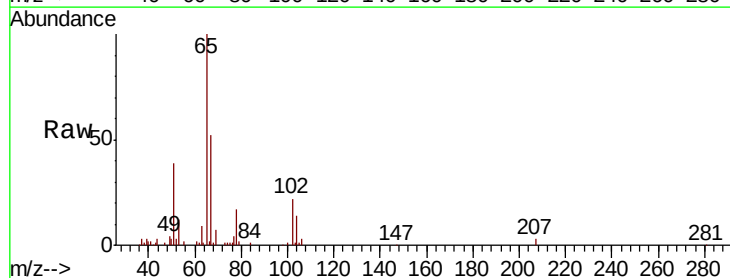
RT: 8.32 min Scan# 1104

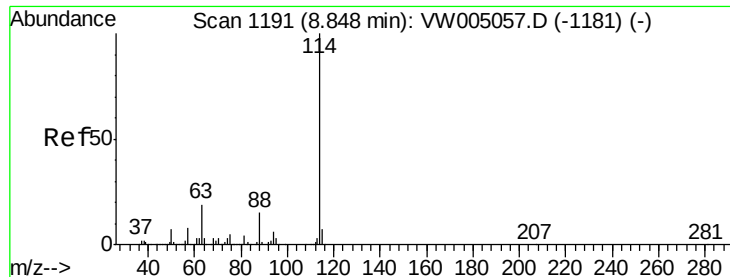
Delta R.T. 0.01 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Tgt Ion:	65	Resp:	35699
Ion Ratio	Lower	Upper	
65	100		
67	56.0	0.0	109.4





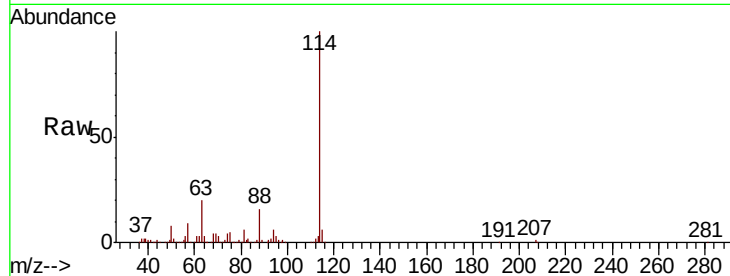
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005123.D
 Acq: 05 Sep 2018 11:29

Instrument :
 MSVOA_W
 ClientSampleId :
 KG-SLUDGE-1

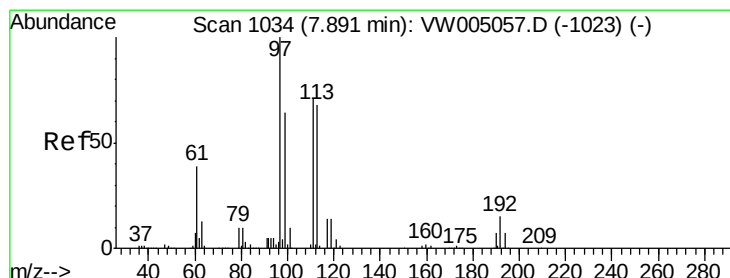
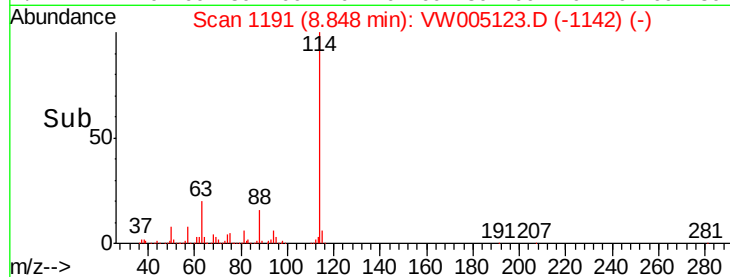
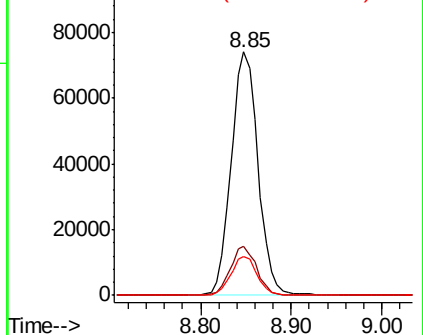
Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.9	0.0	38.0
88	15.9	0.0	30.2

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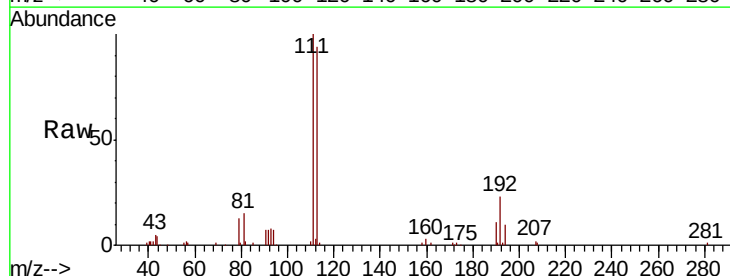


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

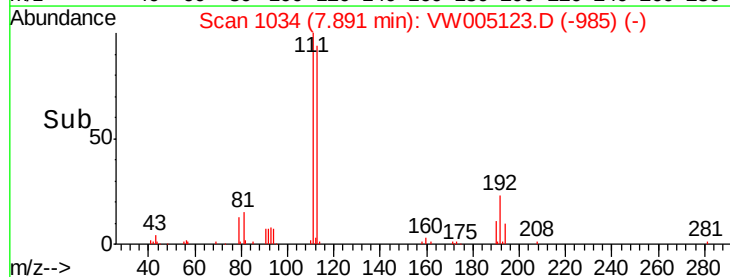
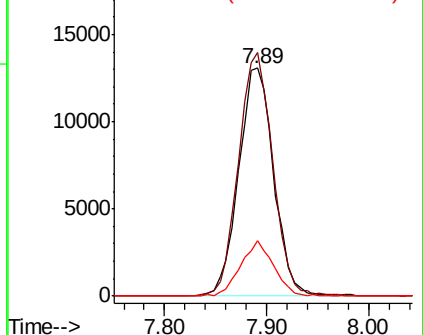


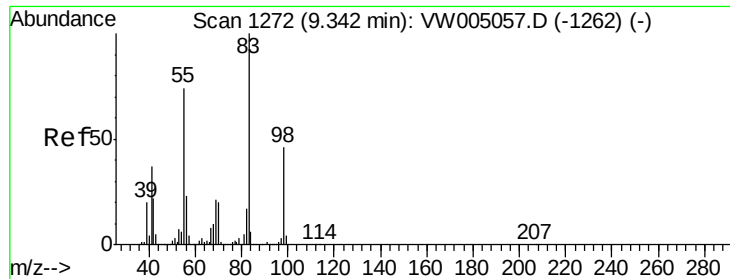
#35
 Dibromofluoromethane
 Concen: 35.42 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005123.D
 Acq: 05 Sep 2018 11:29

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	104.6	82.2	123.2
192	22.9	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





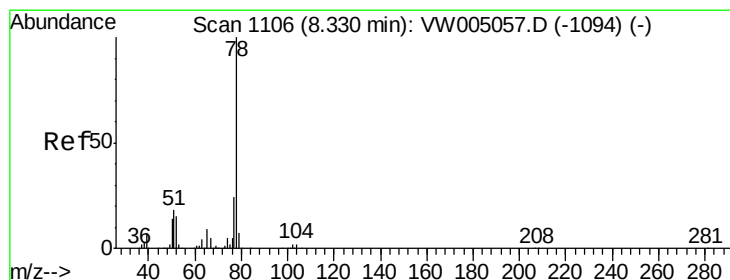
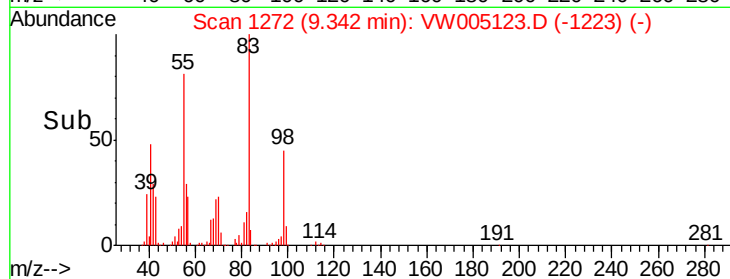
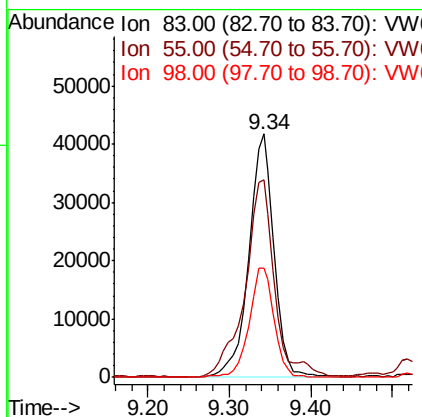
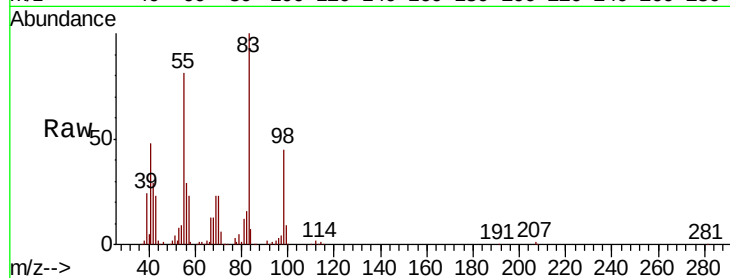
#39
Methvlcvclohexane
Concen: 51.49 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
KG-SLUDGE-1

Tot Ion	83	Resp	90215
Ion Ratio	100	Lower	Upper
83	100		
55	80.8	58.9	88.3
98	44.7	36.8	55.2

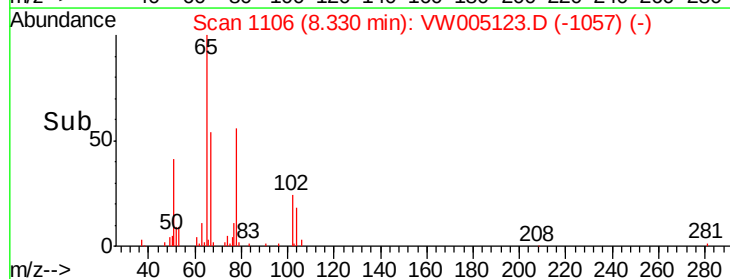
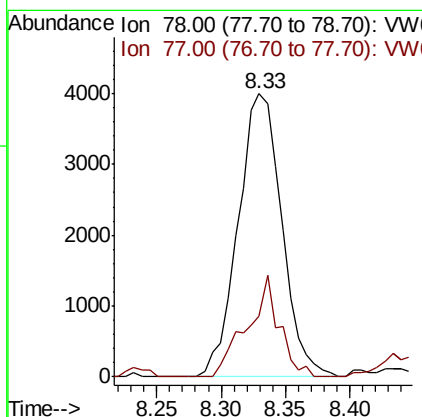
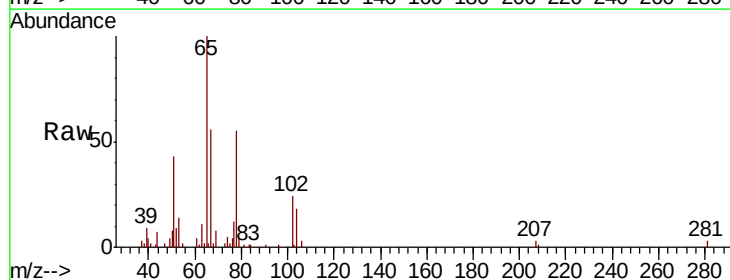
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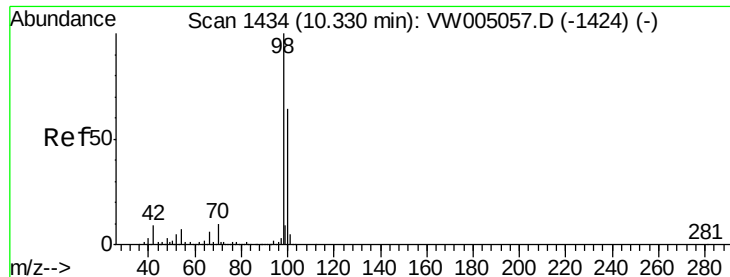
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#40
Benzene
Concen: 2.11 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Tgt Ion	78	Resp	9371
Ion Ratio	100	Lower	Upper
78	100		
77	21.6	19.4	29.0





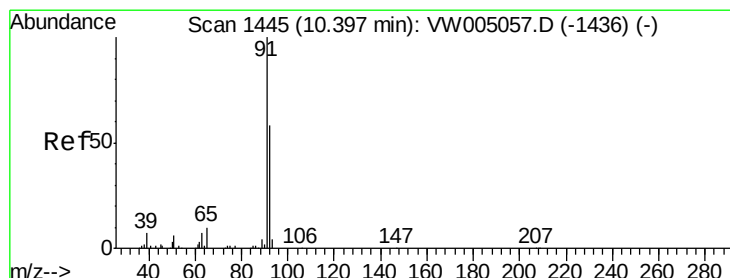
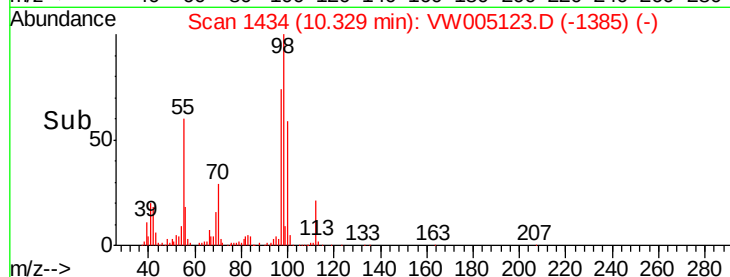
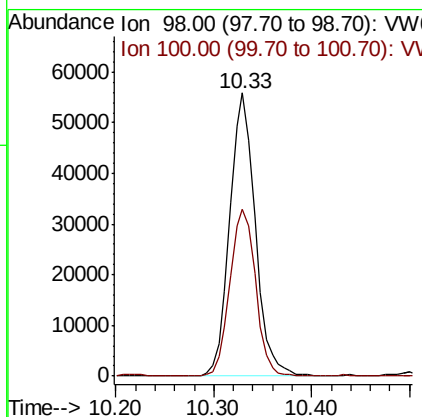
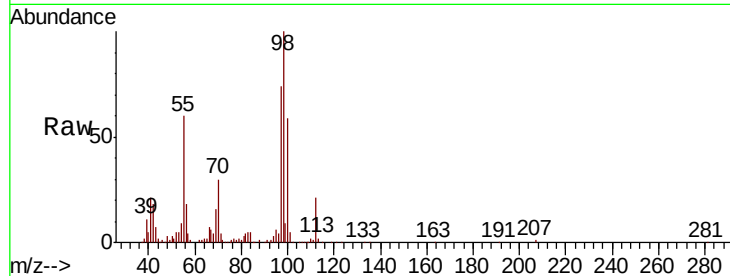
#50
Toluene-d8
Concen: 25.15 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
KG-SLUDGE-1

Tot Ion: 98 Resp: 101888
Ion Ratio Lower Upper
98 100
100 59.2 51.7 77.5

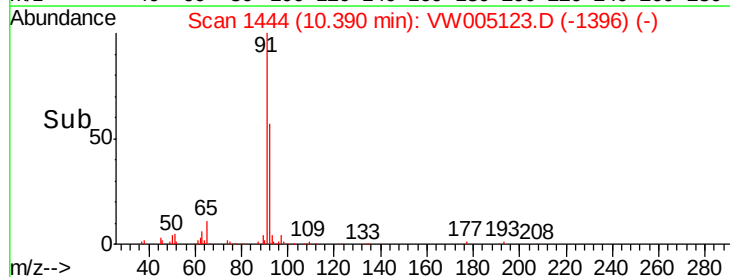
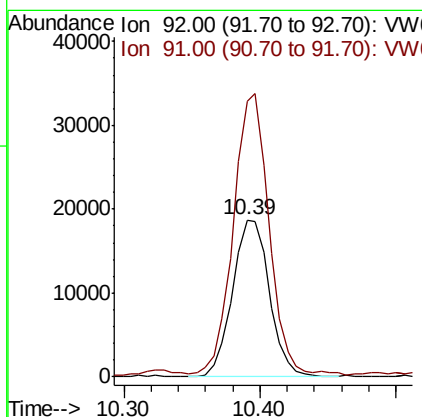
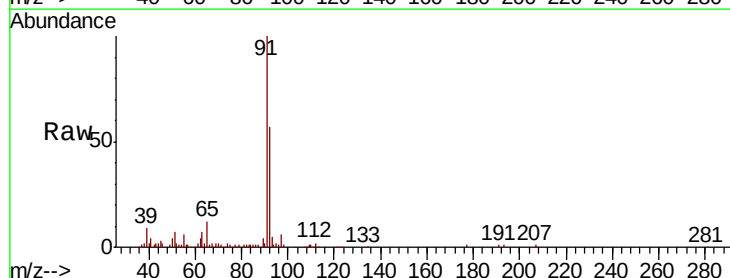
Manual Integrations
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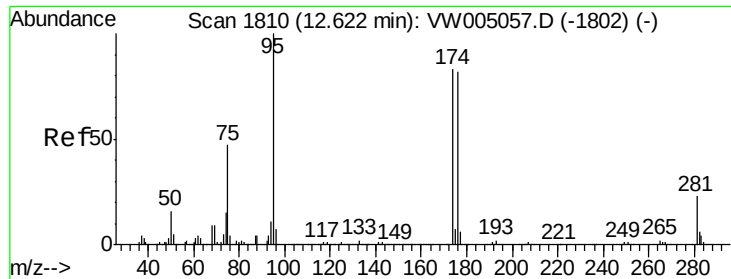
apatel
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#52
Toluene
Concen: 11.83 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.01 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Tgt Ion: 92 Resp: 35558
Ion Ratio Lower Upper
92 100
91 169.4 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 23.97 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

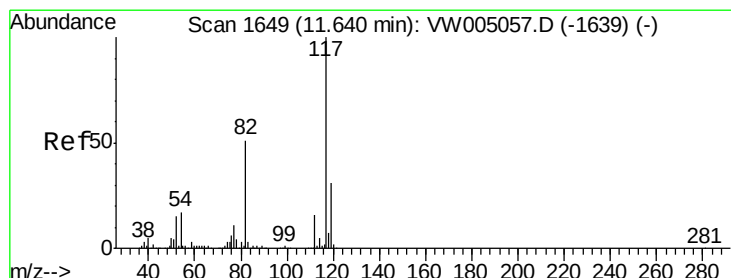
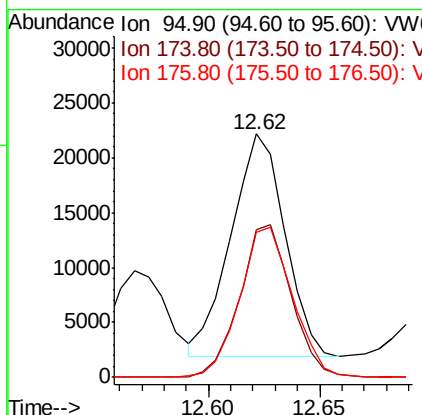
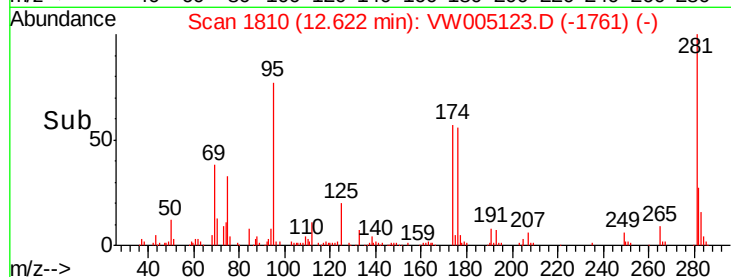
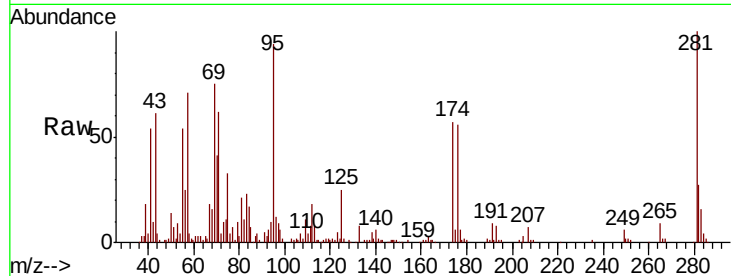
ClientSampled :

KG-SLUDGE-1

Tot Ion:	95	Resp:	34235
Ion Ratio	Lower	Upper	
95	100		
174	65.4	0.0	173.4
176	66.2	0.0	167.4

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

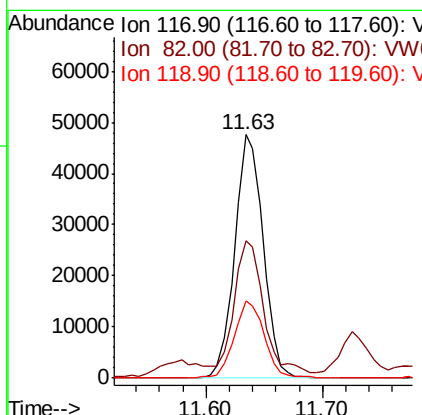
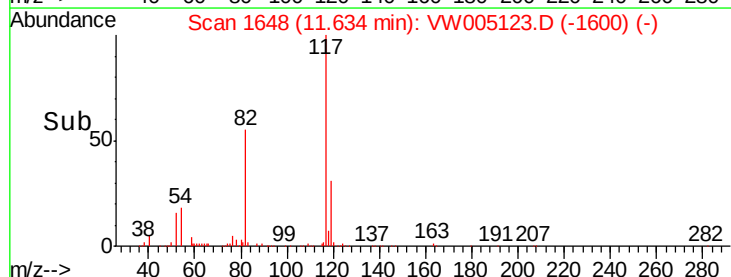
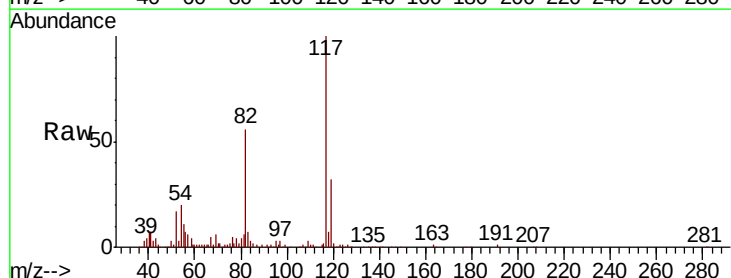
RT: 11.63 min Scan# 1648

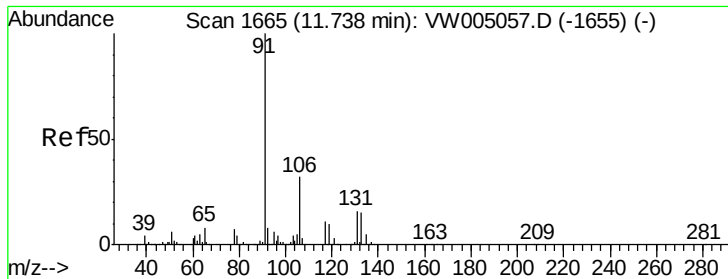
Delta R.T. -0.01 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Tgt Ion:	117	Resp:	81276
Ion Ratio	Lower	Upper	
117	100		
82	50.6	40.9	61.3
119	31.5	24.9	37.3





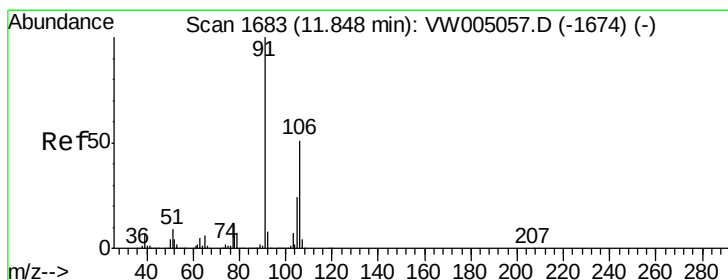
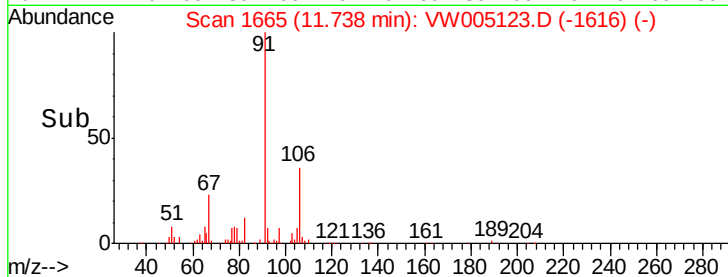
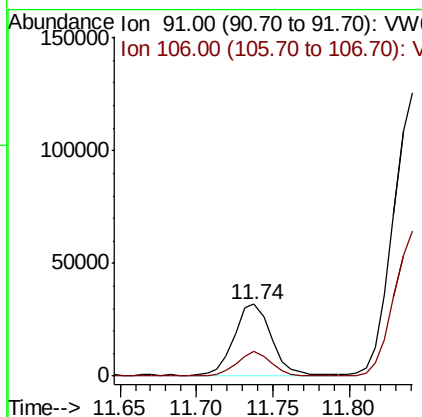
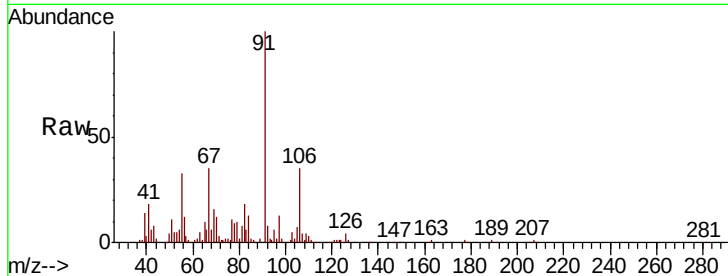
#67
Ethyl Benzene
Concen: 17.21 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Instrument :
MSVOA_W
ClientSampled :
KG-SLUDGE-1

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	35.4	25.3	37.9	

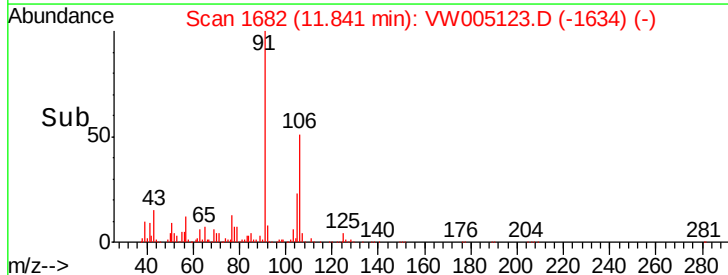
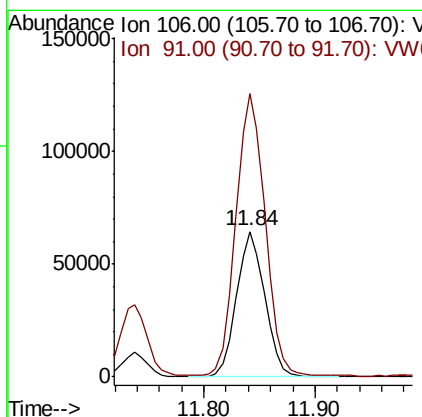
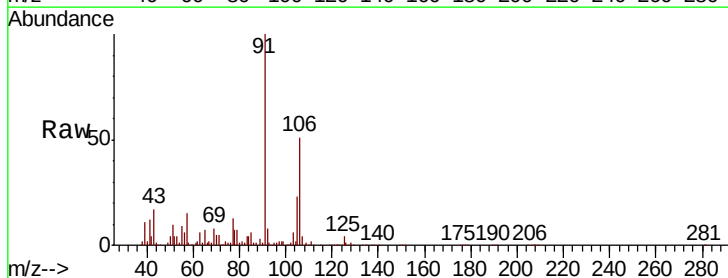
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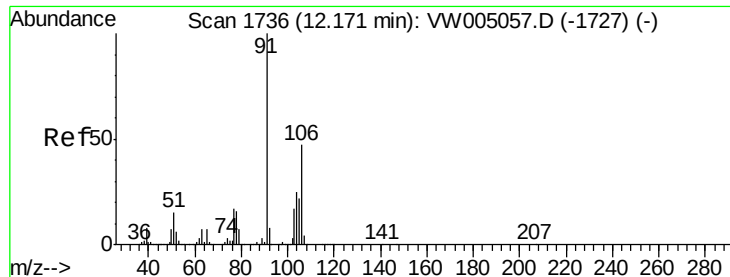
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#68
m/p-Xylenes
Concen: 90.64 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	201.1	158.4	237.6	





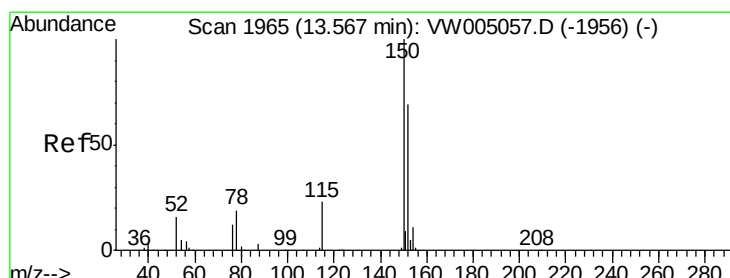
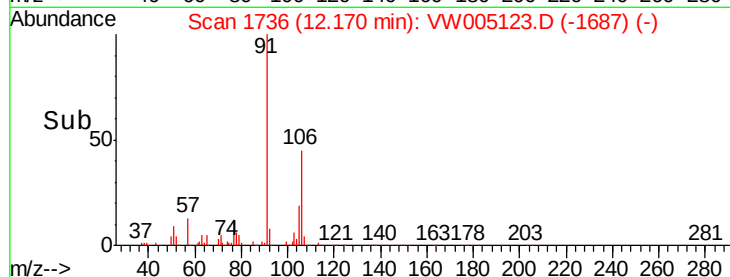
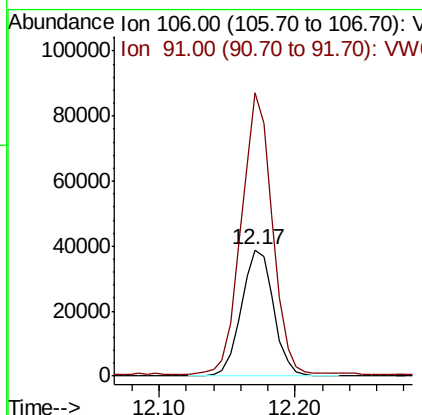
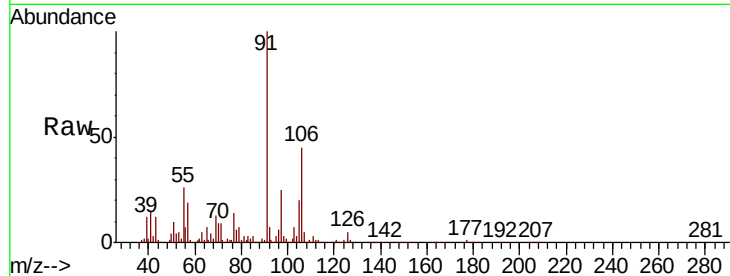
#69
o-Xylene
Concen: 55.44 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Instrument :
MSVOA_W
ClientSampled :
KG-SLUDGE-1

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.3	105.6	316.8

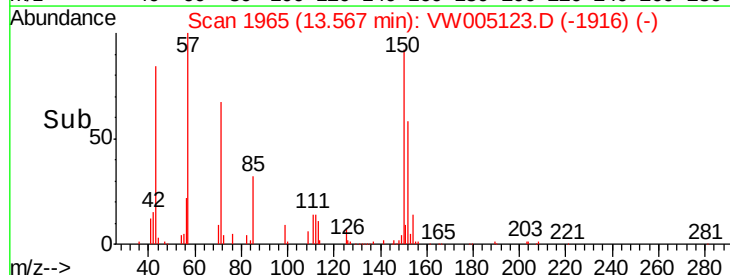
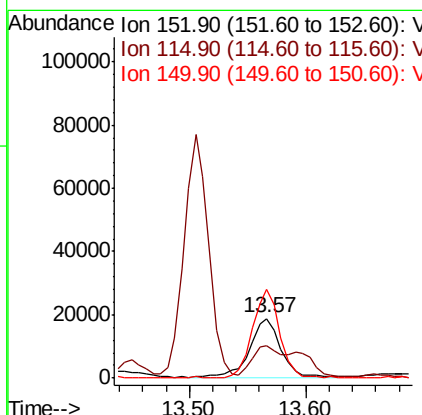
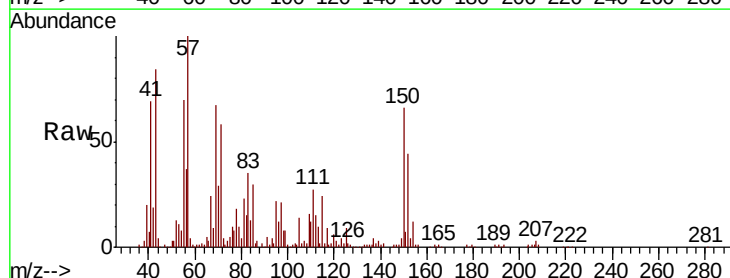
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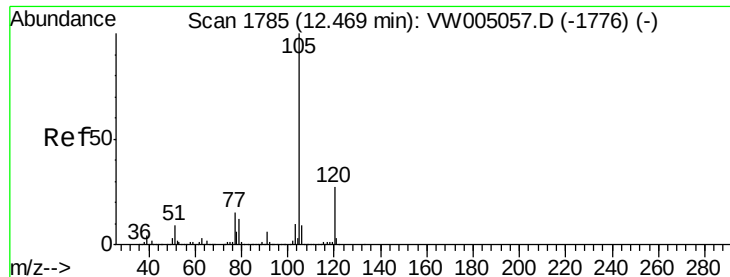
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.4	27.8	83.4
150	132.5	0.0	351.4





#73

Isopropylbenzene

Concen: 34.99 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

KG-SLUDGE-1

Tot Ion: 105 Resp: 83204

Ion Ratio Lower Upper

105 100

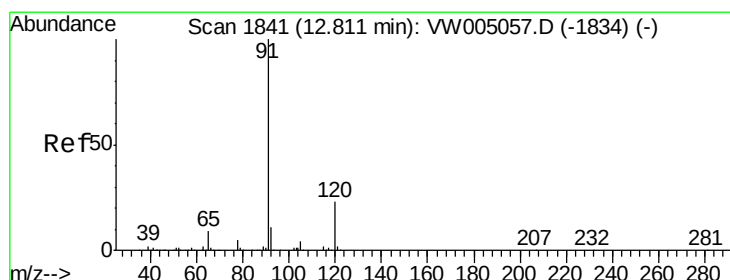
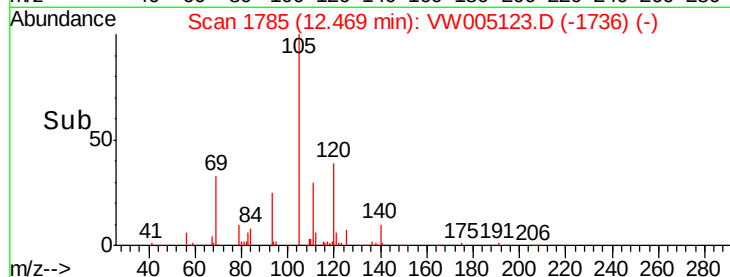
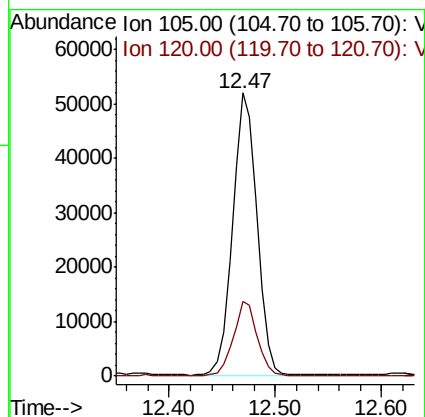
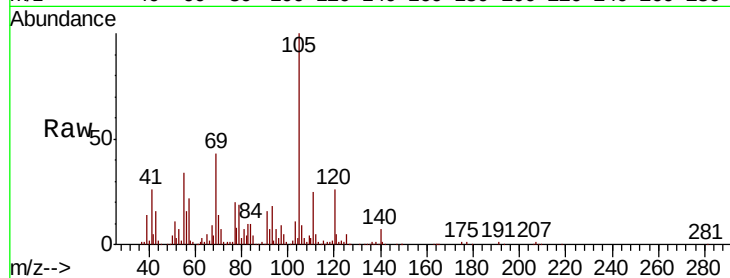
120 26.1 13.4 40.1

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#78

n-propylbenzene

Concen: 67.37 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005123.D

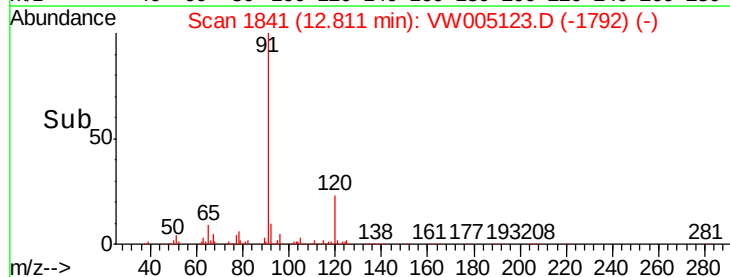
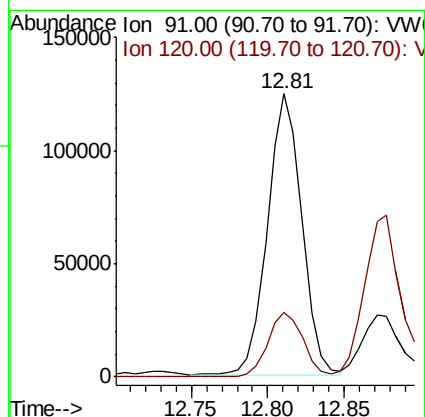
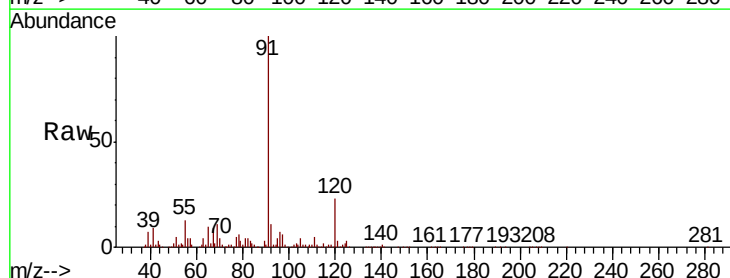
Acq: 05 Sep 2018 11:29

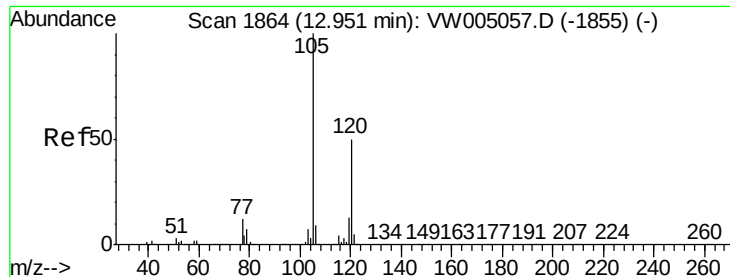
Tgt Ion: 91 Resp: 193400

Ion Ratio Lower Upper

91 100

120 23.3 11.8 35.3





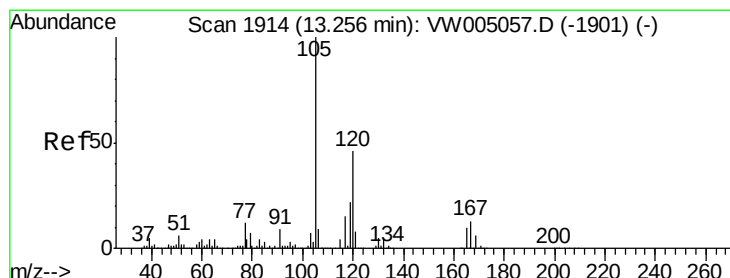
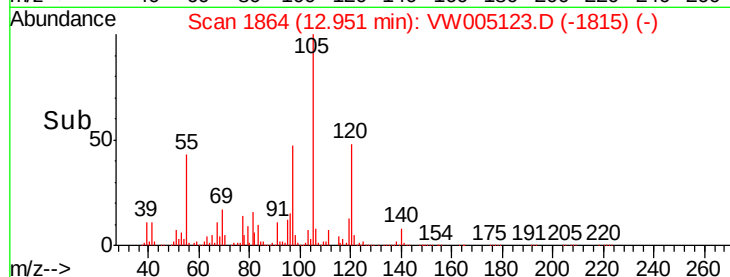
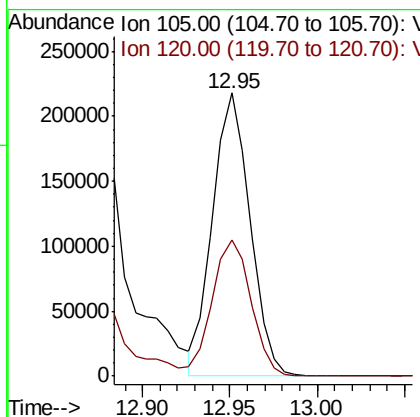
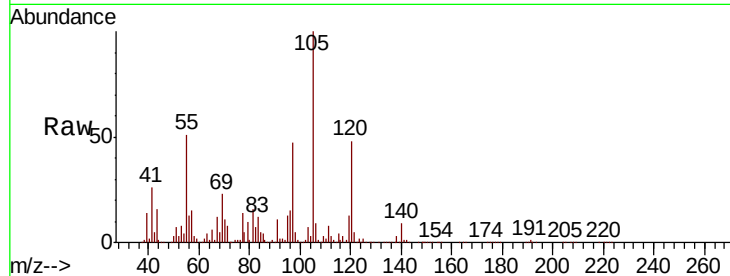
#80
 1,3,5-Trimethylbenzene
 Concen: 157.21 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW005123.D
 Acq: 05 Sep 2018 11:29

Instrument :
 MSVOA_W
 ClientSampled :
 KG-SLUDGE-1

Tot Ion	Ratio	Lower	Upper
105	100		
120	50.5	24.9	74.8

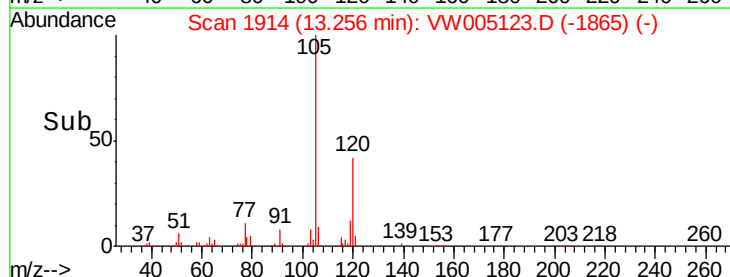
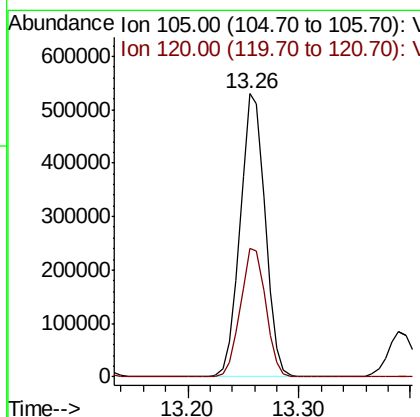
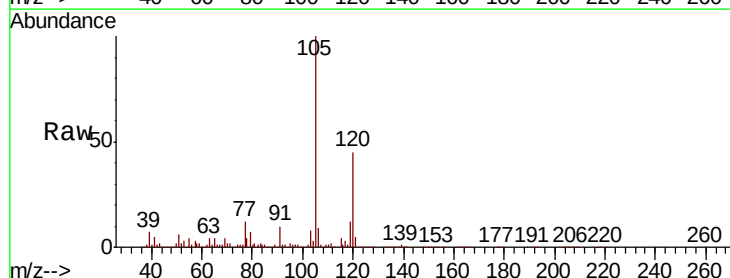
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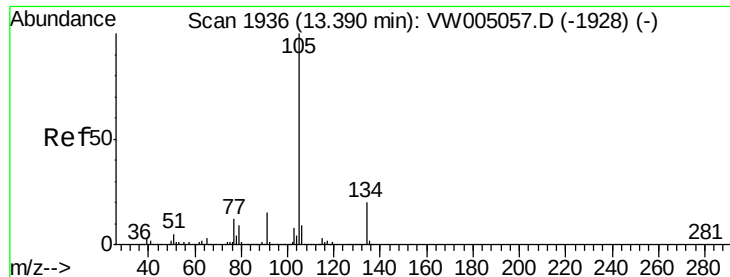
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#84
 1,2,4-Trimethylbenzene
 Concen: 392.44 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005123.D
 Acq: 05 Sep 2018 11:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3





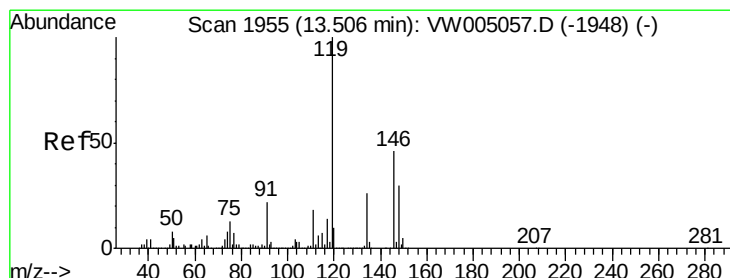
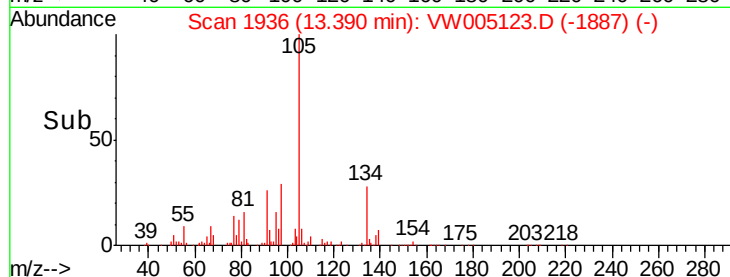
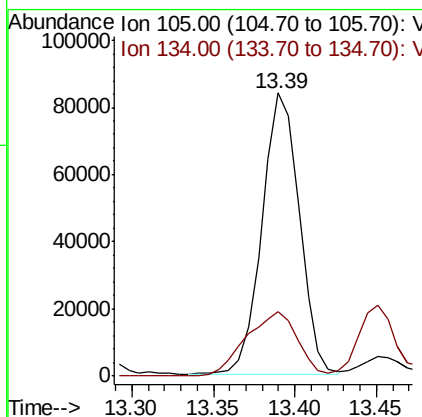
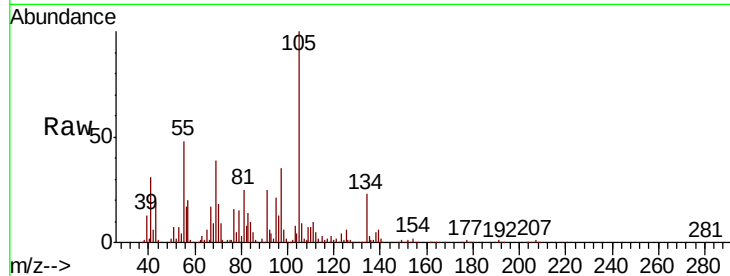
#85
 sec-Butylbenzene
 Concen: 52.44 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005123.D
 Acq: 05 Sep 2018 11:29

Instrument :
 MSVOA_W
 ClientSampleId :
 KG-SLUDGE-1

Tot Ion	Ratio	Lower	Upper
105	100		
134	31.5	10.1	30.3#

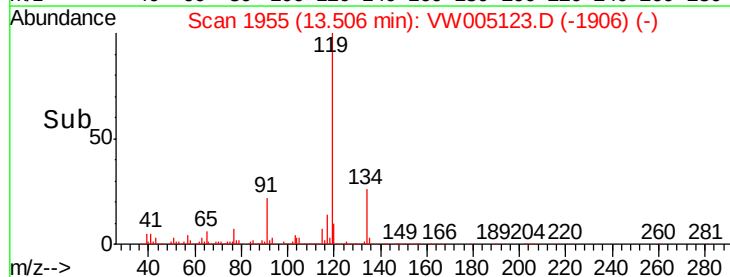
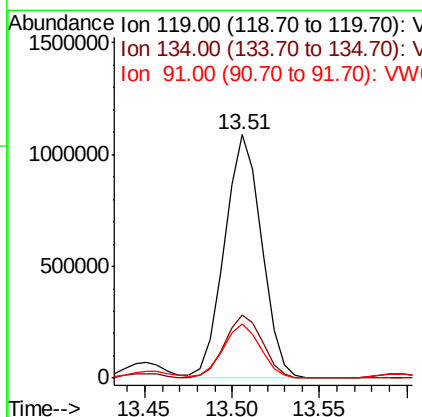
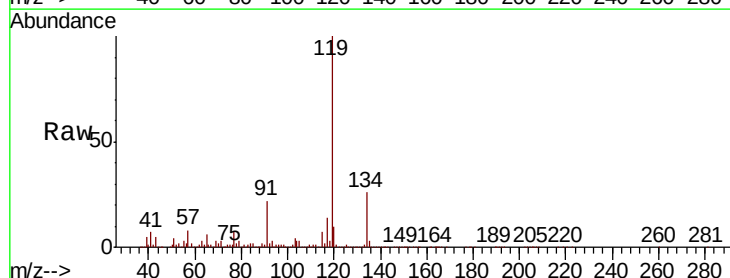
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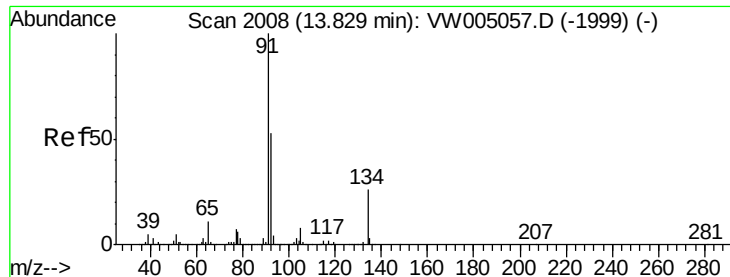
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#86
 p-Isopropyltoluene
 Concen: 719.33 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005123.D
 Acq: 05 Sep 2018 11:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.3	39.8
91	22.1	10.9	32.9





#89

n-Butylbenzene

Concen: 83.89 ug/l m

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

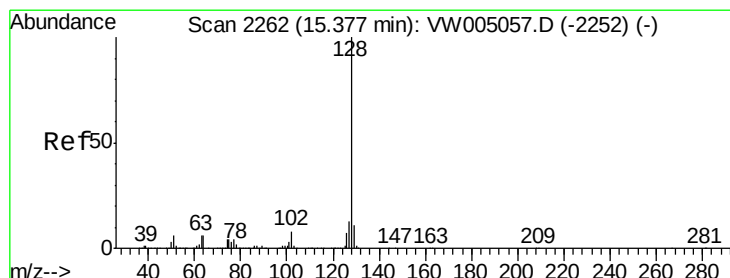
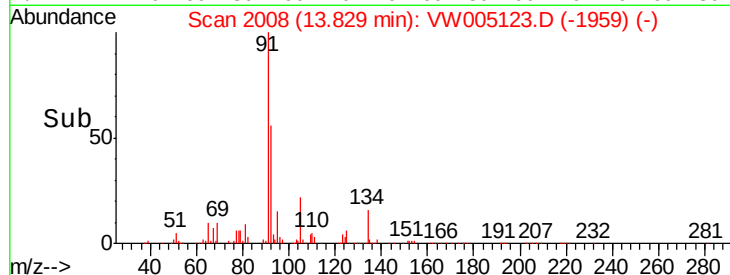
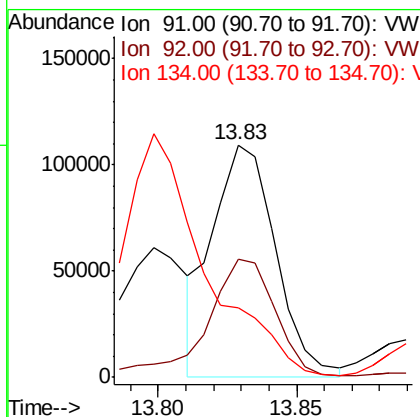
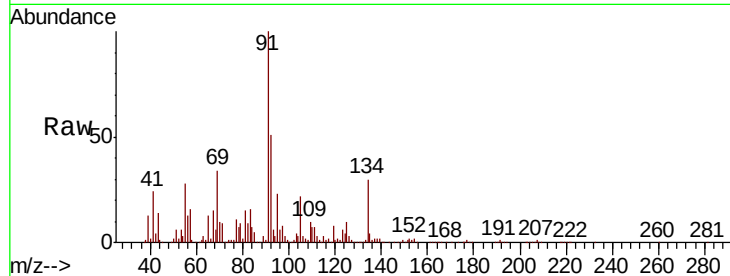
ClientSampled :

KG-SLUDGE-1

Tot Ion:	91	Resp:	173693
Ion Ratio	Lower	Upper	
91	100		
92	0.0	26.5	79.5#
134	0.0	13.5	40.4#

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#95

Naphthalene

Concen: 82.30 ug/l m

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Tgt Ion:	128	Resp:	103471
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#

