

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 06:43:27 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						
33) 1,2-Dichloroethane-d4	6.06	65	179895	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
35) Dibromofluoromethane	5.50	113	151244	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	8.71	98	599147	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	11.14	95	261474	60.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1113	0.63	ug/l	# 85
5) Bromomethane	1.63	94	1063	Below	Cal	86
6) Chloroethane	1.70	64	1226	1.42	ug/l	# 51
10) Methyl Iodide	2.49	142	1147	4.59	ug/l	# 93
11) Tert butyl alcohol	3.03	59	5444	7.61	ug/l	# 81
13) Acrolein	2.28	56	94	0.55	ug/l	# 73
15) Acrylonitrile	3.16	53	468	0.26	ug/l	# 61
16) Acetone	2.48	43	5009	Below	Cal	92
17) Carbon Disulfide	2.53	76	1223	0.96	ug/l	# 89
18) Methyl Acetate	2.79	43	38989	7.83	ug/l	99
20) Methylene Chloride	2.84	84	4061	1.26	ug/l	95
25) 2-Butanone	4.75	43	4825	Below	Cal	97
29) Tetrahydrofuran	5.21	42	1145	0.79	ug/l	# 79
36) 1,1-Dichloropropene	5.65	75	16793	3.63	ug/l	# 49
37) Ethyl Acetate	4.75	43	4825	1.06	ug/l	# 85
38) Carbon Tetrachloride	5.65	117	22372	5.14	ug/l	# 15
39) Methylcyclohexane	7.45	83	2232	0.42	ug/l	98
40) Benzene	6.14	78	4355	0.32	ug/l	97
51) 4-Methyl-2-Pentanone	8.67	43	1547	0.30	ug/l	# 81
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
74) N-amyl acetate	10.91	43	3060	0.43	ug/l	# 1
76) 1,2,3-Trichloropropane	11.14	75	123630	21.43	ug/l	# 37
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
81) trans-1,4-Dichloro-2-buten	11.14	75	123630	69.54	ug/l	# 10
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
88) 1,4-Dichlorobenzene	12.10	146	3902	0.38	ug/l	# 17
89) n-Butylbenzene	12.38	91	18258	1.36	ug/l	# 47

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Response via : Initial Calibration

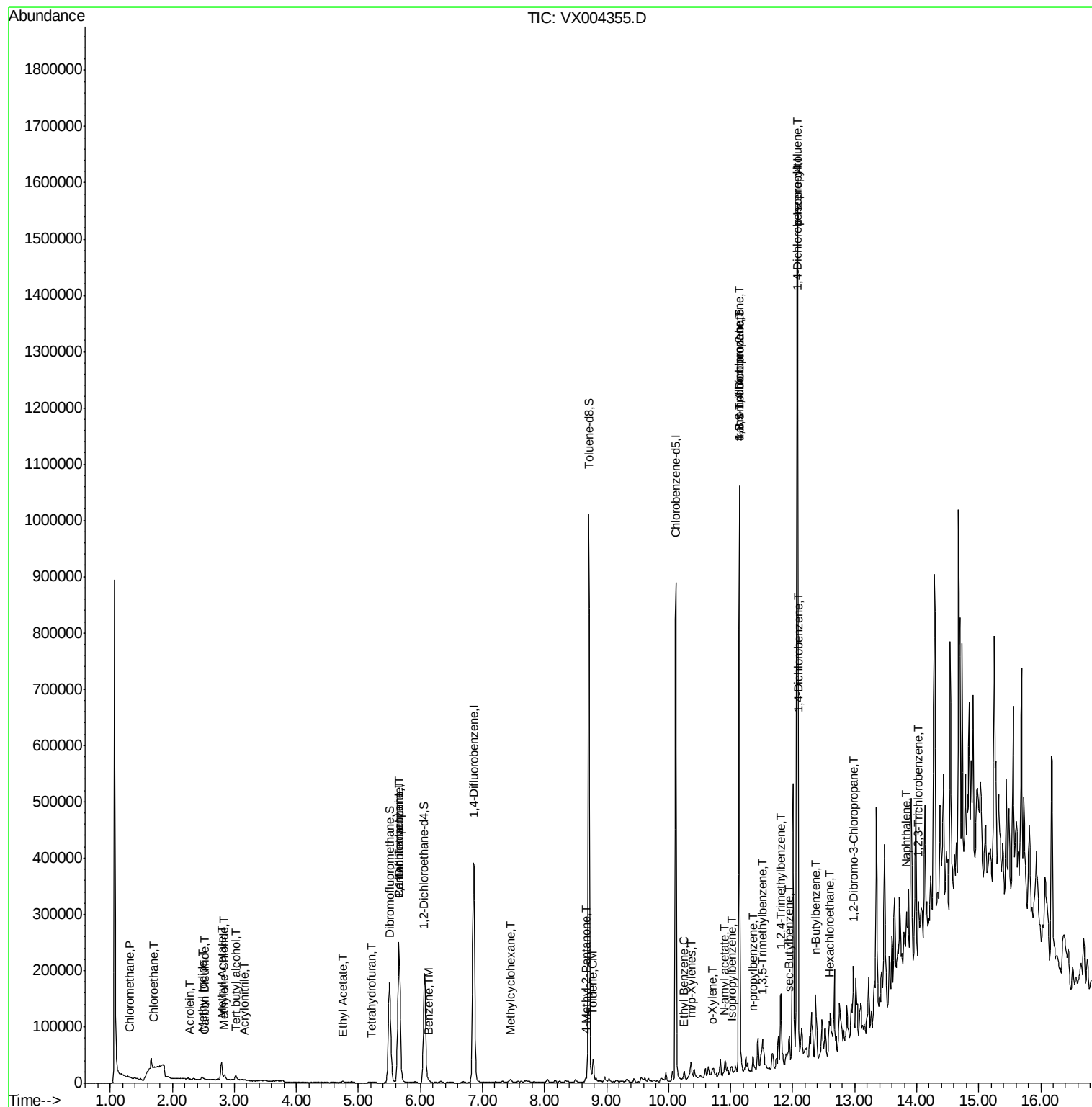
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.59	117	2386	1.03	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.98	75	415	0.36	ug/l #	14
94) Hexachlorobutadiene	13.78	225	283	Below Cal		95
95) Naphthalene	13.83	128	69443	3.75	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.04	180	5885	0.85	ug/l #	1

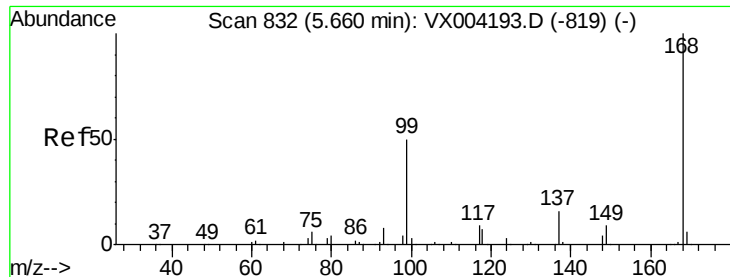
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090418\
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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

ClientSampled :

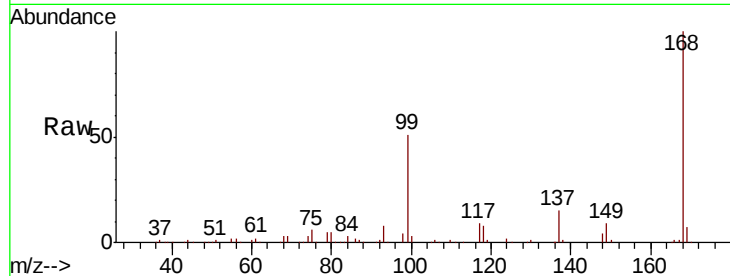
KG-SLUDGE-2

Tot Ion:168 Resp: 257368

Ion Ratio Lower Upper

168 100

99 50.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

100000

80000

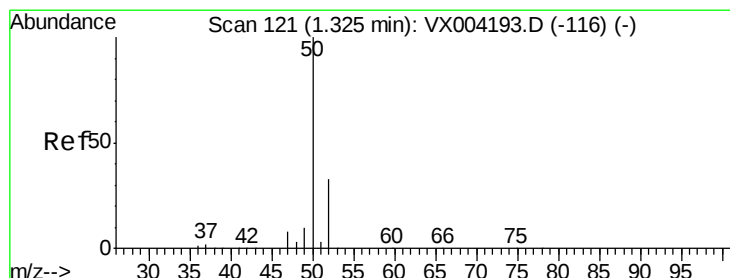
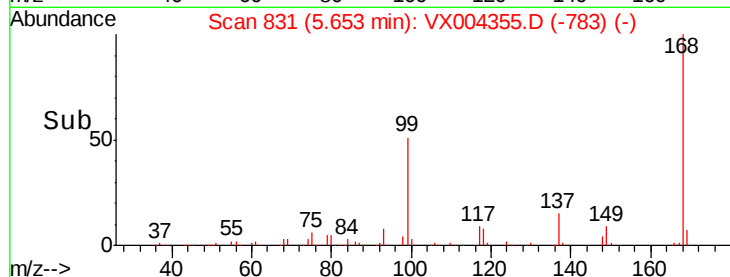
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.63 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004355.D

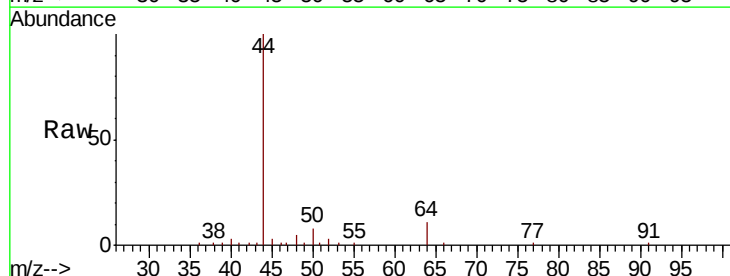
Acq: 04 Sep 2018 18:53

Tgt Ion: 50 Resp: 1113

Ion Ratio Lower Upper

50 100

52 41.2 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

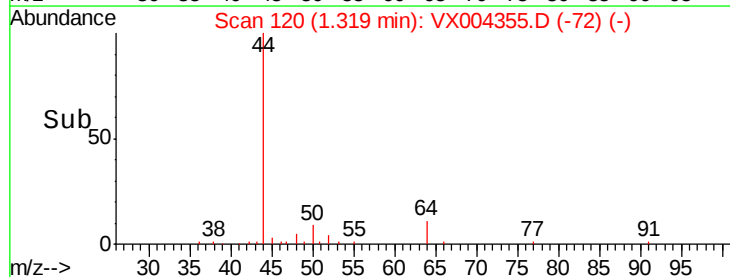
600

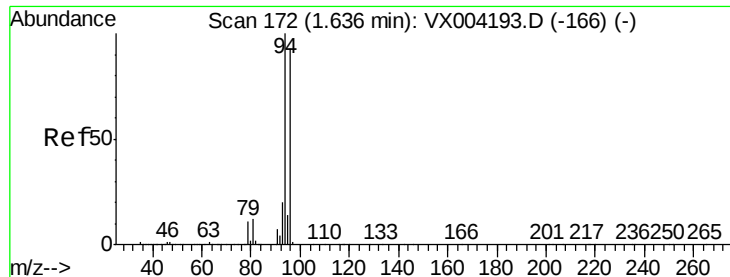
400

200

0

Time--> 1.25 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

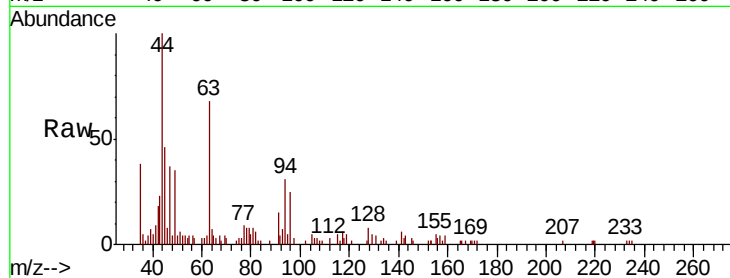
KG-SLUDGE-2

Tot Ion: 94 Resp: 1063

Ion Ratio Lower Upper

94 100

96 79.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1200

1000

800

600

400

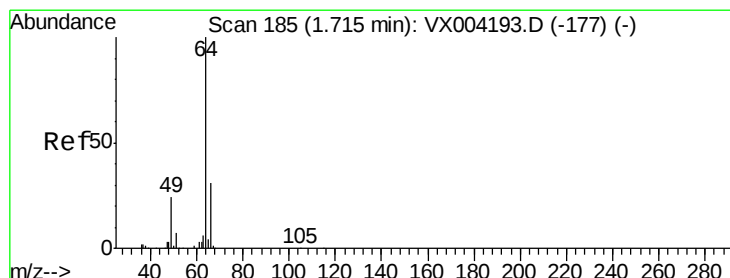
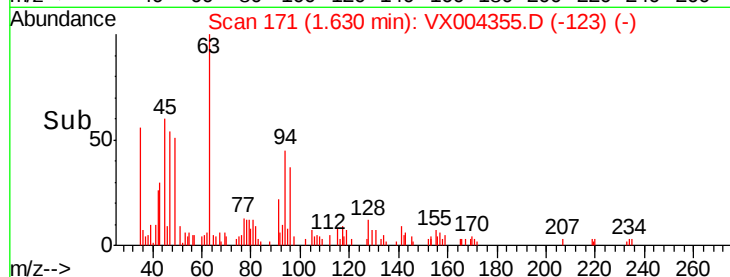
200

0

Time-->

1.60

1.65



#6

Chloroethane

Concen: 1.42 ug/l

RT: 1.70 min Scan# 182

Delta R.T. -0.02 min

Lab File: VX004355.D

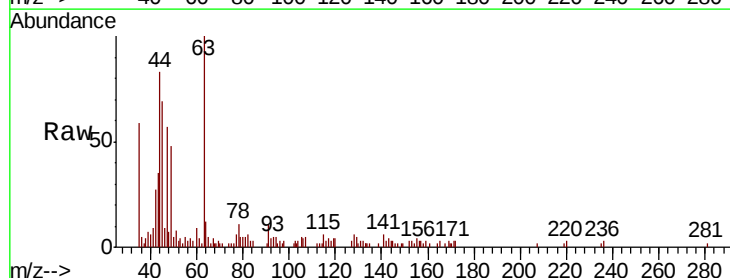
Acq: 04 Sep 2018 18:53

Tgt Ion: 64 Resp: 1226

Ion Ratio Lower Upper

64 100

66 3.7 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

400

300

200

100

0

Time-->

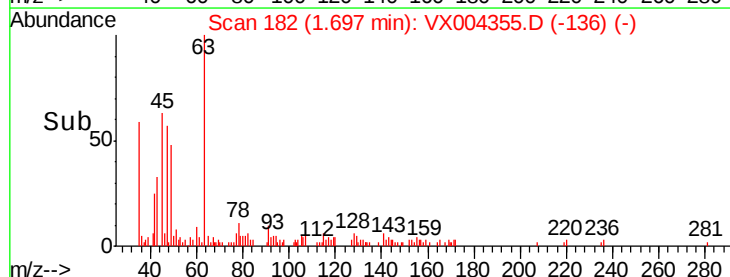
1.55

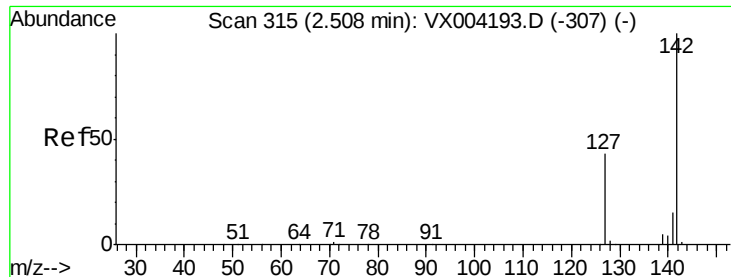
1.60

1.65

1.70

1.75

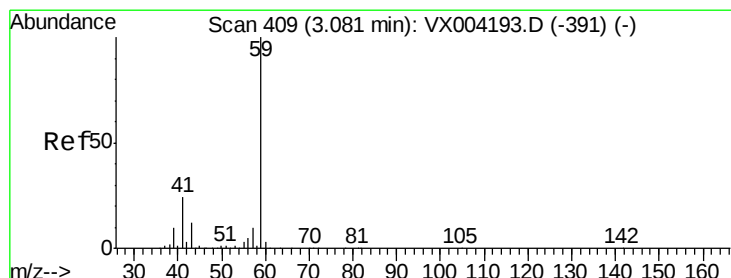
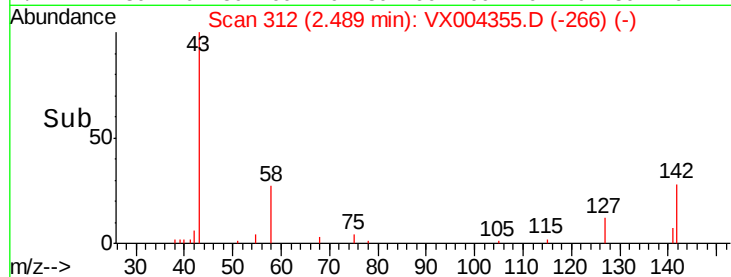
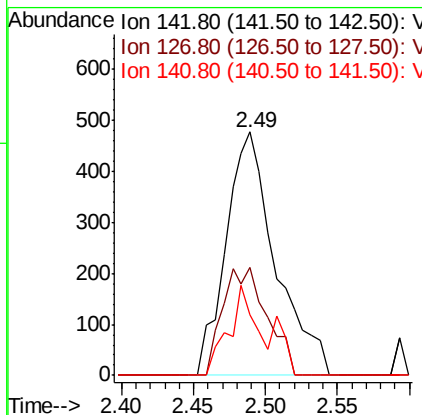
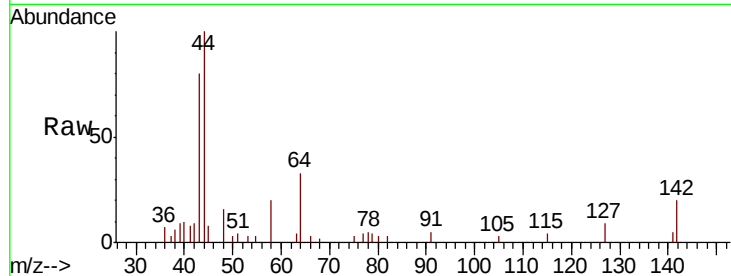




#10
Methvl Iodide
Concen: 4.59 ug/l
RT: 2.49 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

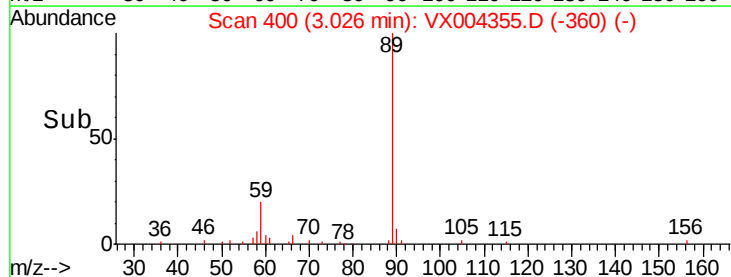
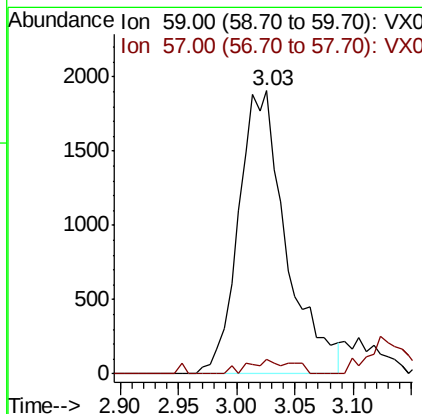
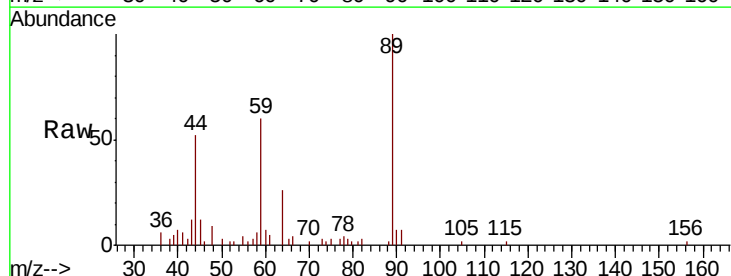
Instrument :
MSVOA_X
ClientSampleId :
KG-SLUDGE-2

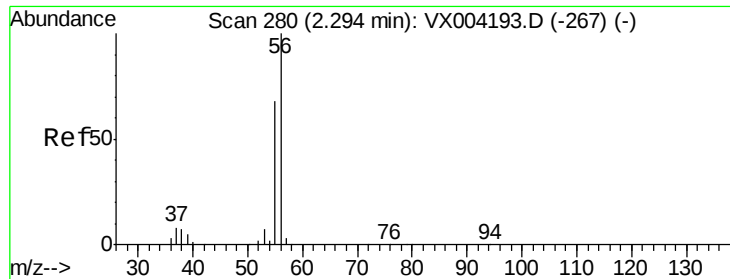
Tot Ion:142 Resp: 1147
Ion Ratio Lower Upper
142 100
127 39.8 33.8 50.6
141 20.7 11.4 17.0#



#11
Tert butyl alcohol
Concen: 7.61 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Tgt Ion: 59 Resp: 5444
Ion Ratio Lower Upper
59 100
57 3.2 8.2 12.4#





#13

Acrolein

Concen: 0.55 ug/l

RT: 2.28 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampled :

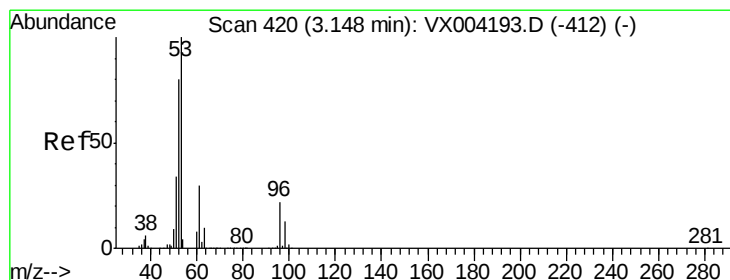
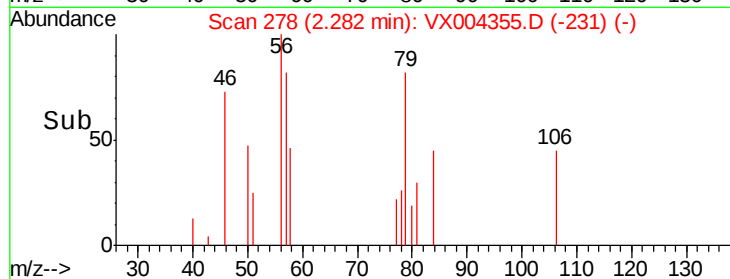
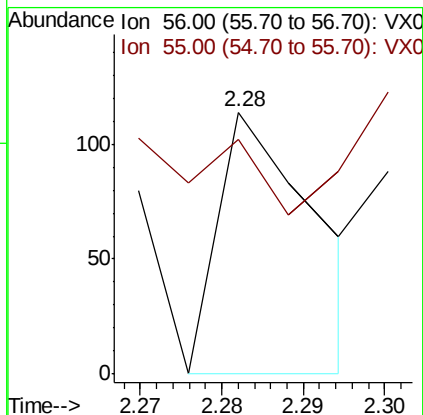
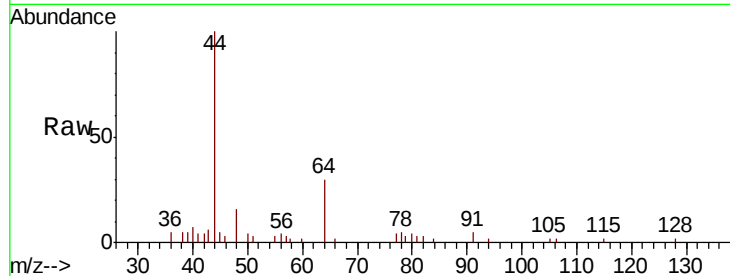
KG-SLUDGE-2

Tot Ion: 56 Resp: 94

Ion Ratio Lower Upper

56 100

55 46.8 54.7 82.1#



#15

Acrylonitrile

Concen: 0.26 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

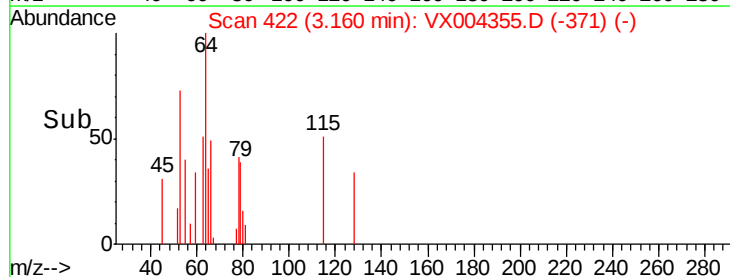
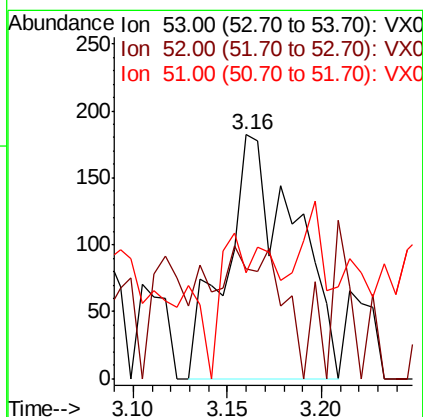
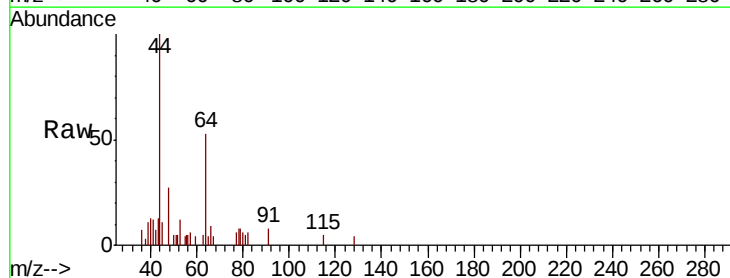
Tgt Ion: 53 Resp: 468

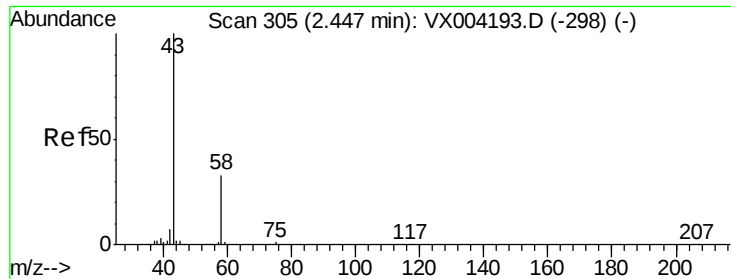
Ion Ratio Lower Upper

53 100

52 37.0 65.2 97.8#

51 42.7 28.2 42.2#





#16

Acetone

Concen: Below Cal

RT: 2.48 min Scan# 311

Delta R.T. 0.04 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampled :

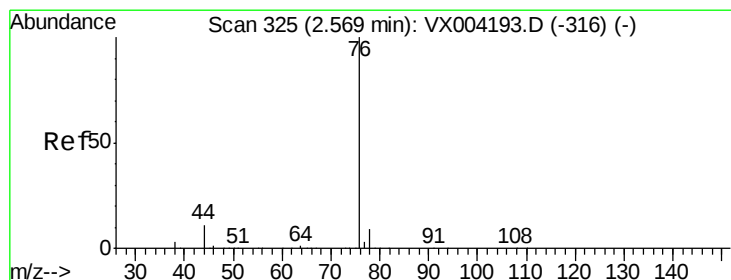
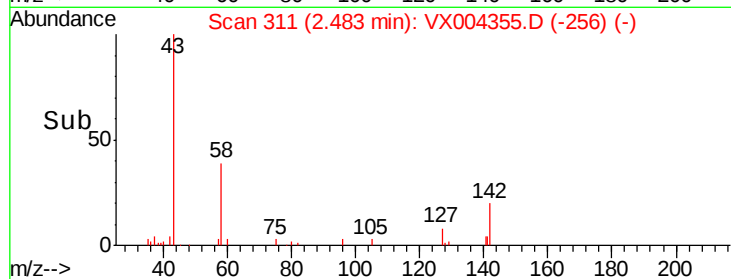
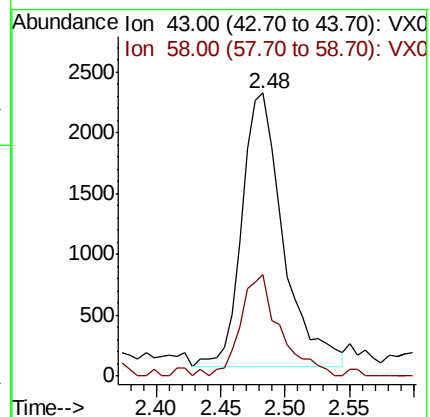
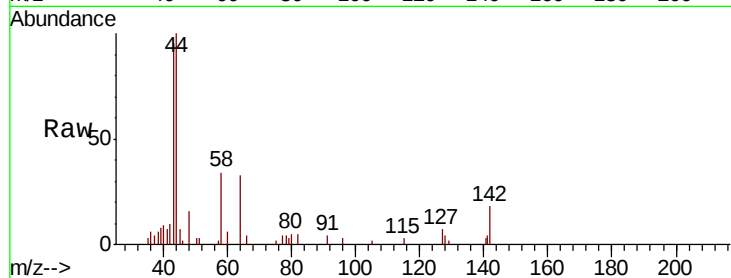
KG-SLUDGE-2

Tot Ion: 43 Resp: 5009

Ion Ratio Lower Upper

43 100

58 37.1 26.2 39.4



#17

Carbon Disulfide

Concen: 0.96 ug/l

RT: 2.53 min Scan# 319

Delta R.T. -0.04 min

Lab File: VX004355.D

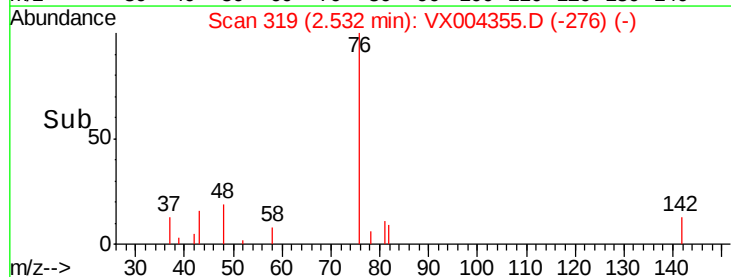
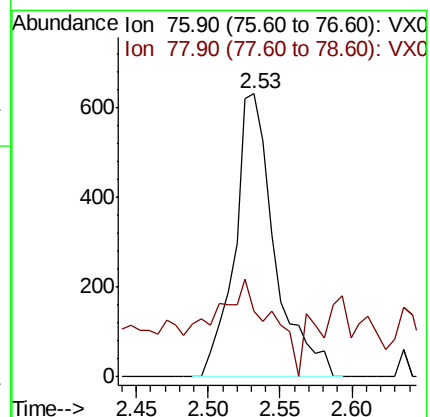
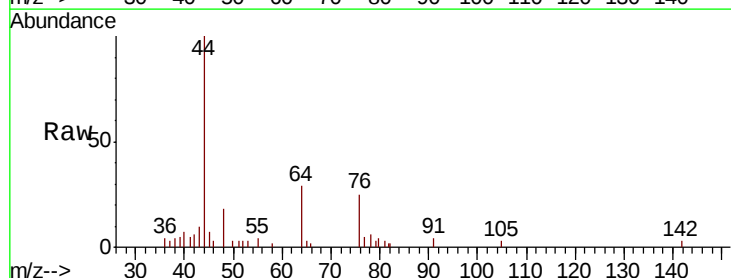
Acq: 04 Sep 2018 18:53

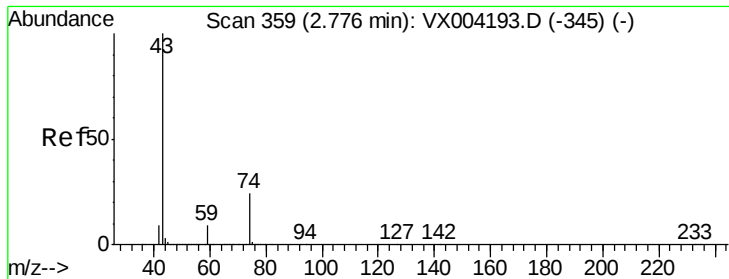
Tgt Ion: 76 Resp: 1223

Ion Ratio Lower Upper

76 100

78 4.7 7.0 10.6#

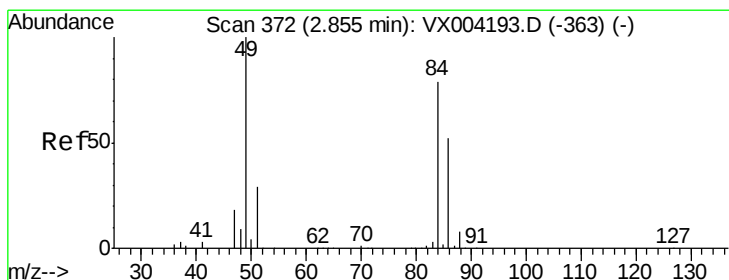
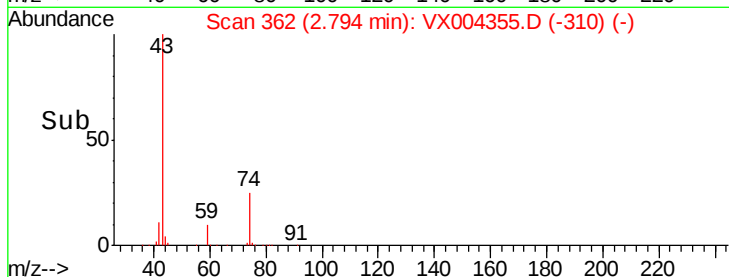
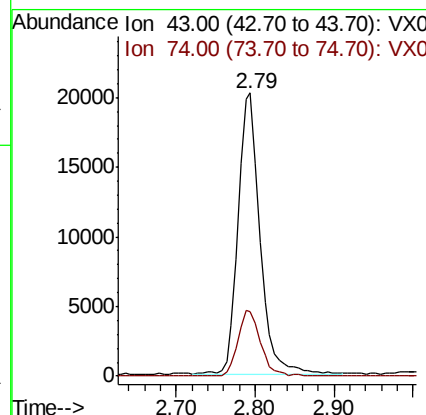
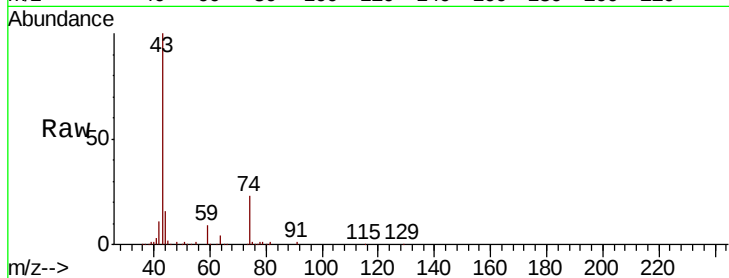




#18
Methvl Acetate
Concen: 7.83 ug/l
RT: 2.79 min Scan# 362
Delta R.T. 0.02 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

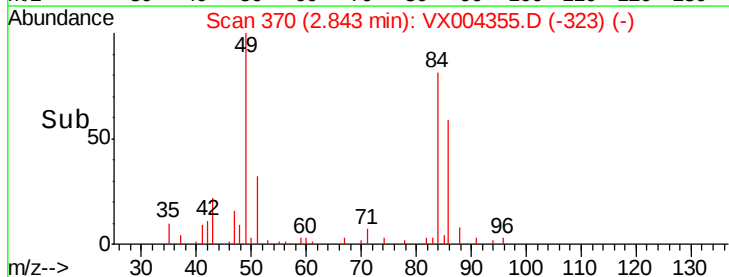
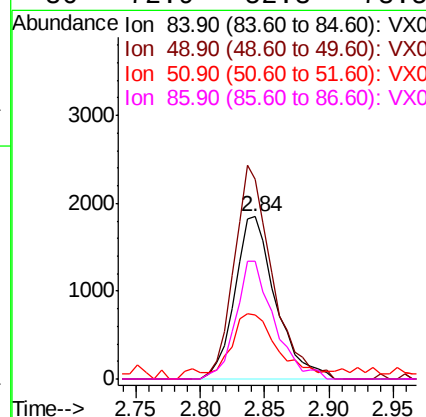
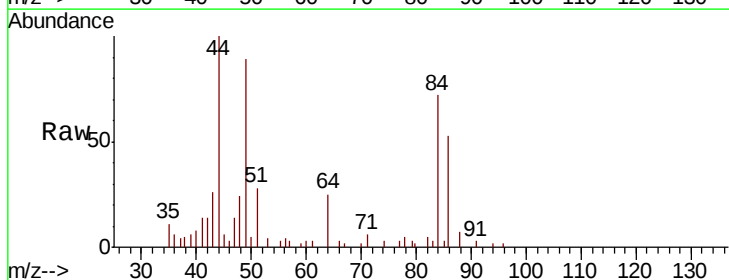
Instrument :
MSVOA_X
ClientSampled :
KG-SLUDGE-2

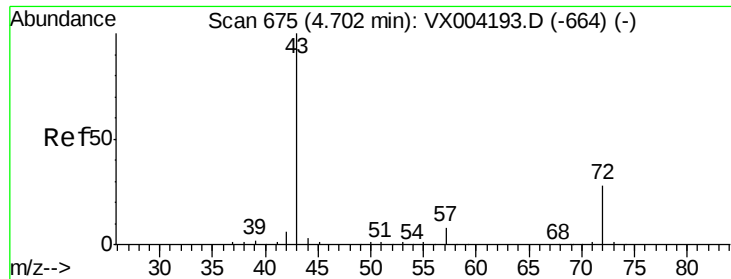
Tot Ion: 43 Resp: 38989
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2



#20
Methylene 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

Tgt 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





#25

2-Butanone

Concen: Below Cal

RT: 4.75 min Scan# 683

Delta R.T. 0.05 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampled :

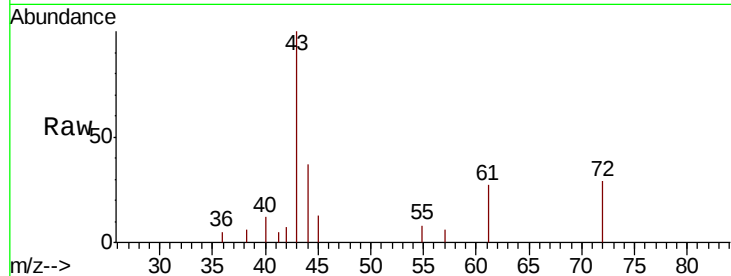
KG-SLUDGE-2

Tot Ion: 43 Resp: 4825

Ion Ratio Lower Upper

43 100

72 29.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.75

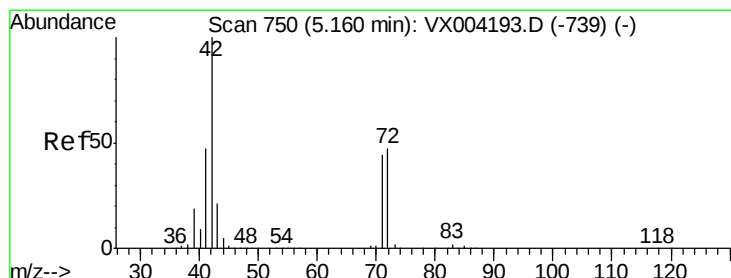
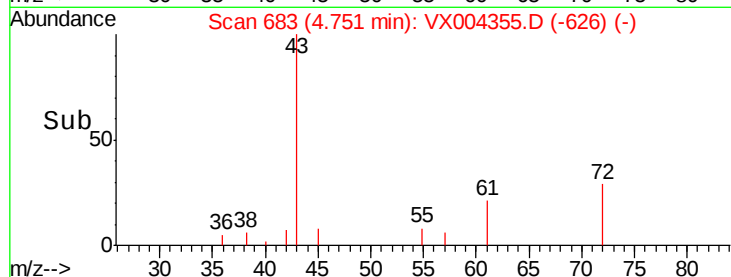
1500

1000

500

0

Time-->



#29

Tetrahydrofuran

Concen: 0.79 ug/l

RT: 5.21 min Scan# 758

Delta R.T. 0.05 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

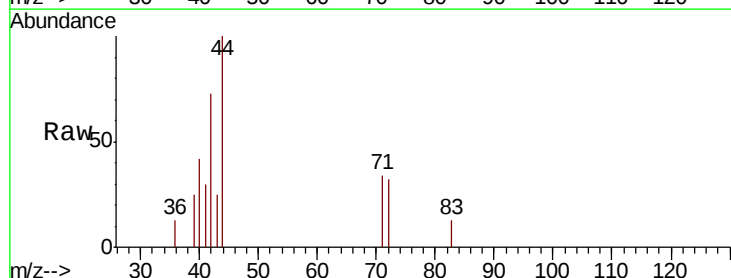
Tgt Ion: 42 Resp: 1145

Ion Ratio Lower Upper

42 100

72 28.4 37.4 56.0#

71 33.9 34.5 51.7#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

5.21

400

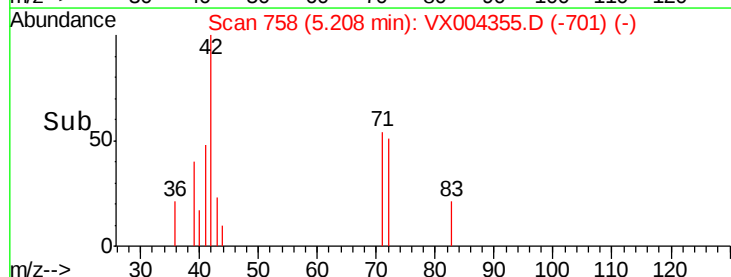
300

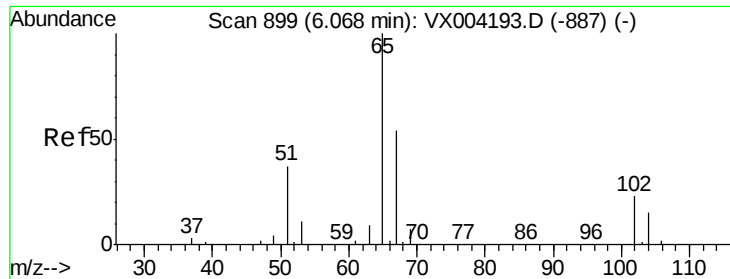
200

100

0

Time-->

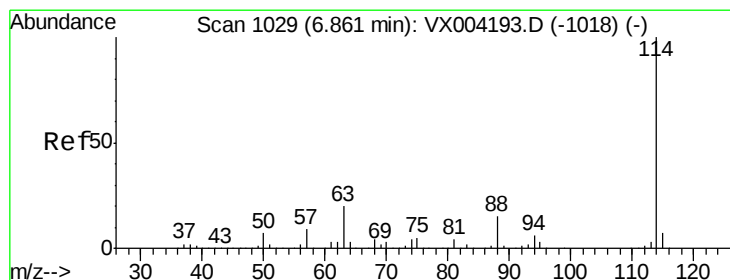
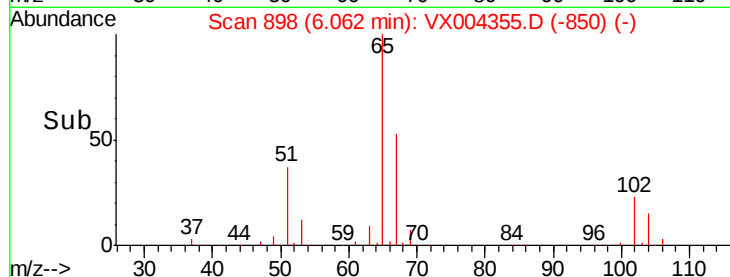
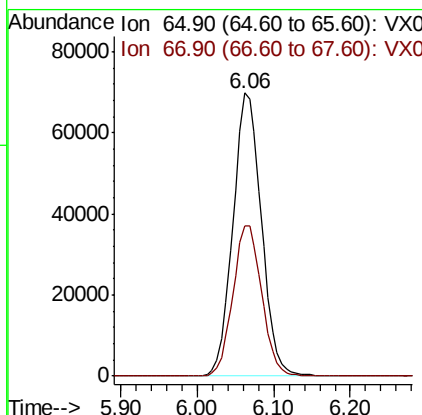
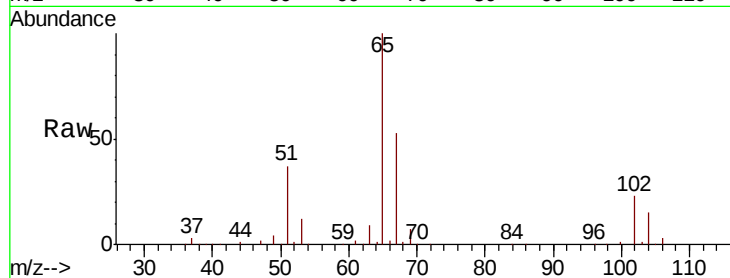




#33
 1,2-Dichloroethane-d4
 Concen: 53.63 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX004355.D
 Acq: 04 Sep 2018 18:53

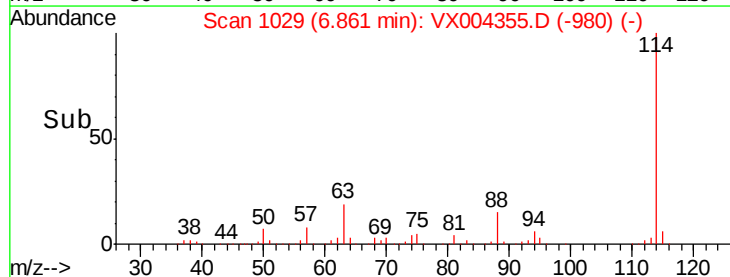
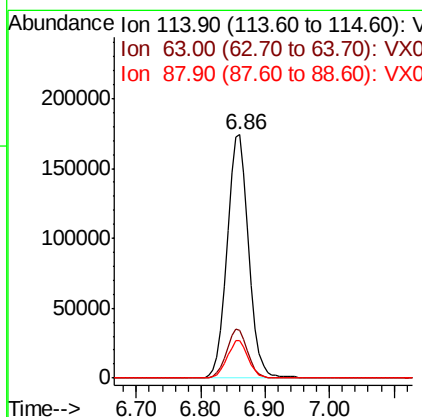
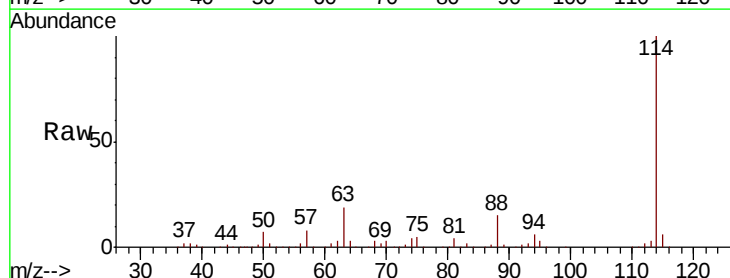
Instrument :
 MSVOA_X
 ClientSampleId :
 KG-SLUDGE-2

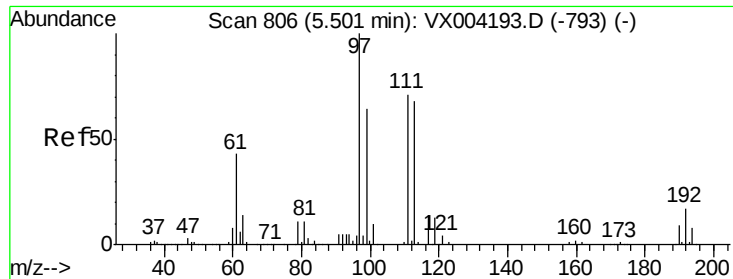
Tot Ion: 65 Resp: 179895
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



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

Tgt 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

Instrument :

MSVOA_X

ClientSampleId :

KG-SLUDGE-2

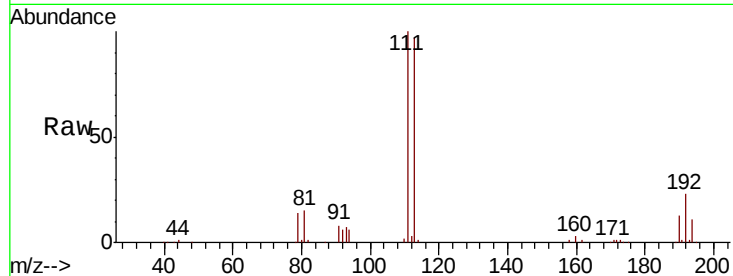
Tot Ion:113 Resp: 151244

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

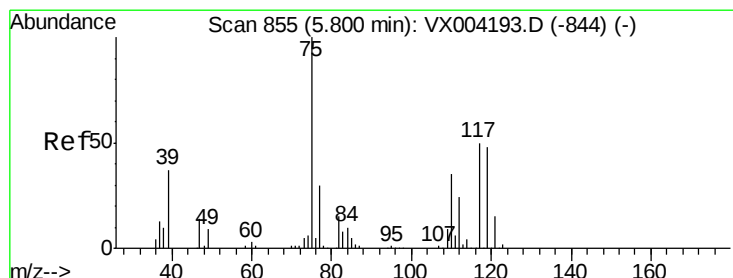
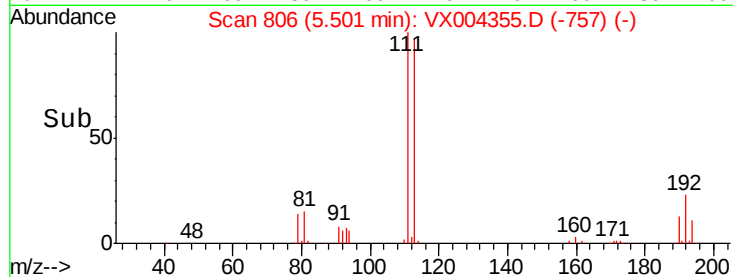
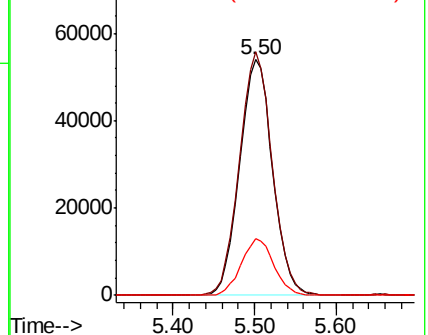
192 23.8 19.4 29.2



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



#36

1,1-Dichloropropene

Concen: 3.63 ug/l

RT: 5.65 min Scan# 831

Delta R.T. -0.15 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

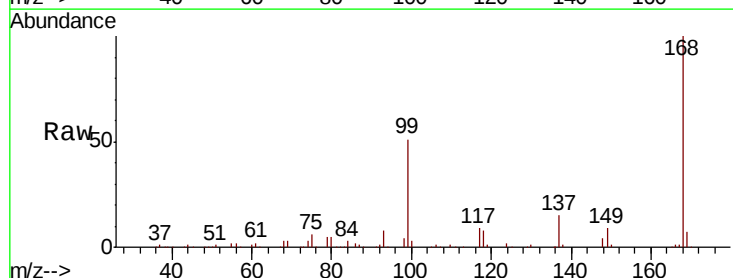
Tgt Ion: 75 Resp: 16793

Ion Ratio Lower Upper

75 100

110 9.1 18.0 54.0#

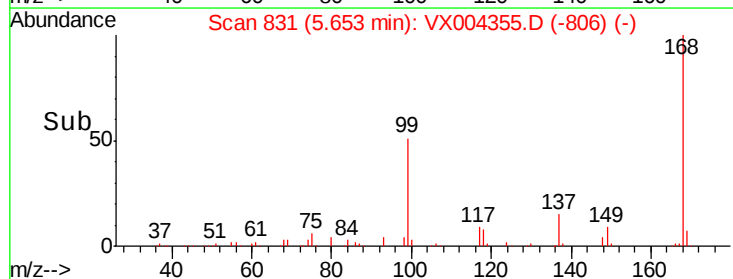
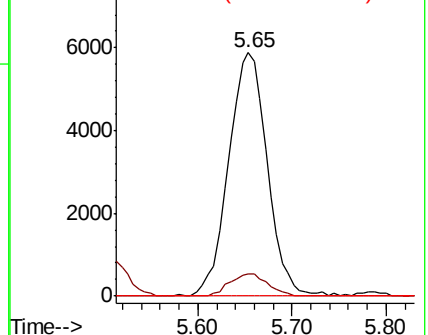
77 0.0 24.6 36.8#

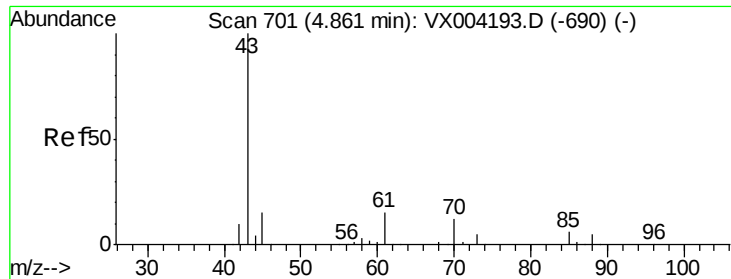


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.06 ug/l

RT: 4.75 min Scan# 683

Delta R.T. -0.11 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampled :

KG-SLUDGE-2

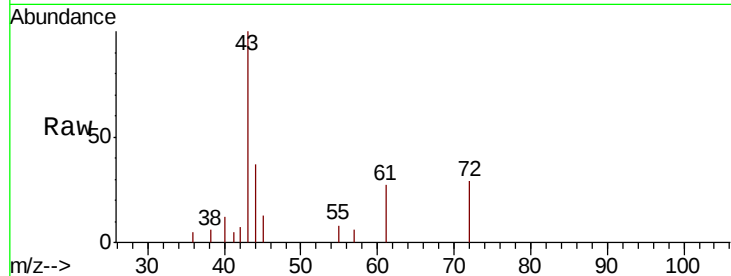
Tot Ion: 43 Resp: 4825

Ion Ratio Lower Upper

43 100

61 15.8 11.5 17.3

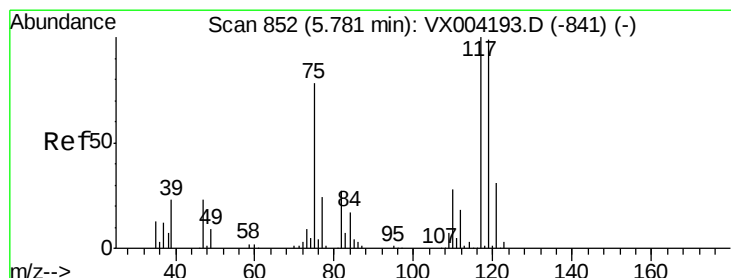
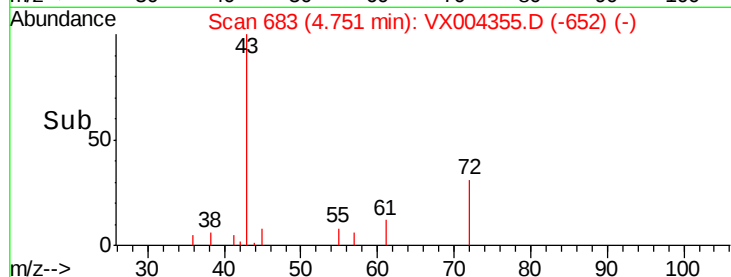
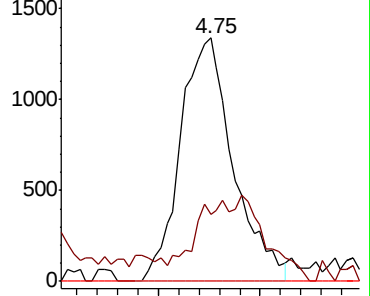
70 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX004355.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VX004355.D (-652) (-)

Ion 70.00 (69.70 to 70.70): VX004355.D (-652) (-)



#38

Carbon Tetrachloride

Concen: 5.14 ug/l

RT: 5.65 min Scan# 831

Delta R.T. -0.13 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

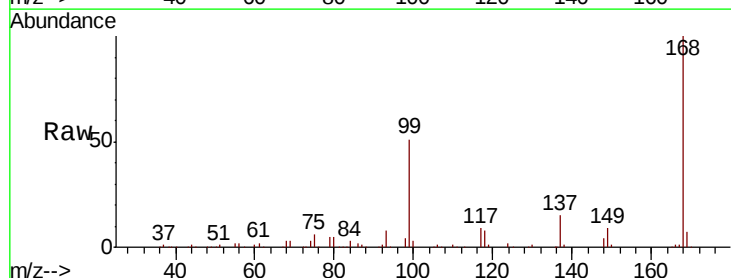
Tgt Ion: 117 Resp: 22372

Ion Ratio Lower Upper

117 100

119 5.9 78.8 118.2#

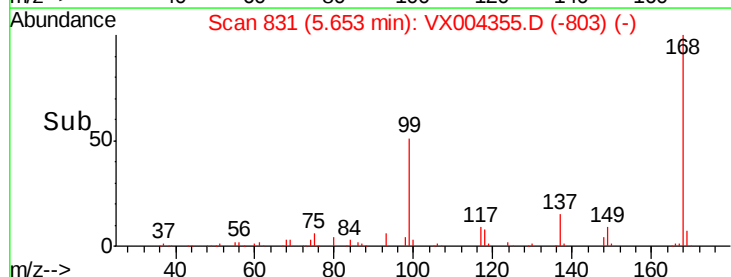
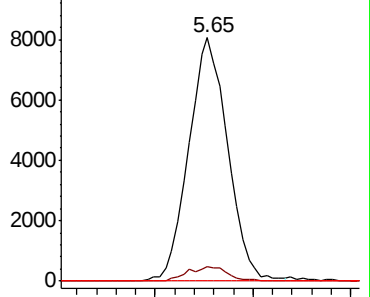
121 0.0 24.9 37.3#

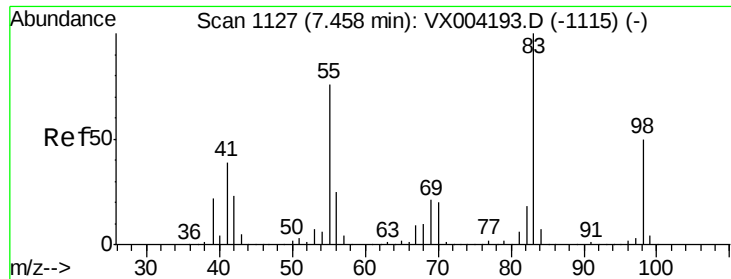


Abundance Ion 116.80 (116.50 to 117.50): VX004355.D (-803) (-)

Ion 118.80 (118.50 to 119.50): VX004355.D (-803) (-)

Ion 120.80 (120.50 to 121.50): VX004355.D (-803) (-)

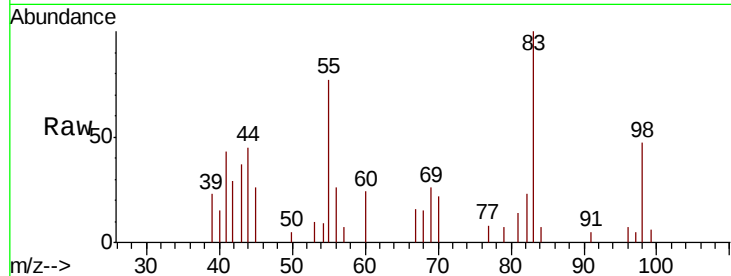




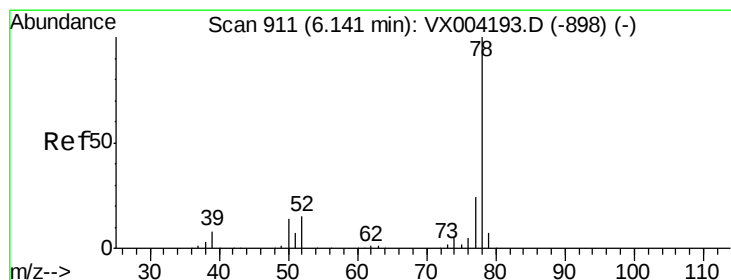
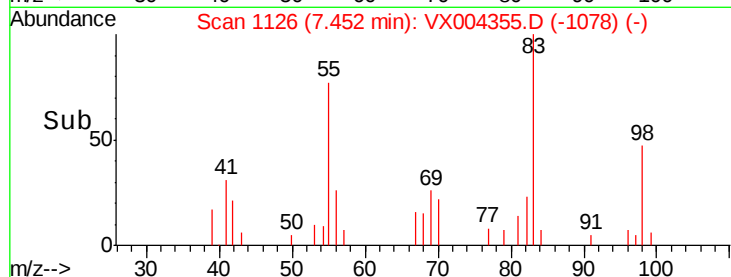
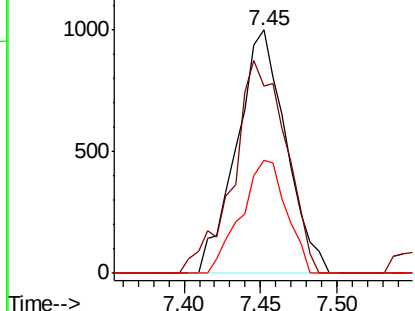
#39
Methvlcvclohexane
Concen: 0.42 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

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

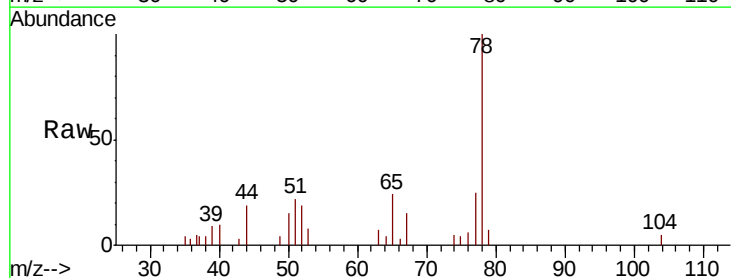


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

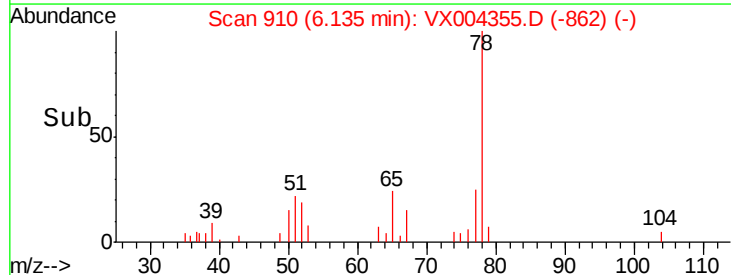
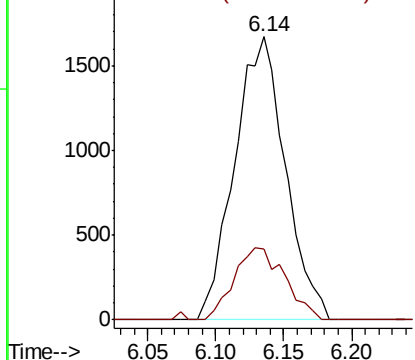


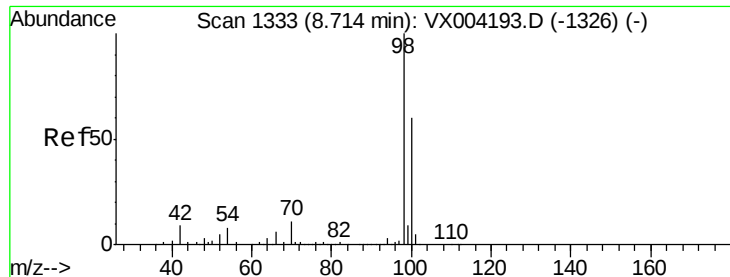
#40
Benzene
Concen: 0.32 ug/l
RT: 6.14 min Scan# 910
Delta R.T. -0.01 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

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

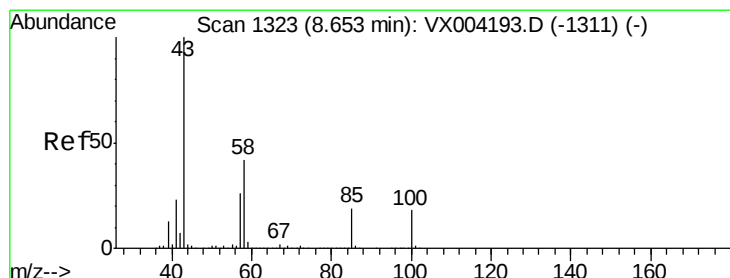
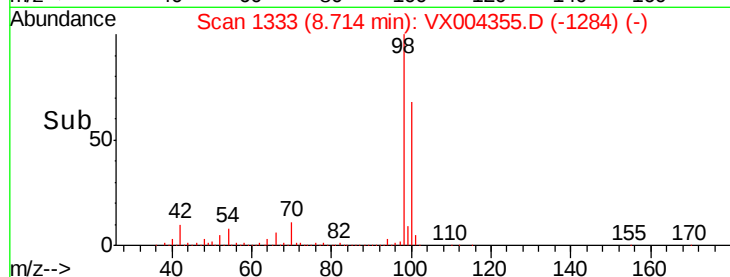
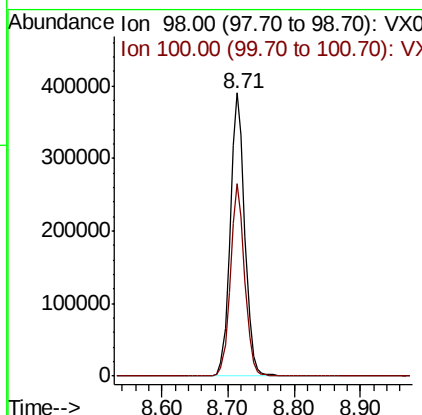
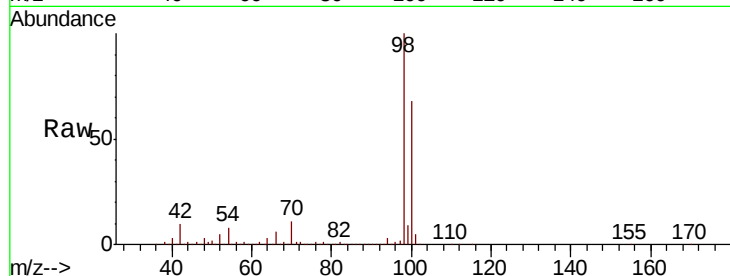




#50
Toluene-d8
Concen: 51.89 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

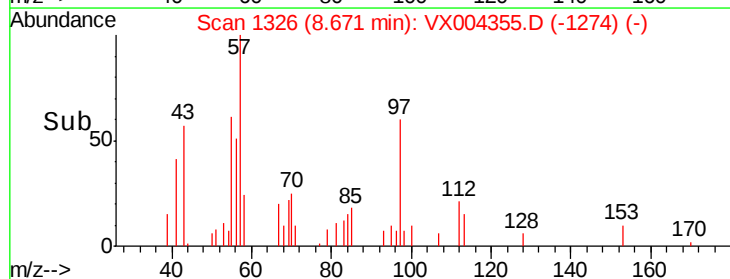
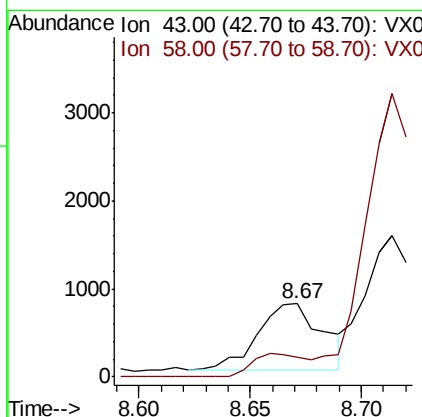
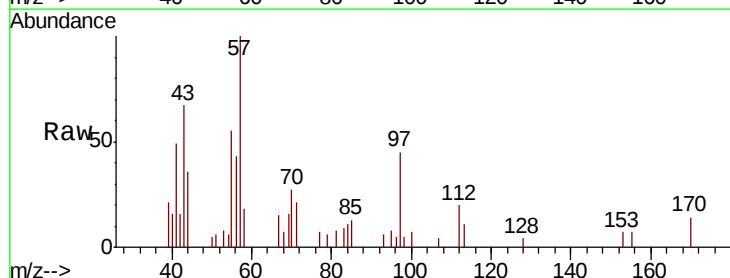
Instrument :
MSVOA_X
ClientSampleId :
KG-SLUDGE-2

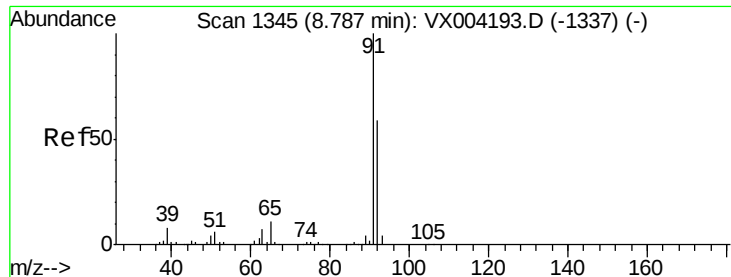
Tot Ion: 98 Resp: 599147
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.30 ug/l
RT: 8.67 min Scan# 1326
Delta R.T. 0.02 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
58 29.3 33.1 49.7#





#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

Instrument :

MSVOA_X

ClientSampleId :

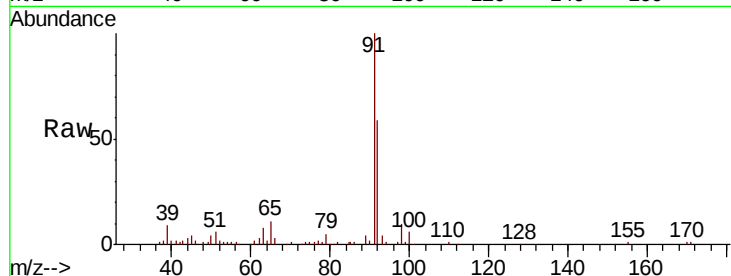
KG-SLUDGE-2

Tot Ion: 92 Resp: 13847

Ion Ratio Lower Upper

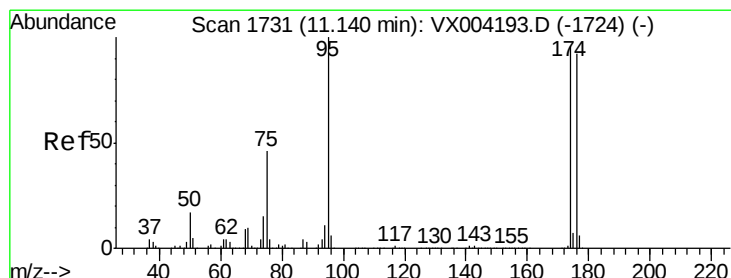
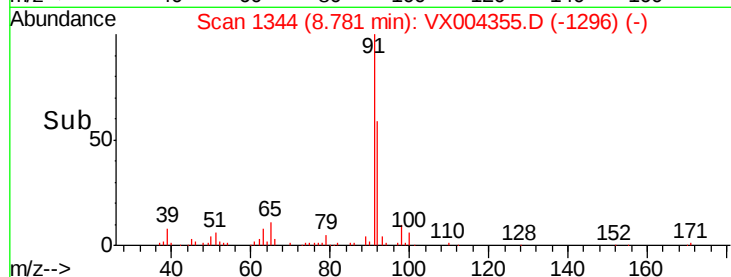
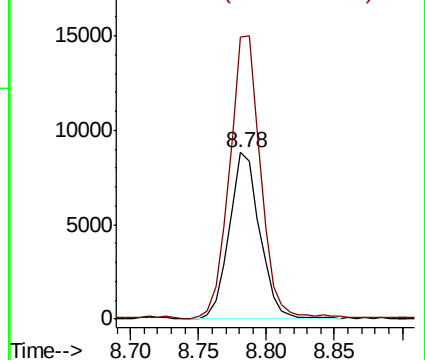
92 100

91 174.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#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

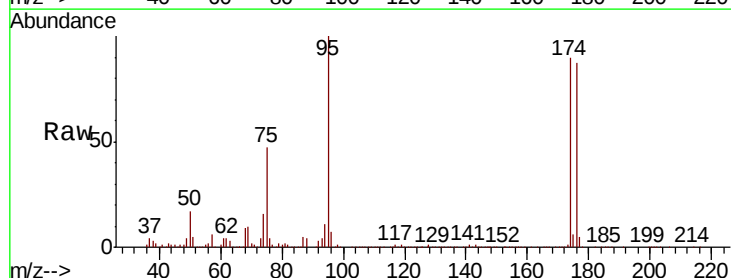
Tgt Ion: 95 Resp: 261474

Ion Ratio Lower Upper

95 100

174 90.6 0.0 185.2

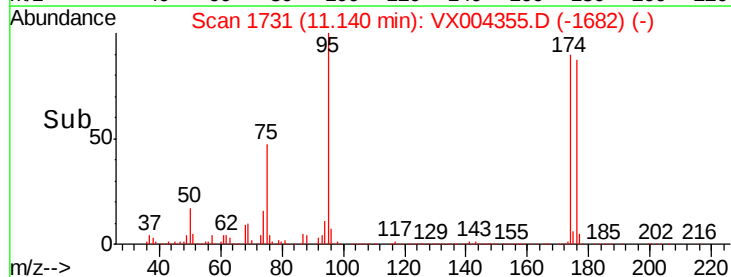
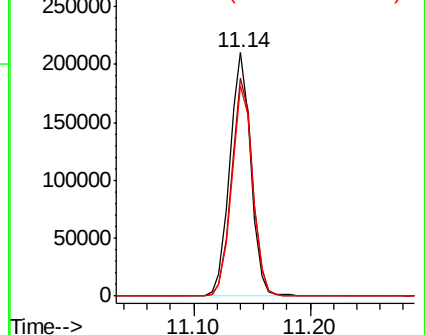
176 87.7 0.0 178.6

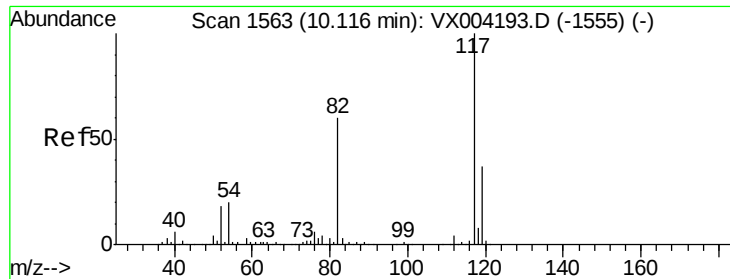


Abundance Ion 94.90 (94.60 to 95.60): VX0

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

Instrument :

MSVOA_X

ClientSampleId :

KG-SLUDGE-2

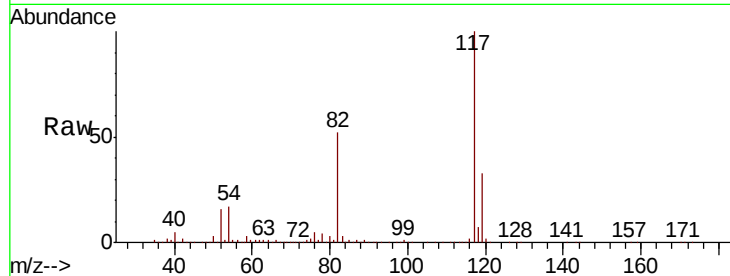
Tot Ion:117 Resp: 422890

Ion Ratio Lower Upper

117 100

82 51.6 47.8 71.6

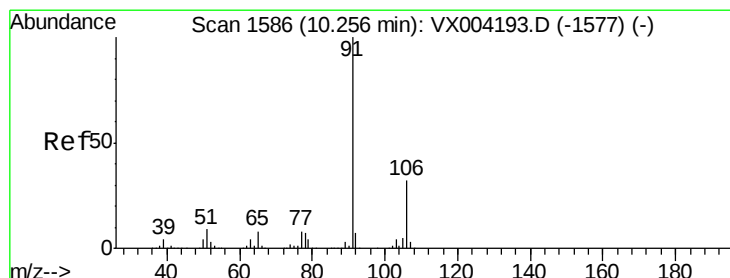
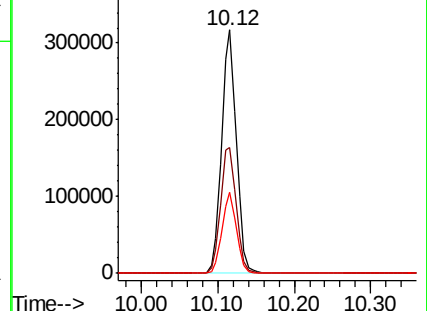
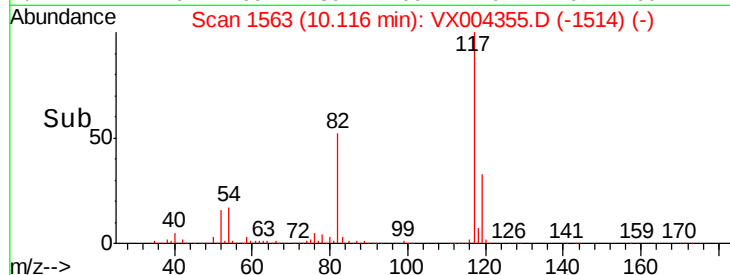
119 33.0 29.3 43.9



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

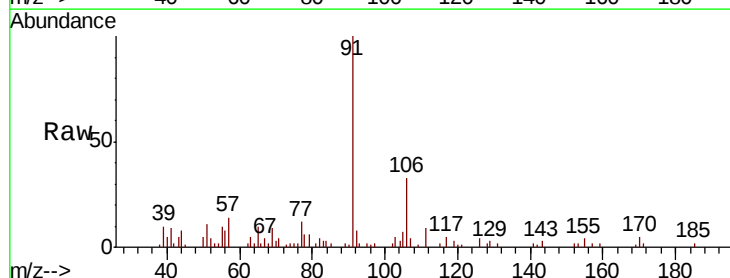
Acq: 04 Sep 2018 18:53

Tgt Ion: 91 Resp: 6807

Ion Ratio Lower Upper

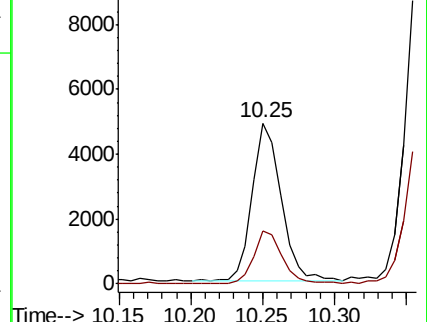
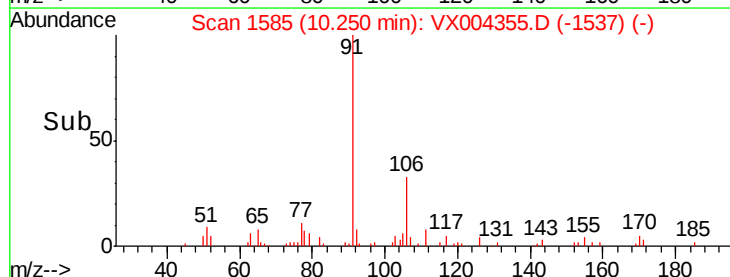
91 100

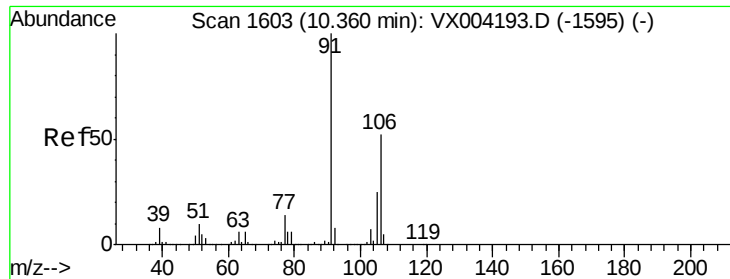
106 33.2 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#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

Instrument :

MSVOA_X

ClientSampled :

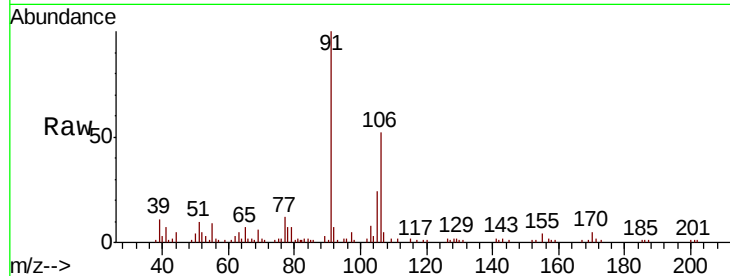
KG-SLUDGE-2

Tot Ion:106 Resp: 6715

Ion Ratio Lower Upper

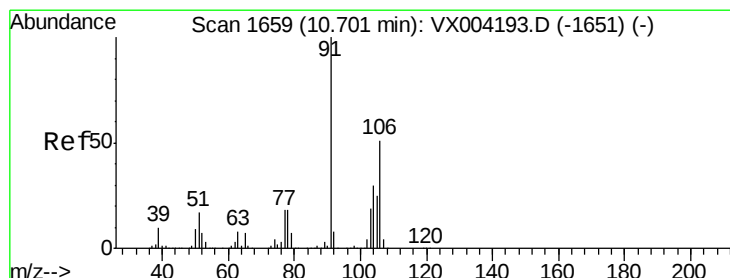
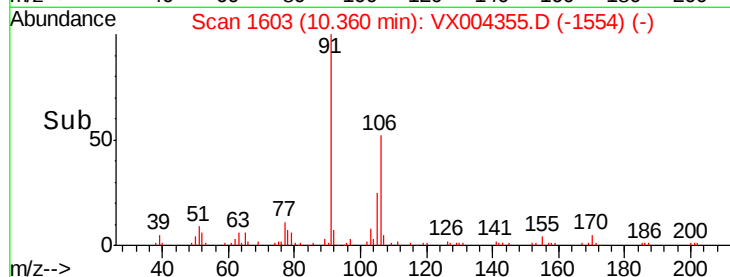
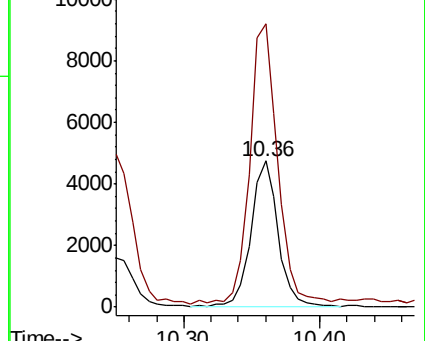
106 100

91 193.7 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.51 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004355.D

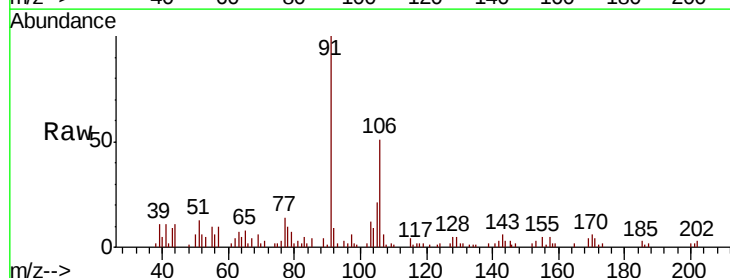
Acq: 04 Sep 2018 18:53

Tgt Ion:106 Resp: 3238

Ion Ratio Lower Upper

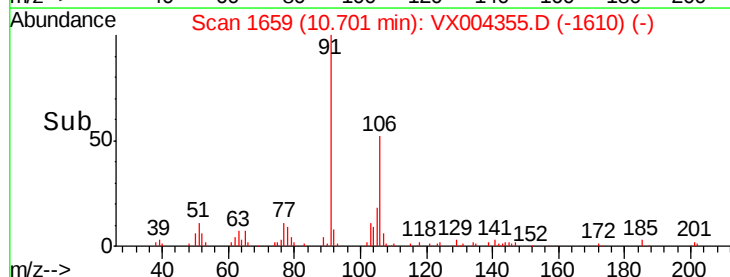
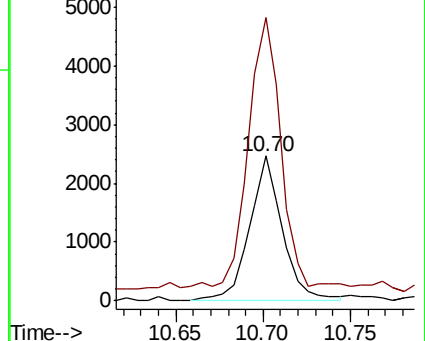
106 100

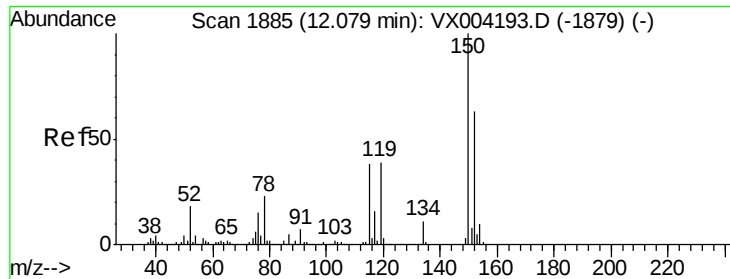
91 178.8 105.1 315.1



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

Instrument :

MSVOA_X

ClientSampleId :

KG-SLUDGE-2

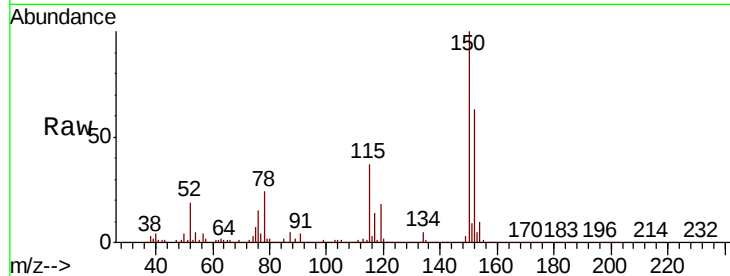
Tot Ion:152 Resp: 283610

Ion Ratio Lower Upper

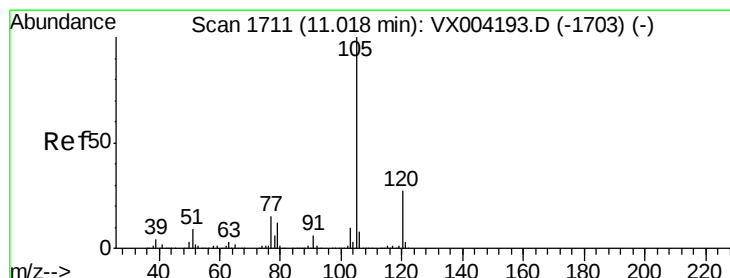
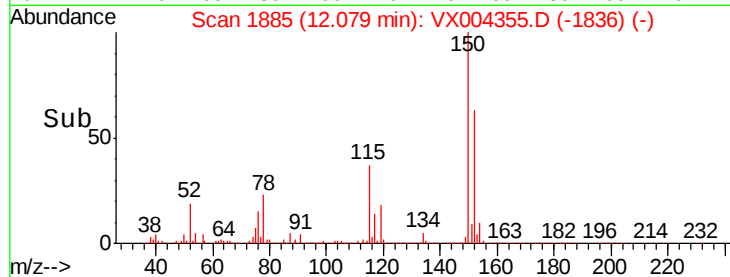
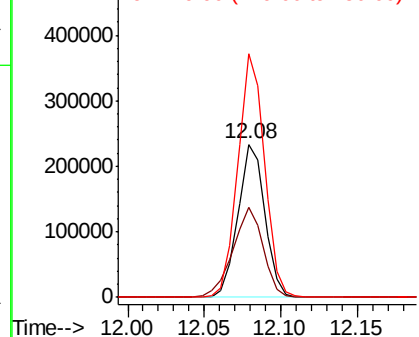
152 100

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

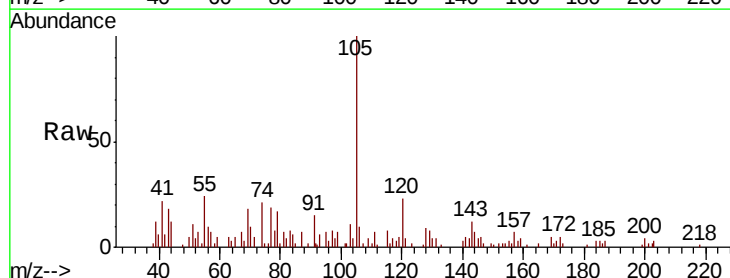
Acq: 04 Sep 2018 18:53

Tgt Ion:105 Resp: 5312

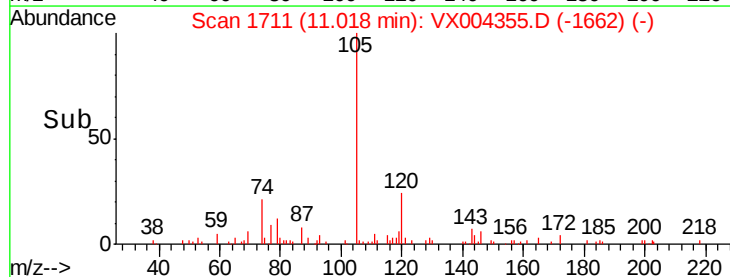
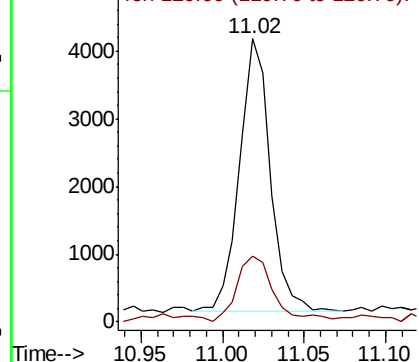
Ion Ratio Lower Upper

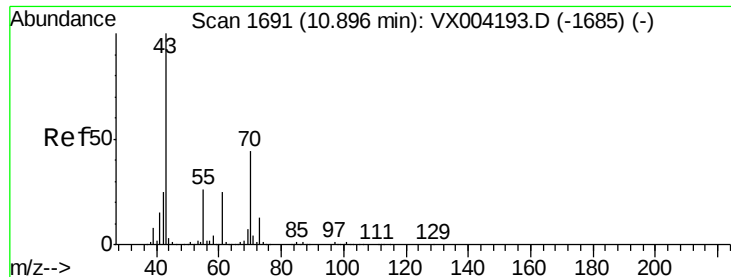
105 100

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





#74

N-amvl acetate

Concen: 0.43 ug/l

RT: 10.91 min Scan# 1694

Delta R.T. 0.02 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

KG-SLUDGE-2

Tot Ion: 43 Resp: 3060

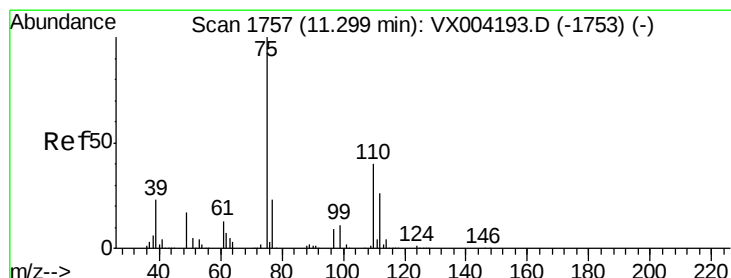
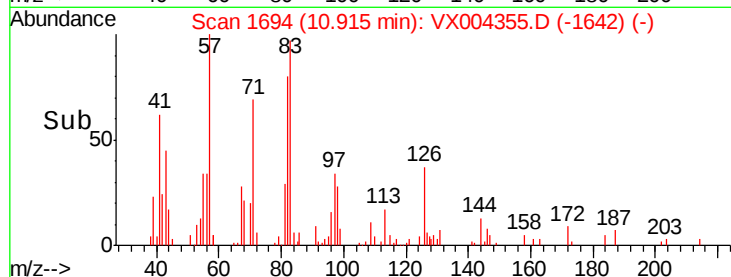
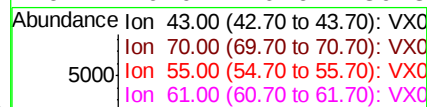
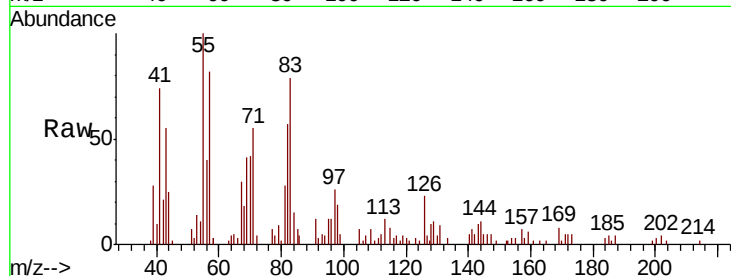
Ion Ratio Lower Upper

43 100

70 112.8 37.4 56.0#

55 194.3 21.8 32.8#

61 0.0 20.6 30.8#



#76

1,2,3-Trichloropropane

Concen: 21.43 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004355.D

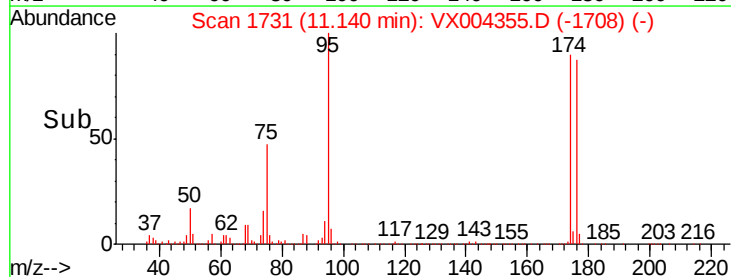
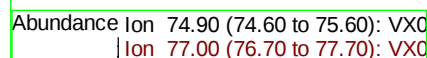
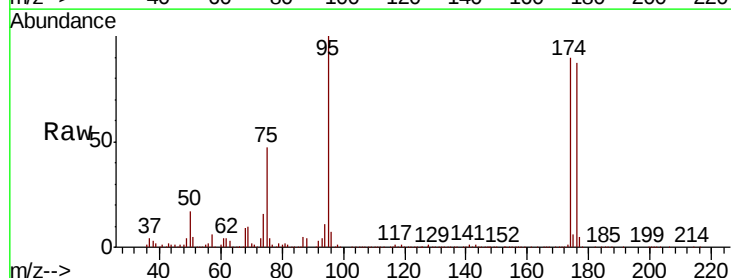
Acq: 04 Sep 2018 18:53

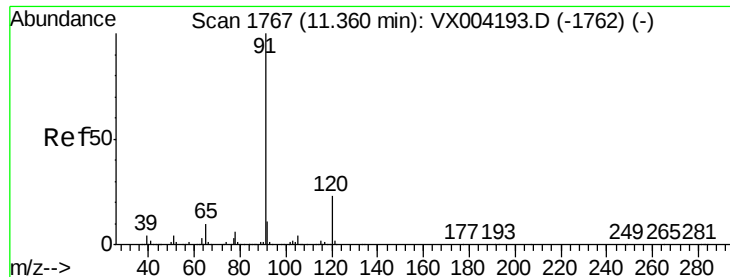
Tgt Ion: 75 Resp: 123630

Ion Ratio Lower Upper

75 100

77 1.6 20.2 60.6#





#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

Instrument :

MSVOA_X

ClientSampled :

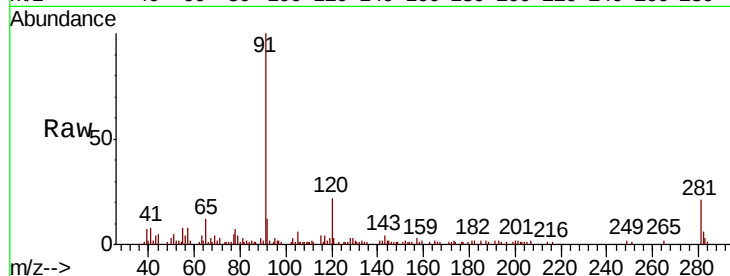
KG-SLUDGE-2

Tot 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): VX004193.D (-1762) (-)

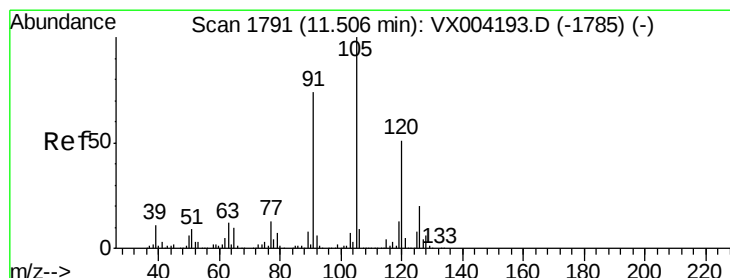
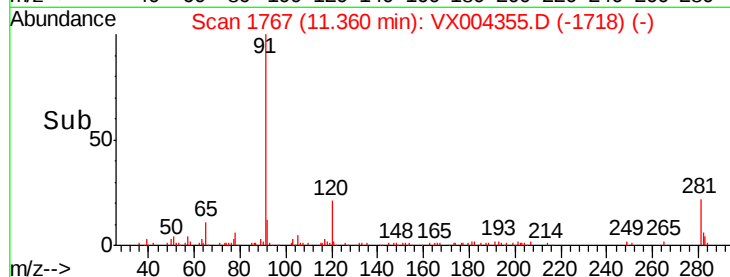
Ion 120.00 (119.70 to 120.70): VX004193.D (-1762) (-)

11.36

11.35

11.40

Time-->



#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

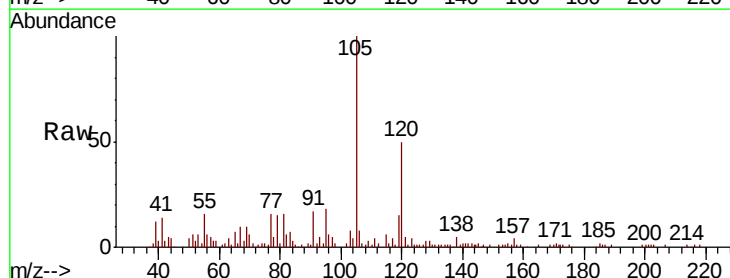
Acq: 04 Sep 2018 18:53

Tgt 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): VX004193.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX004193.D (-1785) (-)

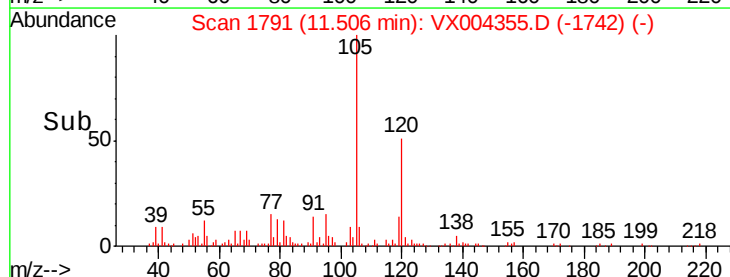
11.51

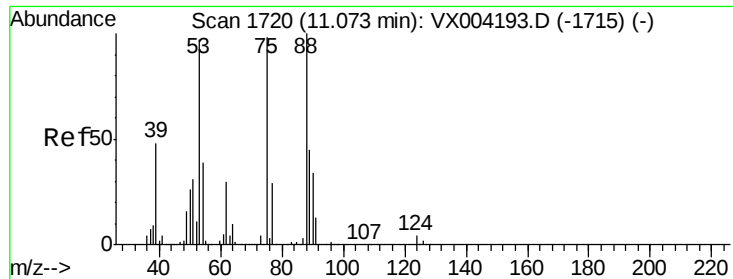
11.50

11.55

11.60

Time-->

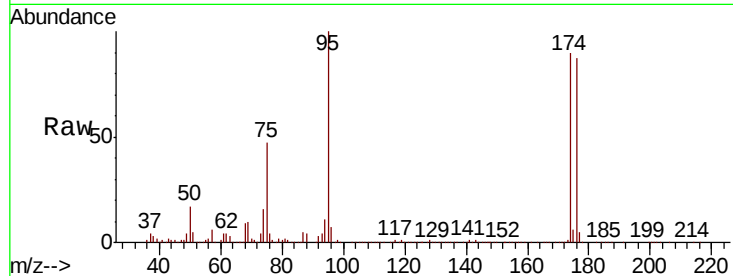




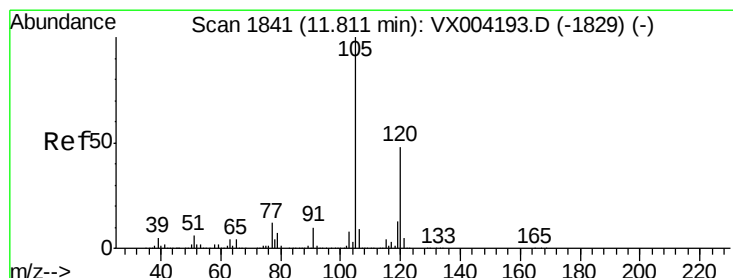
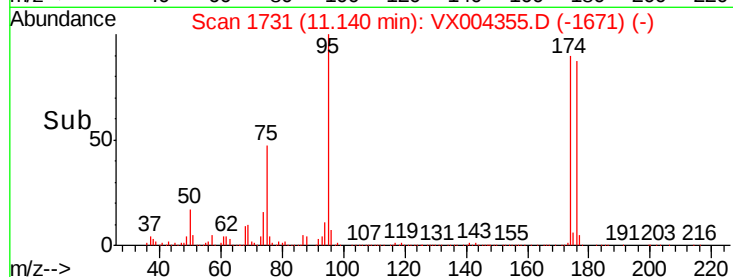
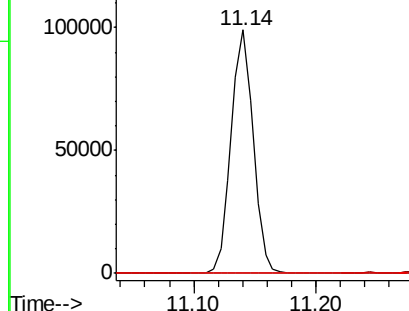
#81
trans-1,4-Dichloro-2-butene
Concen: 69.54 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.07 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

Instrument :
MSVOA_X
ClientSampled :
KG-SLUDGE-2

Tot Ion: 75 Resp: 123630
Ion Ratio Lower Upper
75 100
53 0.0 80.1 120.1#
89 0.0 37.2 55.8#

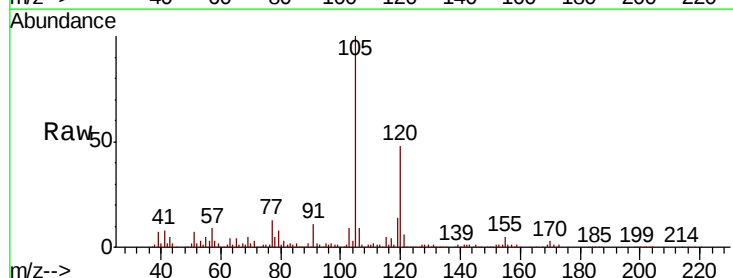


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

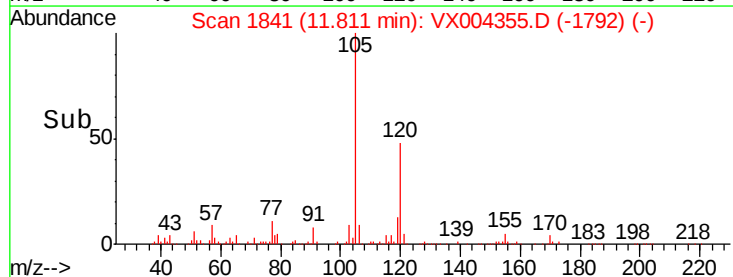
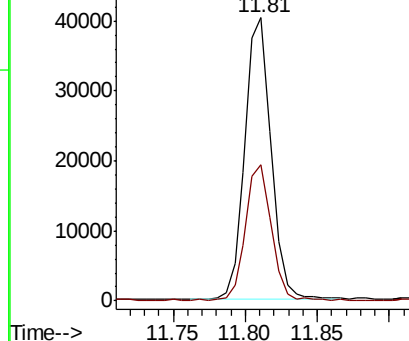


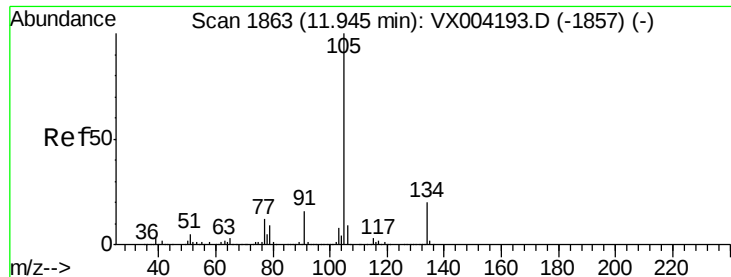
#84
1,2,4-Trimethylbenzene
Concen: 3.20 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX004355.D
Acq: 04 Sep 2018 18:53

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 :

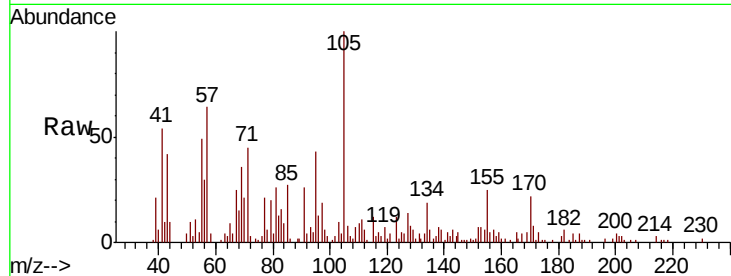
KG-SLUDGE-2

Tot Ion:105 Resp: 7995

Ion Ratio Lower Upper

105 100

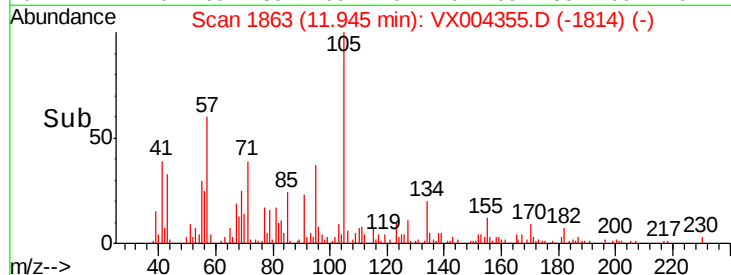
134 0.0 10.5 31.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94



Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

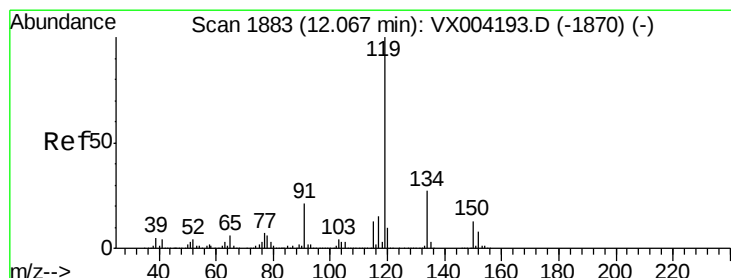
6000

4000

2000

0

Time-->



#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

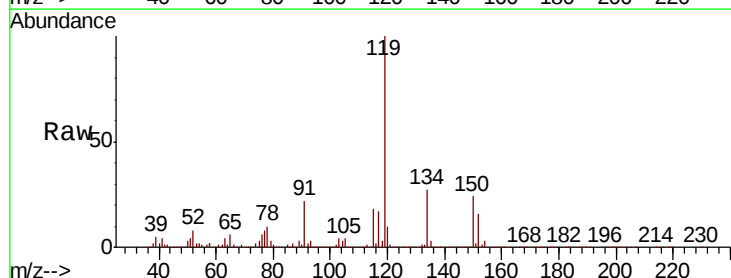
Tgt Ion:119 Resp: 371611

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

91 22.5 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

400000

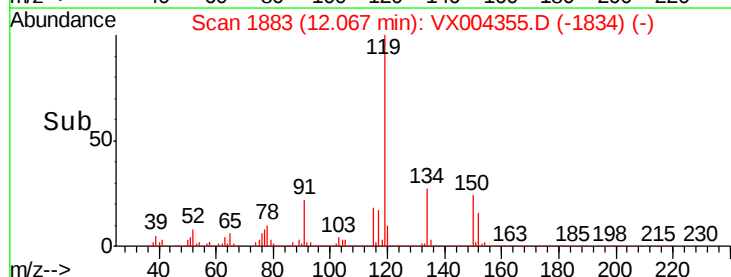
300000

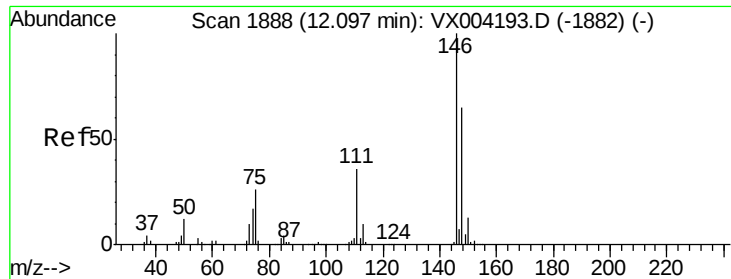
200000

100000

0

Time-->

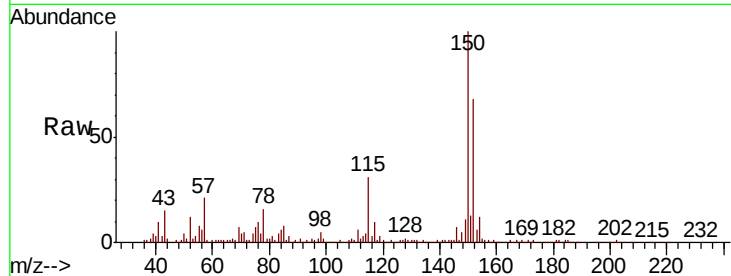




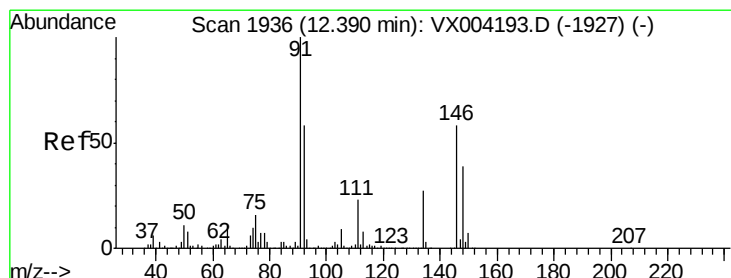
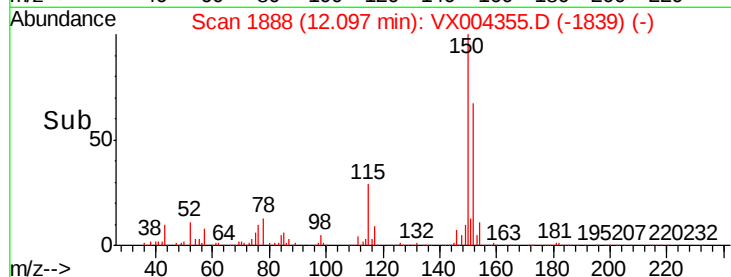
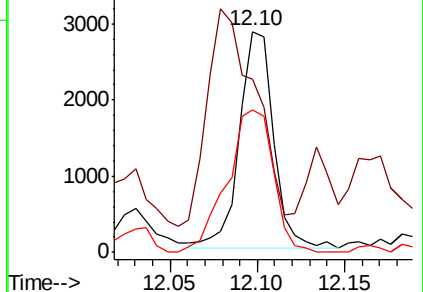
#88
 1,4-Dichlorobenzene
 Concen: 0.38 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX004355.D
 Acq: 04 Sep 2018 18:53

Instrument :
 MSVOA_X
 ClientSampleId :
 KG-SLUDGE-2

Tot Ion:146 Resp: 3902
 Ion Ratio Lower Upper
 146 100
 111 139.6 18.1 54.1#
 148 88.3 32.0 96.0

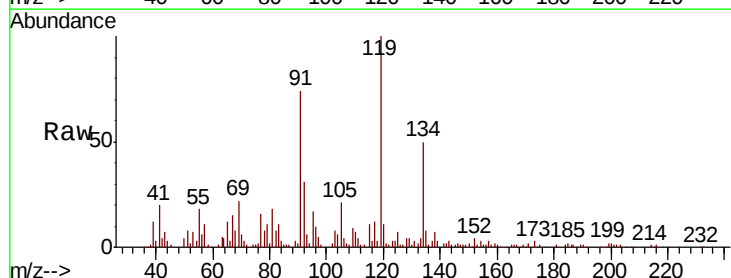


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

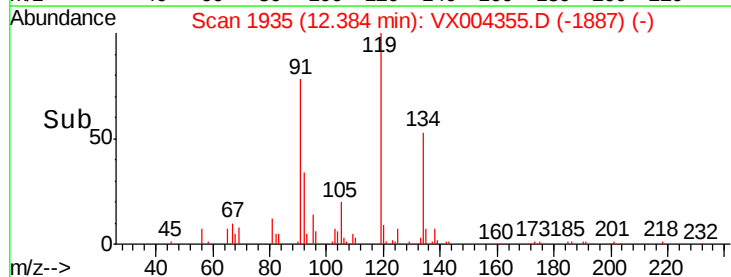
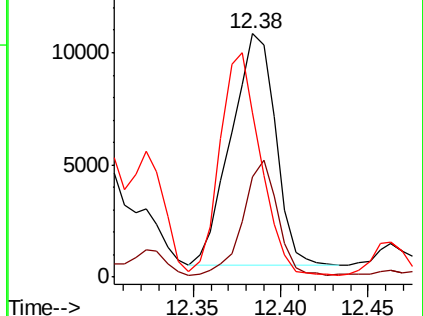


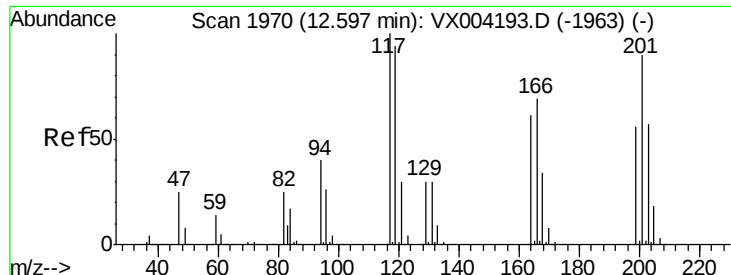
#89
 n-Butylbenzene
 Concen: 1.36 ug/l
 RT: 12.38 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: VX004355.D
 Acq: 04 Sep 2018 18:53

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



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.03 ug/l

RT: 12.59 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

Instrument :

MSVOA_X

ClientSampled :

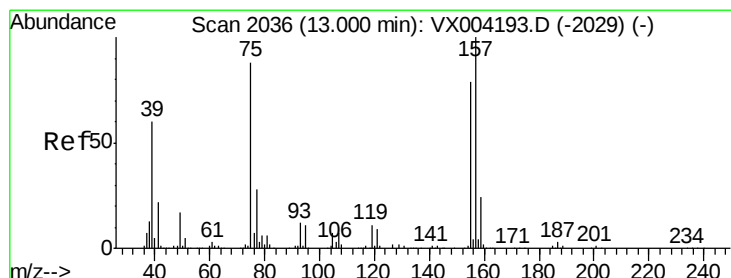
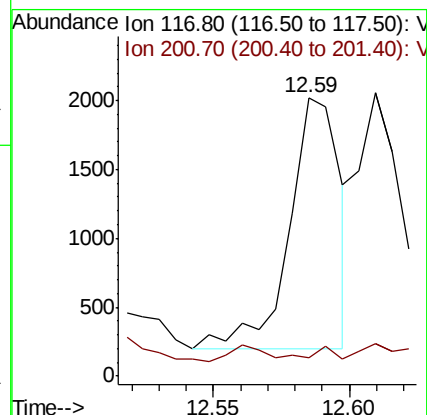
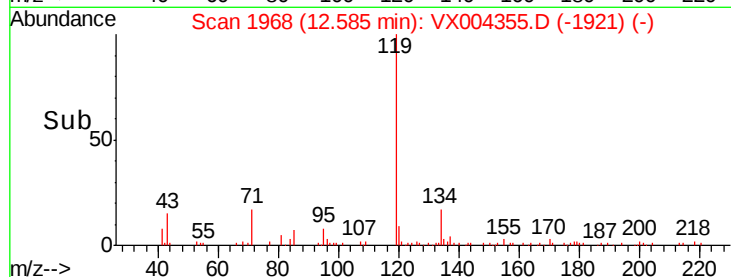
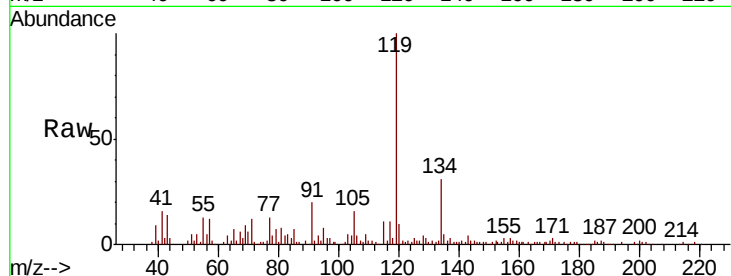
KG-SLUDGE-2

Tot Ion:117 Resp: 2386

Ion Ratio Lower Upper

117 100

201 1.3 46.9 140.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.36 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

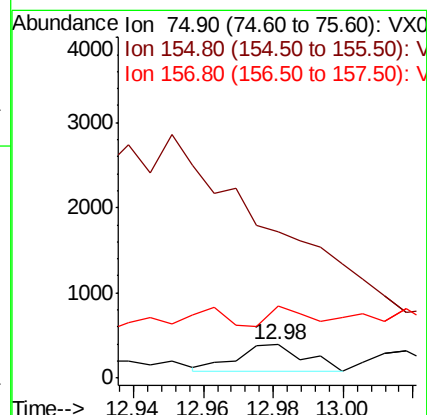
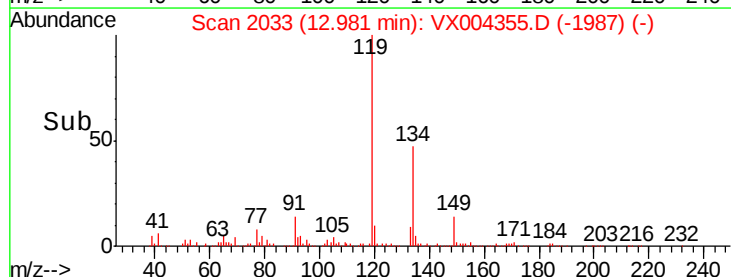
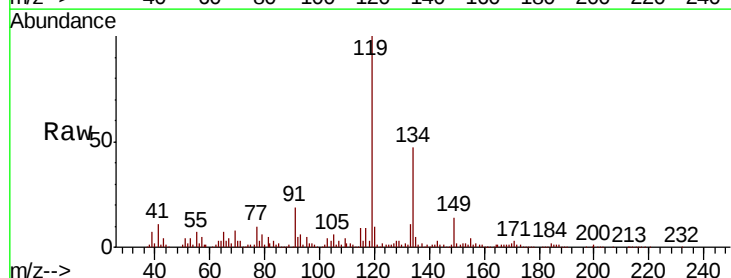
Tgt Ion: 75 Resp: 415

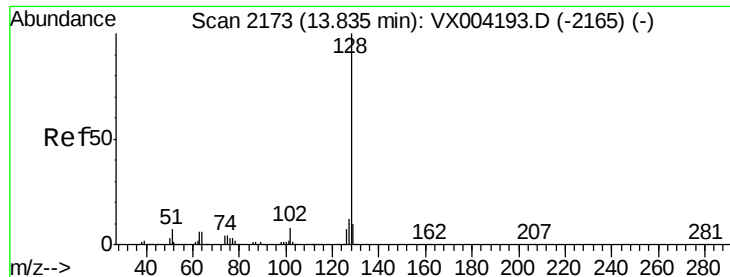
Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

157 37.6 61.4 184.1#





#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

Instrument :

MSVOA_X

ClientSampleId :

KG-SLUDGE-2

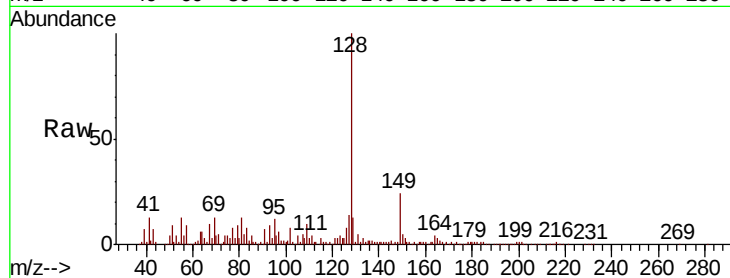
Tot Ion:128 Resp: 69443

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

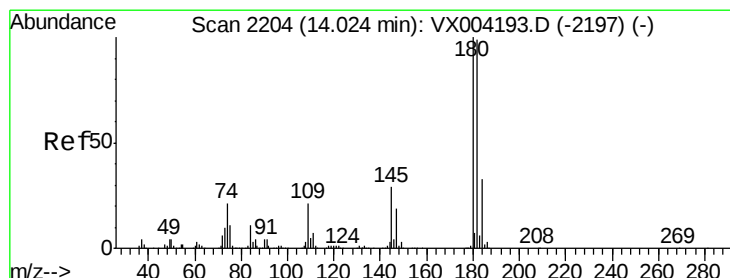
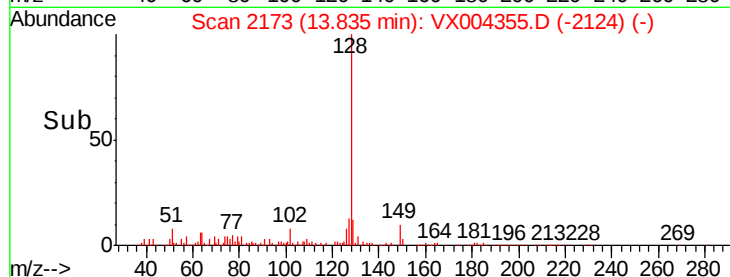
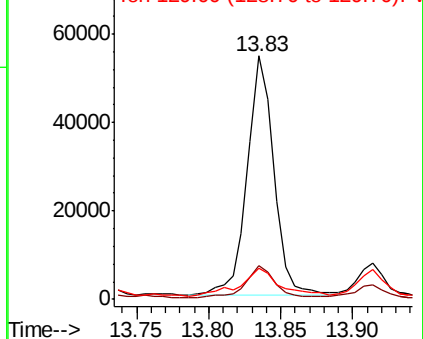
129 16.5 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.85 ug/l

RT: 14.04 min Scan# 2206

Delta R.T. 0.01 min

Lab File: VX004355.D

Acq: 04 Sep 2018 18:53

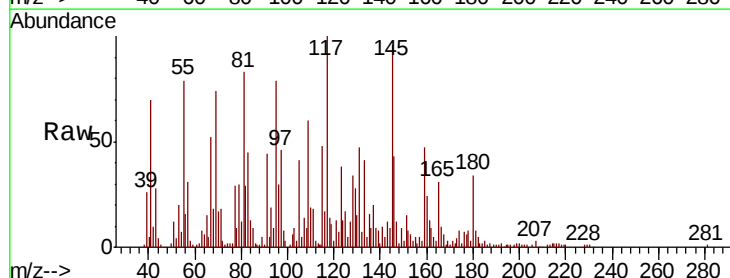
Tgt Ion:180 Resp: 5885

Ion Ratio Lower Upper

180 100

182 11.2 48.5 145.6#

145 286.7 14.9 44.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

