

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\
 Data File : VX006683.D
 Acq On : 20 Dec 2018 18:27
 Operator : JC/MD
 Sample : J6516-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXCAVATION-WATER

Quant Time: Dec 21 03:33:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	639820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	986400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	917955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	447484	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	337019	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
35) Dibromofluoromethane	5.50	113	296014	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	8.71	98	1193173	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.13	95	431294	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	1934	Below Cal		82
11) Tert butyl alcohol	3.03	59	17381	11.294	ug/l #	72
13) Acrolein	2.30	56	728	0.701	ug/l #	13
15) Acrylonitrile	3.17	53	1003	0.294	ug/l #	46
16) Acetone	2.45	43	74095	23.388	ug/l	100
18) Methyl Acetate	2.78	43	26992	2.897	ug/l	91
20) Methylene Chloride	2.87	84	2732	0.417	ug/l #	79
25) 2-Butanone	4.70	43	18471	4.145	ug/l	96
28) Bromochloromethane	5.02	49	155	Below Cal	#	1
31) Cyclohexane	5.57	56	17220	1.804	ug/l	86
36) 1,1-Dichloropropene	5.66	75	40753	4.988	ug/l #	49
37) Ethyl Acetate	4.70	43	18436	2.168	ug/l #	68
38) Carbon Tetrachloride	5.66	117	59330	7.473	ug/l #	15
39) Methylcyclohexane	7.46	83	31549	2.933	ug/l	90
40) Benzene	6.15	78	21285	0.857	ug/l	99
49) 1,4-Dioxane	7.76	88	138	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.65	43	5231	0.635	ug/l	93
55) 1,1,2-Trichloroethane	9.16	97	10737	1.635	ug/l #	21
56) Ethyl methacrylate	9.16	69	2569	0.277	ug/l #	23
59) 2-Hexanone	9.50	43	1968	0.312	ug/l	90
60) Dibromochloromethane	9.55	129	55	2.332	ug/l	95
68) m/p-Xylenes	10.35	106	3138	0.251	ug/l	97
71) Bromoform	10.89	173	124	4.481	ug/l #	28
73) Isopropylbenzene	11.02	105	38839	1.269	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	202240	24.319	ug/l #	40
78) n-propylbenzene	11.36	91	40011	1.187	ug/l	99
79) 2-Chlorotoluene	11.36	91	40011	1.959	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	202240	71.977	ug/l #	10
85) sec-Butylbenzene	11.94	105	11292	0.365	ug/l	98
86) p-Isopropyltoluene	12.23	119	11981	0.441	ug/l	99
89) n-Butylbenzene	12.37	91	7673	0.331	ug/l #	38
90) Hexachloroethane	12.66	117	10633	5.627	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.97	75	1084	0.575	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

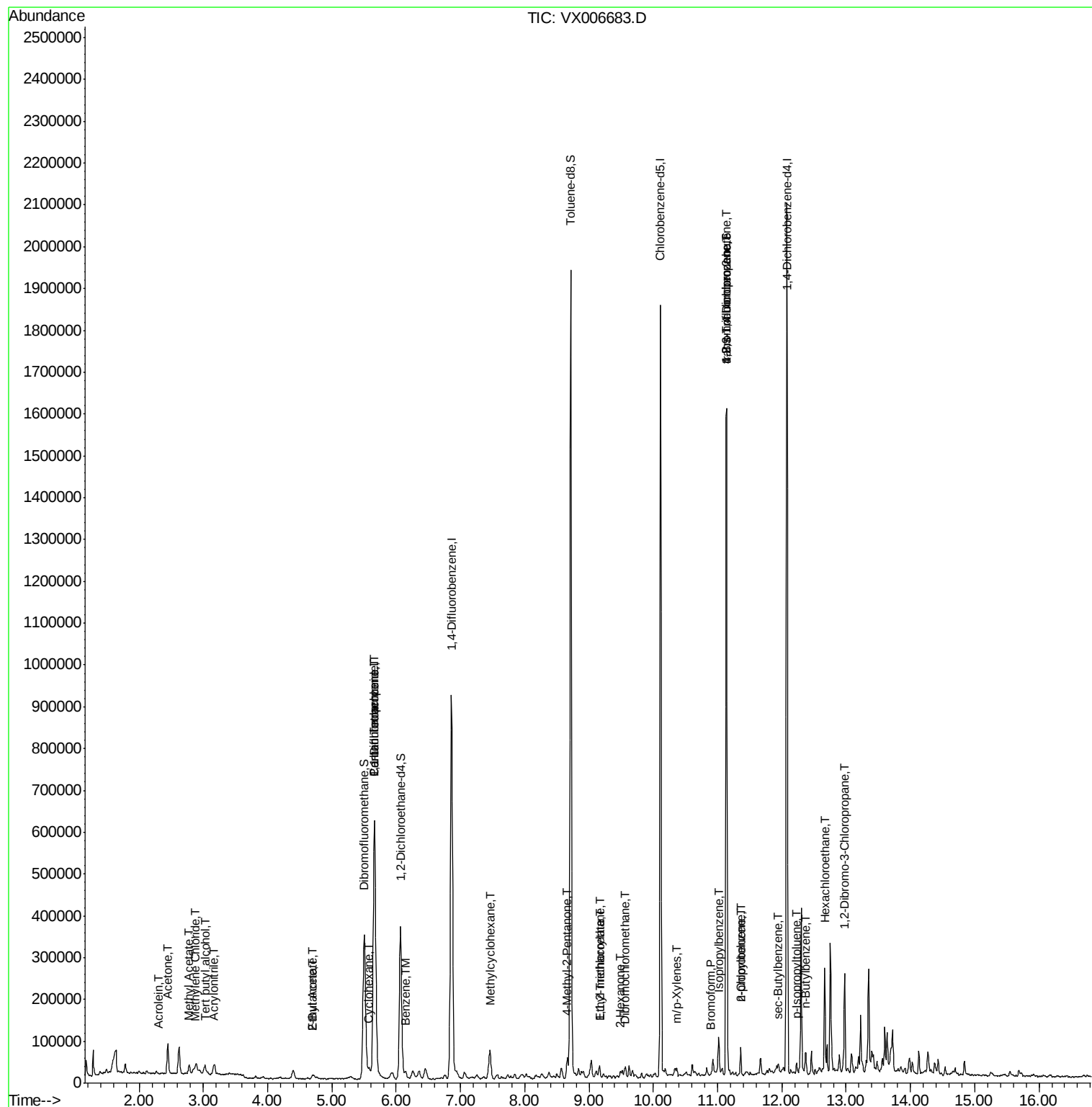
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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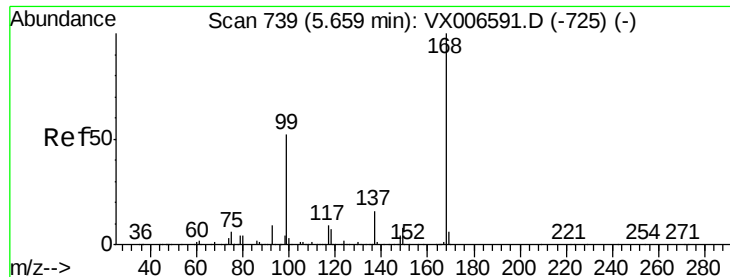
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

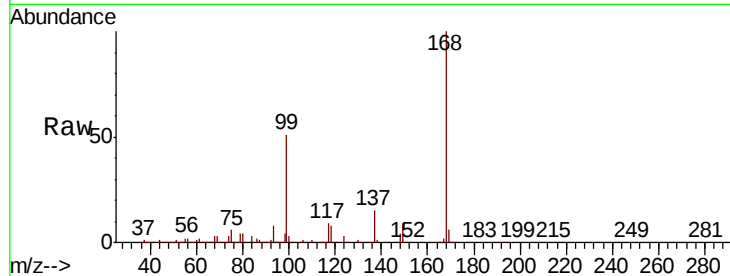
EXCAVATION-WATER

Tot Ion:168 Resp: 639820

Ion Ratio Lower Upper

168 100

99 51.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

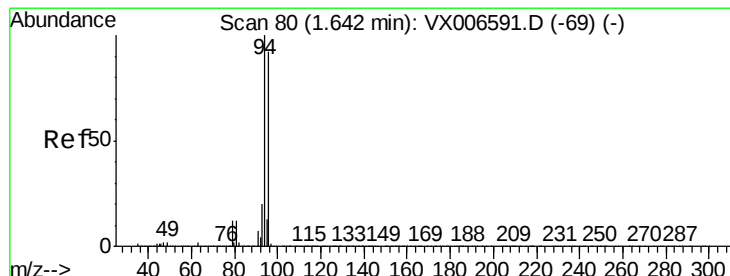
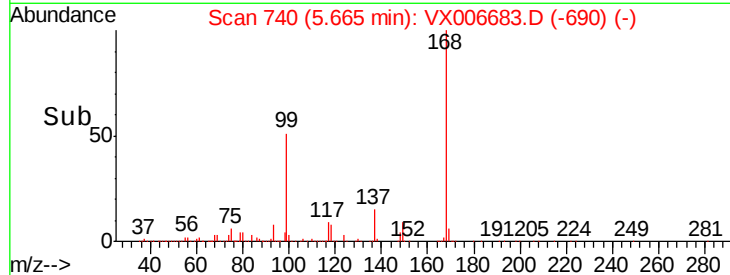
5.67

5.60

5.70

5.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006683.D

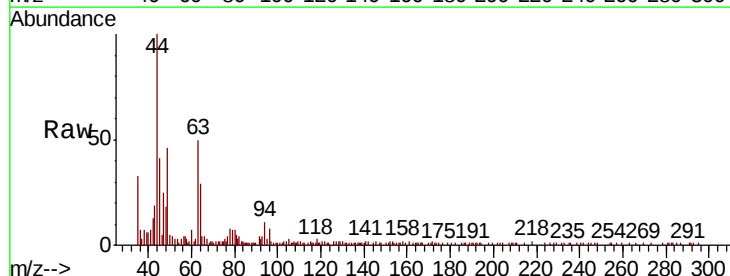
Acq: 20 Dec 2018 18:27

Tgt Ion: 94 Resp: 1934

Ion Ratio Lower Upper

94 100

96 74.9 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1000

500

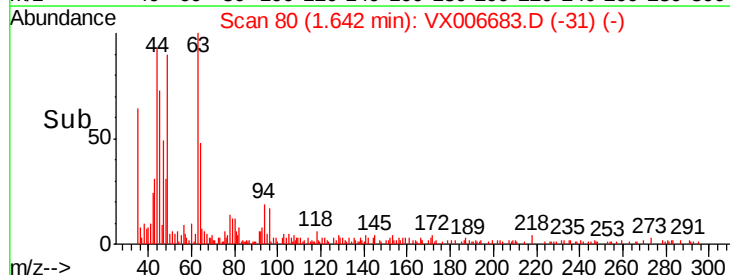
0

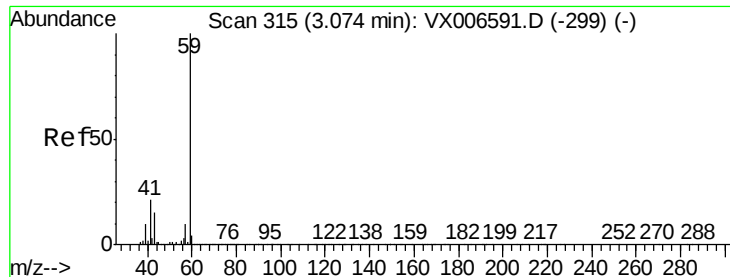
1.64

1.60

1.65

Time-->



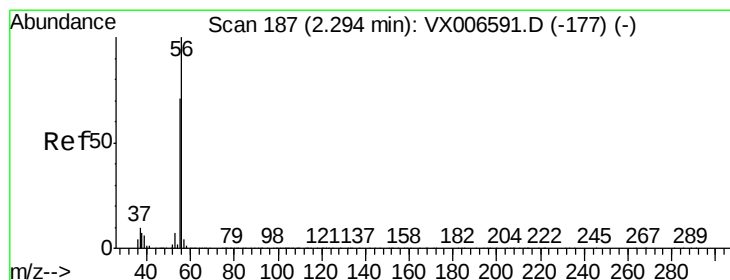
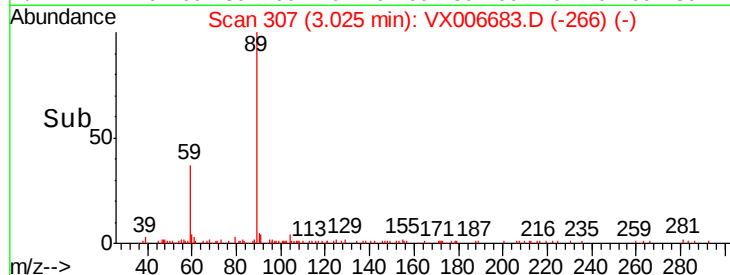
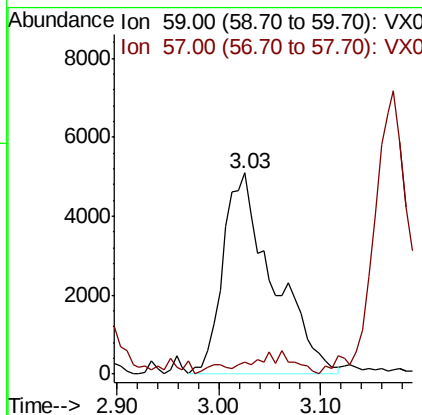
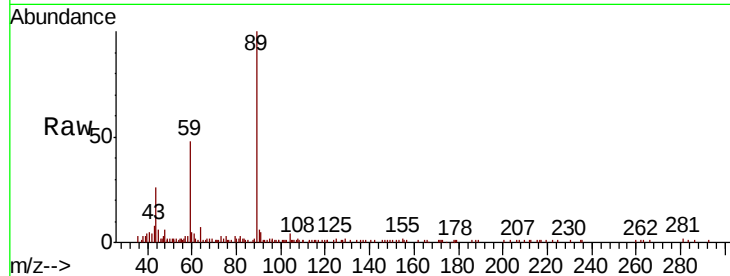


#11

Tert butyl alcohol
Concen: 11.294 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :
EXCAVATION-WATER

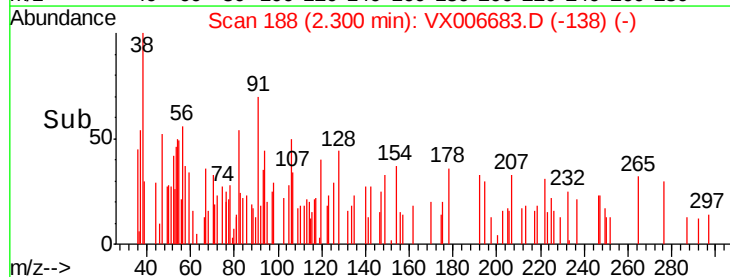
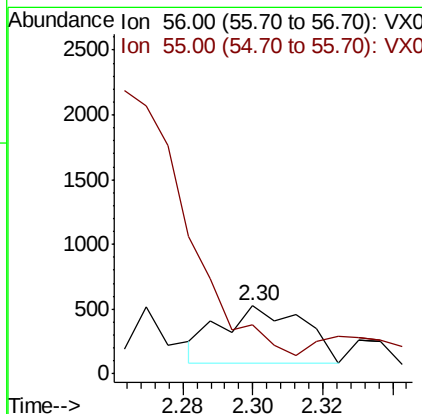
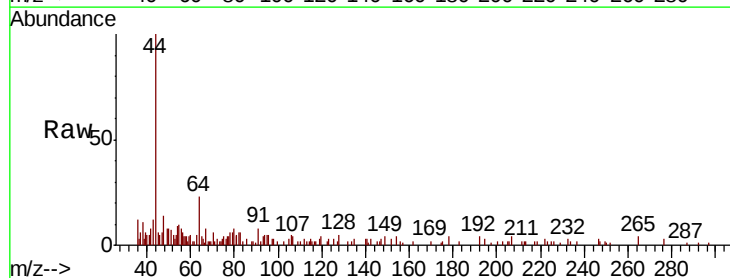
Tot Ion: 59 Resp: 17381
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

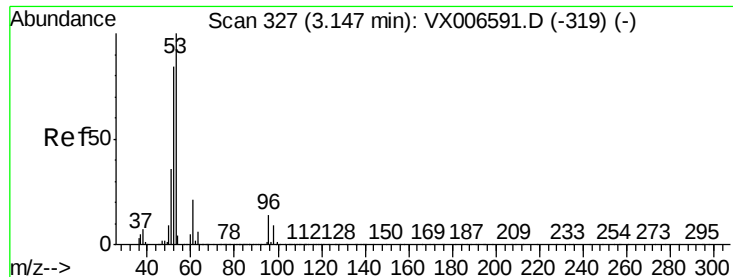


#13

Acrolein
Concen: 0.701 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

Tgt Ion: 56 Resp: 728
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#

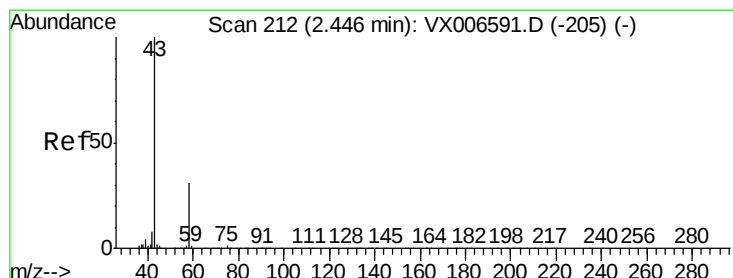
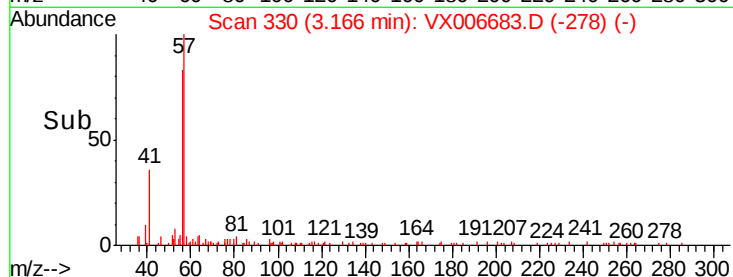
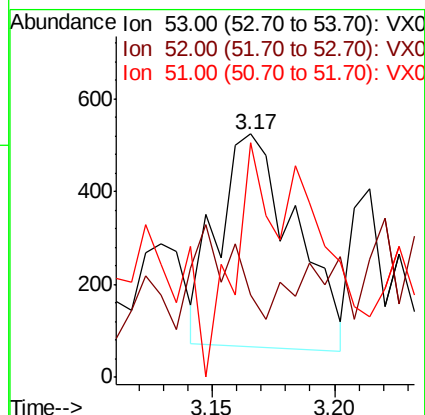
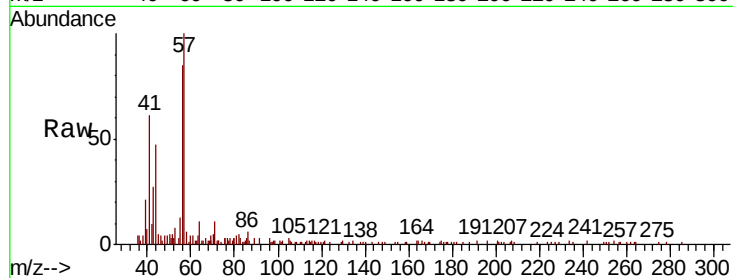




#15
Acrylonitrile
Concen: 0.294 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.02 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

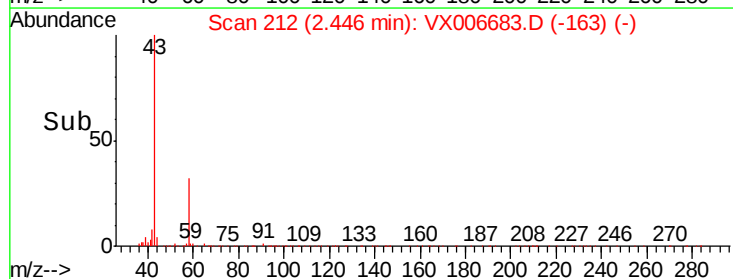
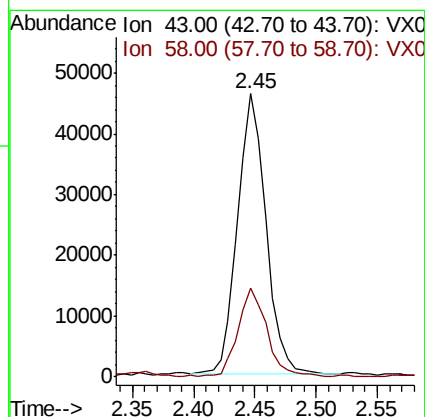
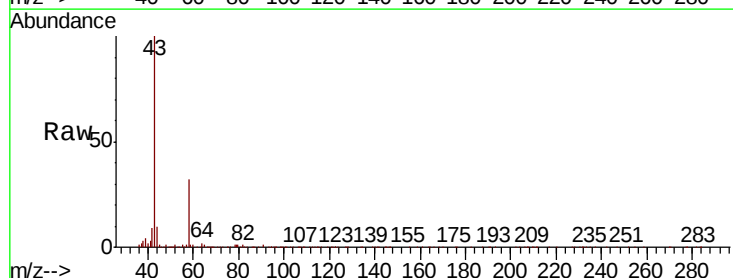
Instrument :
MSVOA_X
ClientSampleId :
EXCAVATION-WATER

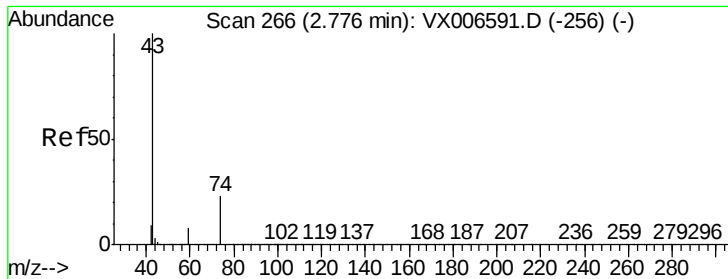
Tot Ion: 53 Resp: 1003
Ion Ratio Lower Upper
53 100
52 27.2 66.0 99.0#
51 57.3 28.6 42.8#



#16
Acetone
Concen: 23.388 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

Tgt Ion: 43 Resp: 74095
Ion Ratio Lower Upper
43 100
58 31.4 25.0 37.6

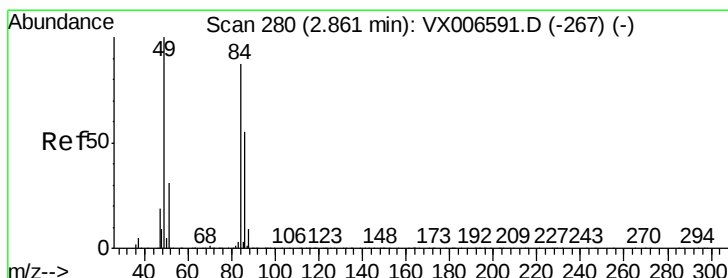
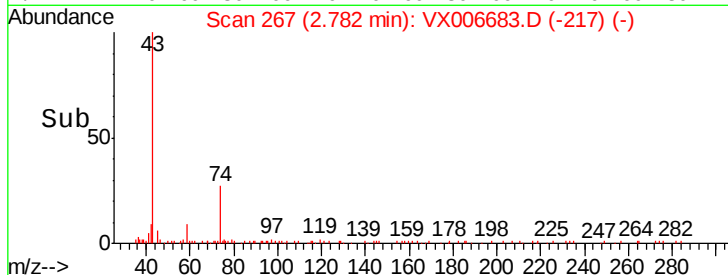
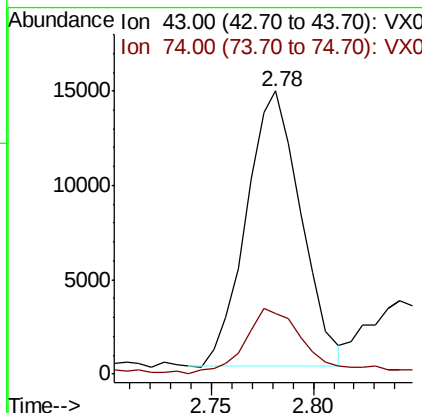
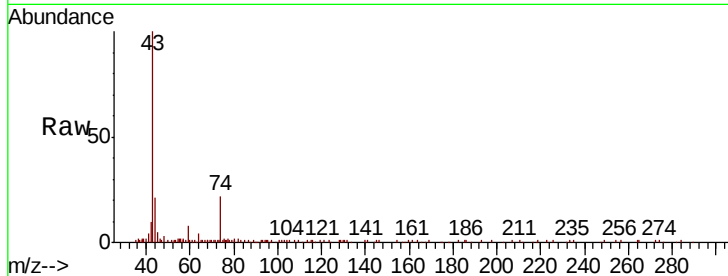




#18
Methvl Acetate
Concen: 2.897 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

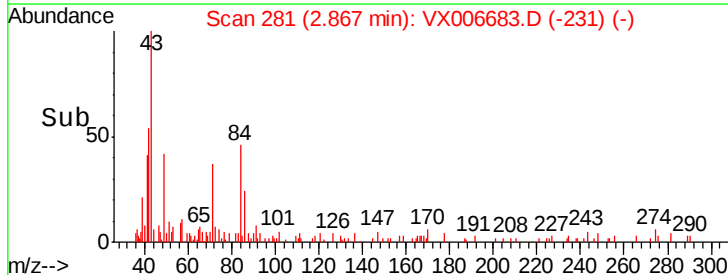
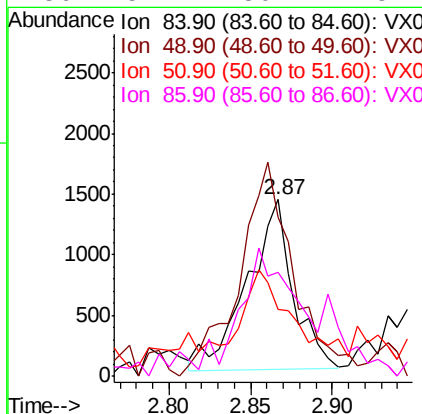
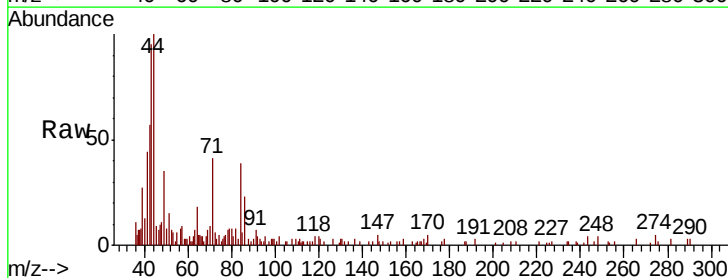
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EXCAVATION-WATER

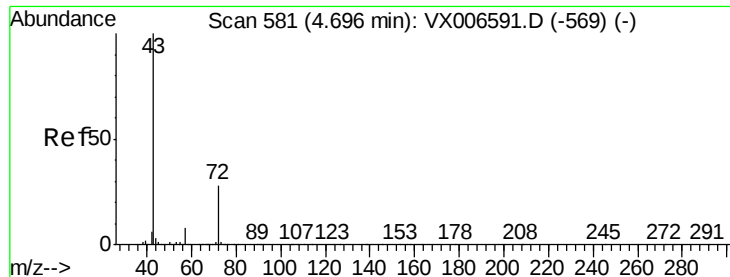
Tot Ion: 43 Resp: 26992
Ion Ratio Lower Upper
43 100
74 27.8 18.6 28.0



#20
Methylene Chloride
Concen: 0.417 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

Tgt Ion: 84 Resp: 2732
Ion Ratio Lower Upper
84 100
49 89.7 91.8 137.6#
51 18.2 28.5 42.7#
86 52.4 50.2 75.2





#25

2-Butanone

Concen: 4.145 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

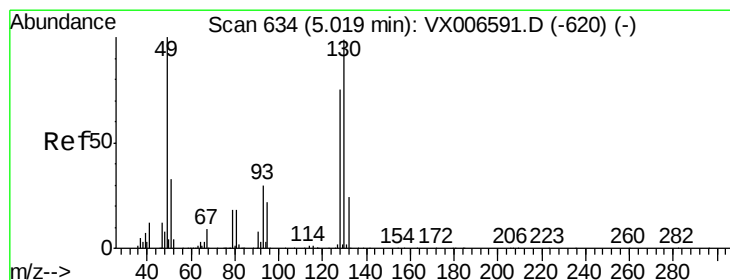
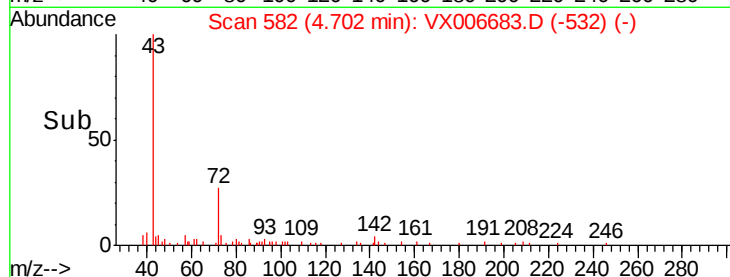
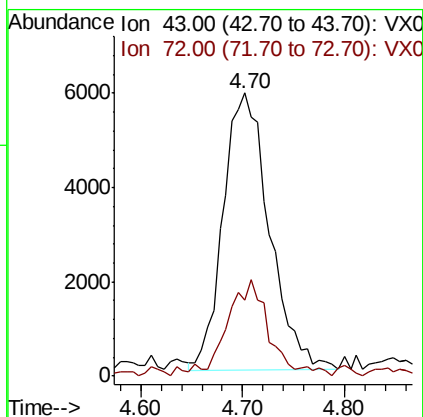
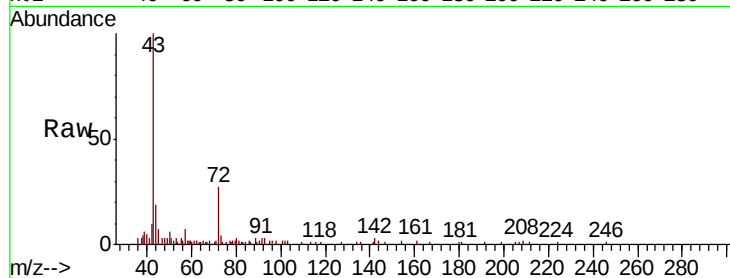
EXCAVATION-WATER

Tot Ion: 43 Resp: 18471

Ion Ratio Lower Upper

43 100

72 25.9 22.4 33.6



#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

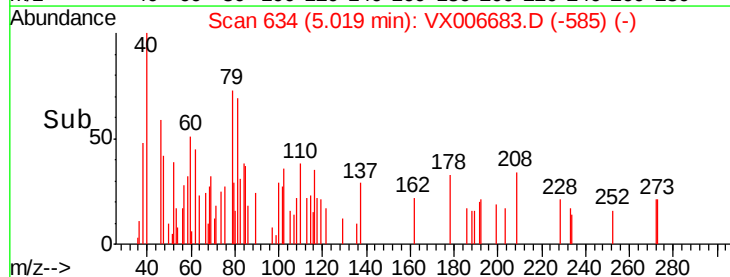
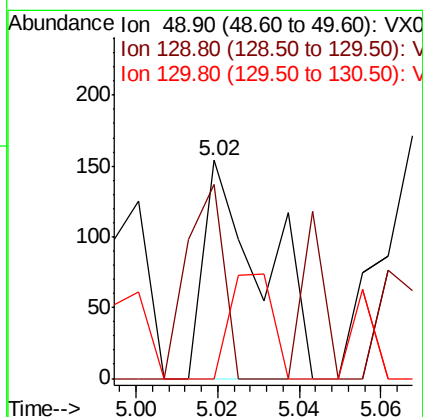
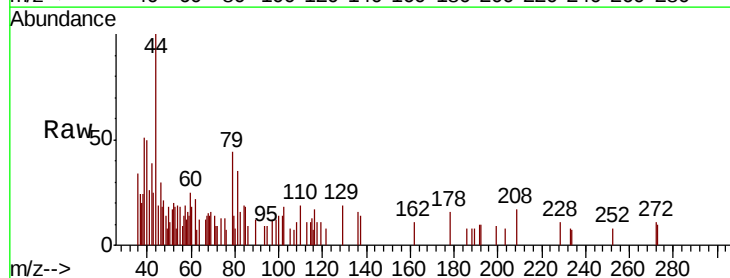
Tgt Ion: 49 Resp: 155

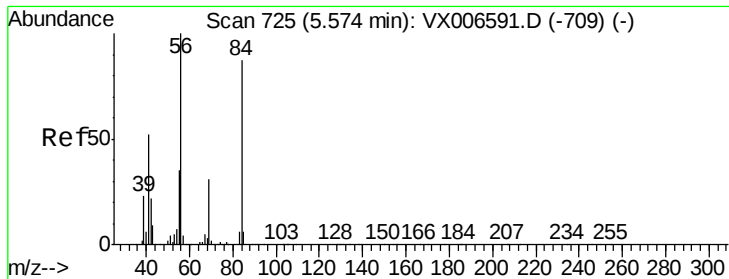
Ion Ratio Lower Upper

49 100

129 55.5 0.0 5.4#

130 0.0 77.7 116.5#

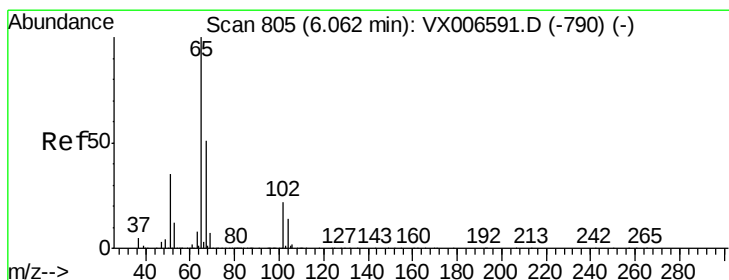
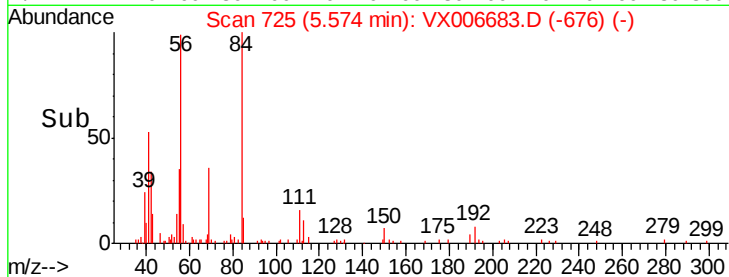
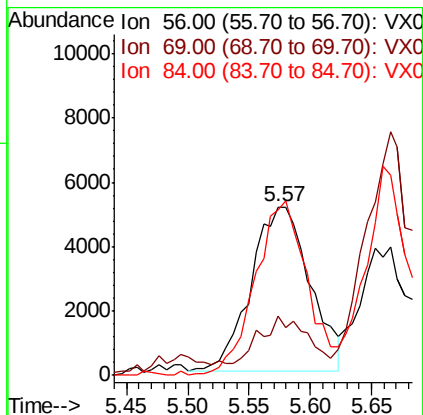
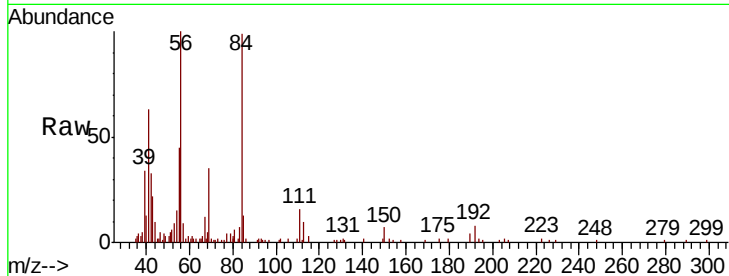




#31
Cyclohexane
Concen: 1.804 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

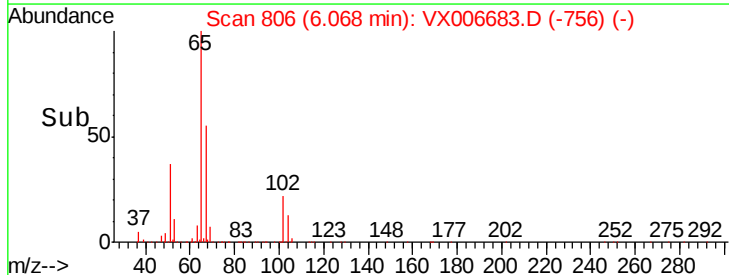
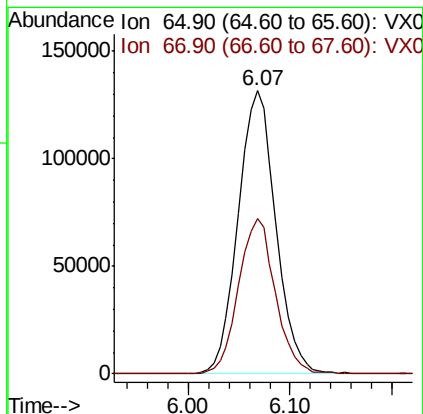
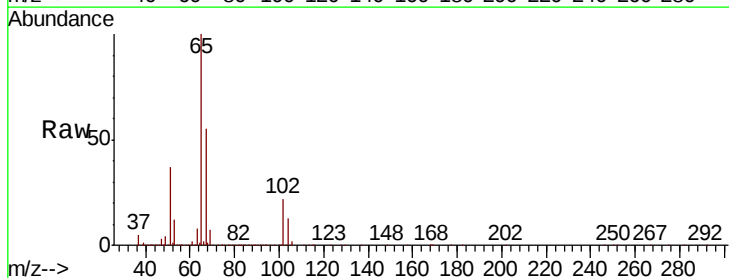
Instrument :
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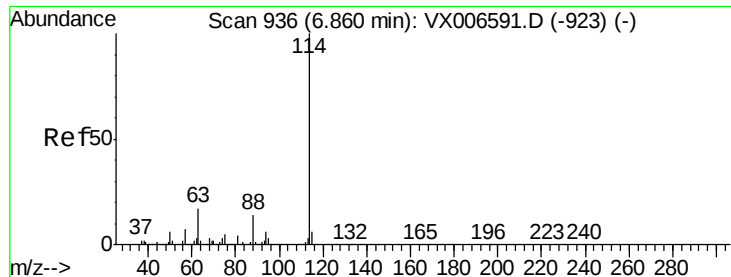
Tot Ion: 56 Resp: 17220
Ion Ratio Lower Upper
56 100
69 25.1 24.4 36.6
84 101.2 70.0 105.0



#33
1,2-Dichloroethane-d4
Concen: 48.874 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

Tgt Ion: 65 Resp: 337019
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

EXCAVATION-WATER

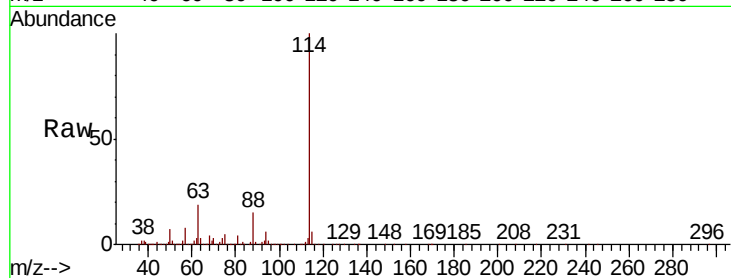
Tot Ion:114 Resp: 986400

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

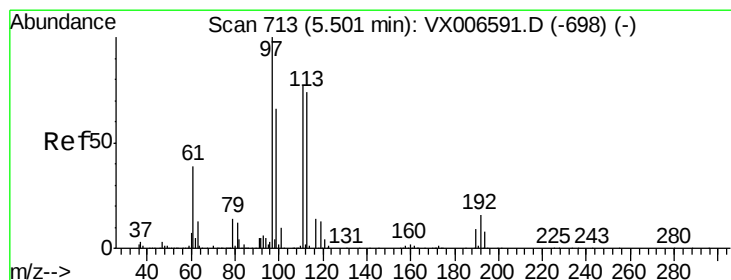
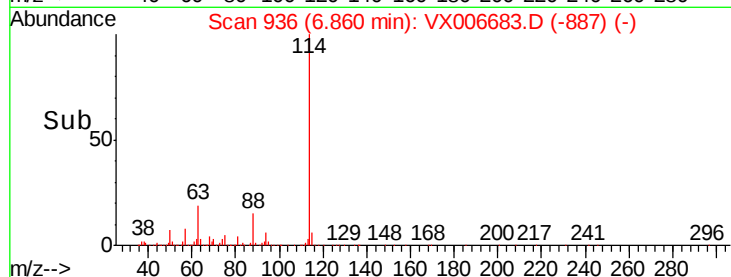
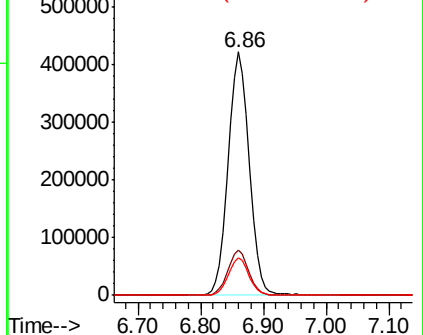
88 15.5 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.455 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

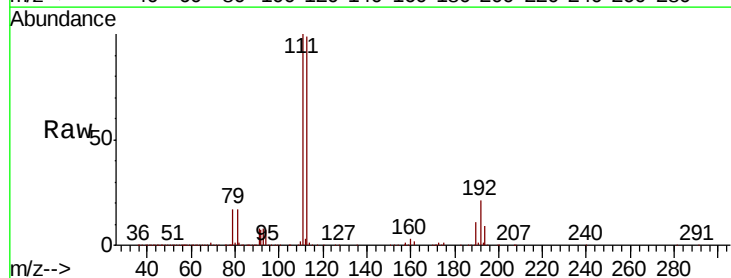
Tgt Ion:113 Resp: 296014

Ion Ratio Lower Upper

113 100

111 101.2 81.6 122.4

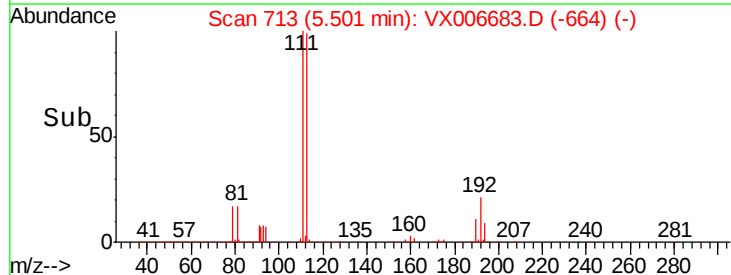
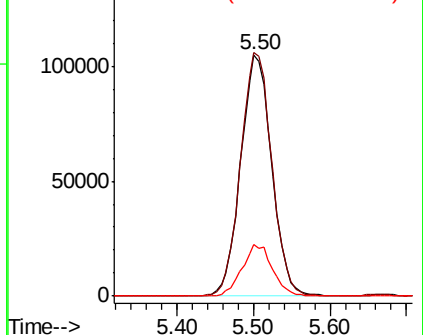
192 20.9 16.7 25.1

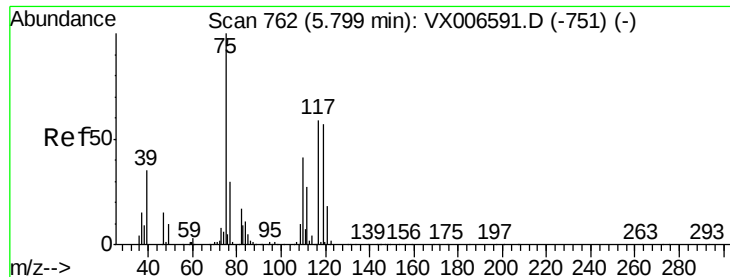


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.988 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

EXCAVATION-WATER

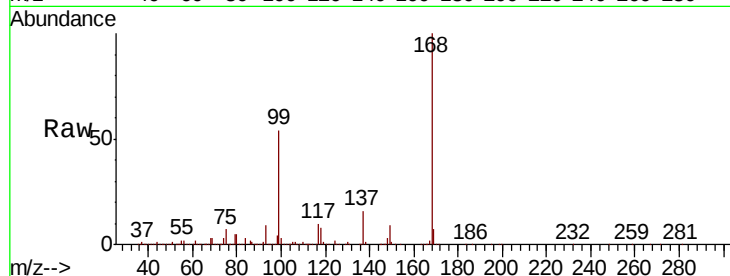
Tot Ion: 75 Resp: 40753

Ion Ratio Lower Upper

75 100

110 11.5 20.2 60.5#

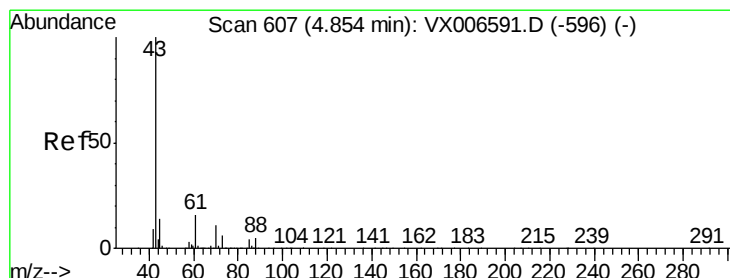
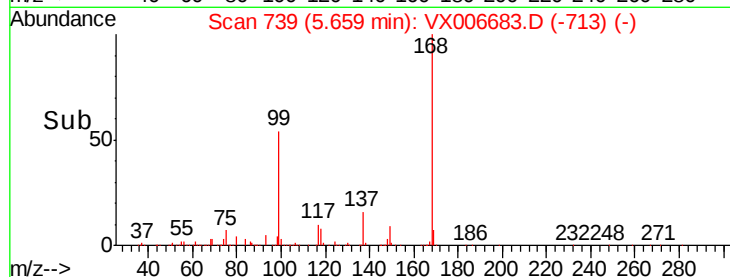
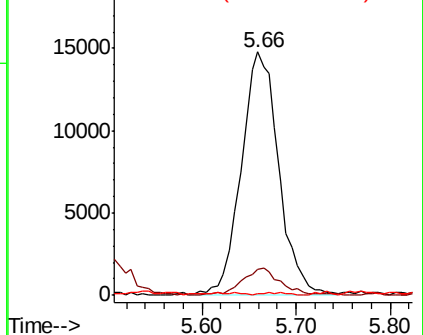
77 0.0 24.8 37.2#



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: 2.168 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.15 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

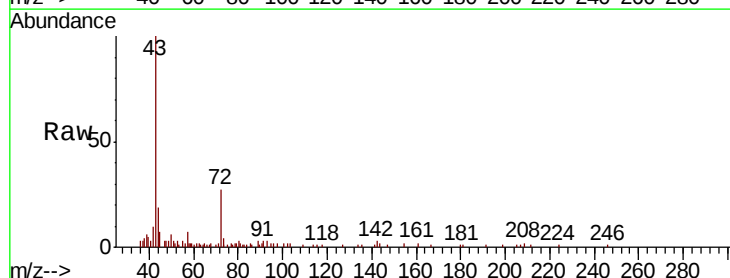
Tgt Ion: 43 Resp: 18436

Ion Ratio Lower Upper

43 100

61 1.6 11.9 17.9#

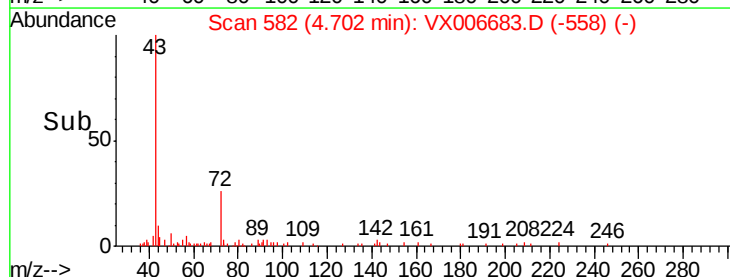
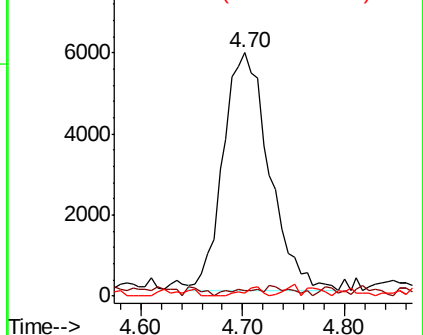
70 0.0 9.7 14.5#

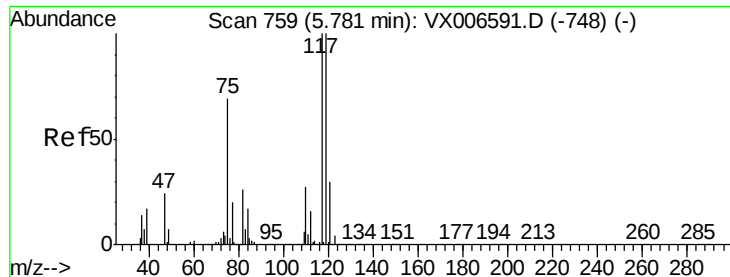


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

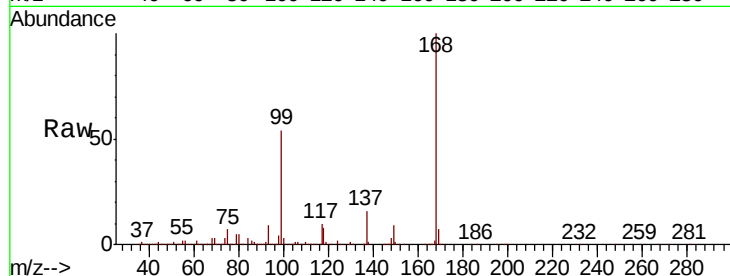




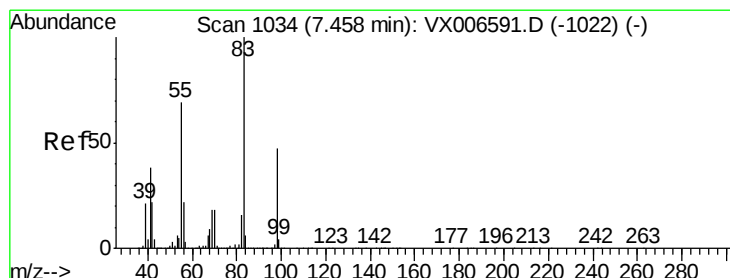
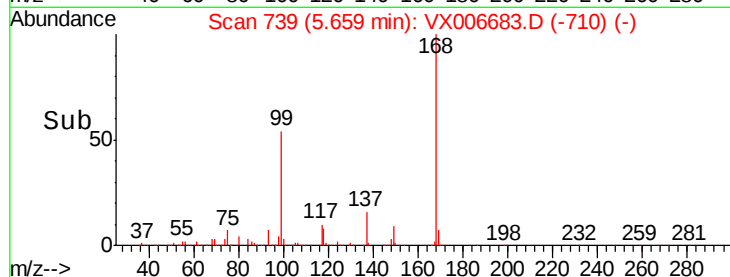
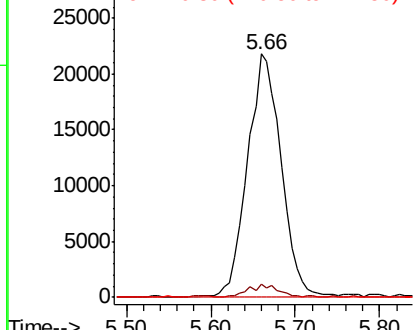
#38
Carbon Tetrachloride
Concen: 7.473 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :
EXCAVATION-WATER

Tot Ion:117 Resp: 59330
Ion Ratio Lower Upper
117 100
119 5.6 79.4 119.2#
121 0.4 24.0 36.0#

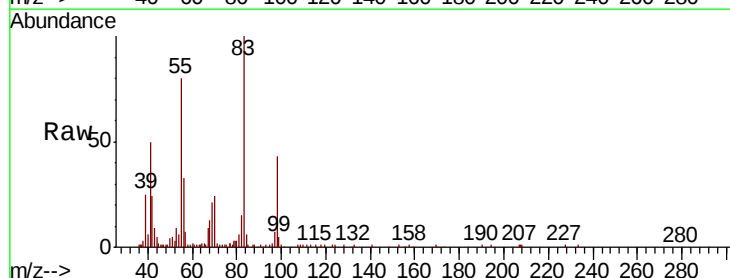


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

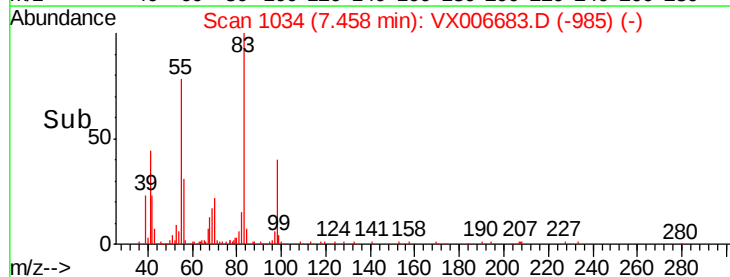
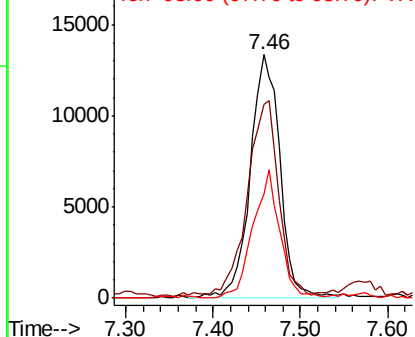


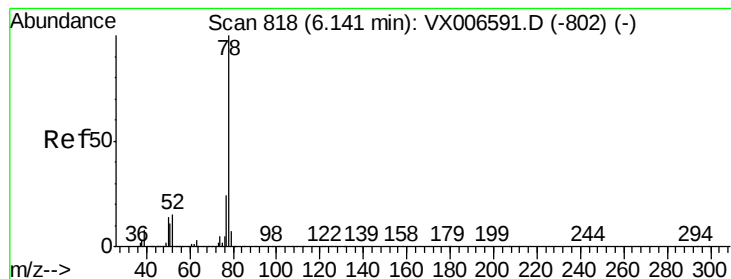
#39
Methylcyclohexane
Concen: 2.933 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

Tgt Ion: 83 Resp: 31549
Ion Ratio Lower Upper
83 100
55 78.2 54.9 82.3
98 42.4 37.9 56.9



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: 0.857 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

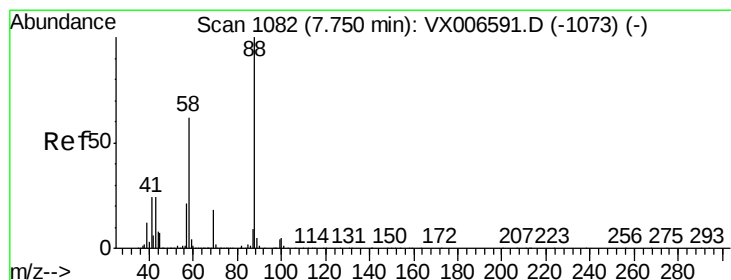
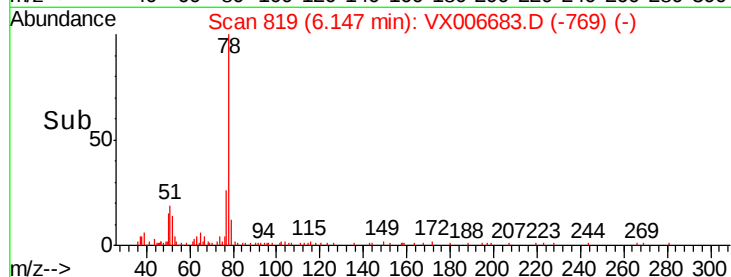
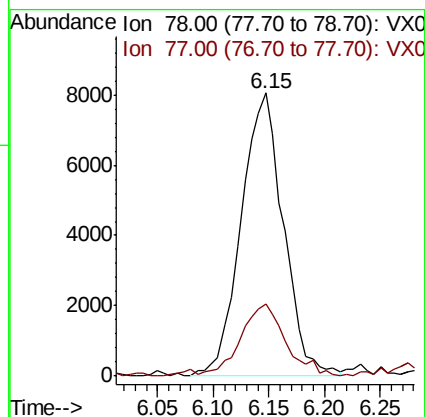
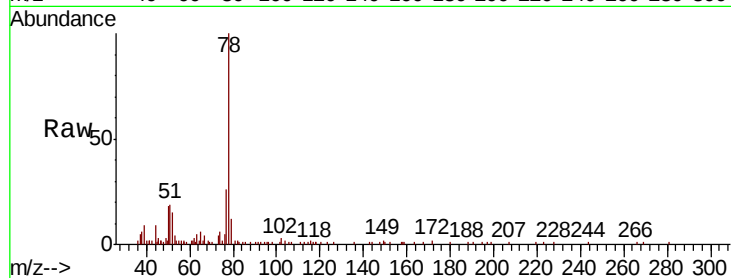
EXCAVATION-WATER

Tot Ion: 78 Resp: 21285

Ion Ratio Lower Upper

78 100

77 24.7 19.2 28.8



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

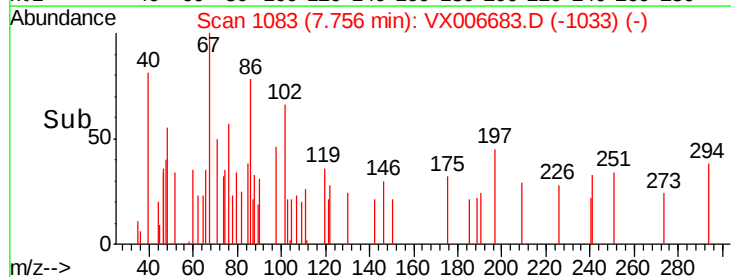
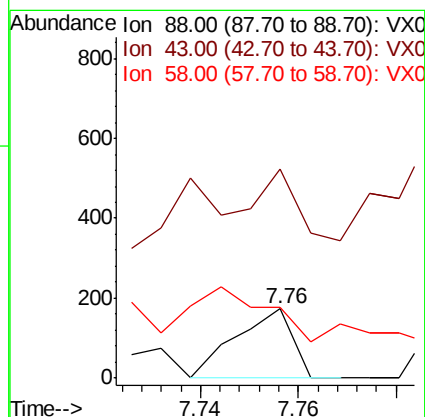
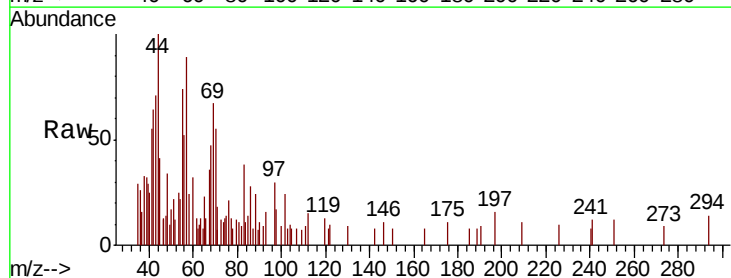
Tgt Ion: 88 Resp: 138

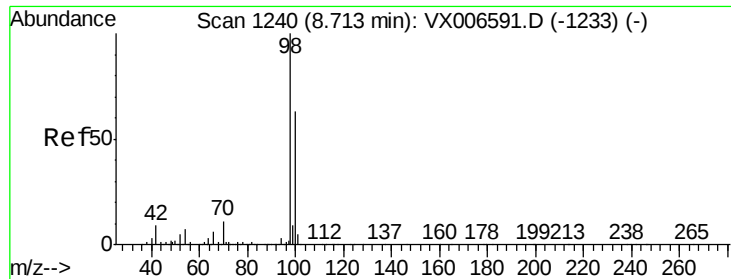
Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

58 0.0 51.0 76.4#





#50

Toluene-d8

Concen: 50.737 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

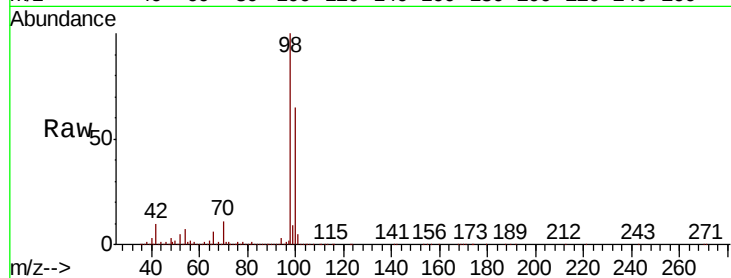
EXCAVATION-WATER

Tot Ion: 98 Resp: 1193173

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

800000

600000

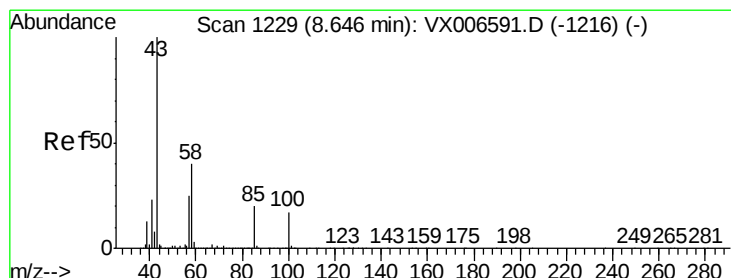
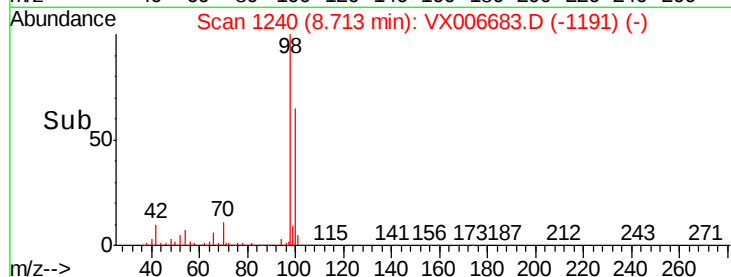
400000

200000

0

8.60 8.70 8.80 8.90

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.635 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX006683.D

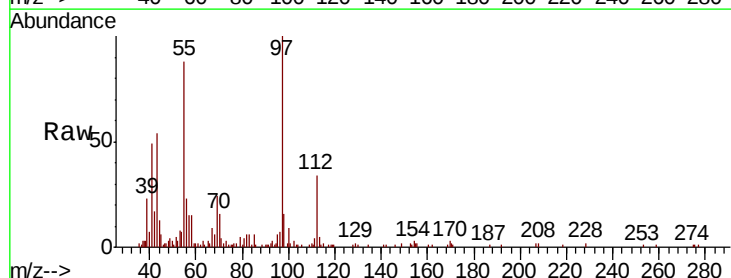
Acq: 20 Dec 2018 18:27

Tgt Ion: 43 Resp: 5231

Ion Ratio Lower Upper

43 100

58 44.1 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

6000

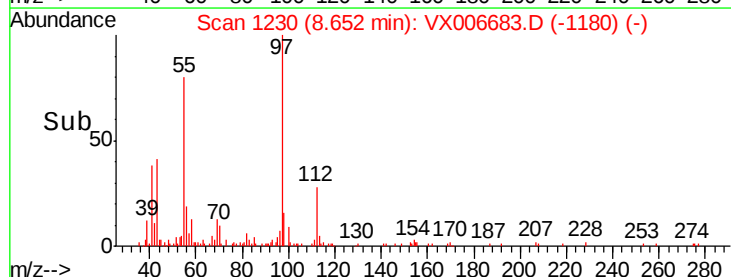
4000

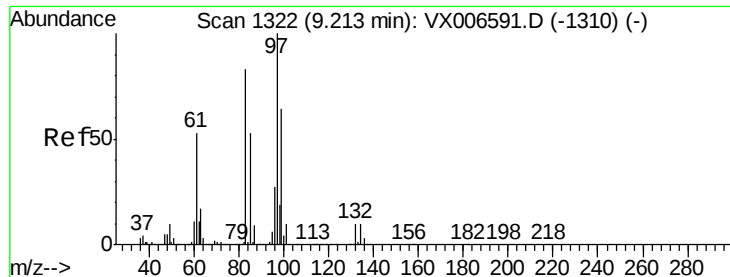
2000

0

8.60 8.65 8.70

Time-->





#55

1,1,2-Trichloroethane

Concen: 1.635 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

EXCAVATION-WATER

Tot Ion: 97 Resp: 10737

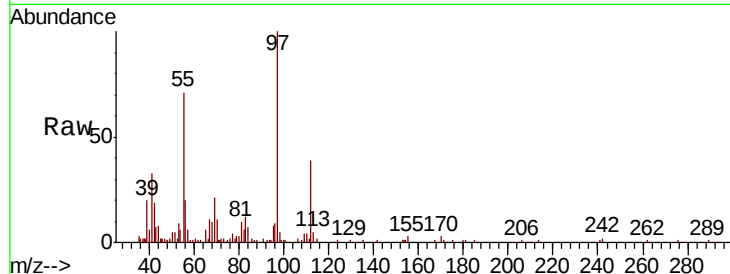
Ion Ratio Lower Upper

97 100

83 8.5 66.6 99.8#

85 2.0 42.7 64.1#

99 1.2 50.8 76.2#

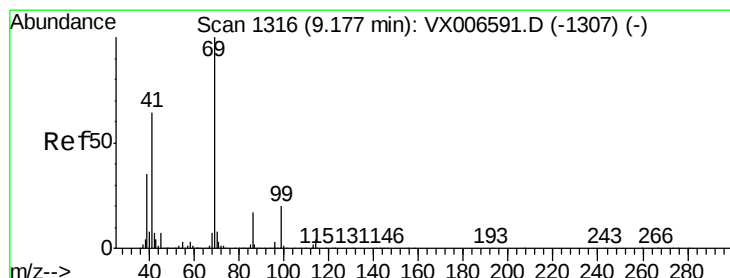
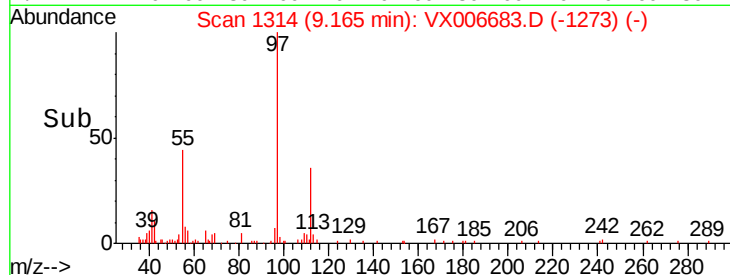
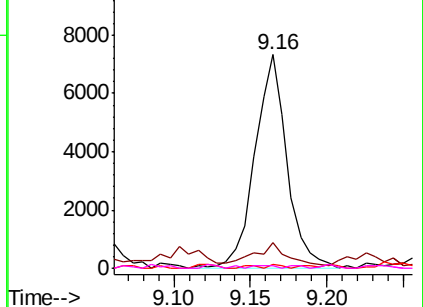


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.277 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

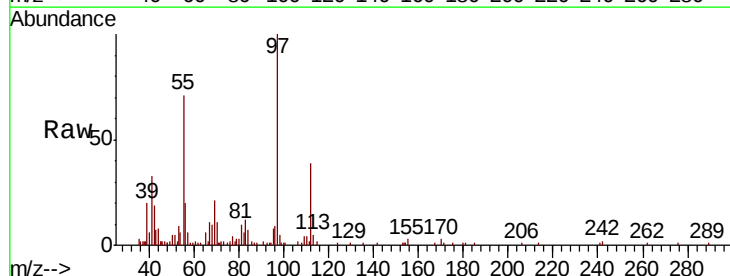
Tgt Ion: 69 Resp: 2569

Ion Ratio Lower Upper

69 100

41 124.0 48.7 73.1#

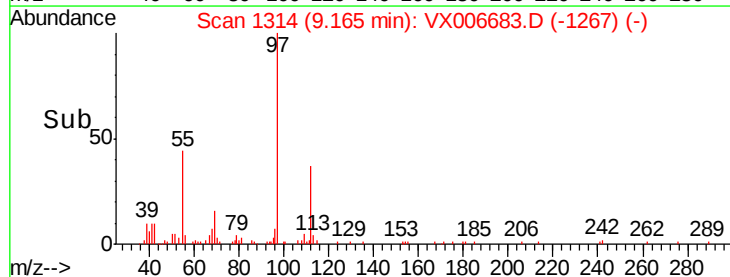
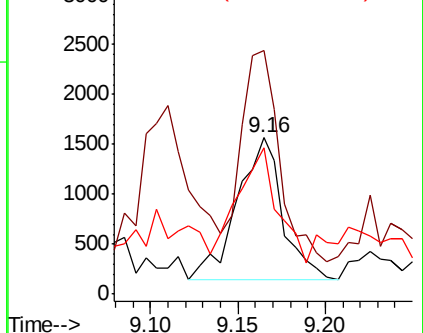
39 72.3 27.0 40.6#

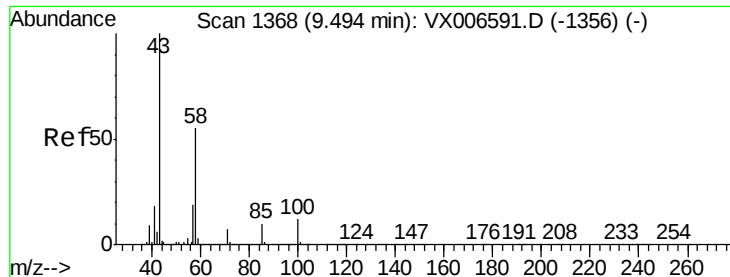


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#59

2-Hexanone

Concen: 0.312 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

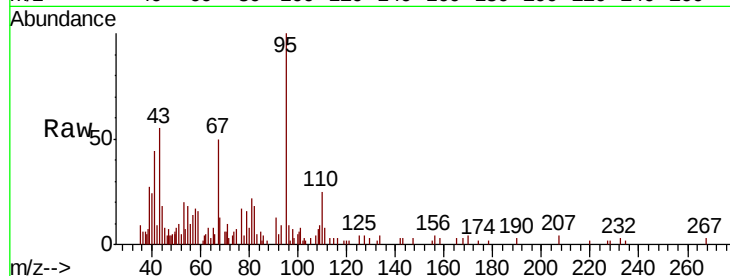
EXCAVATION-WATER

Tot Ion: 43 Resp: 1968

Ion Ratio Lower Upper

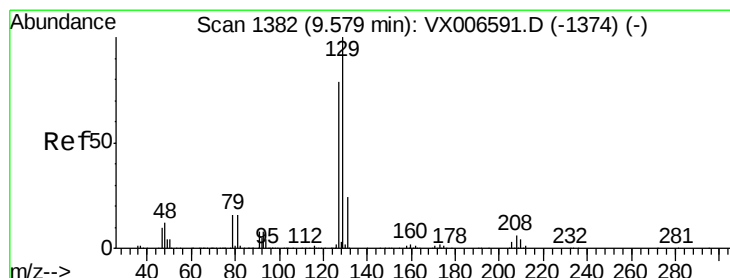
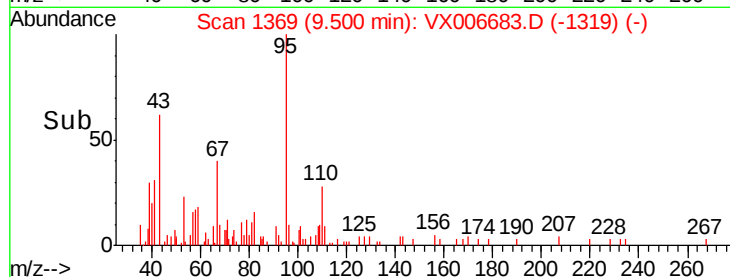
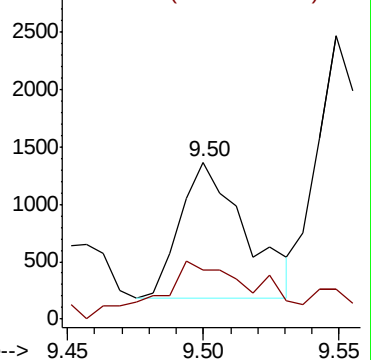
43 100

58 63.0 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX006683.D (-1368) (-)

Ion 58.00 (57.70 to 58.70): VX006683.D (-1368) (-)



#60

Dibromochloromethane

Concen: 2.332 ug/l

RT: 9.55 min Scan# 1378

Delta R.T. -0.02 min

Lab File: VX006683.D

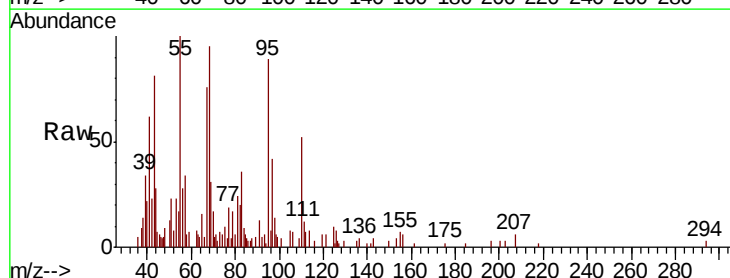
Acq: 20 Dec 2018 18:27

Tgt Ion: 129 Resp: 55

Ion Ratio Lower Upper

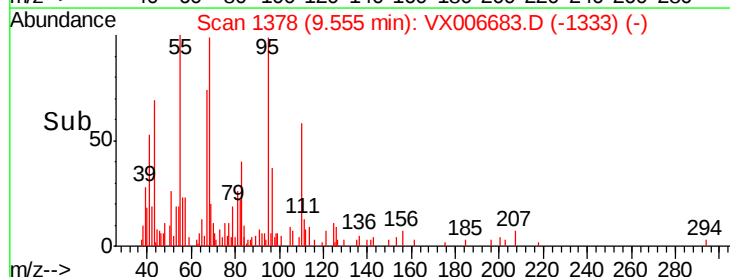
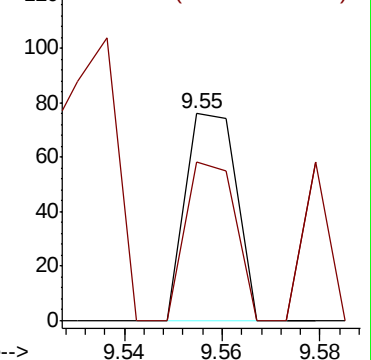
129 100

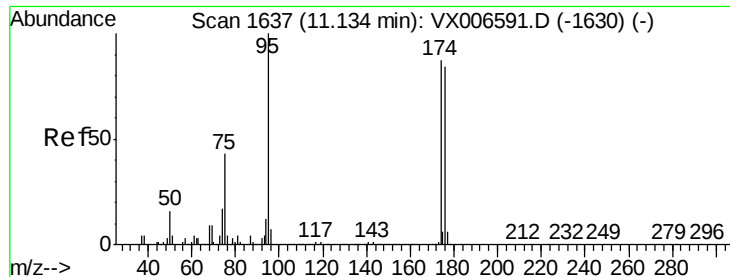
127 74.5 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): VX006683.D (-1382) (-)

Ion 126.80 (126.50 to 127.50): VX006683.D (-1382) (-)

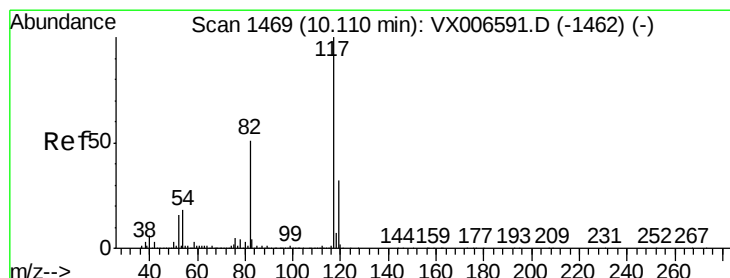
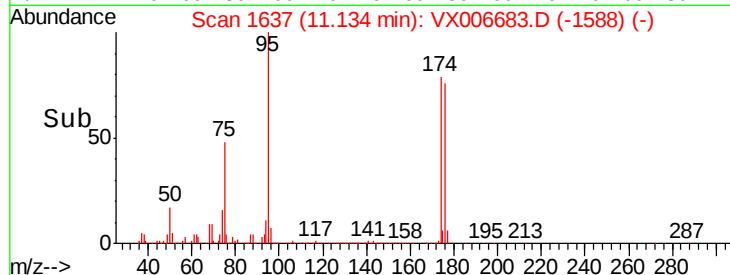
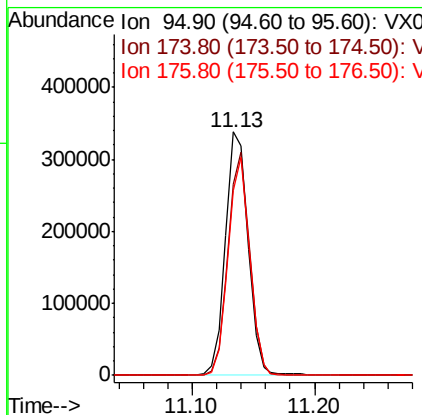
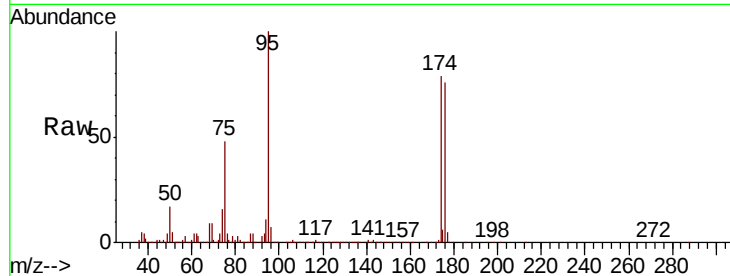




#62
4-Bromofluorobenzene
Concen: 50.076 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

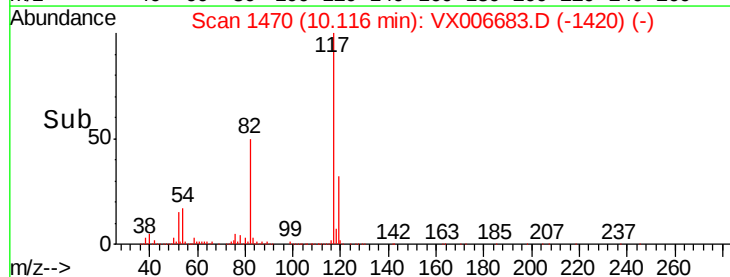
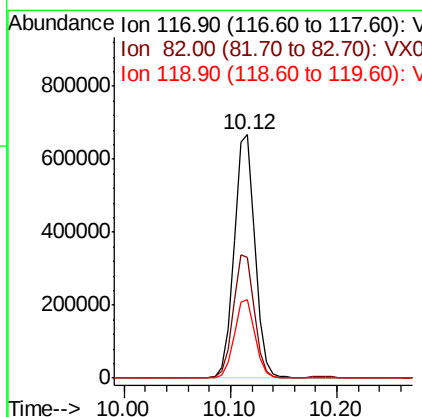
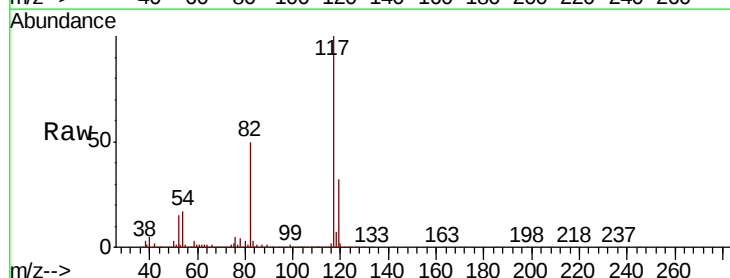
Instrument :
MSVOA_X
ClientSampleId :
EXCAVATION-WATER

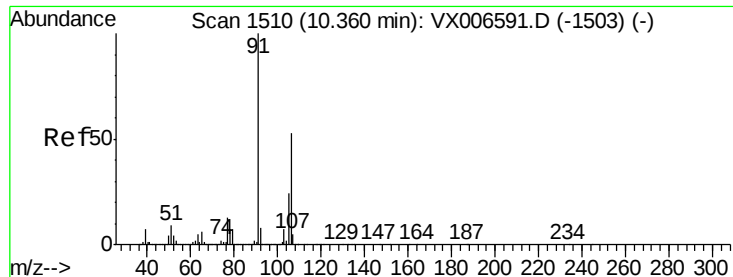
Tot Ion: 95 Resp: 431294
Ion Ratio Lower Upper
95 100
174 87.7 0.0 182.2
176 85.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

Tgt Ion: 117 Resp: 917955
Ion Ratio Lower Upper
117 100
82 49.7 41.0 61.6
119 32.5 25.4 38.0





#68

m/p-Xvlenes

Concen: 0.251 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

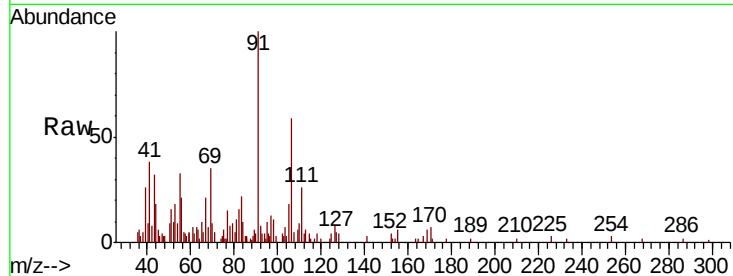
EXCAVATION-WATER

Tot Ion:106 Resp: 3138

Ion Ratio Lower Upper

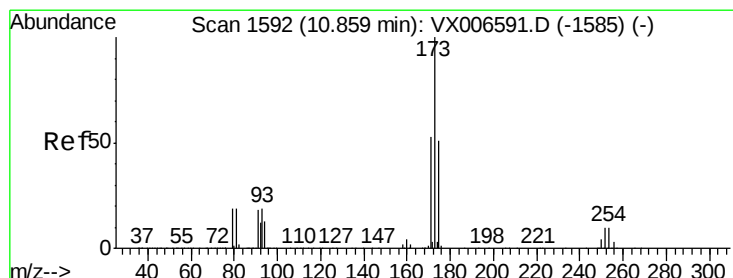
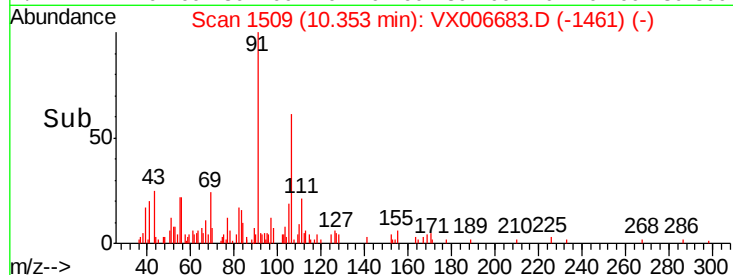
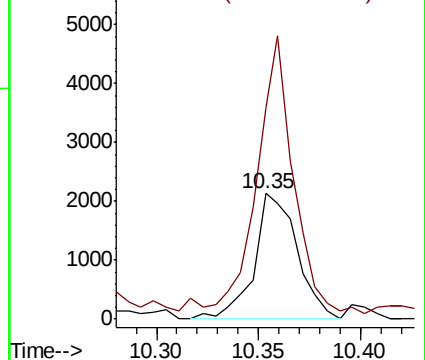
106 100

91 190.5 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#71

Bromoform

Concen: 4.481 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. 0.03 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

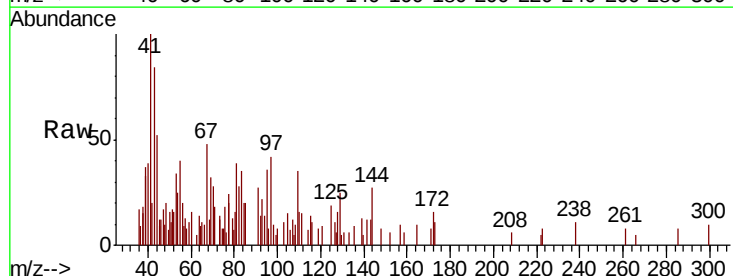
Tgt Ion:173 Resp: 124

Ion Ratio Lower Upper

173 100

175 0.0 24.7 74.1#

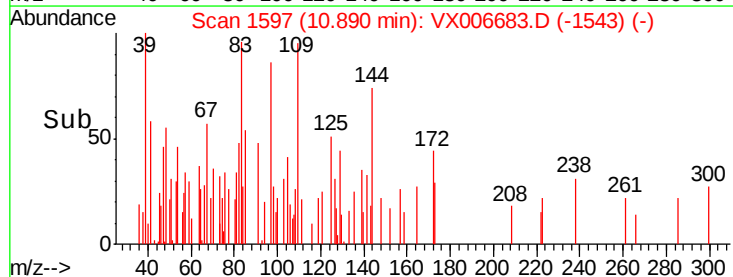
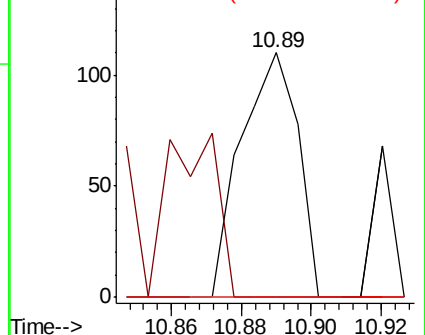
254 0.0 0.2 0.2#

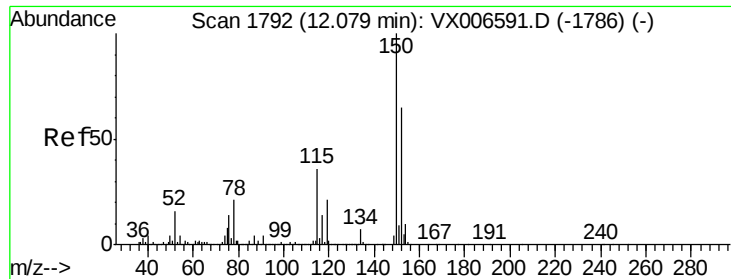


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

EXCAVATION-WATER

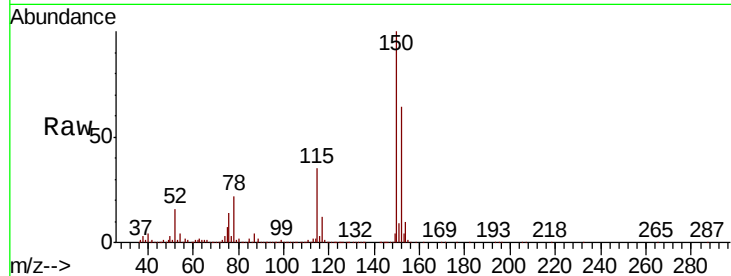
Tot Ion:152 Resp: 447484

Ion Ratio Lower Upper

152 100

115 55.6 39.1 117.2

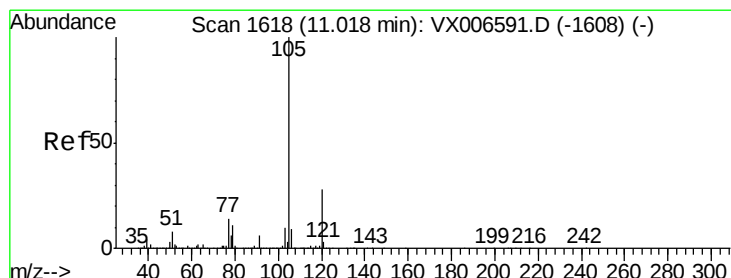
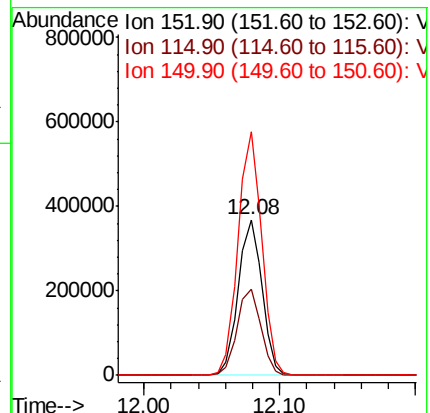
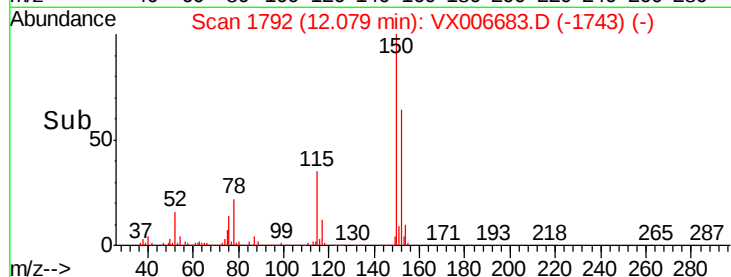
150 156.1 0.0 344.8



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: 1.269 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006683.D

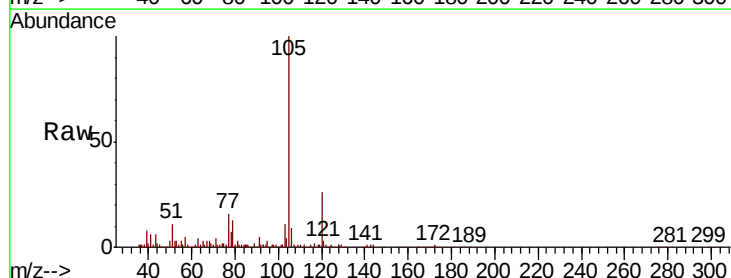
Acq: 20 Dec 2018 18:27

Tgt Ion:105 Resp: 38839

Ion Ratio Lower Upper

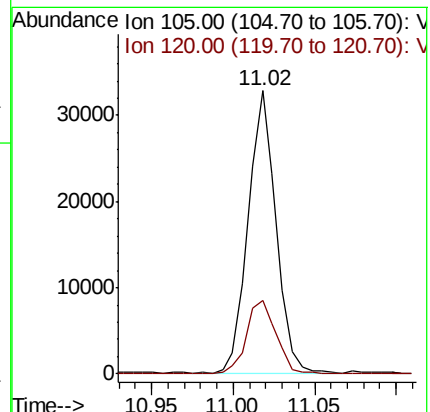
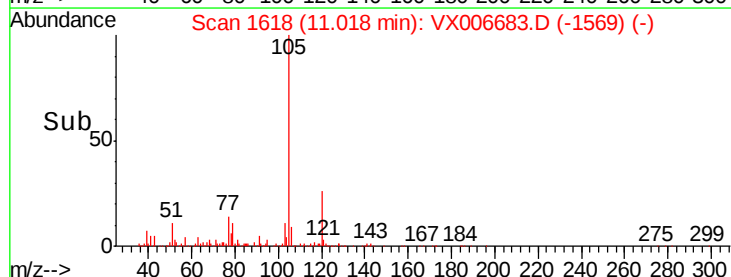
105 100

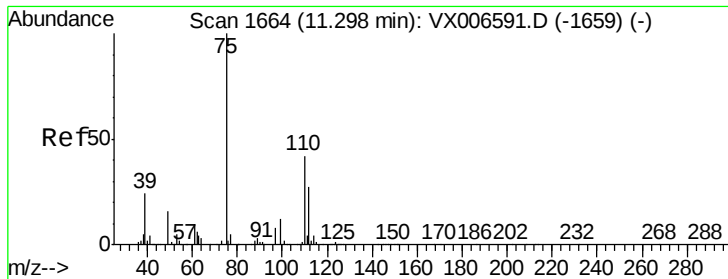
120 28.1 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 24.319 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

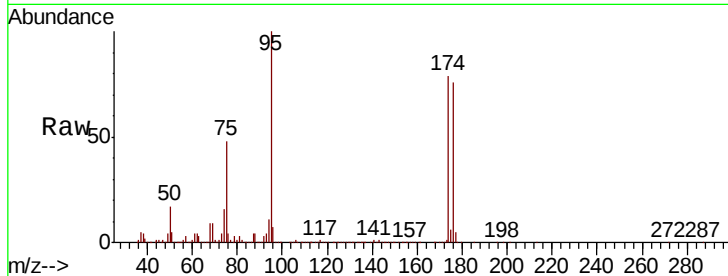
EXCAVATION-WATER

Tot Ion: 75 Resp: 202240

Ion Ratio Lower Upper

75 100

77 1.1 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

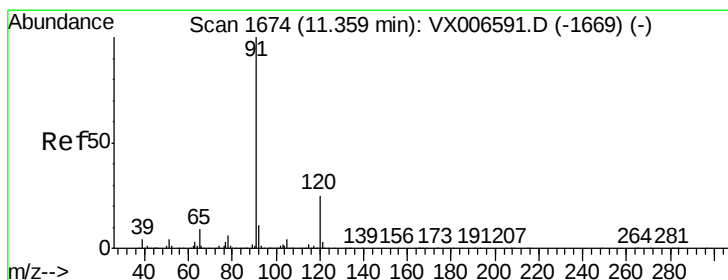
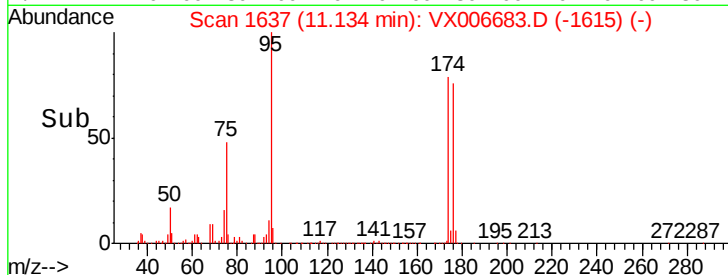
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 1.187 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006683.D

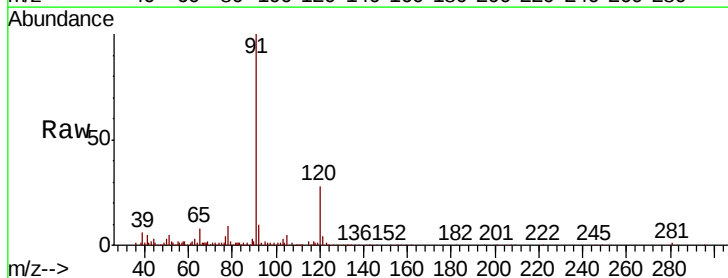
Acq: 20 Dec 2018 18:27

Tgt Ion: 91 Resp: 40011

Ion Ratio Lower Upper

91 100

120 26.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

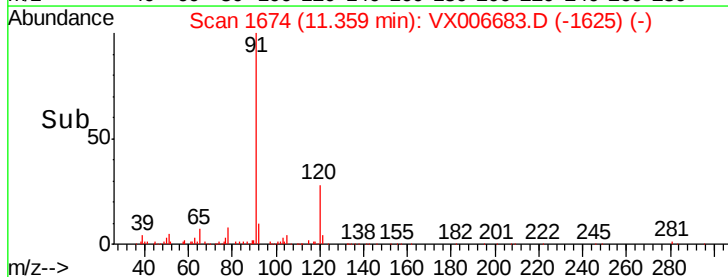
30000

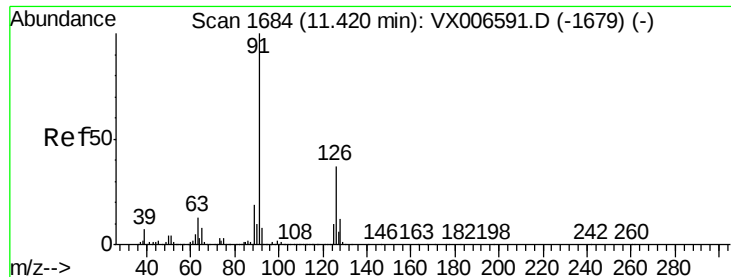
20000

10000

0

Time-->

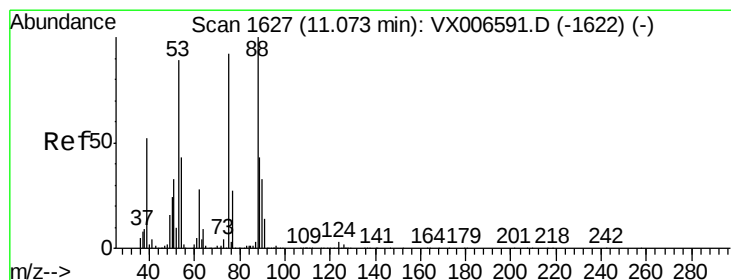
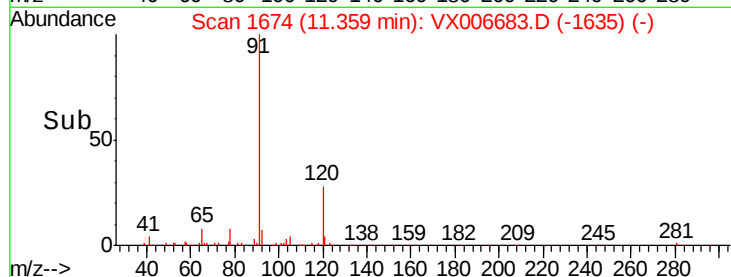
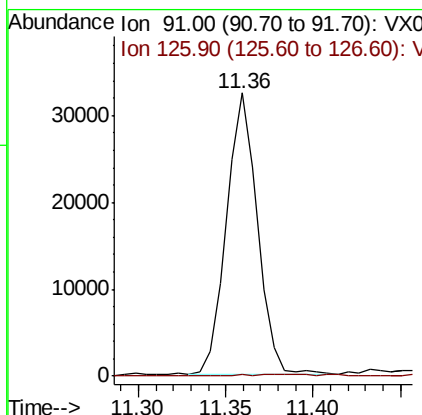
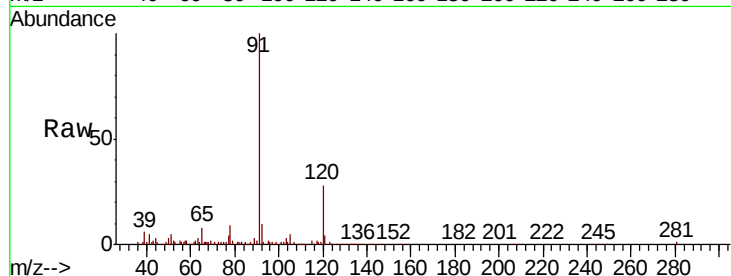




#79
2-Chlorotoluene
Concen: 1.959 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.06 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

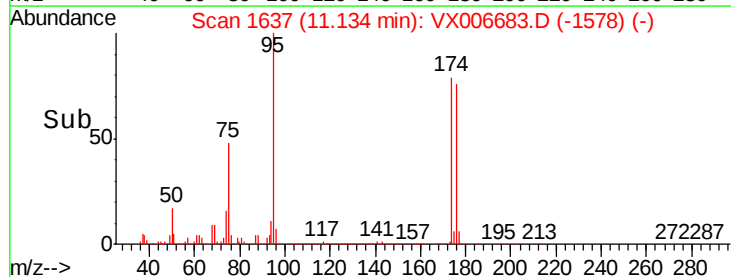
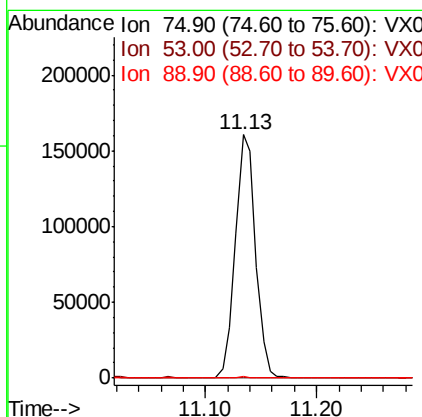
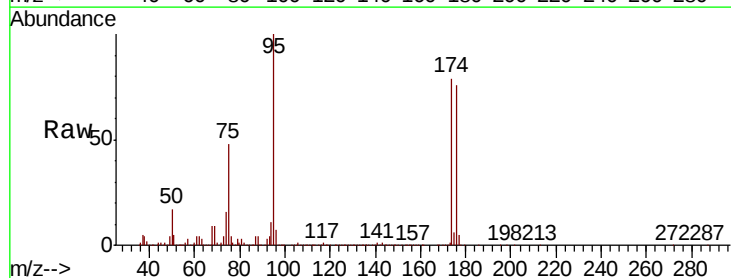
Instrument :
MSVOA_X
ClientSampleId :
EXCAVATION-WATER

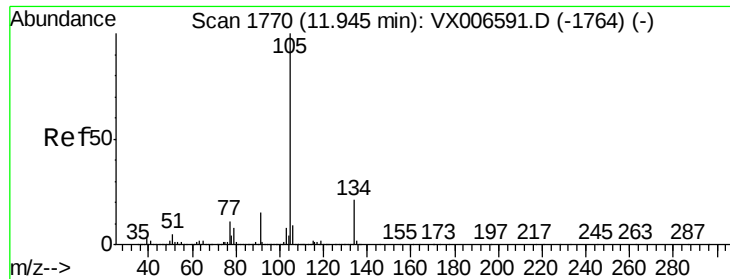
Tot Ion: 91 Resp: 40011
Ion Ratio Lower Upper
91 100
126 0.0 18.6 56.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.977 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

Tgt Ion: 75 Resp: 202240
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.2 38.0 57.0#





#85

sec-Butylbenzene

Concen: 0.365 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

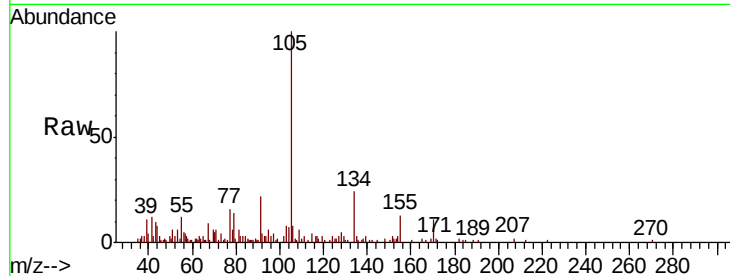
EXCAVATION-WATER

Tot Ion:105 Resp: 11292

Ion Ratio Lower Upper

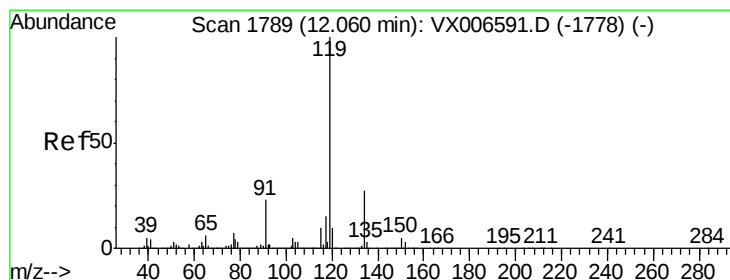
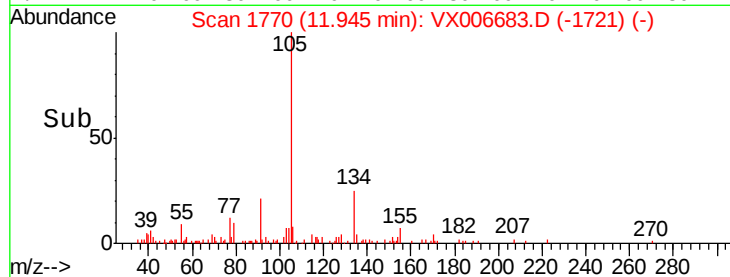
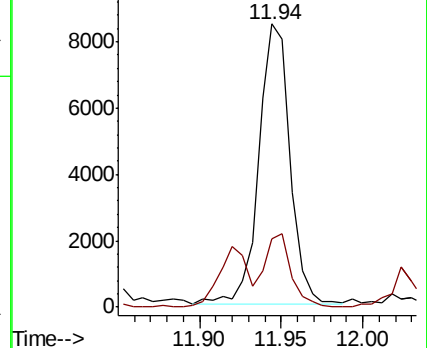
105 100

134 22.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.441 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

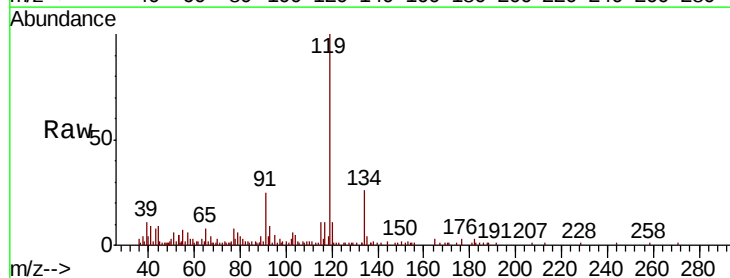
Tgt Ion:119 Resp: 11981

Ion Ratio Lower Upper

119 100

134 28.8 14.0 41.9

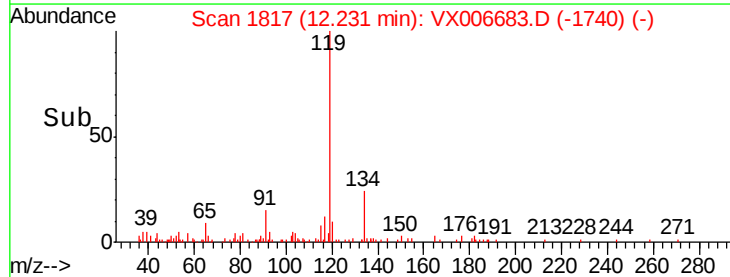
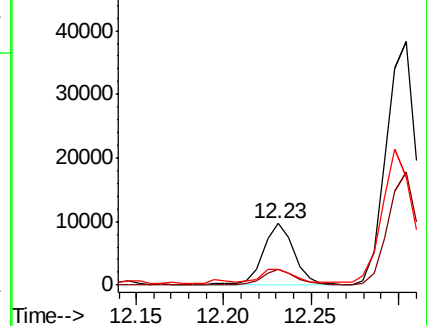
91 22.1 11.3 33.9

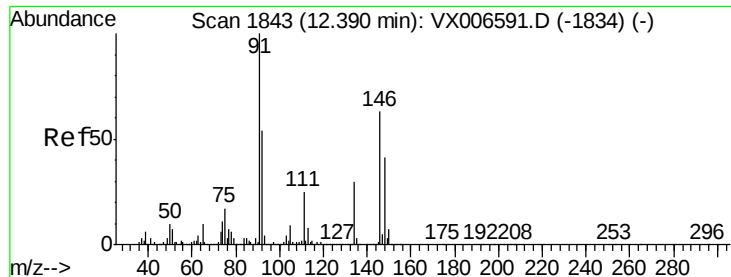


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

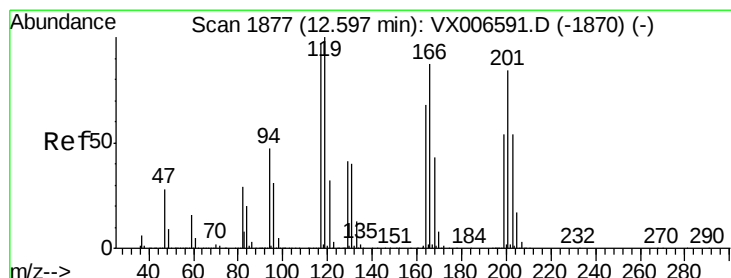
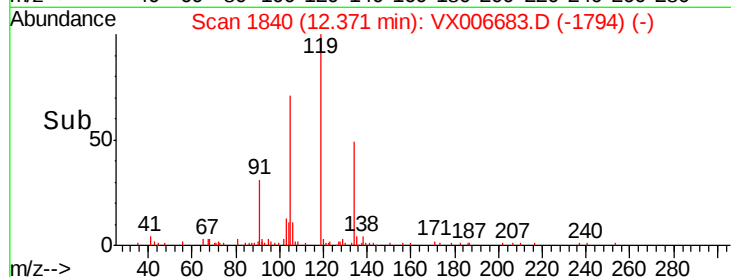
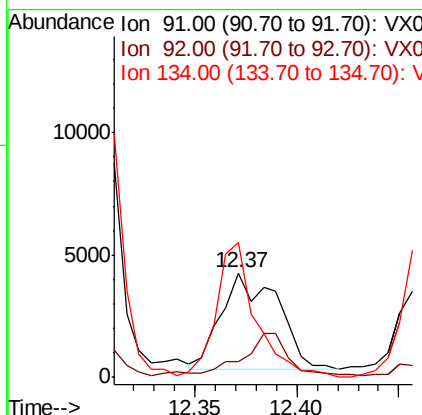
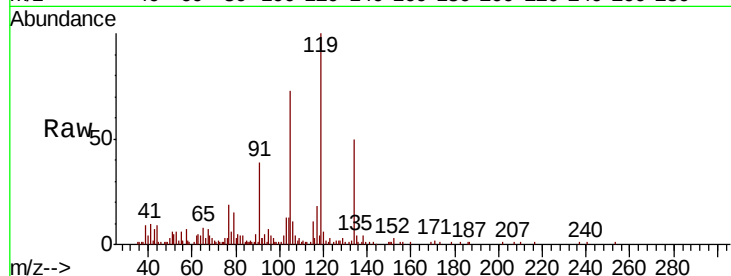




#89
n-Butylbenzene
Concen: 0.331 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.02 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

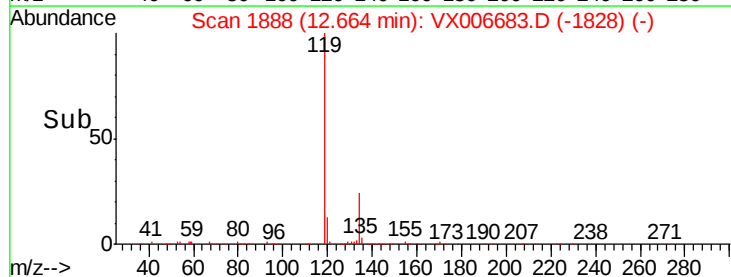
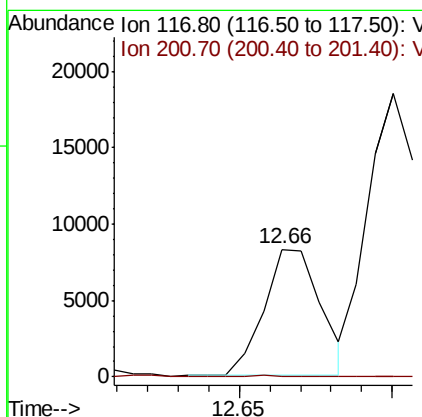
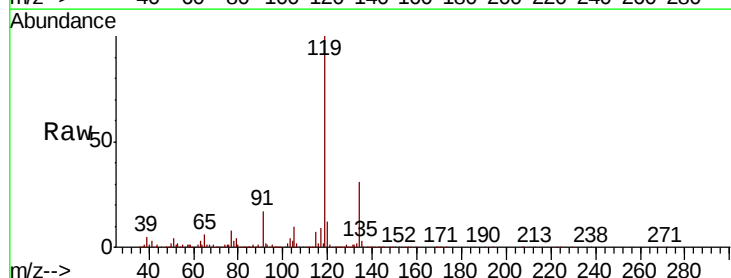
Instrument :
MSVOA_X
ClientSampled :
EXCAVATION-WATER

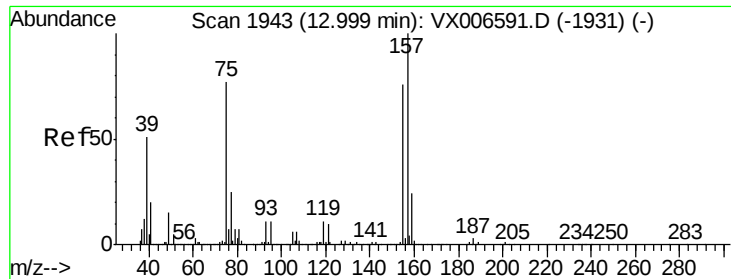
Tot Ion: 91 Resp: 7673
Ion Ratio Lower Upper
91 100
92 34.8 26.8 80.4
134 97.5 14.4 43.2#



#90
Hexachloroethane
Concen: 5.627 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

Tgt Ion: 117 Resp: 10633
Ion Ratio Lower Upper
117 100
201 0.4 42.9 128.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.575 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX006683.D

Acq: 20 Dec 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

EXCAVATION-WATER

Tot Ion: 75 Resp: 1084

Ion Ratio Lower Upper

75 100

155 0.0 50.6 151.8#

157 14.4 64.6 193.8#

