

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 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 04:29:31 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

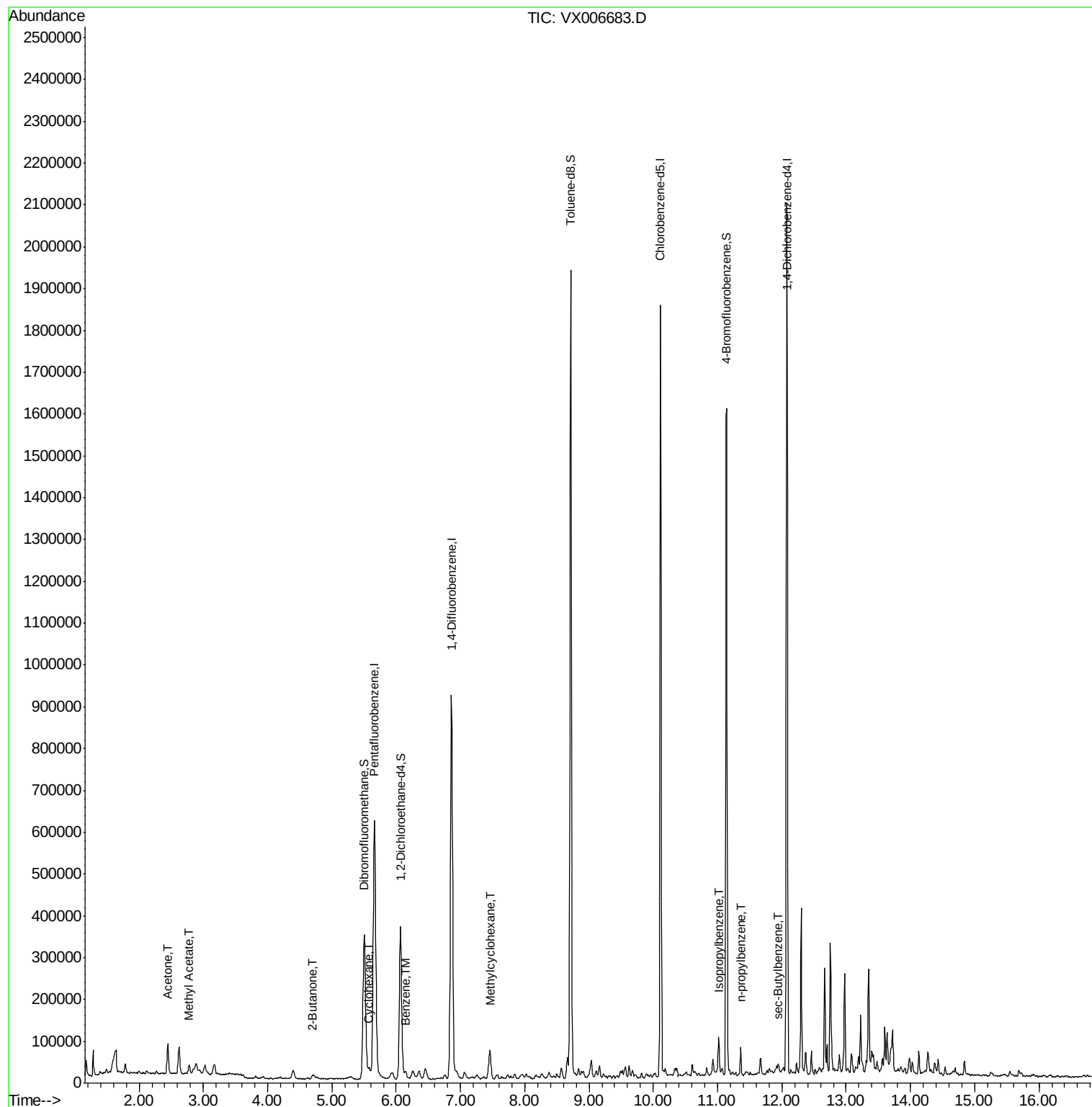
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	639820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	986400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	917955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	447484	50.00	ug/l	0.00
System Monitoring Compounds						
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	
16) Acetone	2.45	43	74095	23.388	ug/l	100
18) Methyl Acetate	2.78	43	26992	2.897	ug/l	91
25) 2-Butanone	4.70	43	18471	4.145	ug/l	96
31) Cyclohexane	5.57	56	17220	1.804	ug/l	86
39) Methylcyclohexane	7.46	83	31549	2.933	ug/l	90
40) Benzene	6.15	78	21285	0.857	ug/l	99
73) Isopropylbenzene	11.02	105	38839	1.269	ug/l	100
78) n-propylbenzene	11.36	91	40011	1.187	ug/l	99
85) sec-Butylbenzene	11.94	105	11292	0.365	ug/l	98

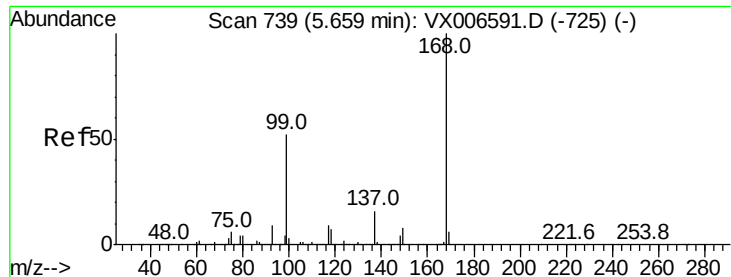
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122018\
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Quant Time: Dec 21 04:29:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#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 :

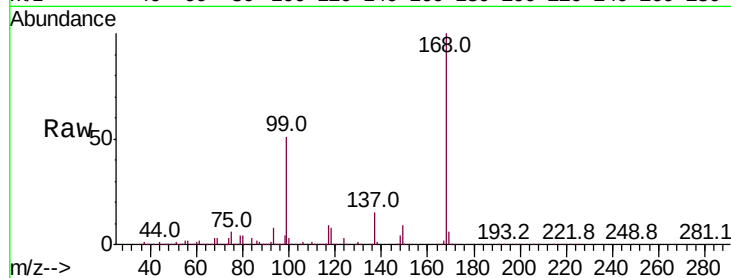
EXCAVATION-WATER

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

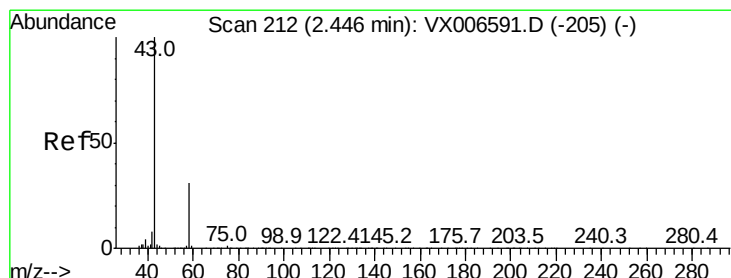
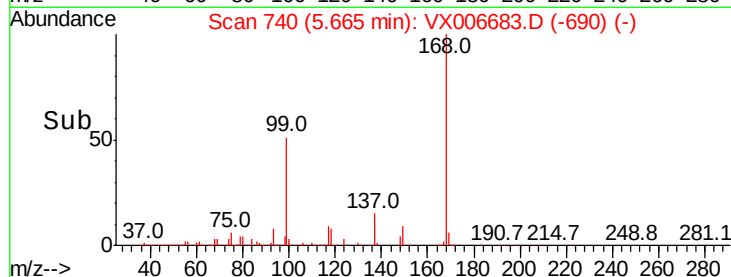
5.67

5.60

5.70

5.80

Time-->



#16

Acetone

Concen: 23.388 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006683.D

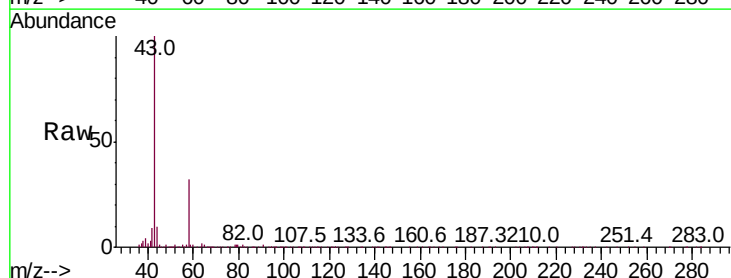
Acq: 20 Dec 2018 18:27

Tgt Ion: 43 Resp: 74095

Ion Ratio Lower Upper

43 100

58 31.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

50000

40000

30000

20000

10000

0

2.45

2.35

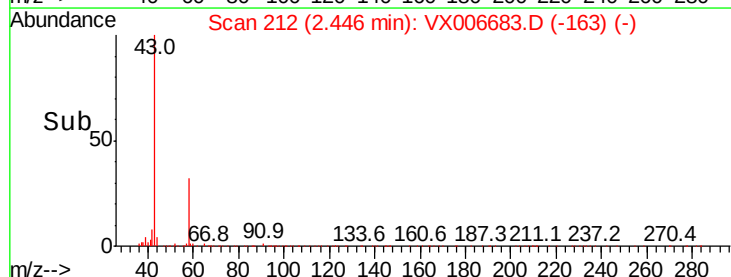
2.40

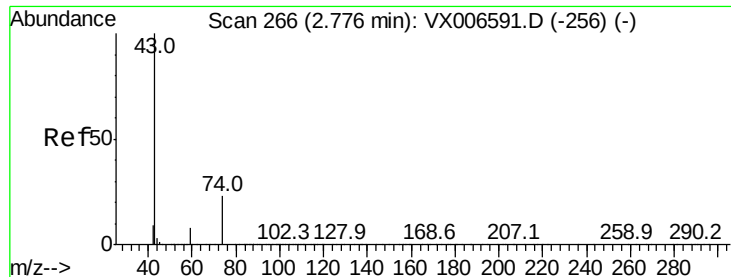
2.45

2.50

2.55

Time-->

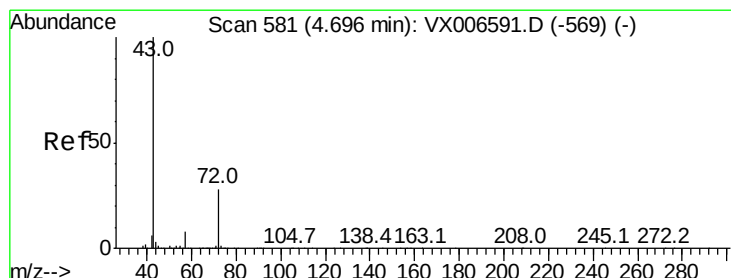
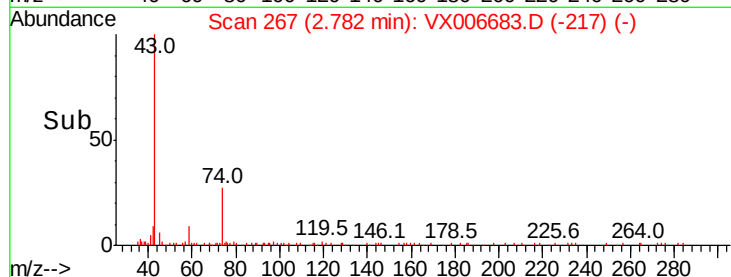
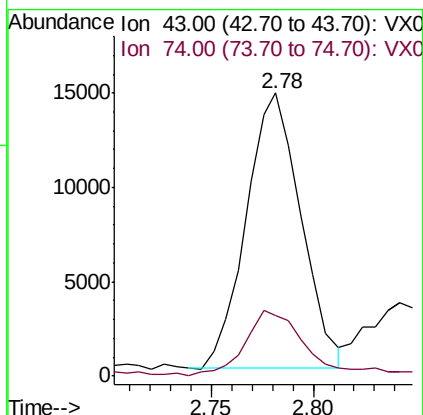
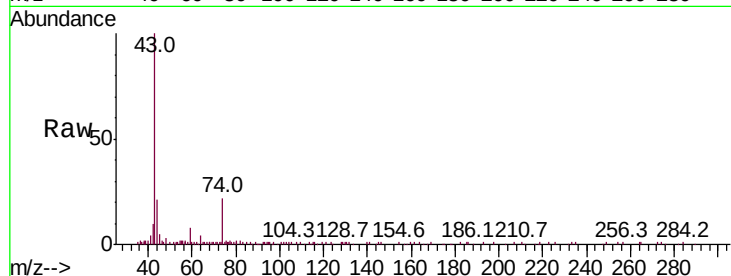




#18
Methvl Acetate
Concen: 2.897 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

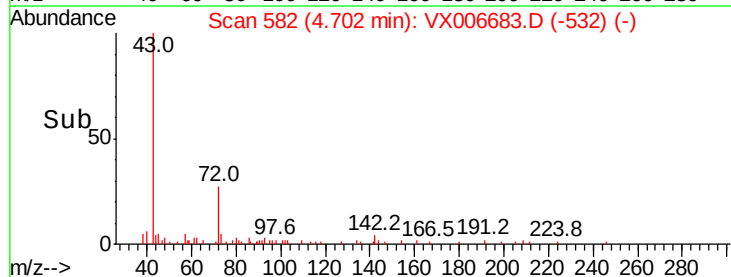
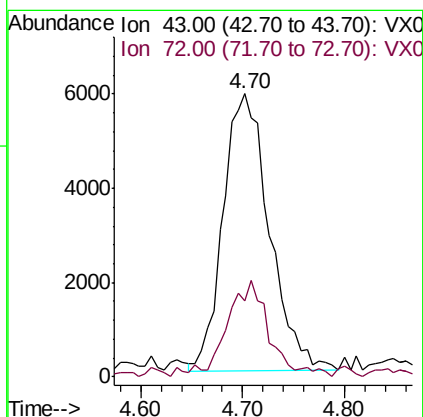
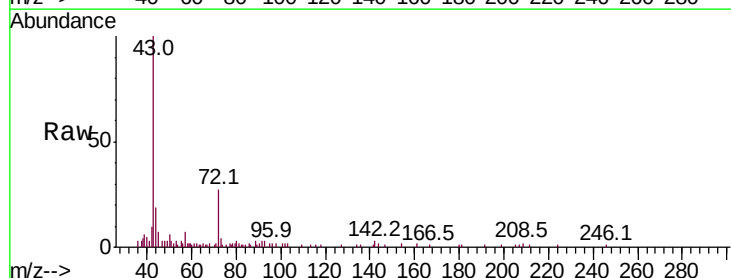
Instrument :
MSVOA_X
ClientSampleId :
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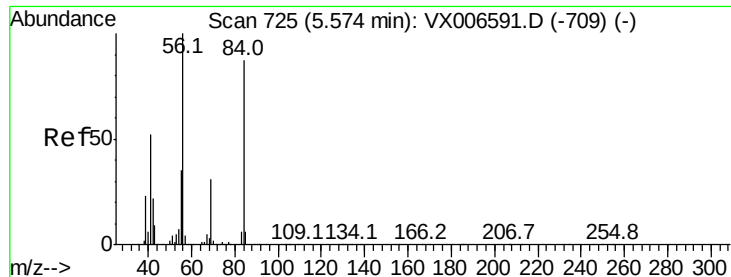
Tot Ion: 43 Resp: 26992
Ion Ratio Lower Upper
43 100
74 27.8 18.6 28.0



#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

Tgt Ion: 43 Resp: 18471
Ion Ratio Lower Upper
43 100
72 25.9 22.4 33.6

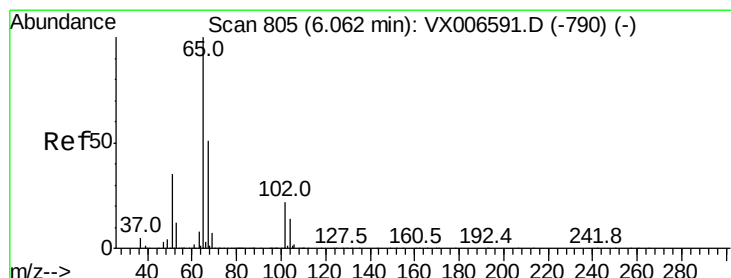
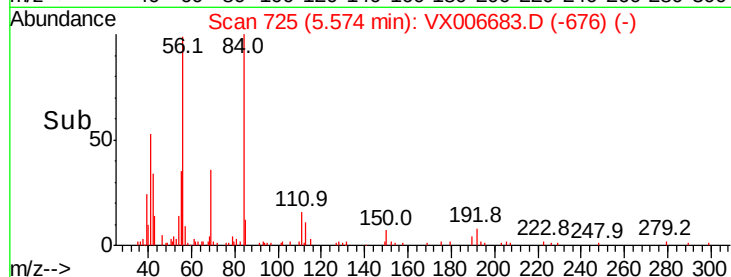
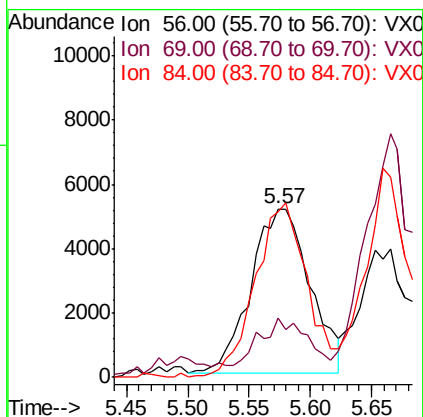
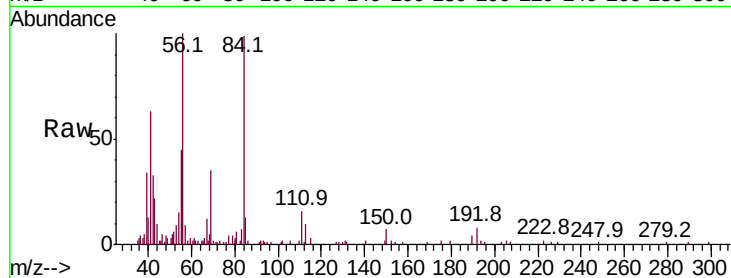




#31
Cyclohexane
Concen: 1.804 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

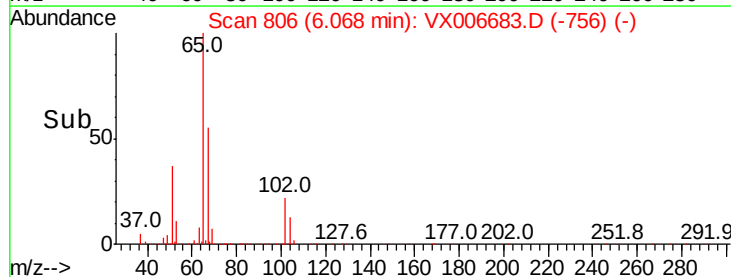
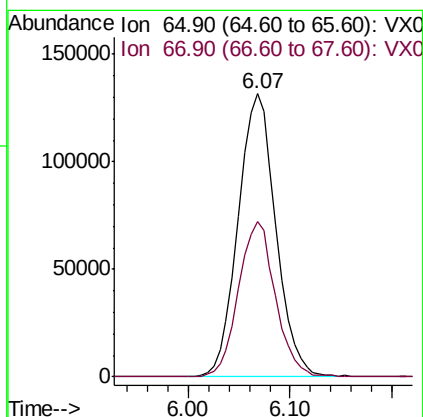
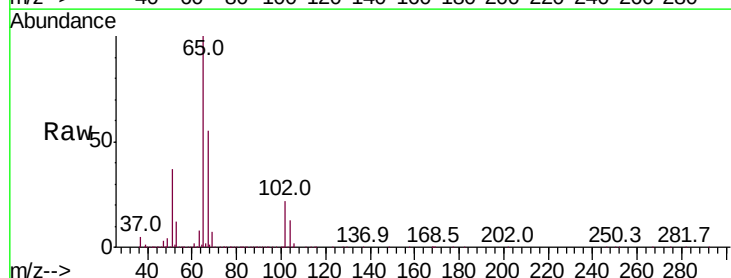
Instrument :
MSVOA_X
ClientSampleId :
EXCAVATION-WATER

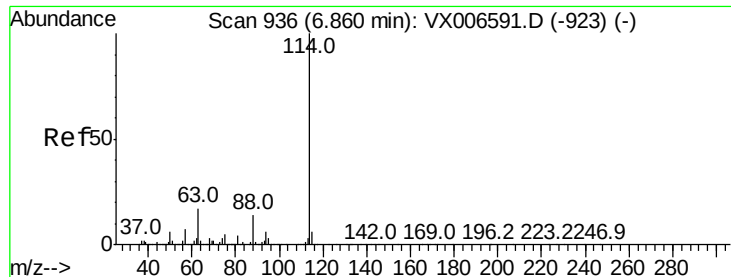
Tot Ion: 56 Resp: 17220
Ion Ratio Lower Upper
56 100
69 25.1 24.4 36.6
84 101.2 70.0 105.0



#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

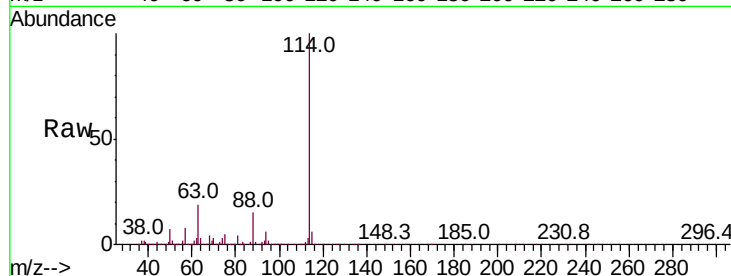
Tot Ion:114 Resp: 986400

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

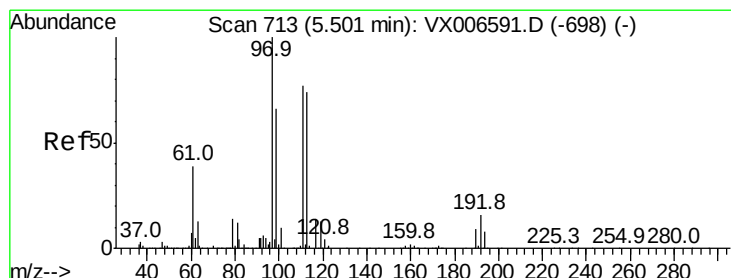
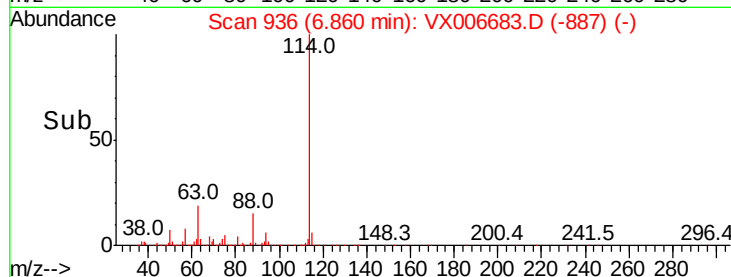
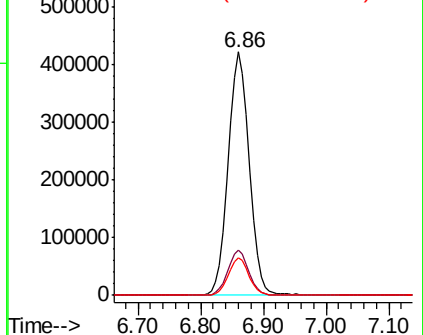
88 15.5 0.0 28.8



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

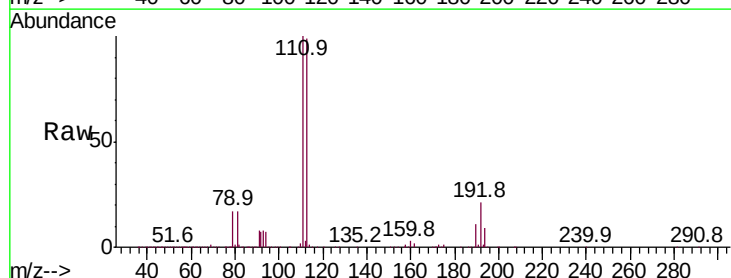
Tgt Ion:113 Resp: 296014

Ion Ratio Lower Upper

113 100

111 101.2 81.6 122.4

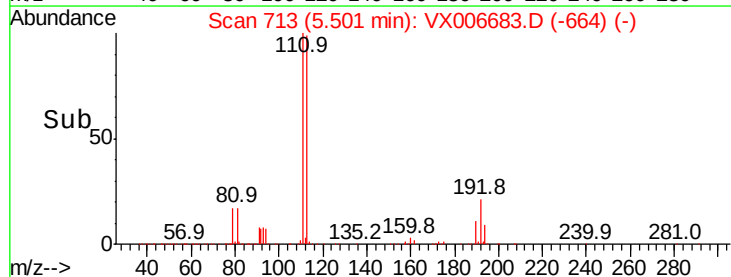
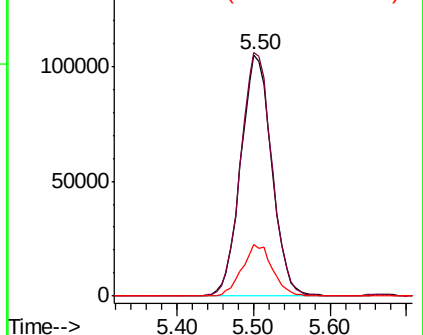
192 20.9 16.7 25.1

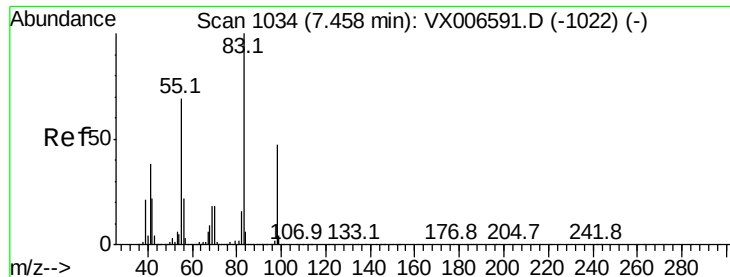


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

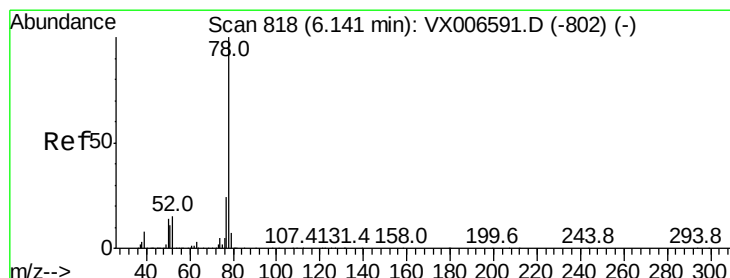
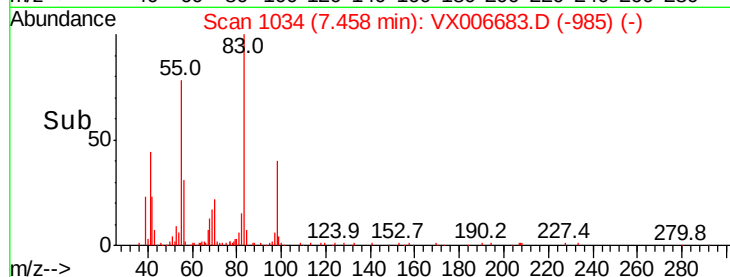
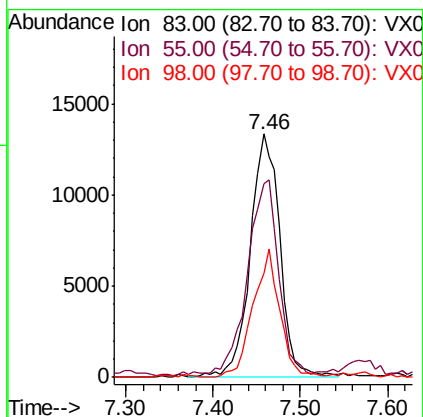
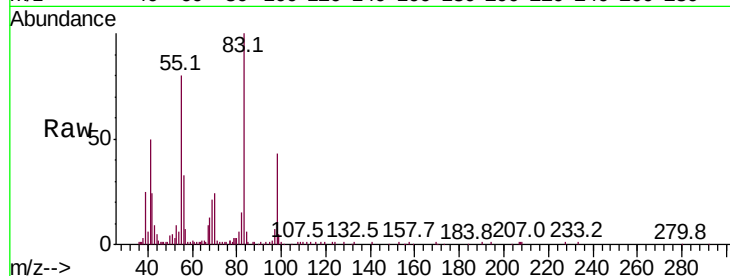




#39
Methylvlcyclohexane
Concen: 2.933 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

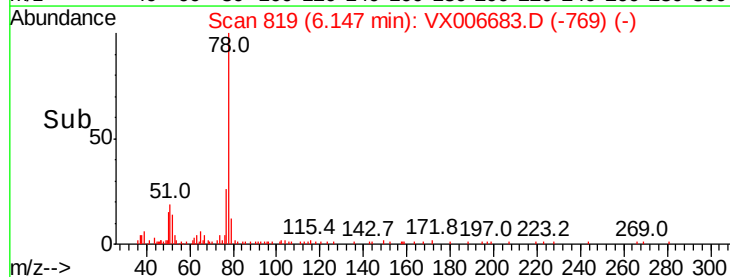
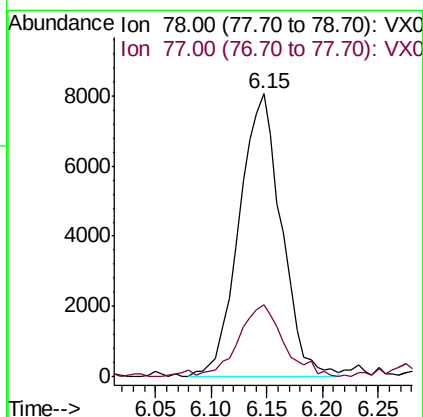
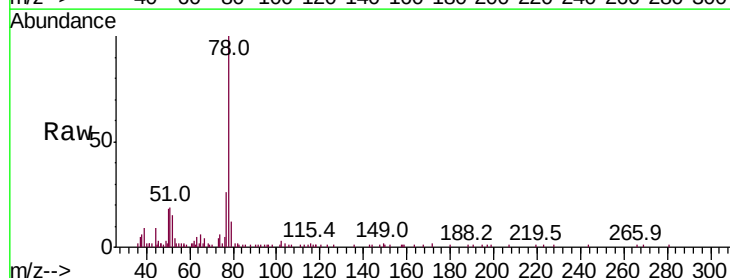
Instrument :
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ClientSampleId :
EXCAVATION-WATER

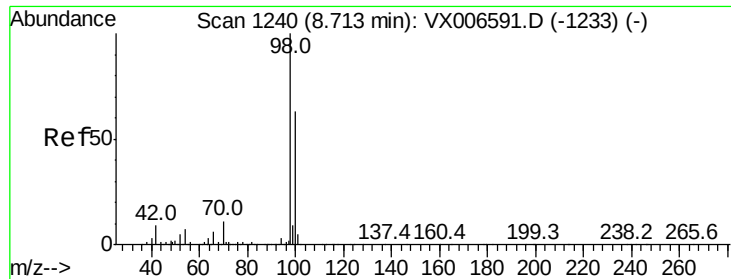
Tot Ion: 83 Resp: 31549
Ion Ratio Lower Upper
83 100
55 78.2 54.9 82.3
98 42.4 37.9 56.9



#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

Tgt Ion: 78 Resp: 21285
Ion Ratio Lower Upper
78 100
77 24.7 19.2 28.8

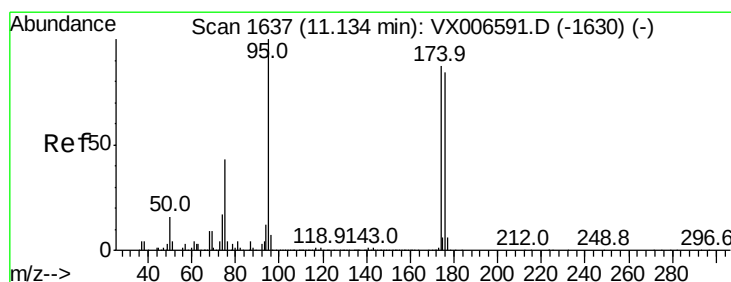
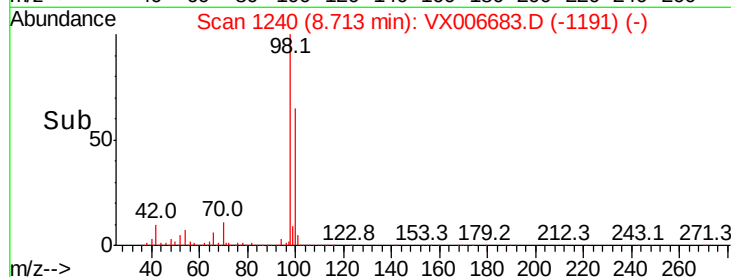
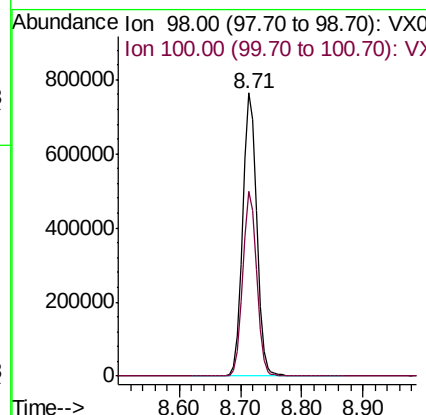
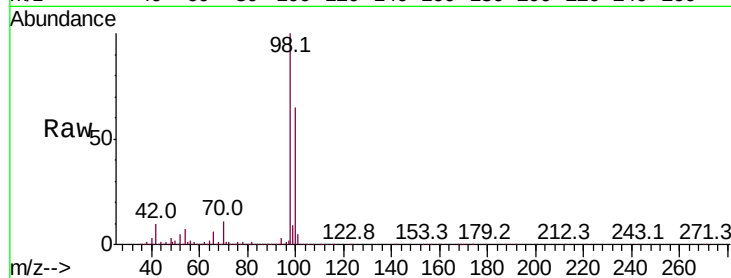




#50
Toluene-d8
Concen: 50.737 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

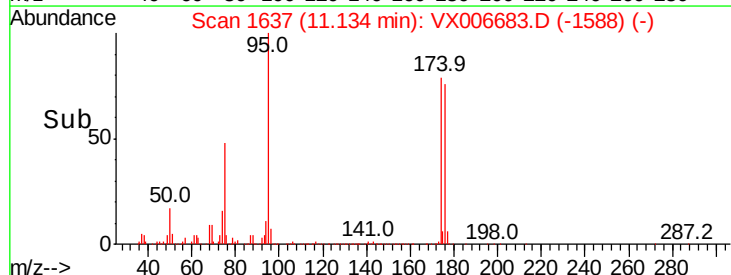
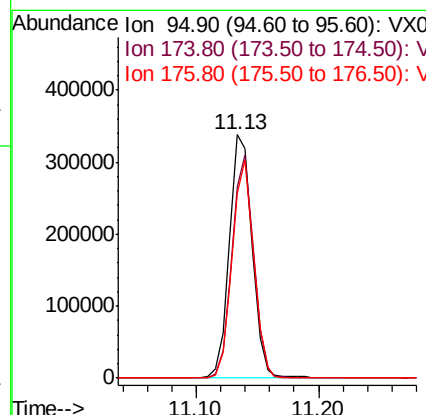
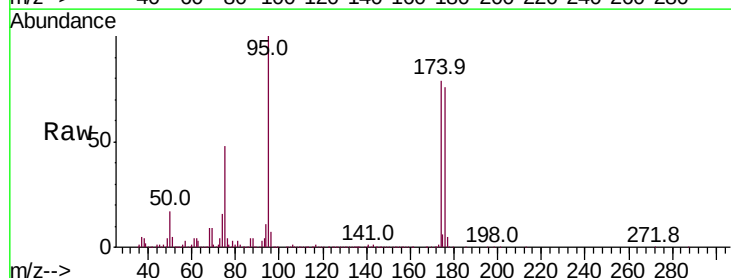
Instrument :
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ClientSampleId :
EXCAVATION-WATER

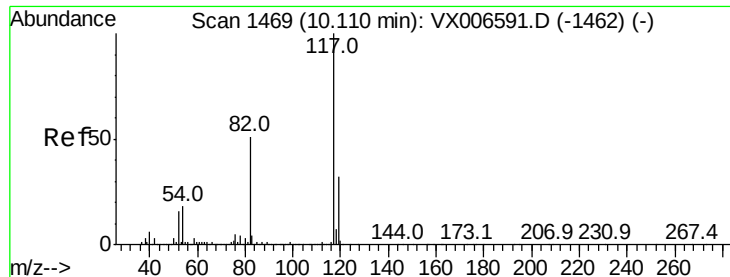
Tot Ion: 98 Resp: 1193173
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#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

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

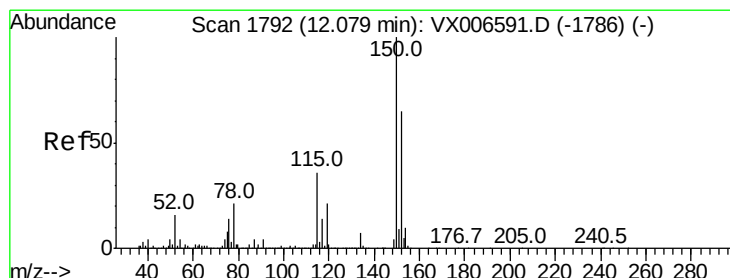
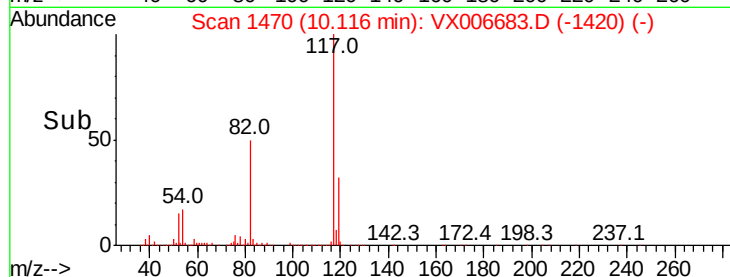
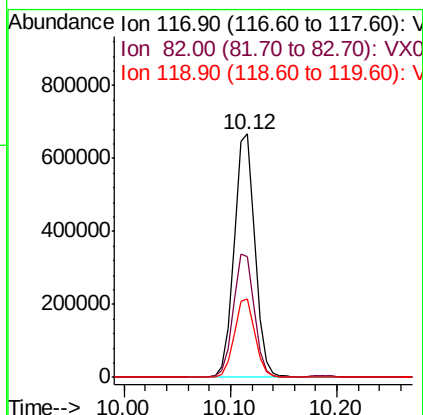
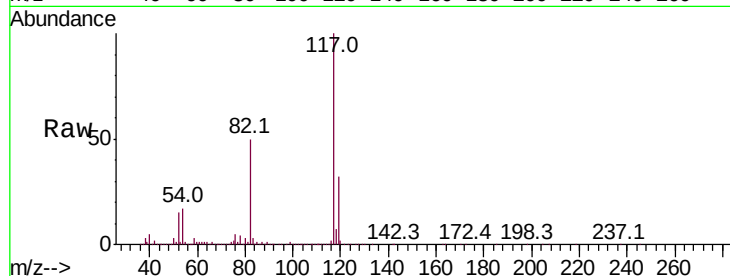




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006683.D
Acq: 20 Dec 2018 18:27

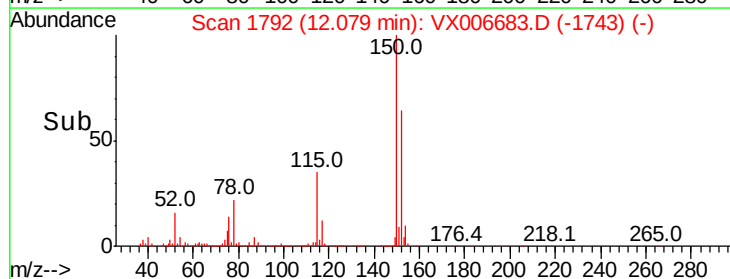
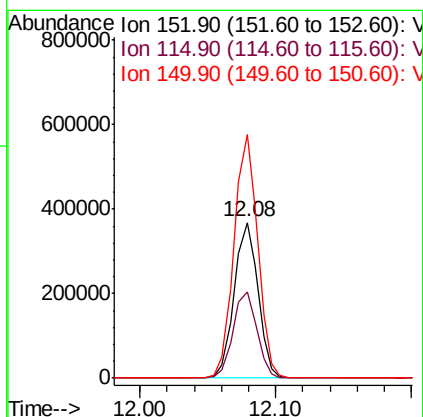
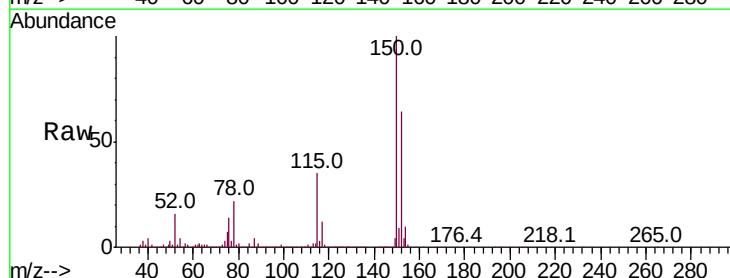
Instrument :
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ClientSampleId :
EXCAVATION-WATER

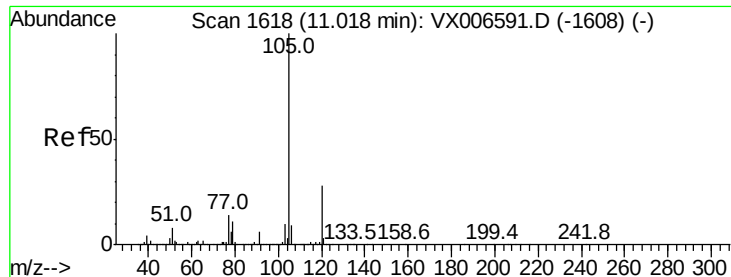
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	41.0	61.6
119	32.5	25.4	38.0



#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

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.1	117.2
150	156.1	0.0	344.8





#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

Instrument :

MSVOA_X

ClientSampleId :

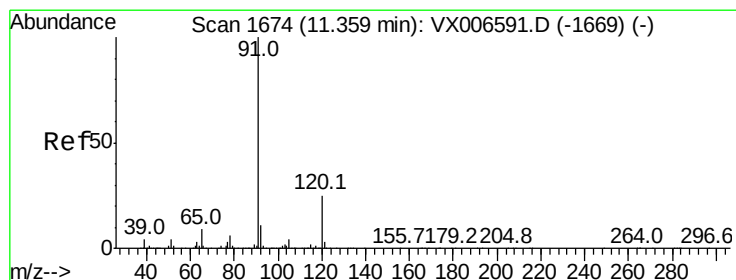
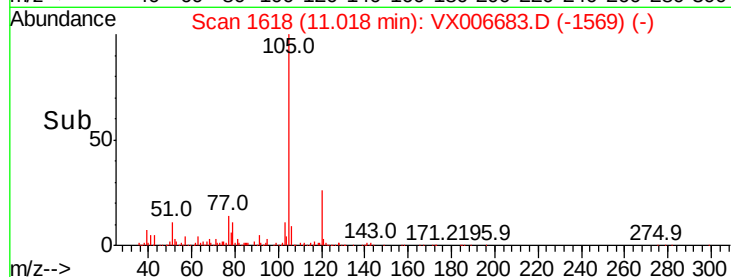
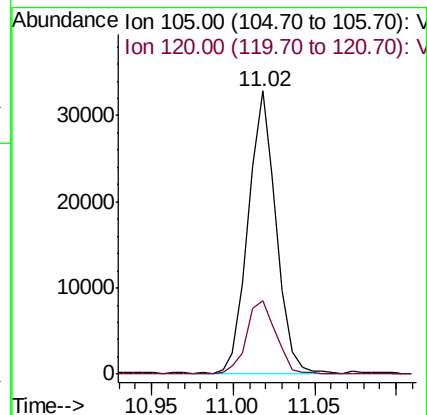
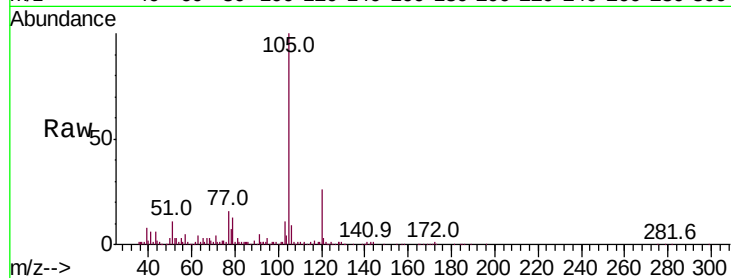
EXCAVATION-WATER

Tot Ion:105 Resp: 38839

Ion Ratio Lower Upper

105 100

120 28.1 14.1 42.4



#78

n-propylbenzene

Concen: 1.187 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006683.D

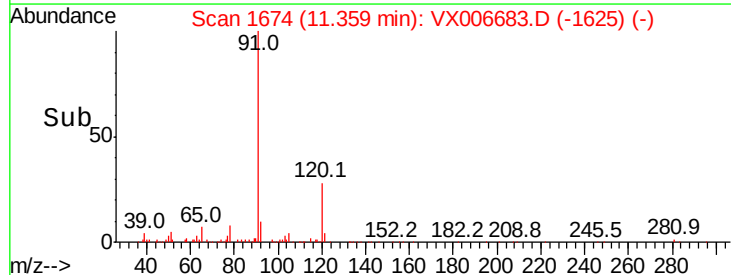
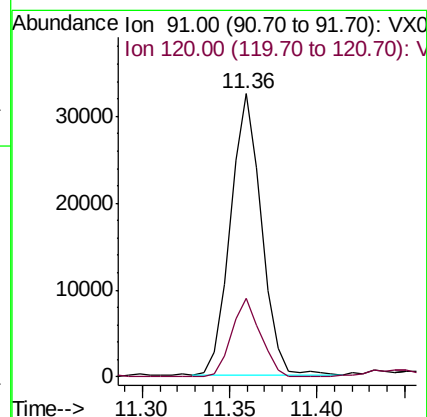
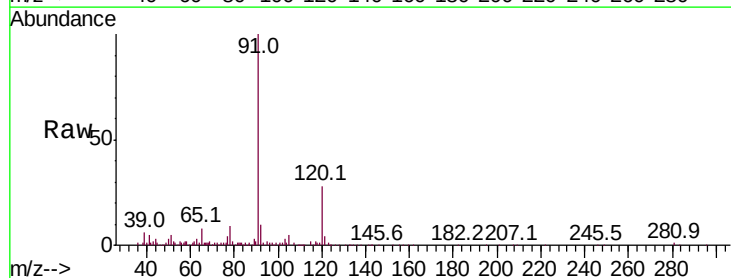
Acq: 20 Dec 2018 18:27

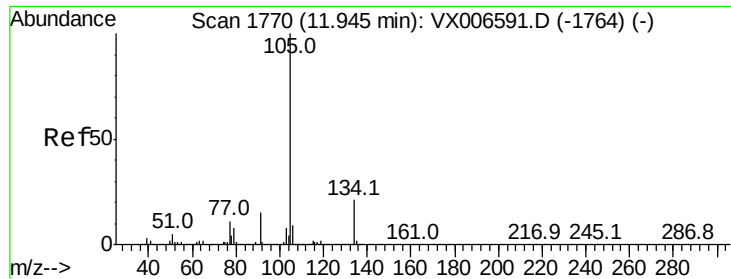
Tgt Ion: 91 Resp: 40011

Ion Ratio Lower Upper

91 100

120 26.0 12.7 38.0





#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

