

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002494.D
 Acq On : 13 Jun 2018 04:24
 Operator : JC/MD
 Sample : J2979-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STONE-DUST-CANVAS-BAGS

Quant Time: Jun 13 07:28:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

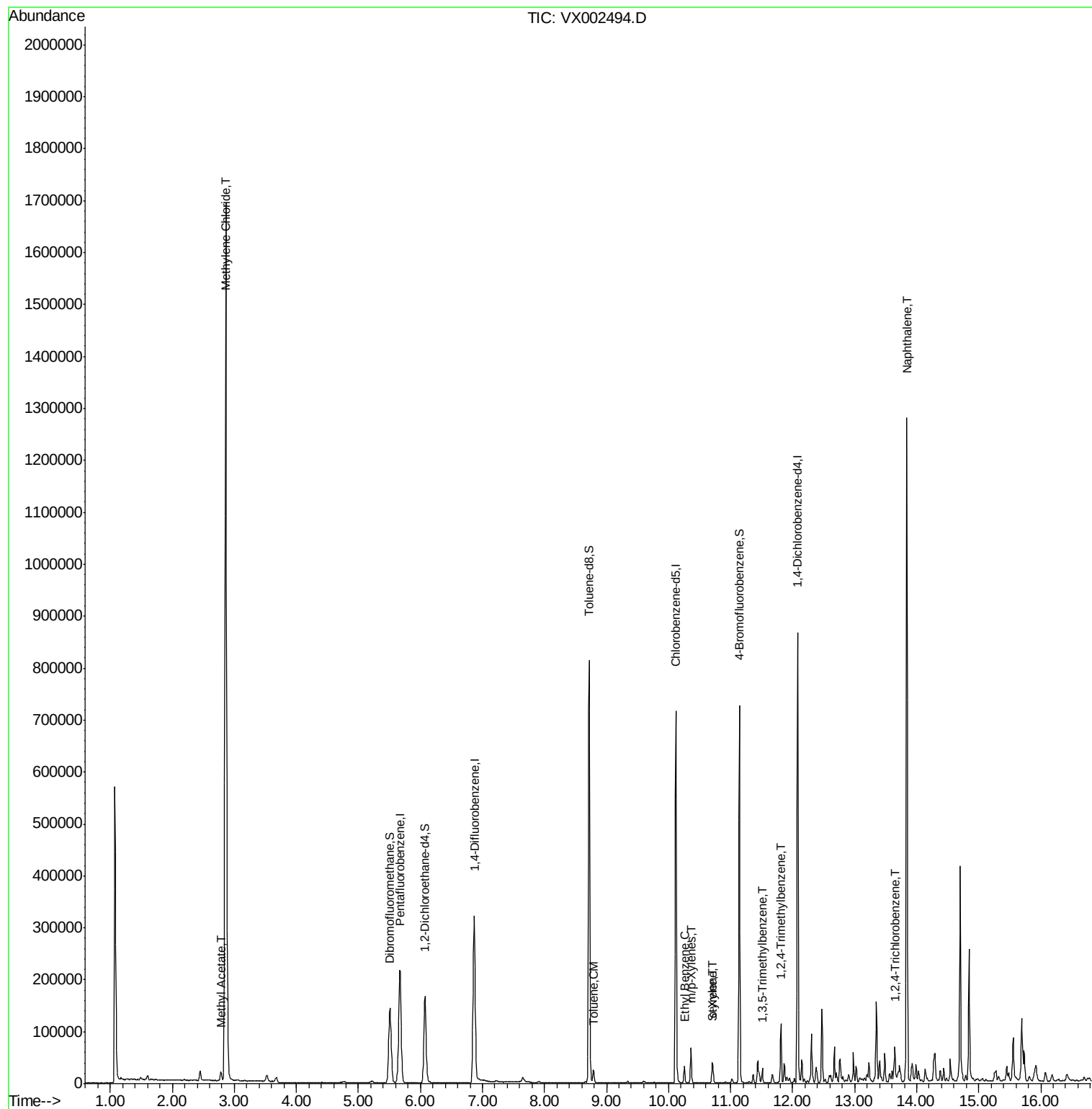
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317141	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155842	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
35) Dibromofluoromethane	5.51	113	116414	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
50) Toluene-d8	8.72	98	465457	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.14	95	165237	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	2.78	43	20988	4.352	ug/l	99
20) Methylene Chloride	2.86	84	751933	324.546	ug/l	100
52) Toluene	8.79	92	7457	1.147	ug/l	95
67) Ethyl Benzene	10.26	91	17199	1.367	ug/l	99
68) m/p-Xylenes	10.36	106	14395	2.944	ug/l	95
69) o-Xylene	10.70	106	6700	1.377	ug/l	95
70) Styrene	10.72	104	8061	1.013	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	11429	1.072	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	45339	4.130	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	9248	2.042	ug/l #	93
95) Naphthalene	13.84	128	768897	59.095	ug/l	100

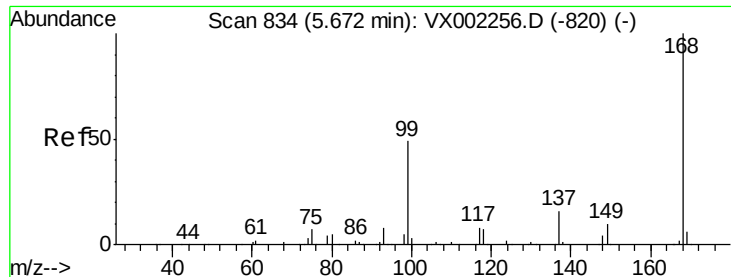
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061218\
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

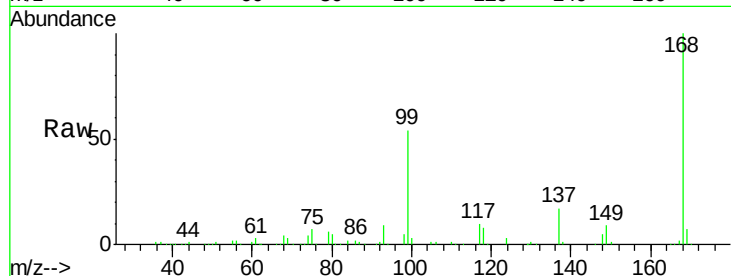
STONE-DUST-CANVAS-BAGS

Tot Ion:168 Resp: 214957

Ion Ratio Lower Upper

168 100

99 53.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

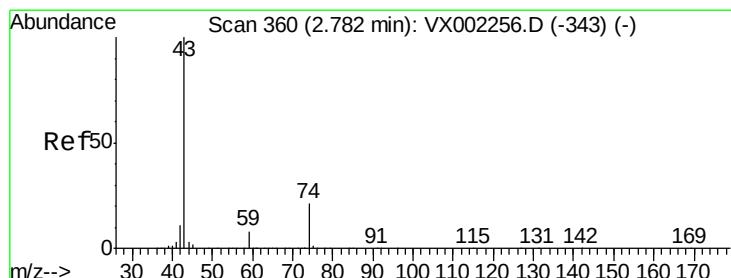
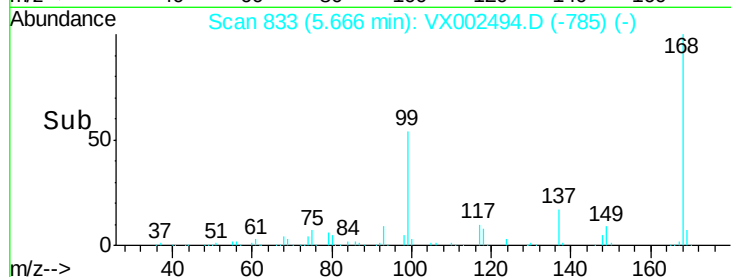
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 4.352 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002494.D

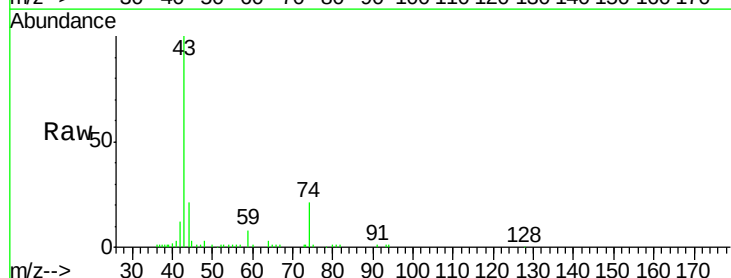
Acq: 13 Jun 2018 04:24

Tgt Ion: 43 Resp: 20988

Ion Ratio Lower Upper

43 100

74 21.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

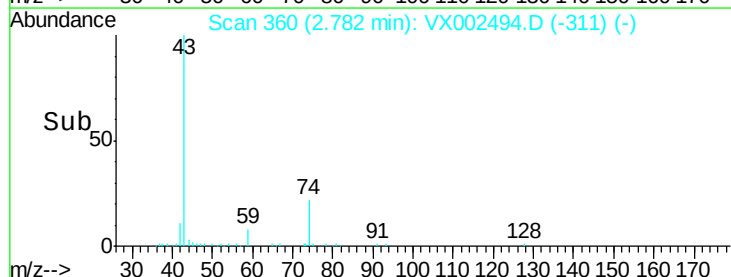
2.78

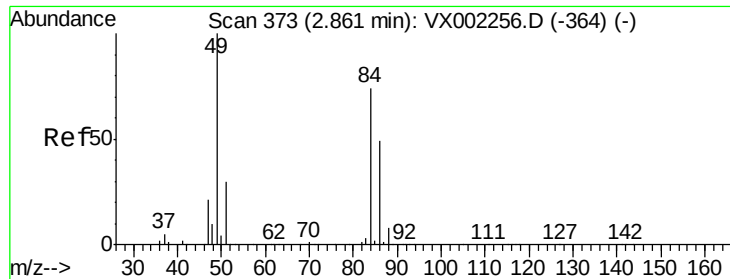
10000

5000

0

Time--> 2.70 2.75 2.80 2.85

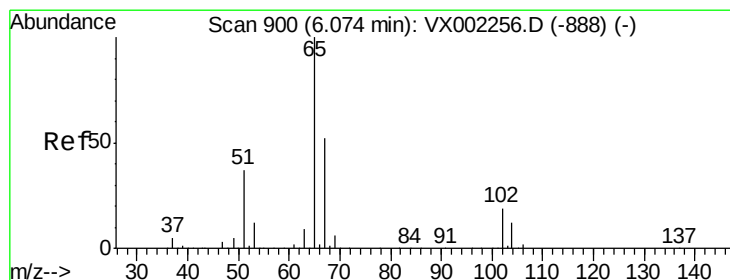
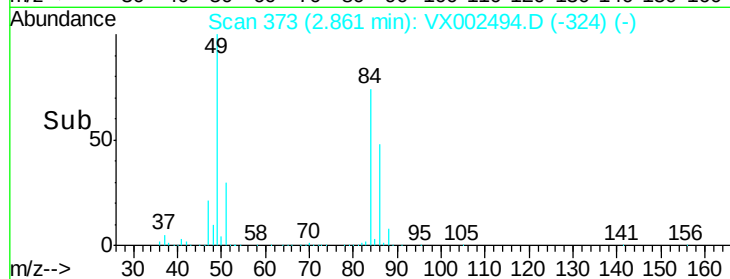
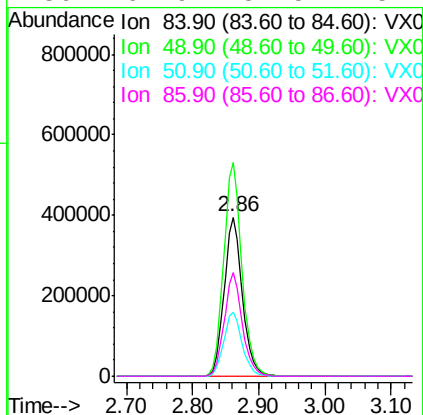
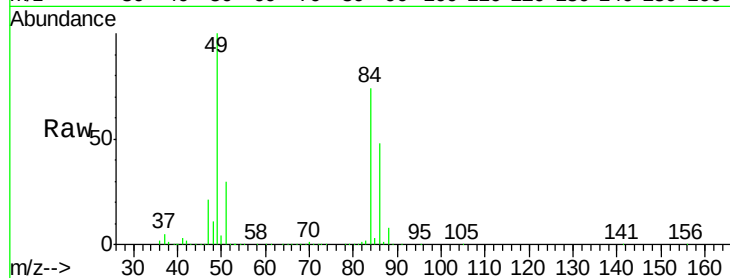




#20
Methylene Chloride
Concen: 324.546 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

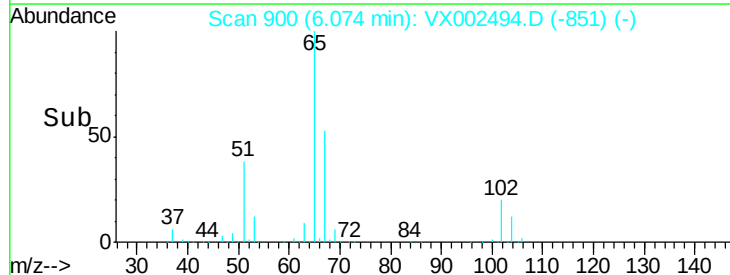
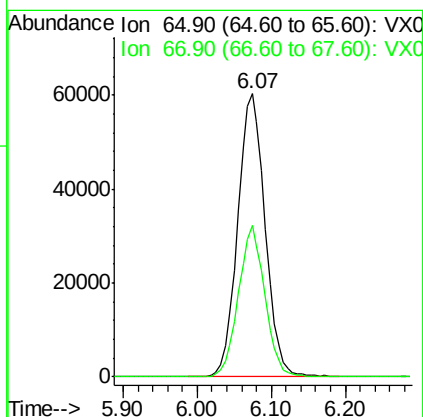
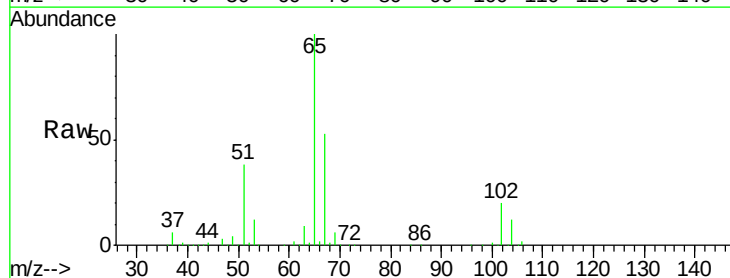
Instrument :
MSVOA_X
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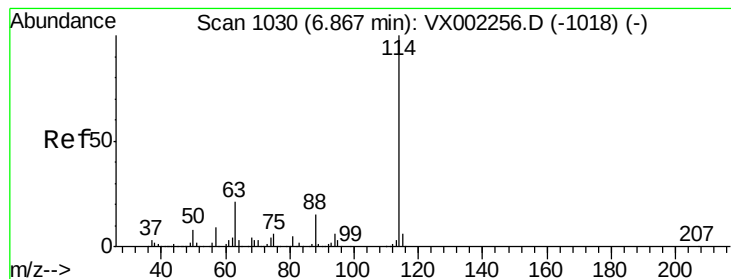
Tot Ion:	84	Resp:	751933
Ion	Ratio	Lower	Upper
84	100		
49	134.4	107.8	161.6
51	40.6	32.8	49.2
86	64.9	52.5	78.7



#33
1,2-Dichloroethane-d4
Concen: 50.751 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion:	65	Resp:	155842
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

STONE-DUST-CANVAS-BAGS

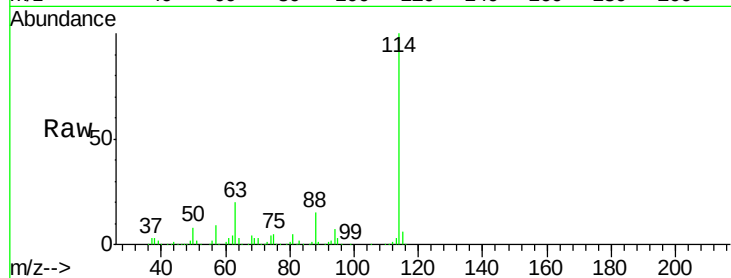
Tot Ion:114 Resp: 317141

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

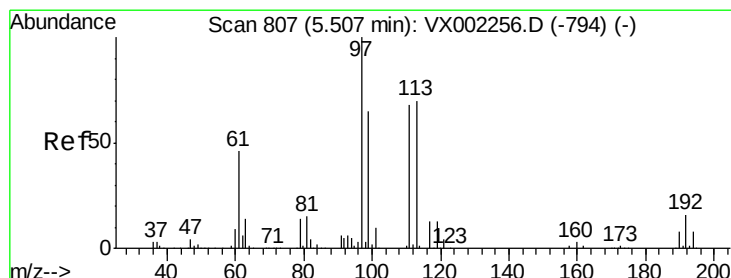
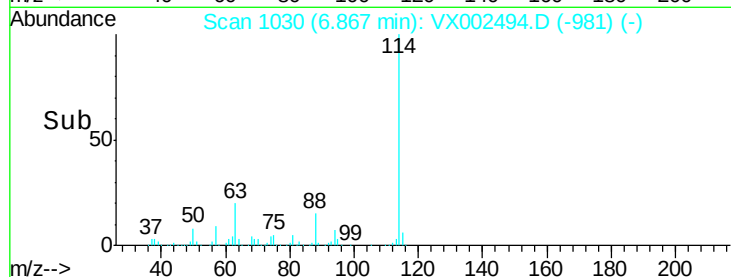
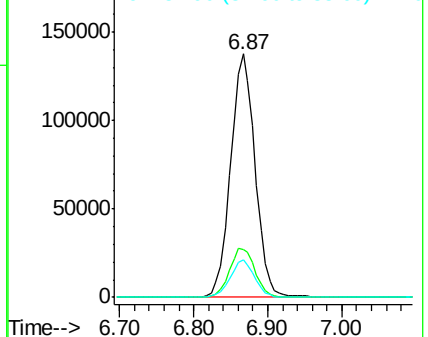
88 15.2 0.0 30.0



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: 46.677 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

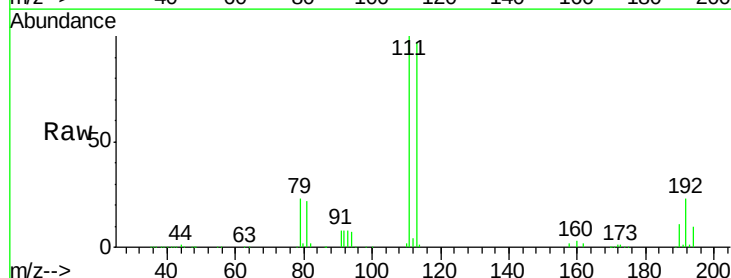
Tgt Ion:113 Resp: 116414

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

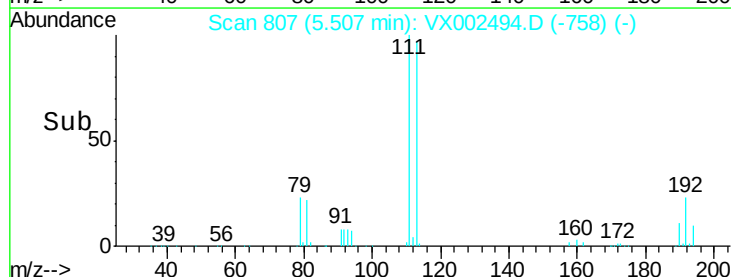
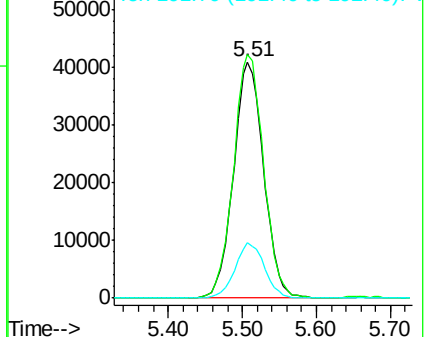
192 22.9 19.1 28.7

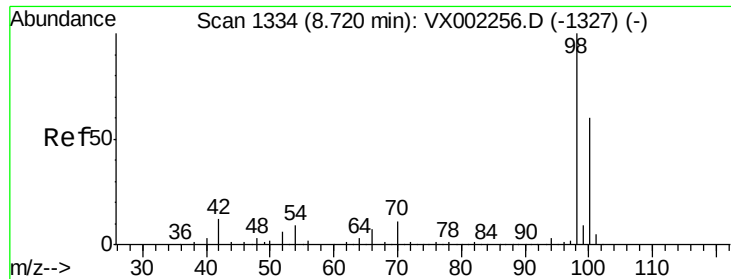


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

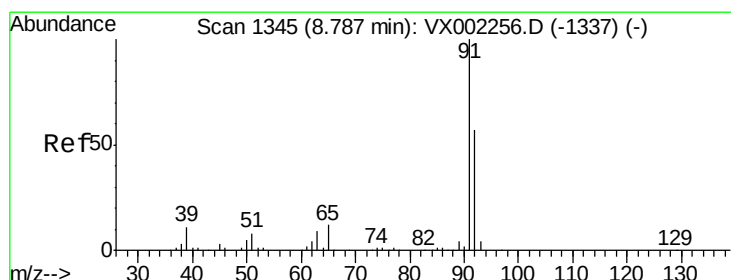
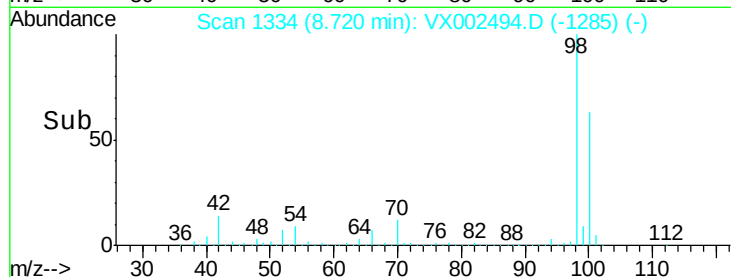
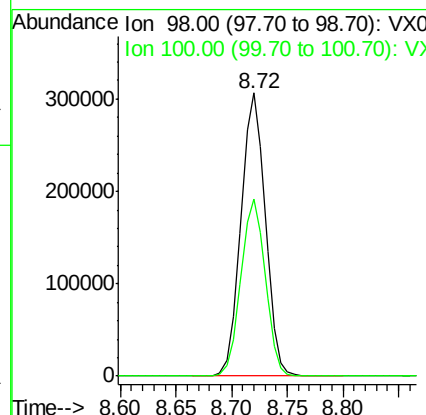
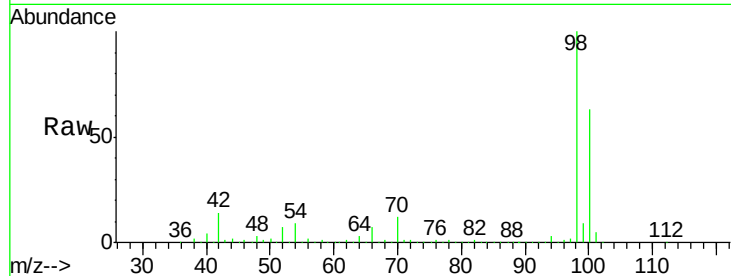




#50
Toluene-d8
Concen: 48.691 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

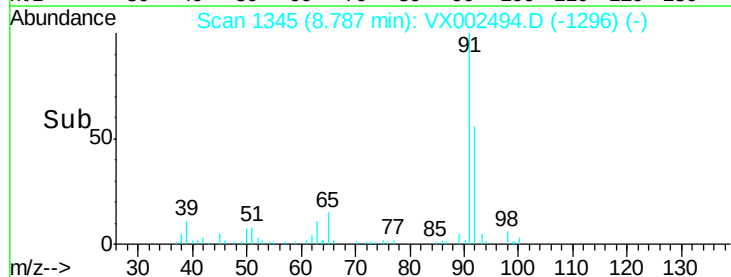
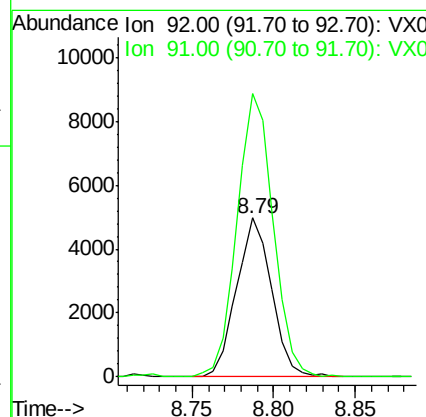
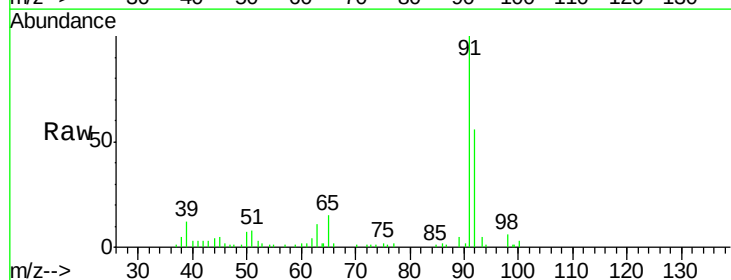
Instrument :
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ClientSampleId :
STONE-DUST-CANVAS-BAGS

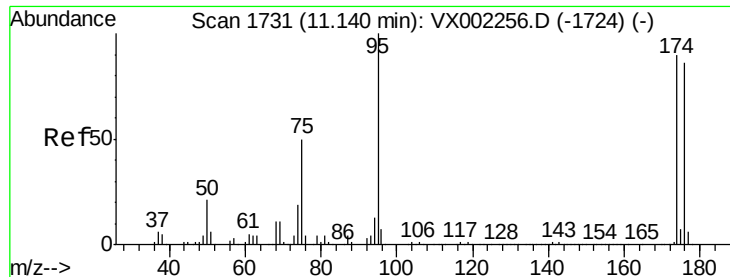
Tot Ion: 98 Resp: 465457
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#52
Toluene
Concen: 1.147 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion: 92 Resp: 7457
Ion Ratio Lower Upper
92 100
91 183.1 140.4 210.6

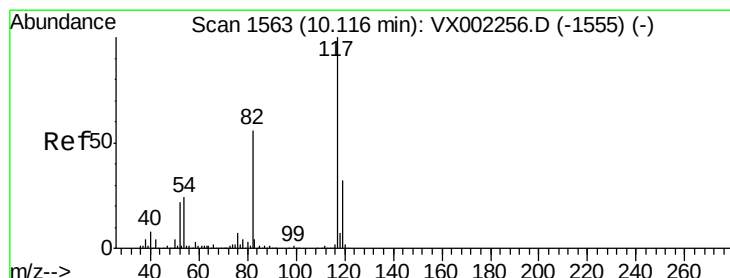
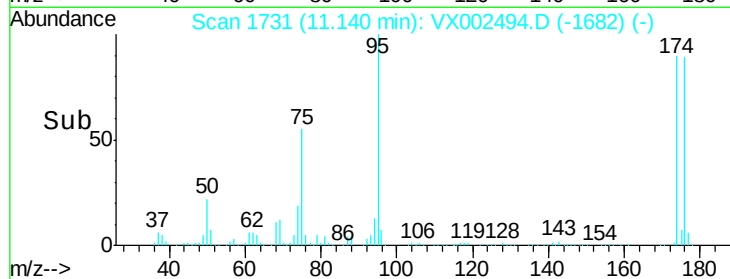
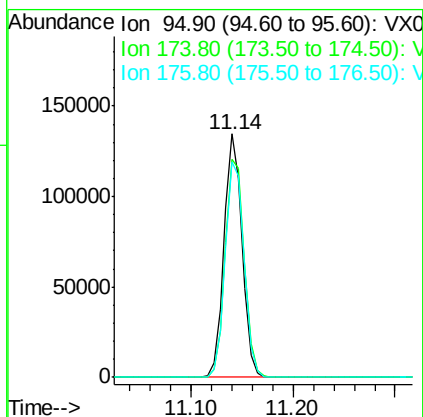
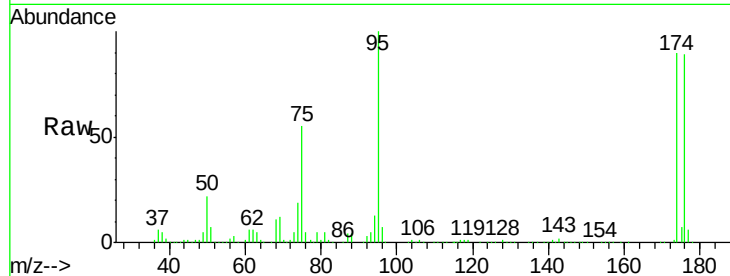




#62
4-Bromofluorobenzene
Concen: 44.825 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

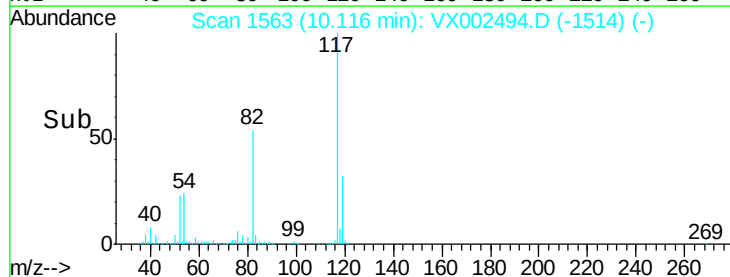
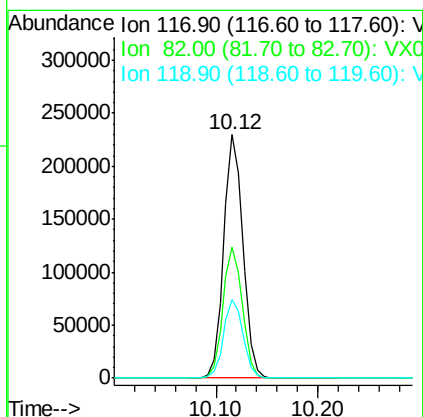
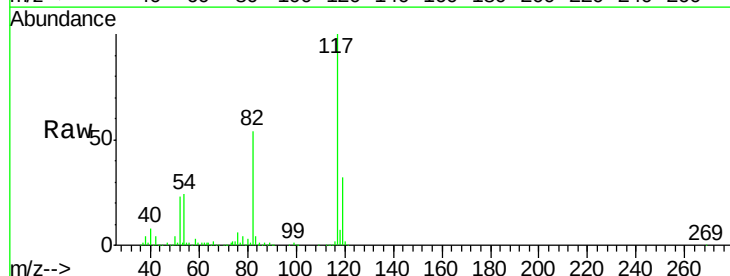
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MSVOA_X
ClientSampleId :
STONE-DUST-CANVAS-BAGS

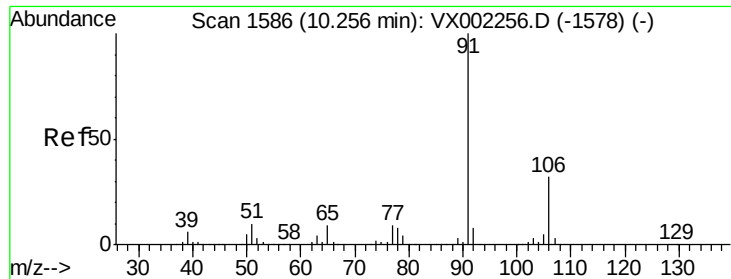
Tot Ion: 95 Resp: 165237
Ion Ratio Lower Upper
95 100
174 94.6 0.0 187.4
176 91.9 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion: 117 Resp: 302072
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.1 25.8 38.6

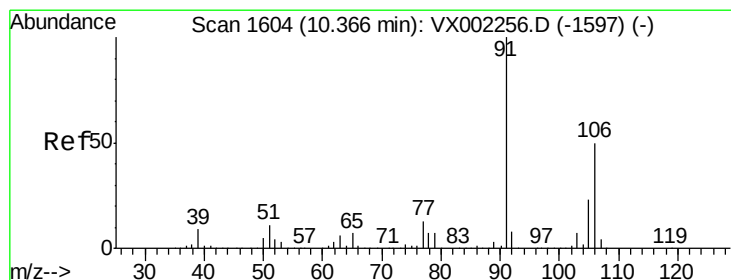
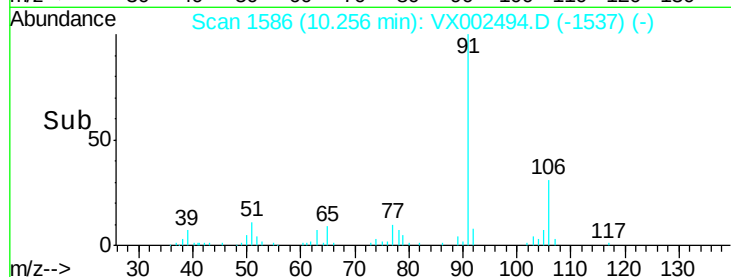
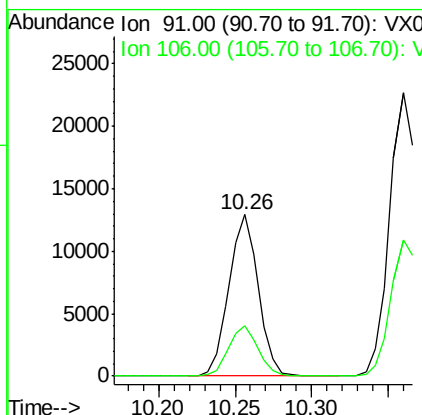
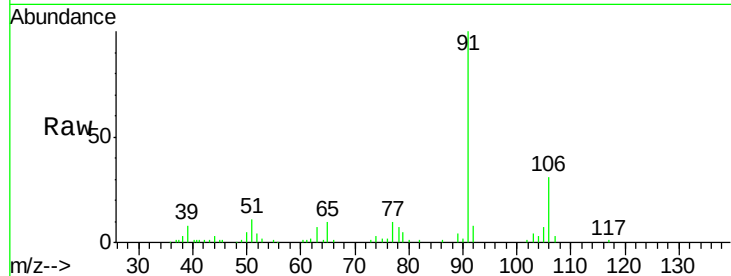




#67
Ethyl Benzene
Concen: 1.367 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

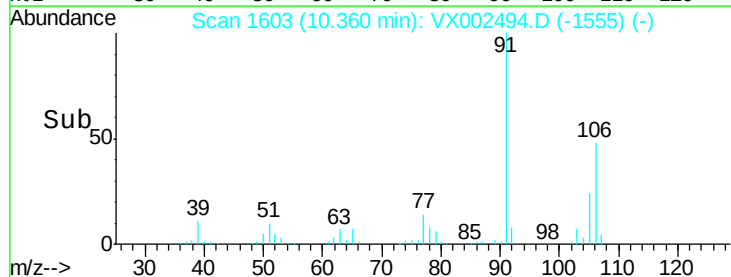
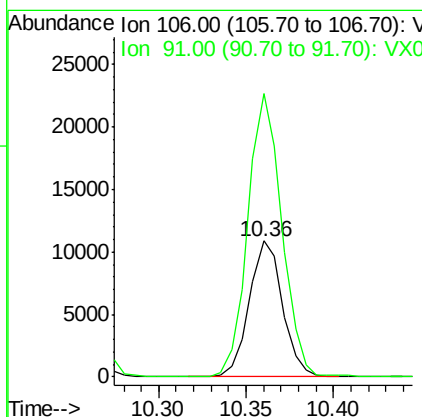
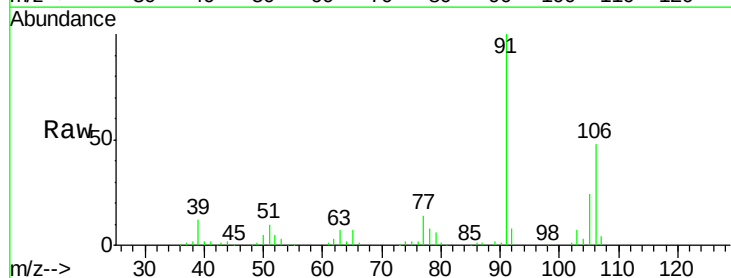
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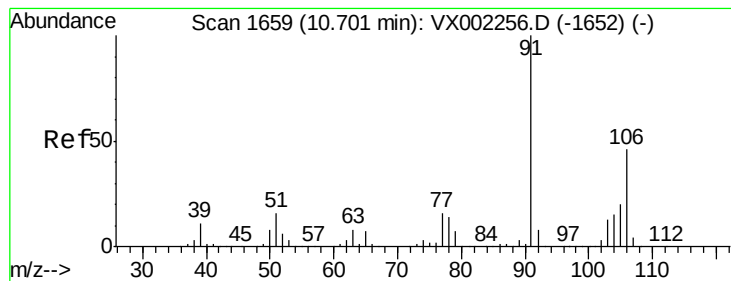
Tot Ion: 91 Resp: 17199
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 2.944 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion: 106 Resp: 14395
Ion Ratio Lower Upper
106 100
91 212.6 163.4 245.2





#69

o-Xylene

Concen: 1.377 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument:

MSVOA_X

ClientSampleId:

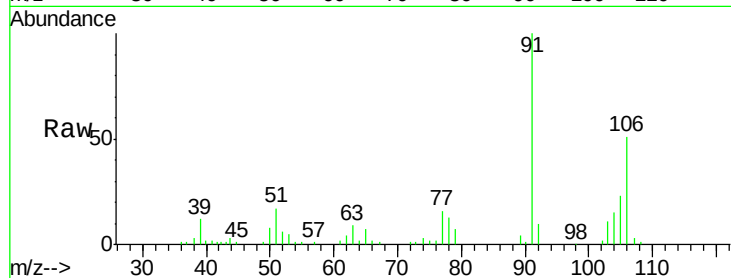
STONE-DUST-CANVAS-BAGS

Tot Ion:106 Resp: 6700

Ion Ratio Lower Upper

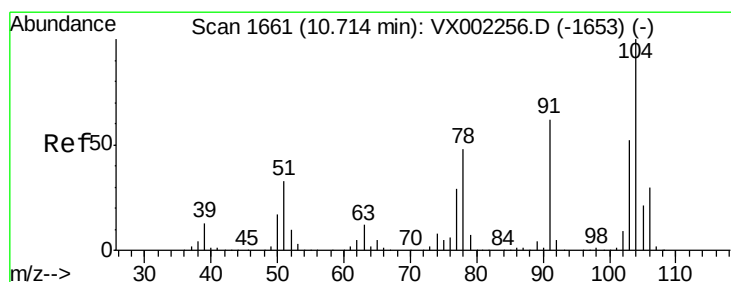
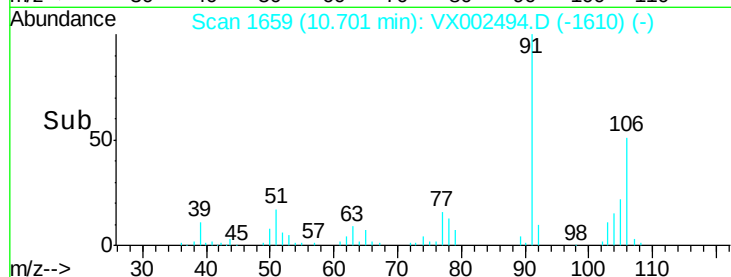
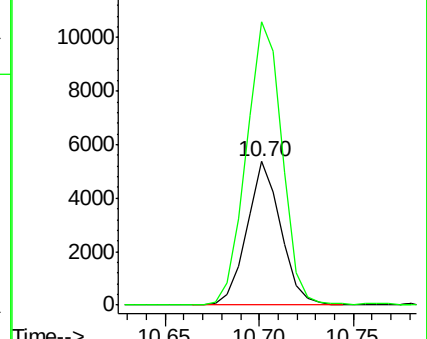
106 100

91 208.3 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 1.013 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

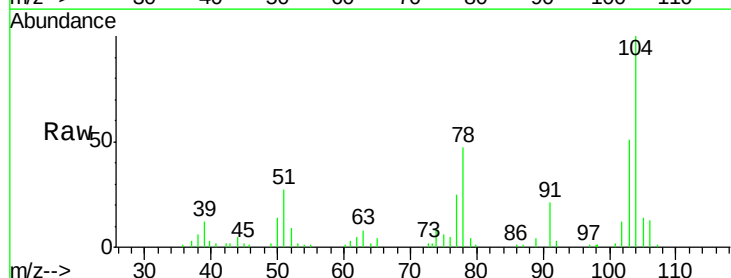
Tgt Ion:104 Resp: 8061

Ion Ratio Lower Upper

104 100

78 58.6 41.0 61.6

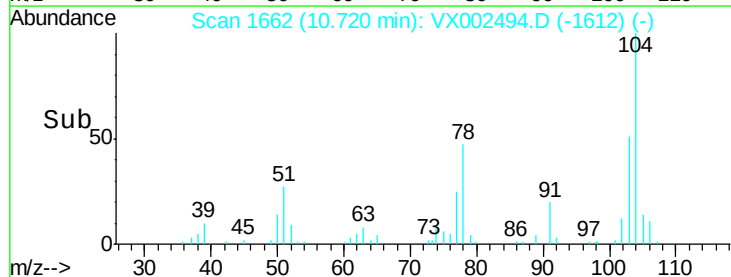
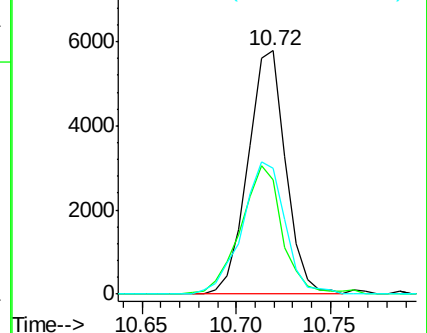
103 61.4 44.2 66.4

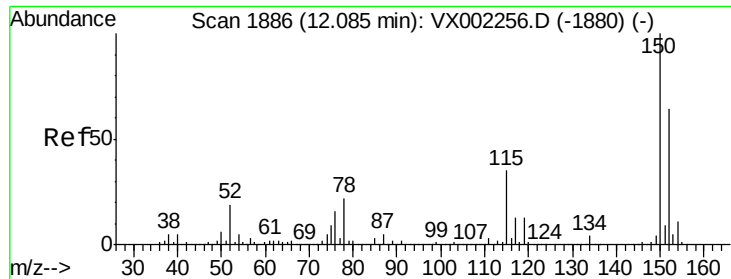


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

STONE-DUST-CANVAS-BAGS

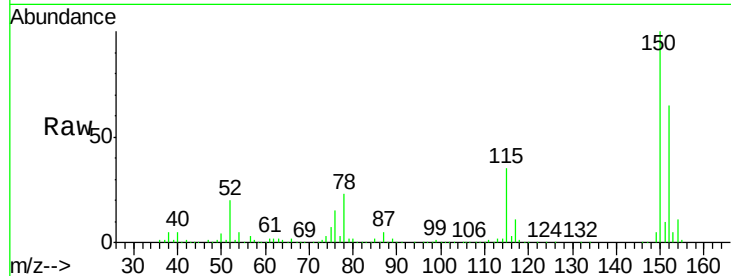
Tot Ion:152 Resp: 178754

Ion Ratio Lower Upper

152 100

115 54.9 40.1 120.2

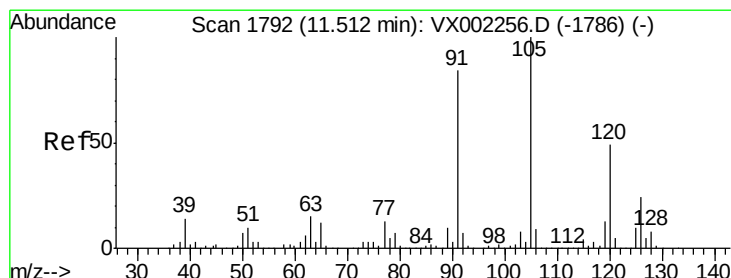
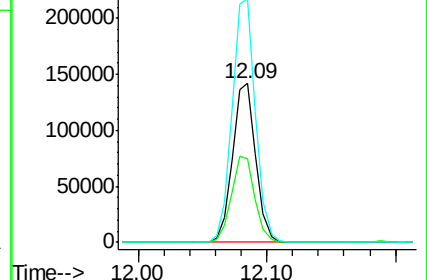
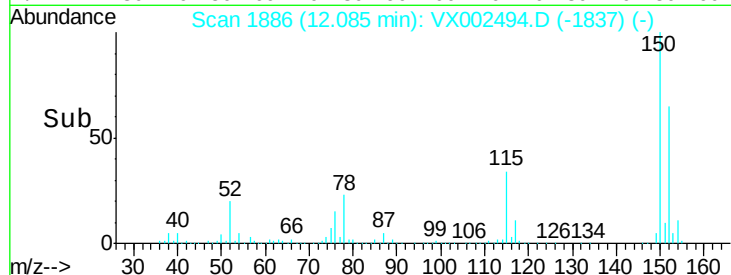
150 154.9 0.0 347.2



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



#80

1,3,5-Trimethylbenzene

Concen: 1.072 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002494.D

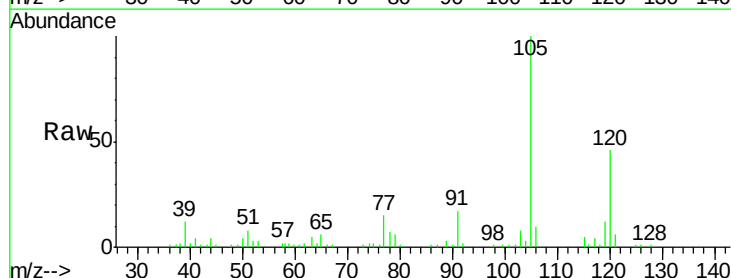
Acq: 13 Jun 2018 04:24

Tgt Ion:105 Resp: 11429

Ion Ratio Lower Upper

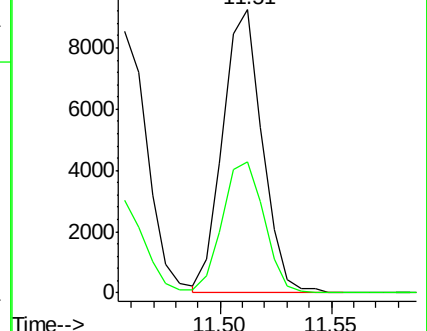
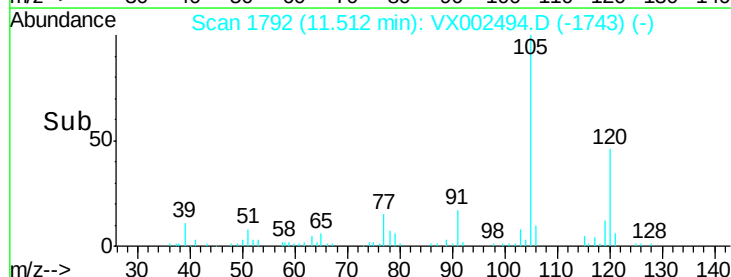
105 100

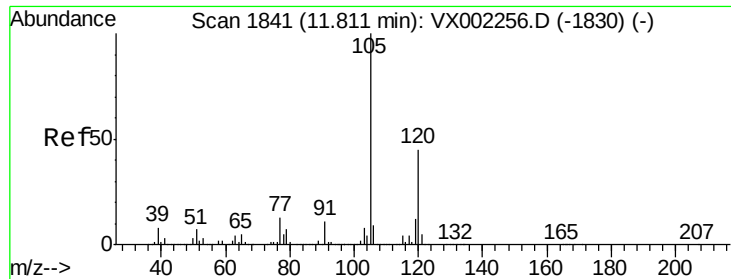
120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

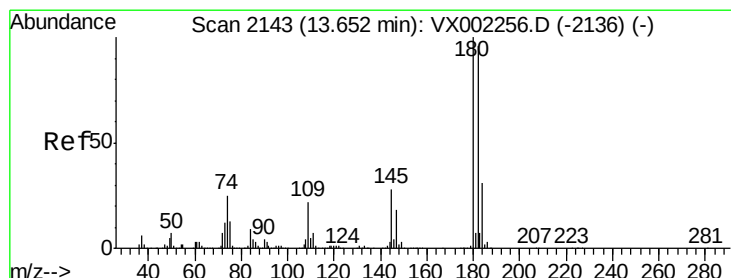
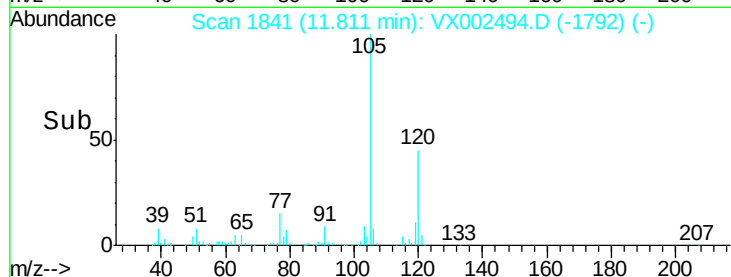
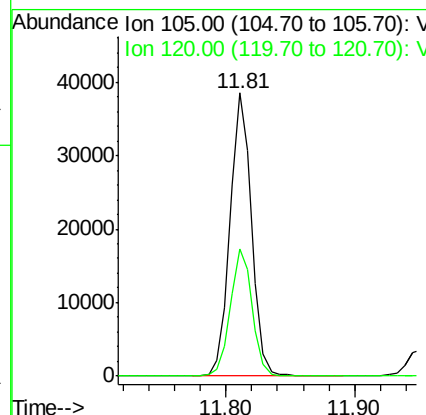
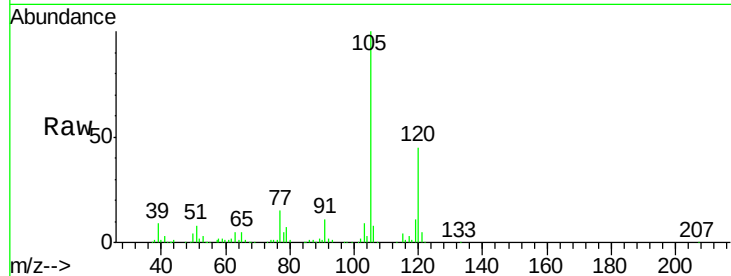




#84
 1,2,4-Trimethylbenzene
 Concen: 4.130 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002494.D
 Acq: 13 Jun 2018 04:24

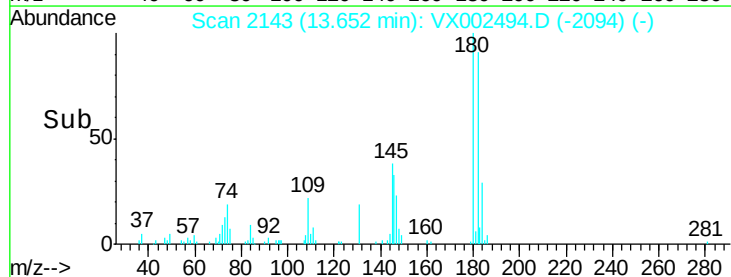
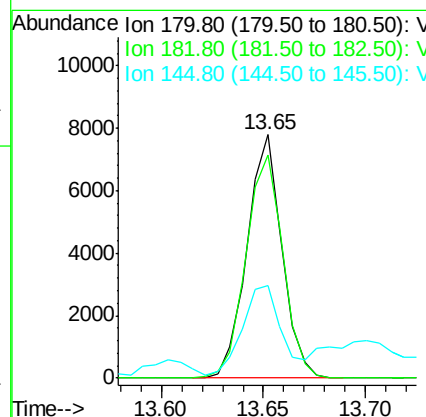
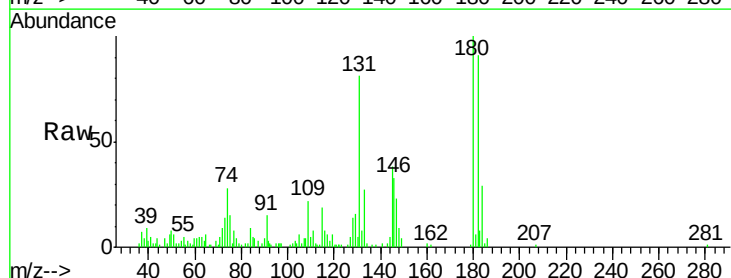
Instrument :
 MSVOA_X
 ClientSampleId :
 STONE-DUST-CANVAS-BAGS

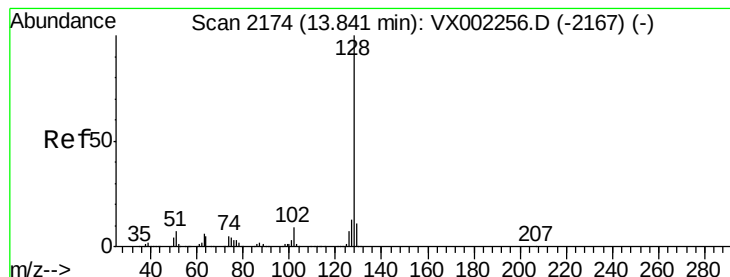
Tot Ion:105 Resp: 45339
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.8



#93
 1,2,4-Trichlorobenzene
 Concen: 2.042 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002494.D
 Acq: 13 Jun 2018 04:24

Tgt Ion:180 Resp: 9248
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.7 143.1
 145 42.7 14.1 42.4#





#95

Naphthalene

Concen: 59.095 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

STONE-DUST-CANVAS-BAGS

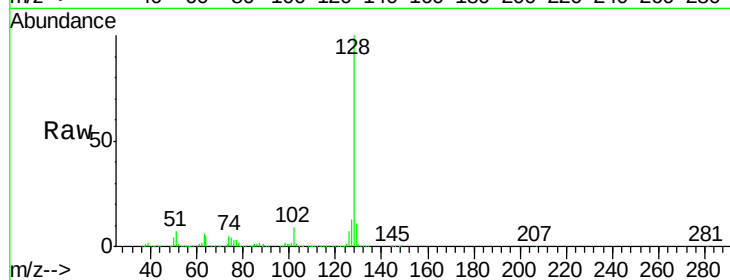
Tot Ion:128 Resp: 768897

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.6 13.0



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

