

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040418\
 Data File : VX000679.D
 Acq On : 05 Apr 2018 01:06
 Operator : JC/MD
 Sample : J2197-03 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-STONES

Quant Time: Apr 05 05:25:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	84607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	151504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	147289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	74616	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	65203	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
35) Dibromofluoromethane	5.51	113	48876	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	8.72	98	190588	43.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.68%	
62) 4-Bromofluorobenzene	11.15	95	66413	38.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.32%	

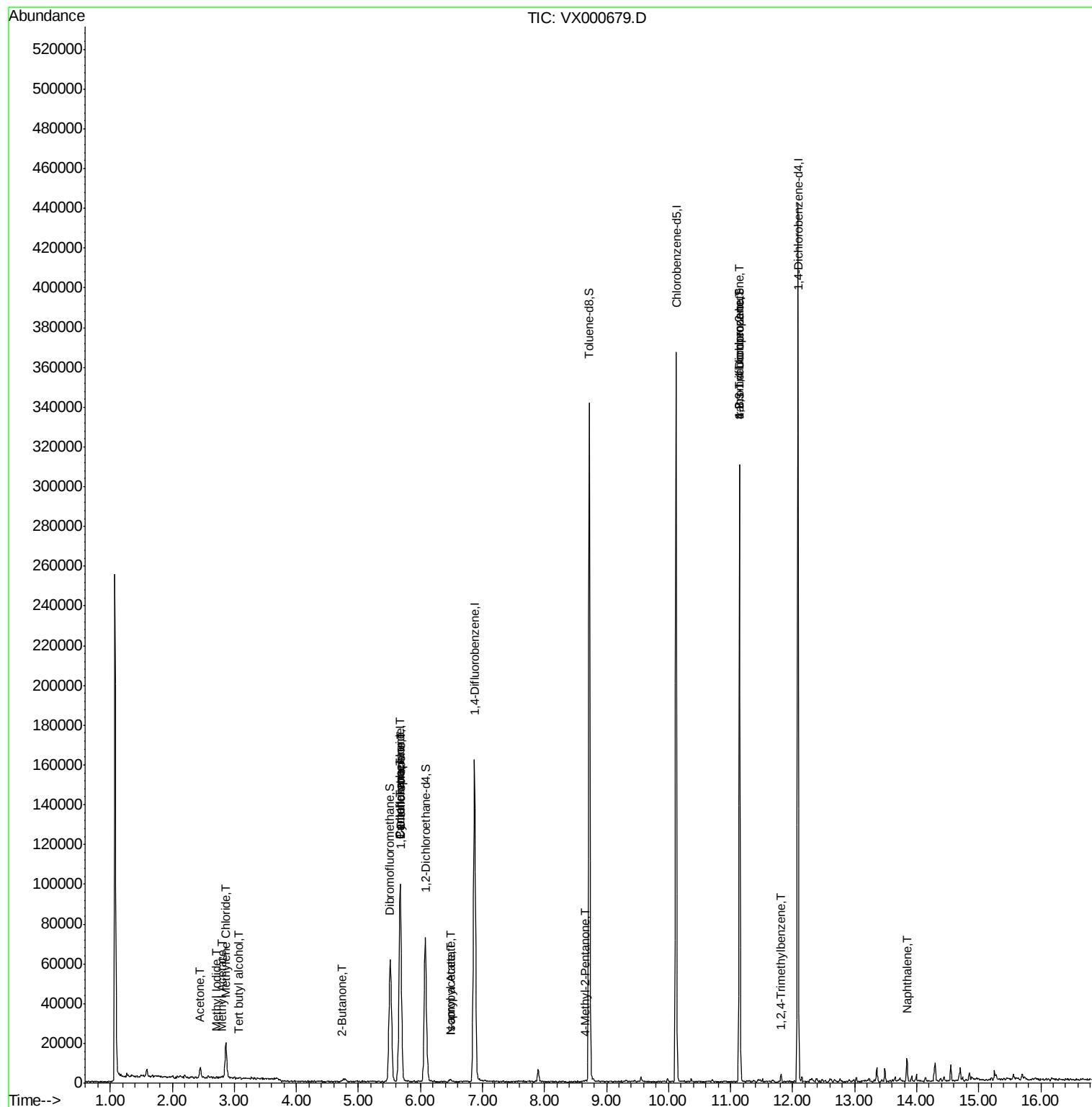
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.71	142	25	9.36	ug/l #	35
11) Tert butyl alcohol	3.07	59	257	0.46	ug/l #	71
16) Acetone	2.45	43	6302	5.33	ug/l	92
18) Methyl Acetate	2.80	43	610	0.23	ug/l #	62
20) Methylene Chloride	2.87	84	7892	5.85	ug/l #	82
25) 2-Butanone	4.73	43	916	0.76	ug/l	95
31) Cyclohexane	5.68	56	2478	1.75	ug/l #	8
36) 1,1-Dichloropropene	5.68	75	8048	5.73	ug/l #	54
38) Carbon Tetrachloride	5.67	117	9413	6.96	ug/l #	16
43) Isopropyl Acetate	6.49	43	1369	0.44	ug/l #	91
51) 4-Methyl-2-Pentanone	8.66	43	715	0.28	ug/l #	69
74) N-amyl acetate	6.49	43	1369	0.57	ug/l #	95
76) 1,2,3-Trichloropropane	11.14	75	40836	25.09	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	40836	89.98	ug/l #	7
84) 1,2,4-Trimethylbenzene	11.81	105	1417	0.35	ug/l	89
95) Naphthalene	13.84	128	6079	1.08	ug/l	99

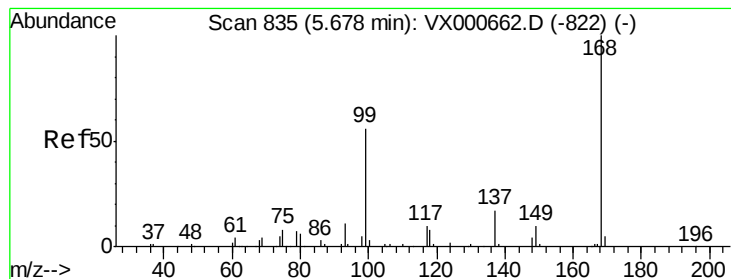
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040418\
Data File : VX000679.D
Acq On : 05 Apr 2018 01:06
Operator : JC/MD
Sample : J2197-03 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DRUM-STONES

Quant Time: Apr 05 05:25:23 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 05 03:34:50 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000679.D

Acq: 05 Apr 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

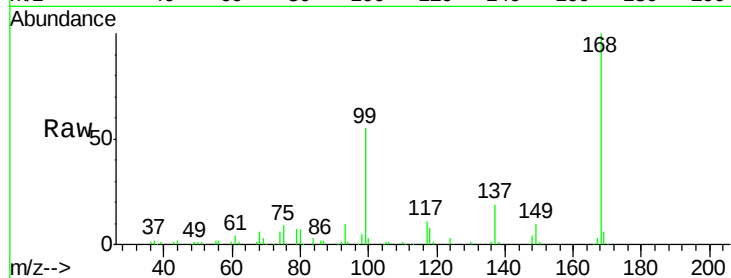
DRUM-STONES

Tgt Ion:168 Resp: 84607

Ion Ratio Lower Upper

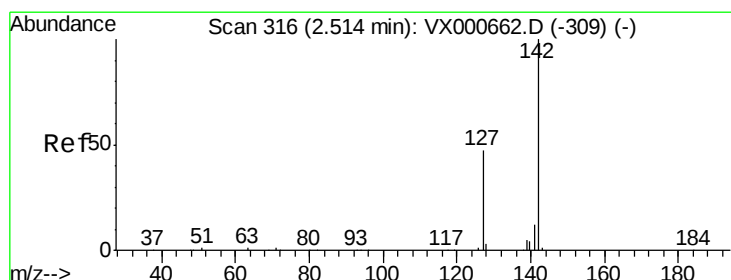
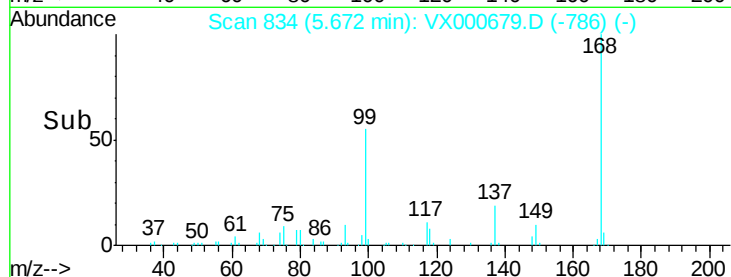
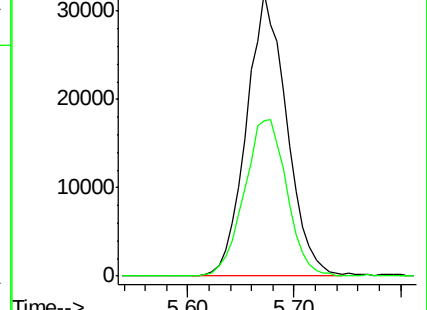
168 100

99 54.7 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 9.36 ug/l

RT: 2.71 min Scan# 349

Delta R.T. 0.20 min

Lab File: VX000679.D

Acq: 05 Apr 2018 01:06

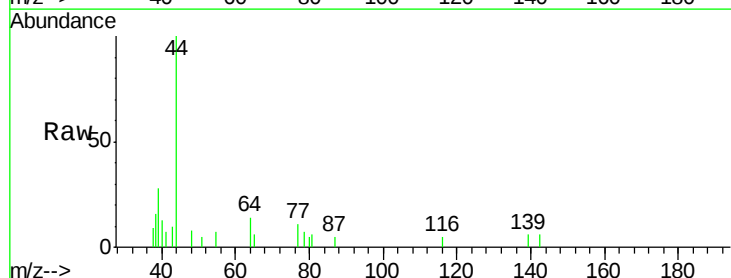
Tgt Ion:142 Resp: 25

Ion Ratio Lower Upper

142 100

127 0.0 40.7 61.1#

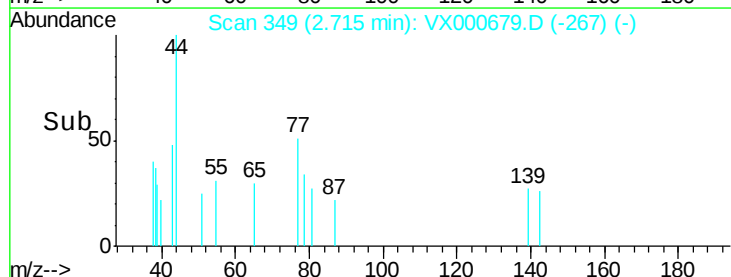
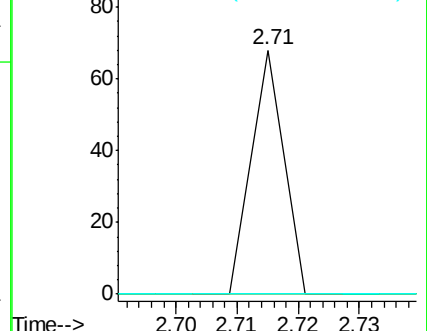
141 0.0 11.1 16.7#

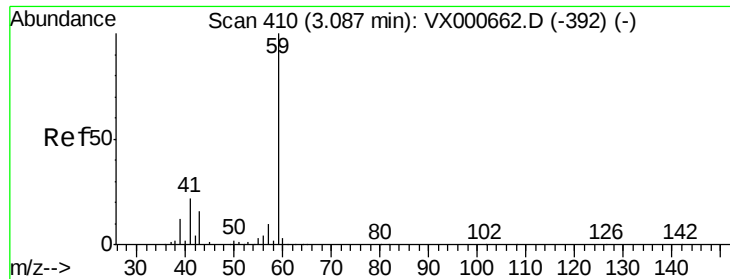


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

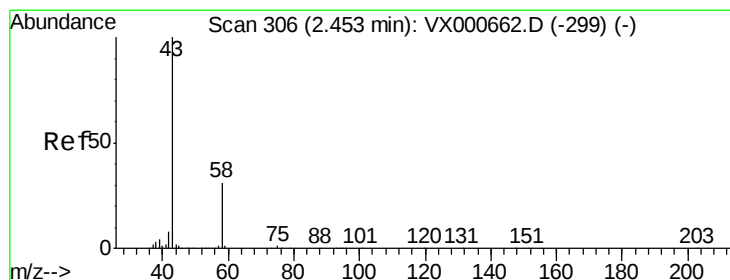
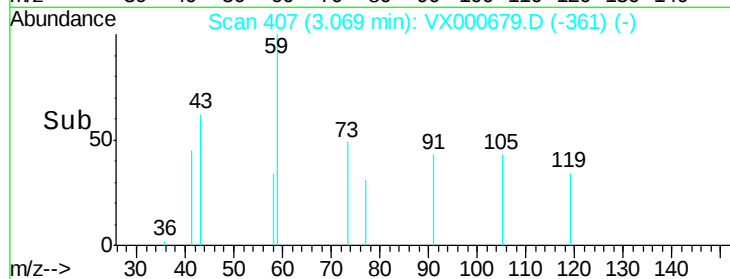
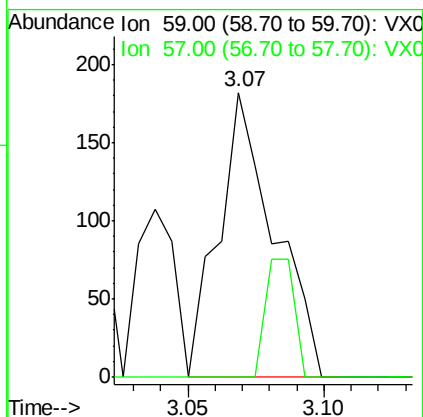
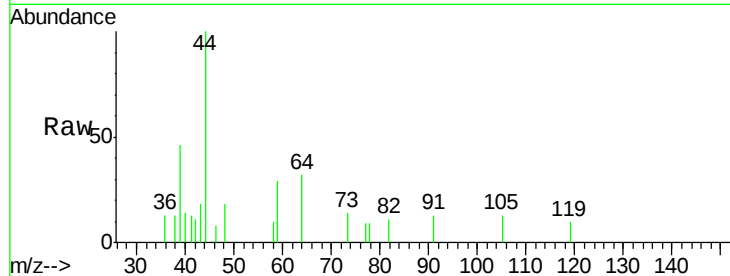




#11
Tert butyl alcohol
Concen: 0.46 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX000679.D
Acq: 05 Apr 2018 01:06

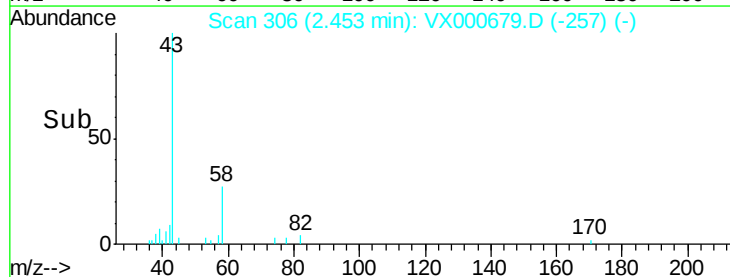
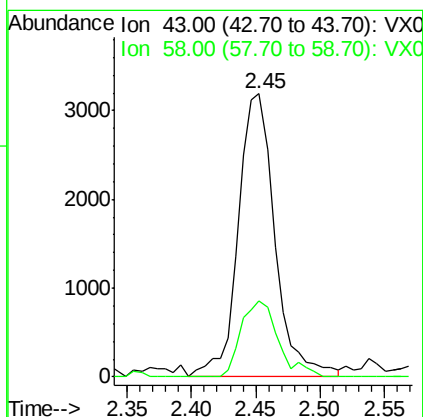
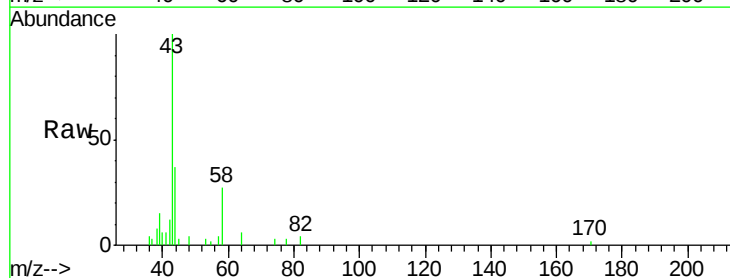
Instrument :
MSVOA_X
ClientSampleId :
DRUM-STONES

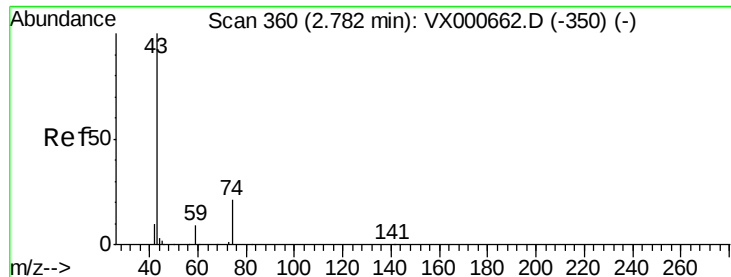
Tgt Ion: 59 Resp: 257
Ion Ratio Lower Upper
59 100
57 21.4 8.5 12.7#



#16
Acetone
Concen: 5.33 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX000679.D
Acq: 05 Apr 2018 01:06

Tgt Ion: 43 Resp: 6302
Ion Ratio Lower Upper
43 100
58 26.6 24.7 37.1

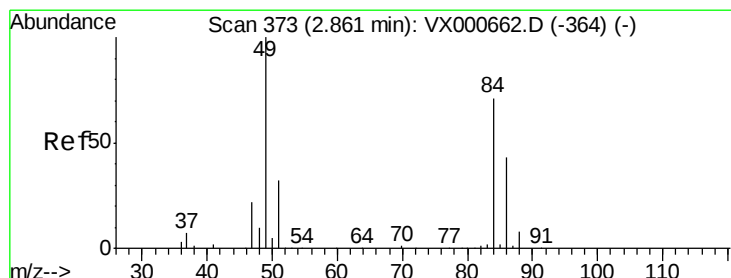
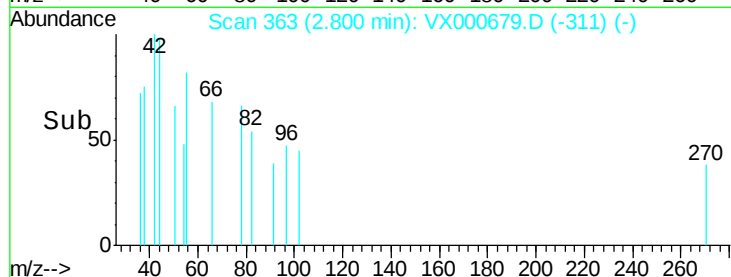
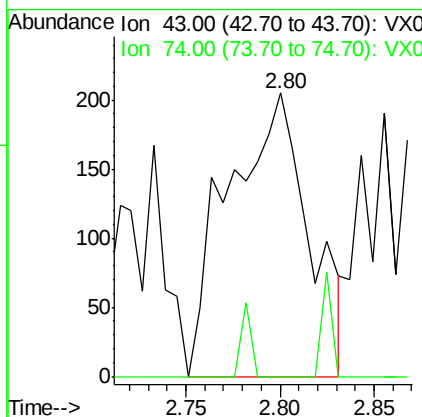
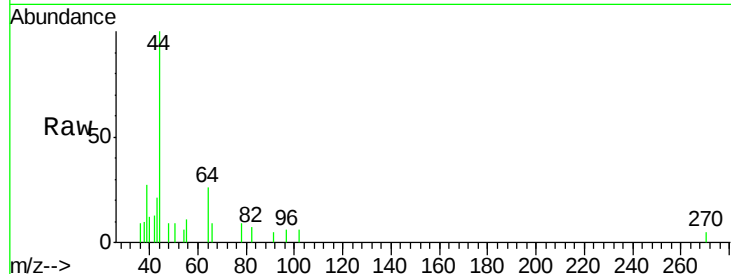




#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.80 min Scan# 363
Delta R.T. 0.02 min
Lab File: VX000679.D
Acq: 05 Apr 2018 01:06

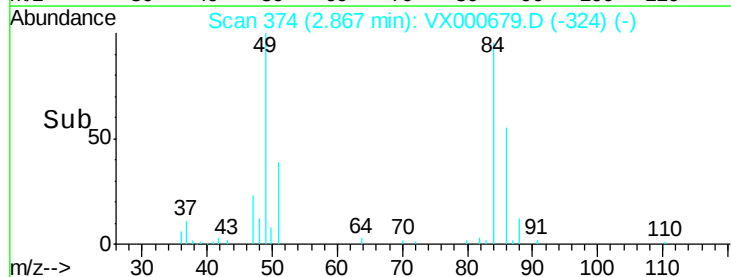
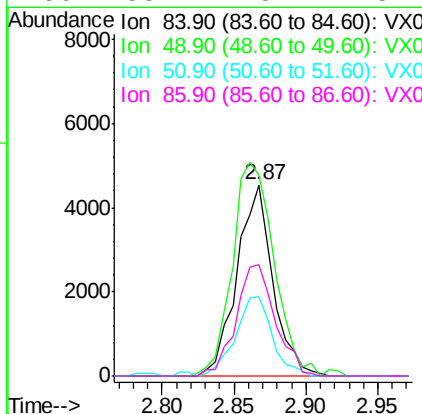
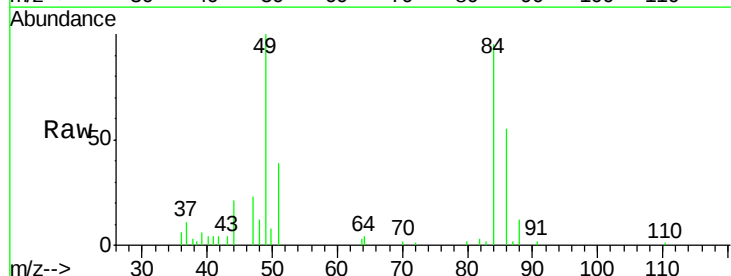
Instrument :
MSVOA_X
ClientSampleId :
DRUM-STONES

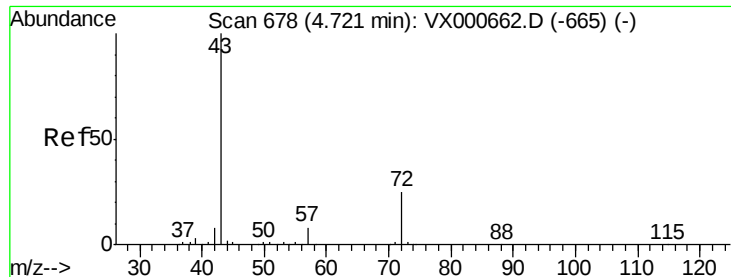
Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
74 3.1 17.0 25.4#



#20
Methylene Chloride
Concen: 5.85 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000679.D
Acq: 05 Apr 2018 01:06

Tgt Ion: 84 Resp: 7892
Ion Ratio Lower Upper
84 100
49 105.4 112.1 168.1#
51 41.5 35.4 53.0
86 58.2 48.7 73.1

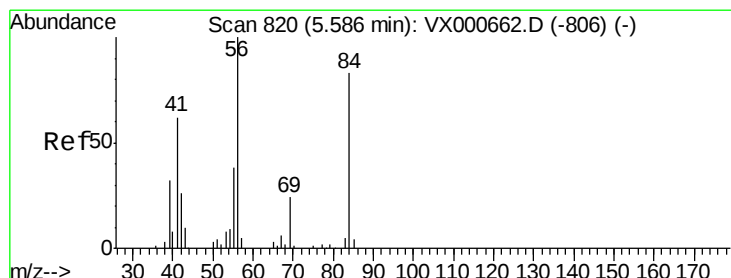
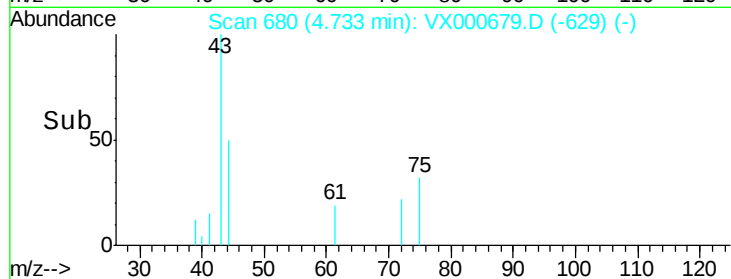
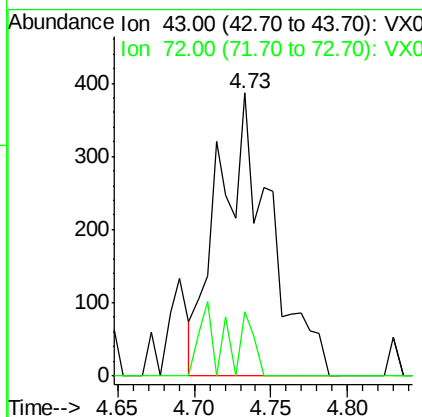
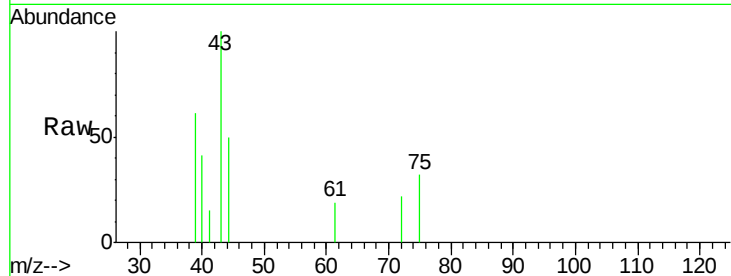




#25
 2-Butanone
 Concen: 0.76 ug/l
 RT: 4.73 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: VX000679.D
 Acq: 05 Apr 2018 01:06

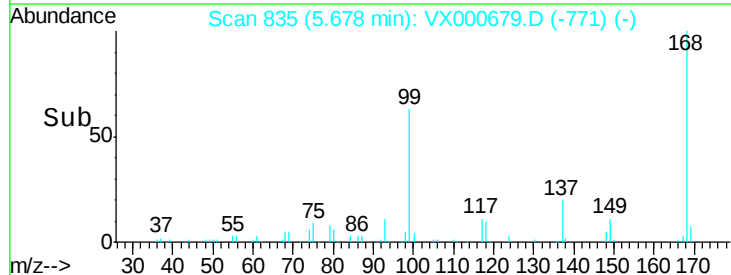
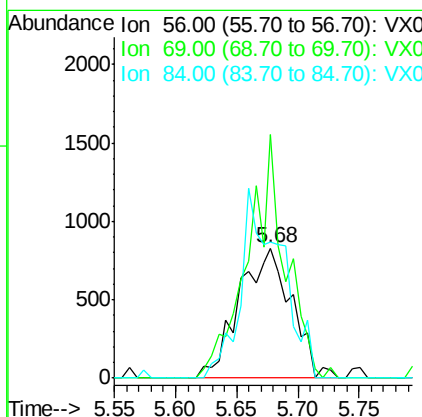
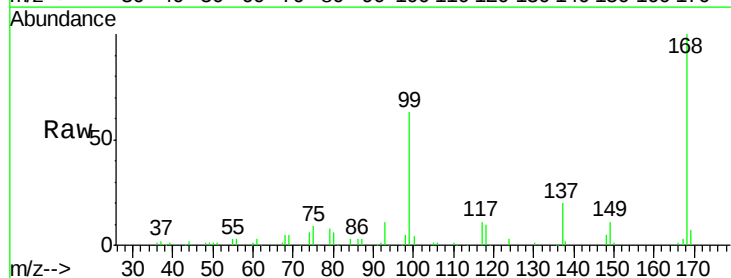
Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-STONES

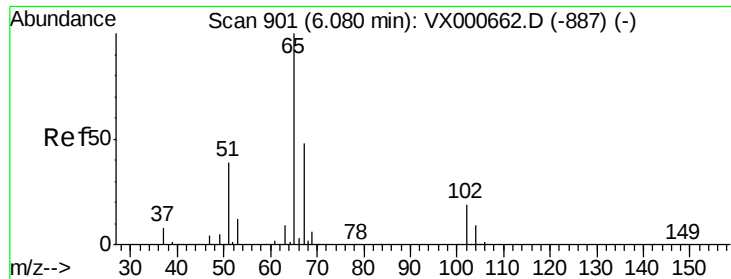
Tgt Ion: 43 Resp: 916
 Ion Ratio Lower Upper
 43 100
 72 22.5 20.0 30.0



#31
 Cyclohexane
 Concen: 1.75 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. 0.09 min
 Lab File: VX000679.D
 Acq: 05 Apr 2018 01:06

Tgt Ion: 56 Resp: 2478
 Ion Ratio Lower Upper
 56 100
 69 187.6 19.4 29.0#
 84 104.8 66.8 100.2#

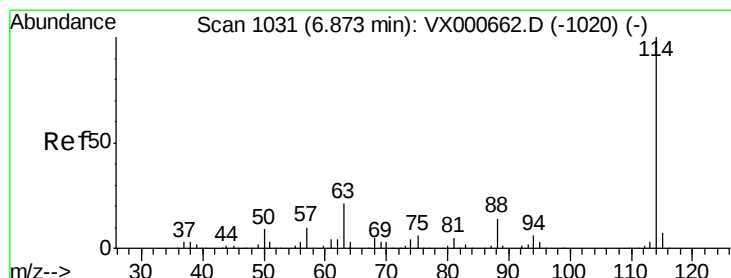
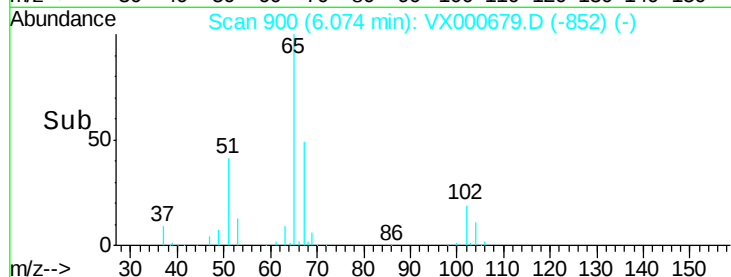
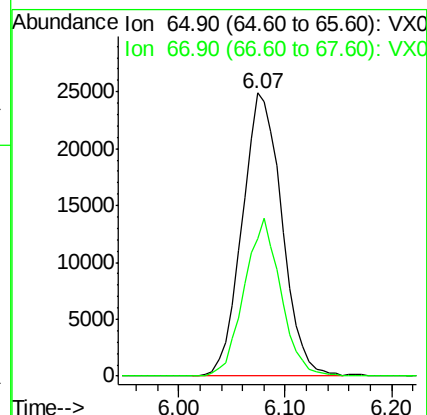
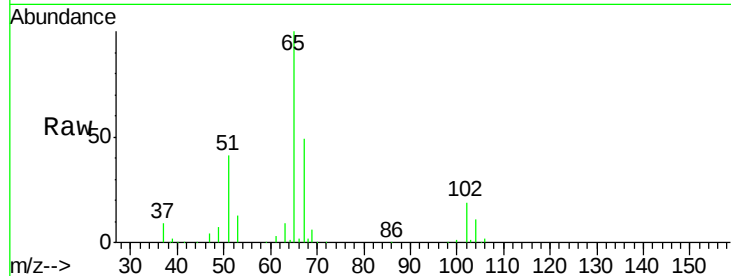




#33
 1,2-Dichloroethane-d4
 Concen: 45.36 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000679.D
 Acq: 05 Apr 2018 01:06

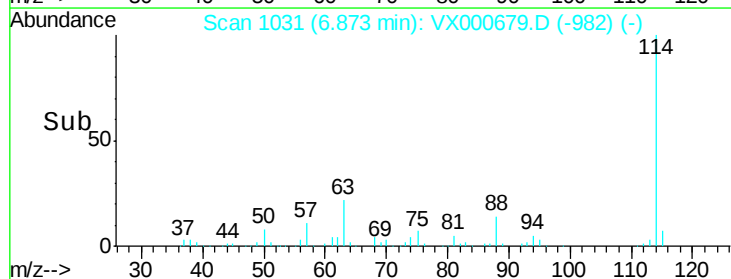
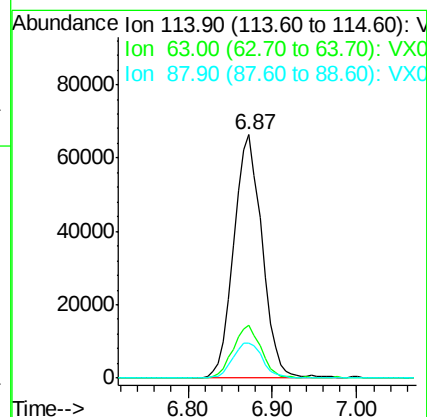
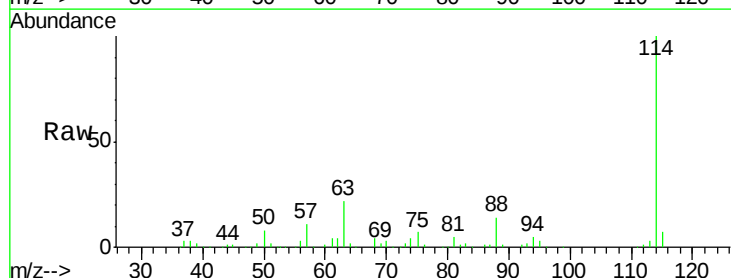
Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-STONES

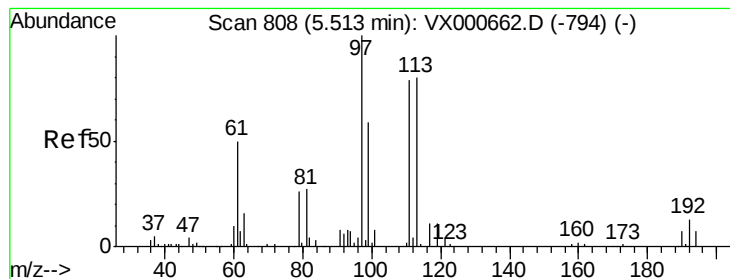
Tgt Ion: 65 Resp: 65203
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000679.D
 Acq: 05 Apr 2018 01:06

Tgt Ion: 114 Resp: 151504
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.6
 88 14.5 0.0 28.6





#35

Dibromofluoromethane

Concen: 47.26 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000679.D

Acq: 05 Apr 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

DRUM-STONES

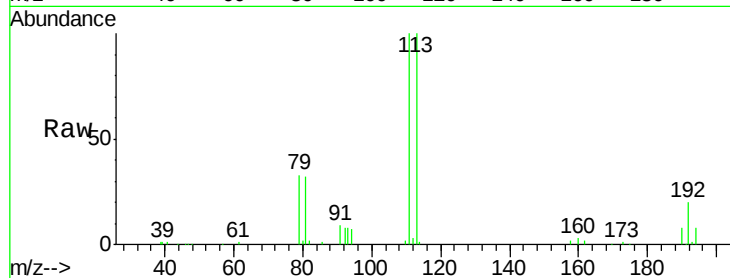
Tgt Ion:113 Resp: 48876

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

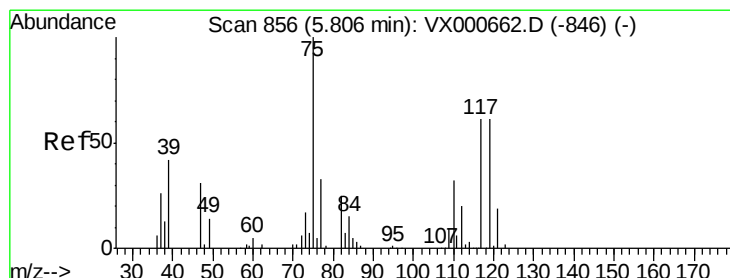
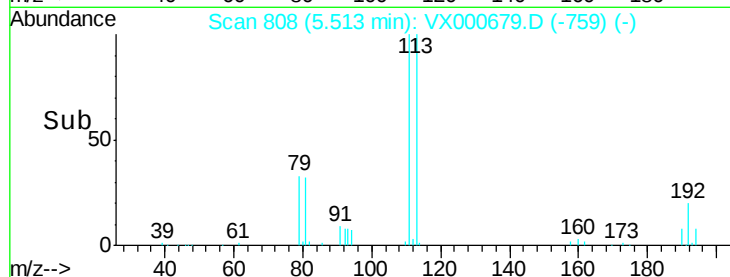
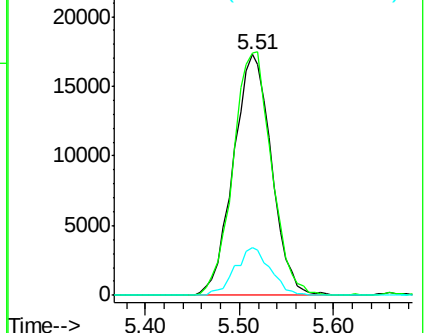
192 18.3 14.3 21.5



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: 5.73 ug/l

RT: 5.68 min Scan# 836

Delta R.T. -0.12 min

Lab File: VX000679.D

Acq: 05 Apr 2018 01:06

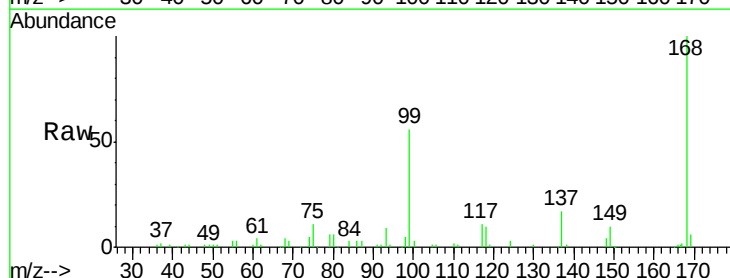
Tgt Ion: 75 Resp: 8048

Ion Ratio Lower Upper

75 100

110 11.6 16.3 48.9#

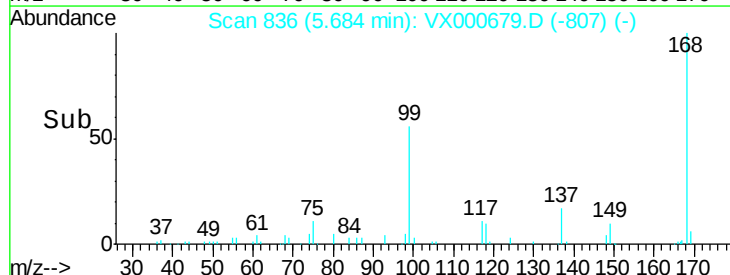
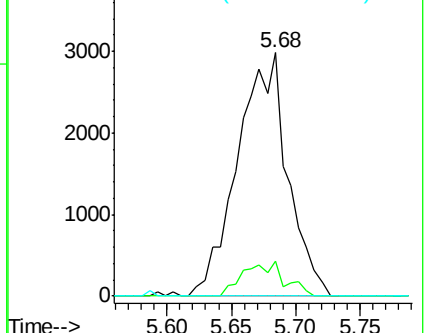
77 0.0 24.3 36.5#

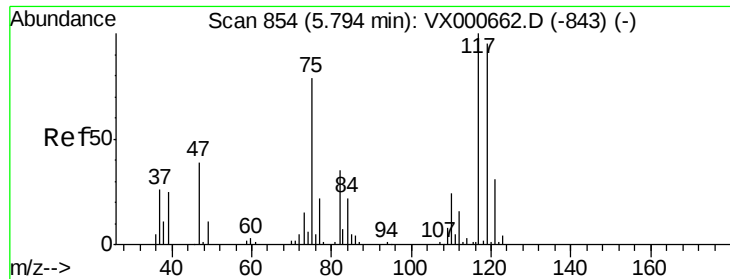


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.96 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000679.D

Acq: 05 Apr 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

DRUM-STONES

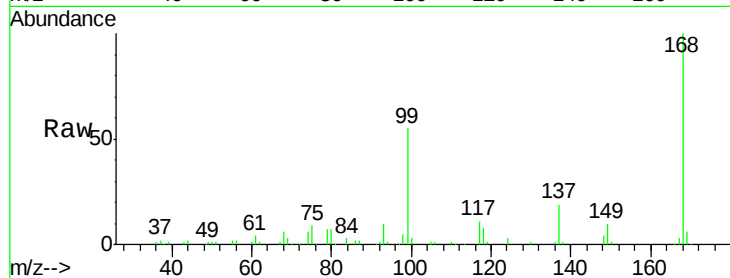
Tgt Ion: 117 Resp: 9413

Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

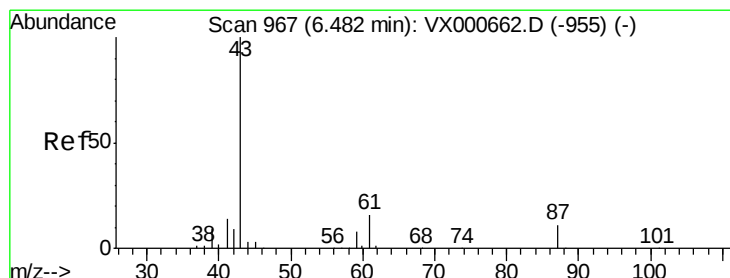
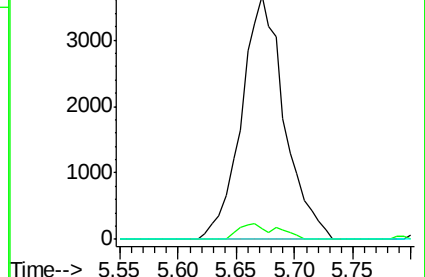
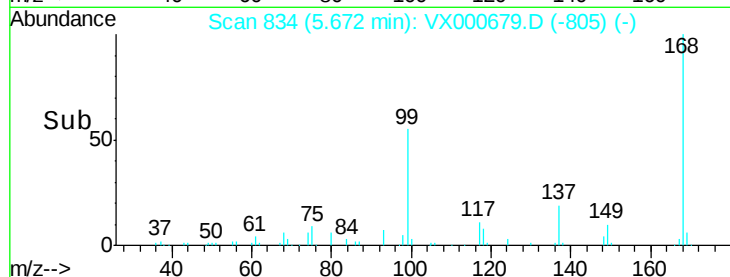
121 0.0 24.8 37.2#



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



#43

Isopropyl Acetate

Concen: 0.44 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000679.D

Acq: 05 Apr 2018 01:06

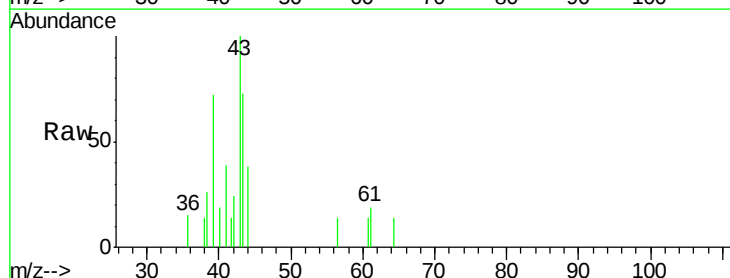
Tgt Ion: 43 Resp: 1369

Ion Ratio Lower Upper

43 100

61 14.5 13.4 20.2

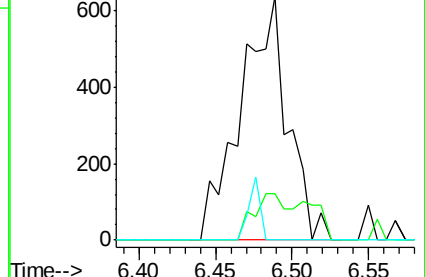
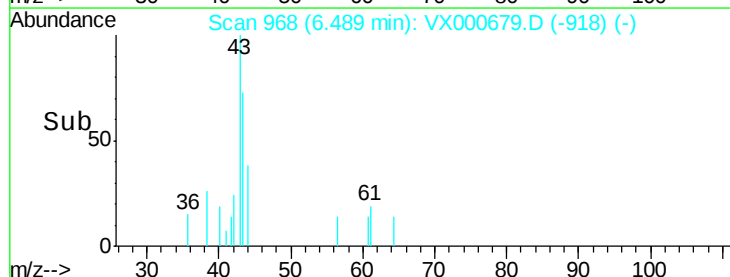
87 6.1 9.4 14.0#

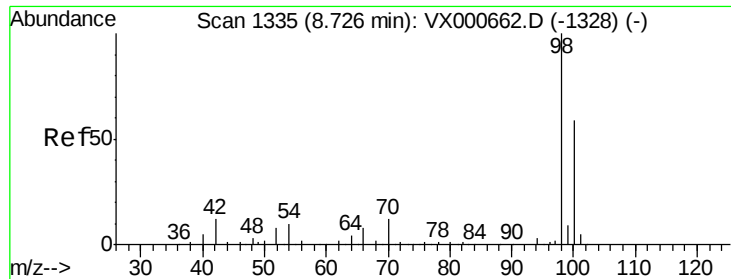


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

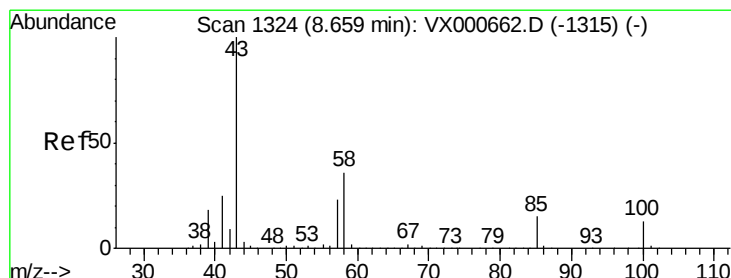
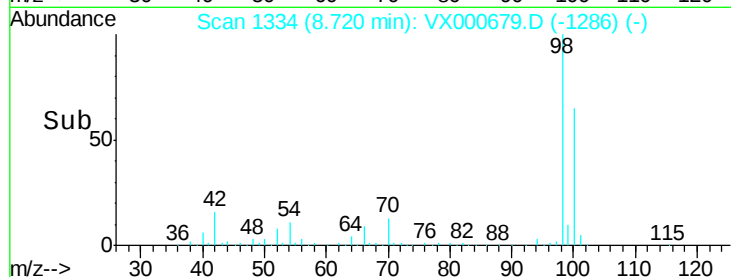
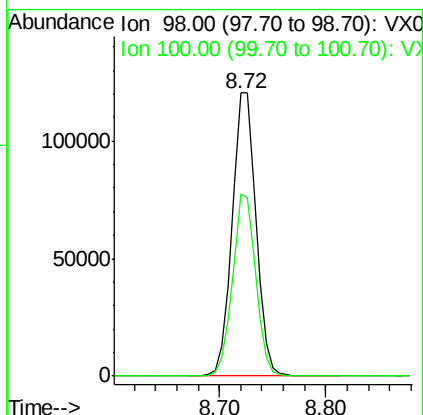
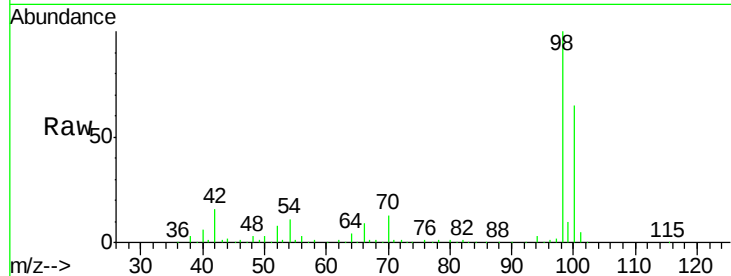




#50
Toluene-d8
Concen: 43.34 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000679.D
Acq: 05 Apr 2018 01:06

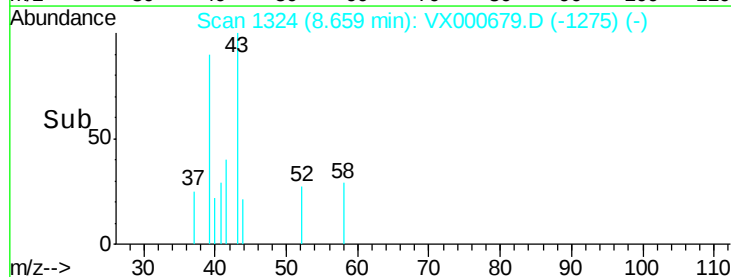
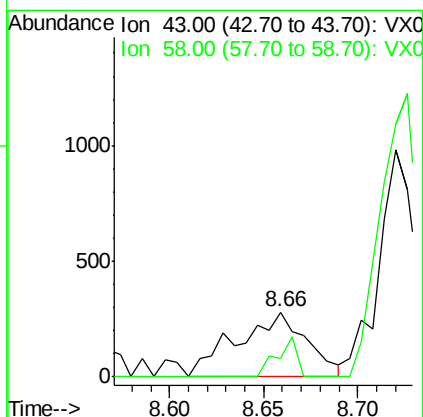
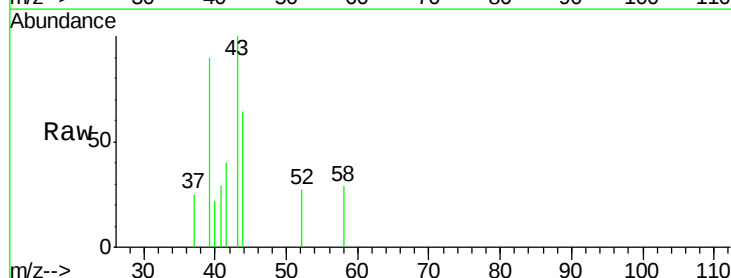
Instrument :
MSVOA_X
ClientSampleId :
DRUM-STONES

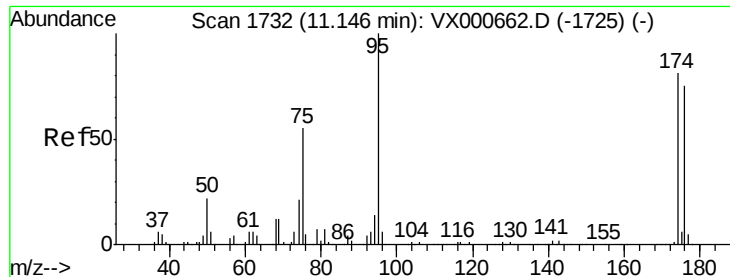
Tgt Ion: 98 Resp: 190588
Ion Ratio Lower Upper
98 100
100 62.4 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 0.28 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX000679.D
Acq: 05 Apr 2018 01:06

Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
58 17.3 28.2 42.2#





#62

4-Bromofluorobenzene

Concen: 38.16 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000679.D

Acq: 05 Apr 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

DRUM-STONES

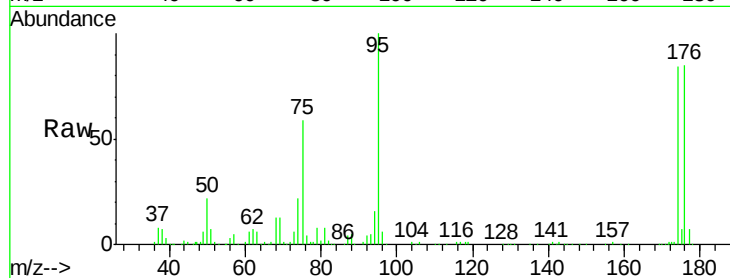
Tgt Ion: 95 Resp: 66413

Ion Ratio Lower Upper

95 100

174 84.1 0.0 156.8

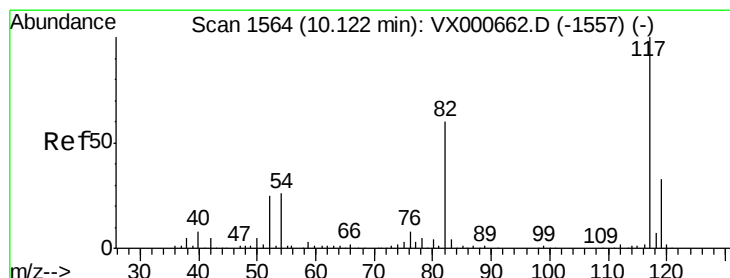
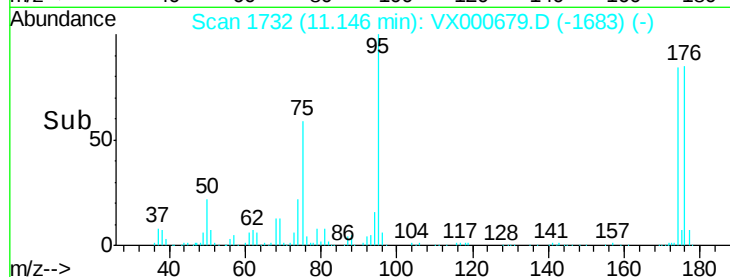
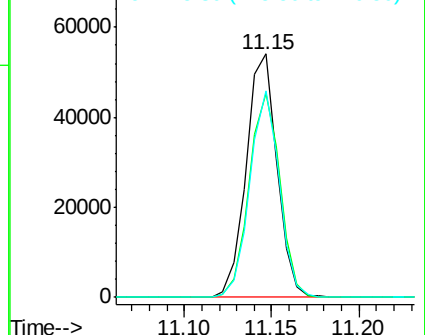
176 81.3 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VX000662.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000662.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000662.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000679.D

Acq: 05 Apr 2018 01:06

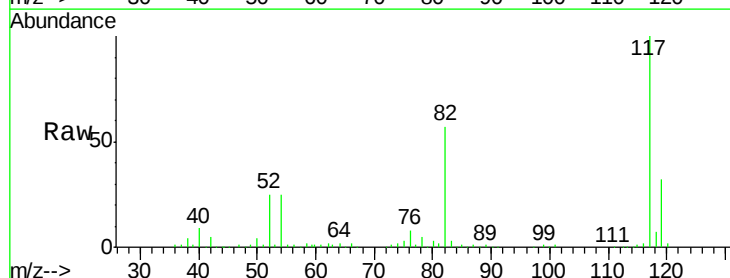
Tgt Ion: 117 Resp: 147289

Ion Ratio Lower Upper

117 100

82 57.0 48.3 72.5

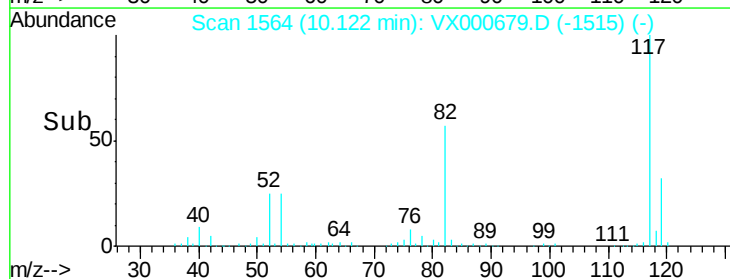
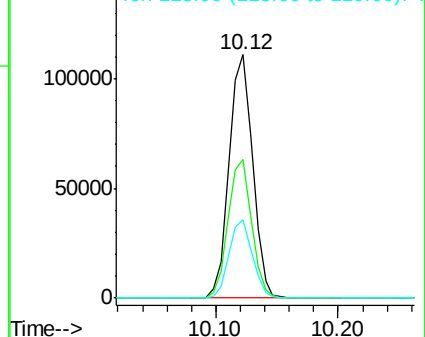
119 32.0 26.0 39.0

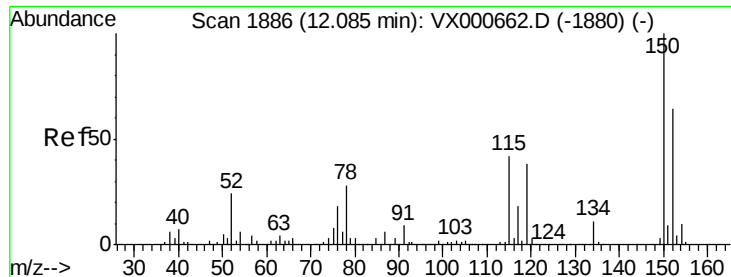


Abundance Ion 116.90 (116.60 to 117.60): VX000662.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000662.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000662.D (-1557) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000679.D

Acq: 05 Apr 2018 01:06

Instrument :

MSVOA_X

ClientSampled :

DRUM-STONES

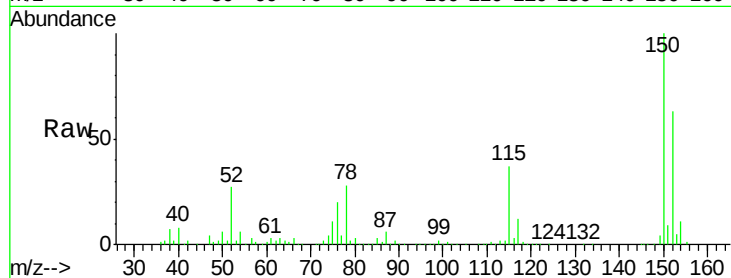
Tgt Ion:152 Resp: 74616

Ion Ratio Lower Upper

152 100

115 59.2 41.9 125.8

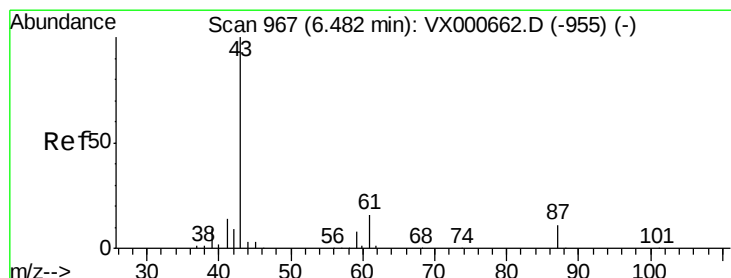
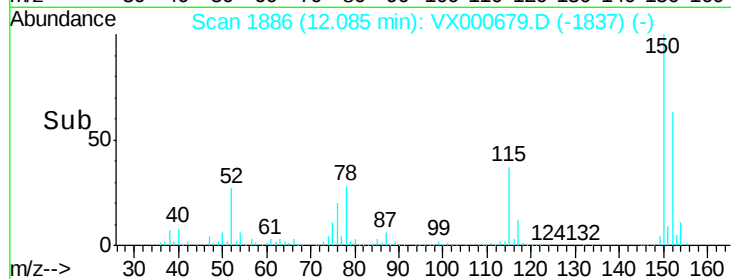
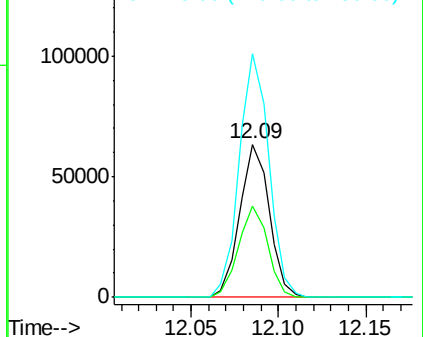
150 159.8 0.0 348.0



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



#74

N-ethyl acetate

Concen: 0.57 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000679.D

Acq: 05 Apr 2018 01:06

Tgt Ion: 43 Resp: 1369

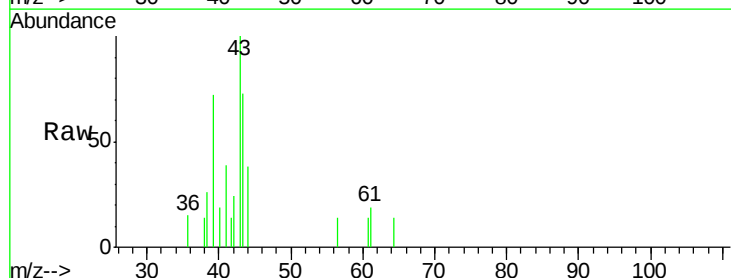
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 14.5 13.4 20.2

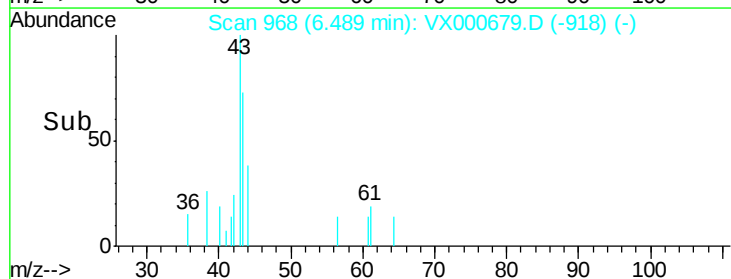
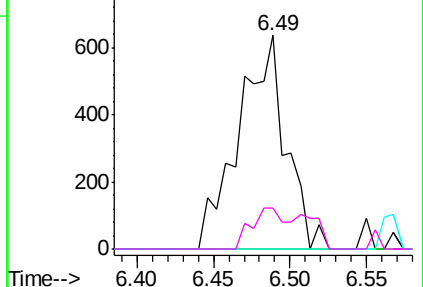


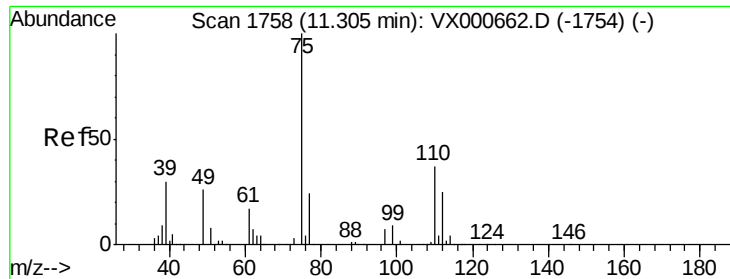
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

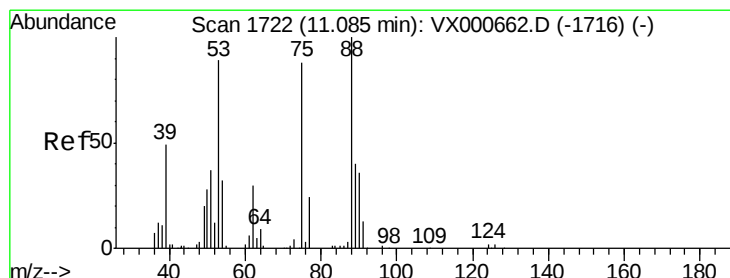
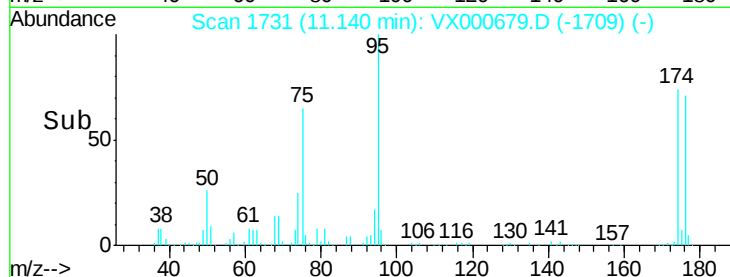
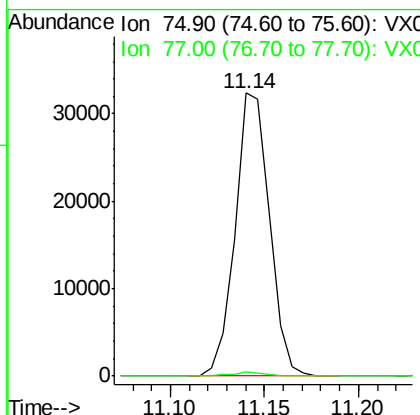
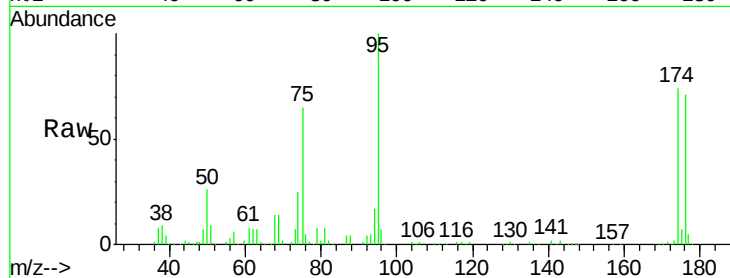




#76
 1,2,3-Trichloropropane
 Concen: 25.09 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX000679.D
 Acq: 05 Apr 2018 01:06

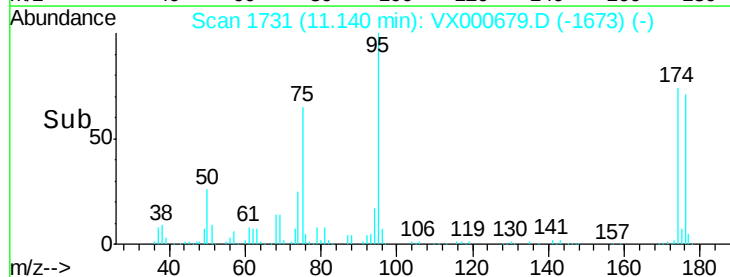
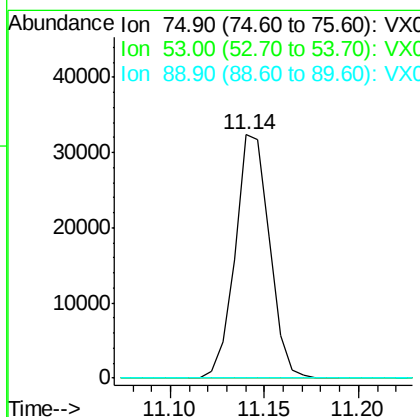
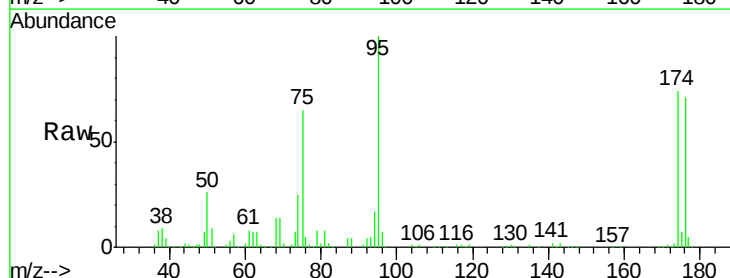
Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-STONES

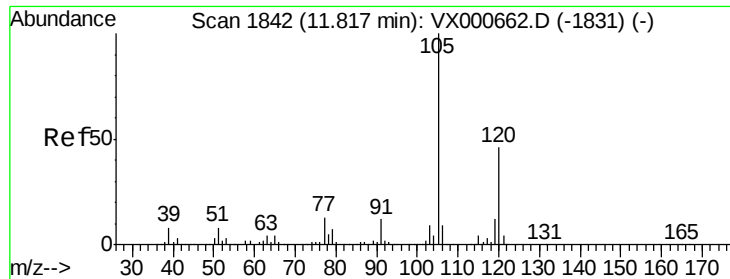
Tgt Ion: 75 Resp: 40836
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.2 60.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.98 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.05 min
 Lab File: VX000679.D
 Acq: 05 Apr 2018 01:06

Tgt Ion: 75 Resp: 40836
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.7 128.5#
 89 0.2 36.3 54.5#

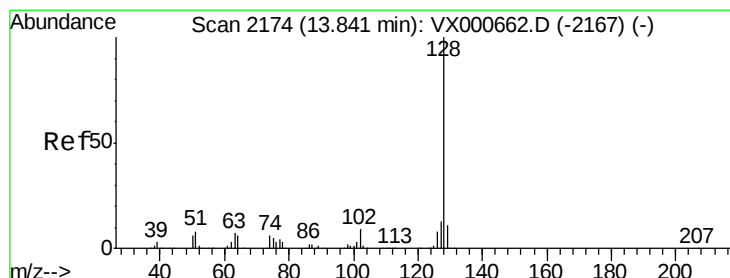
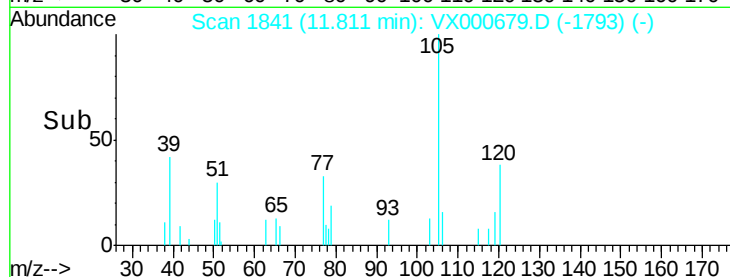
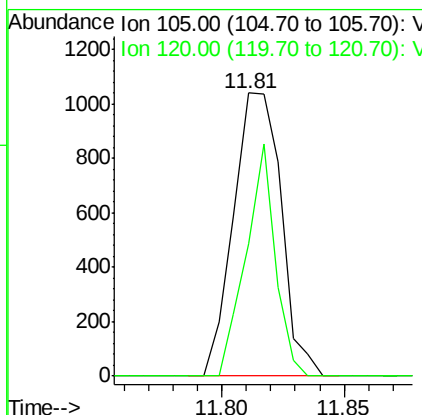
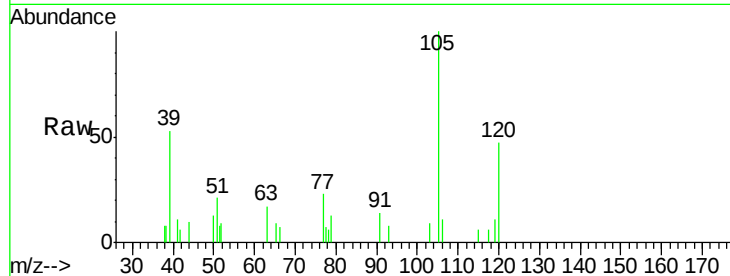




#84
 1,2,4-Trimethylbenzene
 Concen: 0.35 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000679.D
 Acq: 05 Apr 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-STONES

Tgt Ion:105 Resp: 1417
 Ion Ratio Lower Upper
 105 100
 120 50.5 21.6 65.0



#95
 Naphthalene
 Concen: 1.08 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX000679.D
 Acq: 05 Apr 2018 01:06

Tgt Ion:128 Resp: 6079
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.6 16.0
 129 10.7 8.9 13.3

