

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
 Data File : VX000580.D
 Acq On : 30 Mar 2018 23:54
 Operator : JC/MD
 Sample : J2075-03ME
 Misc : 5.62g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103(2-3)ME

Quant Time: Mar 31 05:06:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	134877	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	235116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	241309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	143921	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	92623	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
35) Dibromofluoromethane	5.51	113	69412	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	8.72	98	301223	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.15	95	117466	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	

Target Compounds						Qvalue
3) Chloromethane	1.32	50	509	0.33	ug/l	# 74
5) Bromomethane	1.64	94	4883	2.51	ug/l	97
6) Chloroethane	1.71	64	124	Below	Cal	# 44
10) Methyl Iodide	2.49	142	3098	5.99	ug/l	# 82
11) Tert butyl alcohol	3.03	59	3465	5.72	ug/l	# 80
13) Acrolein	2.31	56	75	14.94	ug/l	# 81
14) Allyl chloride	2.70	41	119	Below	Cal	# 80
17) Carbon Disulfide	2.53	76	170013	43.72	ug/l	98
18) Methyl Acetate	2.82	43	29884	9.73	ug/l	95
20) Methylene Chloride	2.85	84	4591	2.71	ug/l	88
29) Tetrahydrofuran	5.23	42	1208	1.19	ug/l	# 52
31) Cyclohexane	5.67	56	3218	1.45	ug/l	# 43
36) 1,1-Dichloropropene	5.67	75	10976	4.98	ug/l	# 52
38) Carbon Tetrachloride	5.67	117	13243	5.73	ug/l	# 16
40) Benzene	6.15	78	39852	6.23	ug/l	99
43) Isopropyl Acetate	6.53	43	1419	0.32	ug/l	# 62
52) Toluene	8.79	92	48297	10.80	ug/l	96
55) 1,1,2-Trichloroethane	9.09	97	2009	1.09	ug/l	# 17
59) 2-Hexanone	9.65	43	3510	1.19	ug/l	67
60) Dibromochloromethane	9.34	129	67	4.14	ug/l	# 12
67) Ethyl Benzene	10.26	91	42794	4.70	ug/l	99
68) m/p-Xylenes	10.37	106	72306	20.18	ug/l	100
69) o-Xylene	10.71	106	42927	12.38	ug/l	96
70) Styrene	10.72	104	6096	1.06	ug/l	# 1
73) Isopropylbenzene	11.02	105	10733	1.13	ug/l	98
74) N-amyl acetate	6.53	43	1419	Below	Cal	# 59
76) 1,2,3-Trichloropropane	11.15	75	65178	21.07	ug/l	# 35
78) n-propylbenzene	11.37	91	14205	1.25	ug/l	98
79) 2-Chlorotoluene	11.44	91	12150	1.85	ug/l	# 46
80) 1,3,5-Trimethylbenzene	11.52	105	75960	9.47	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.15	75	65178	68.22	ug/l	# 9
82) 4-Chlorotoluene	11.51	91	9061	1.16	ug/l	# 44
83) tert-Butylbenzene	11.82	119	20943	2.59	ug/l	# 54
84) 1,2,4-Trimethylbenzene	11.82	105	169131	20.12	ug/l	100

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Instrument :
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ClientSampleId :
MW-103(2-3)ME

Quant Time: Mar 31 05:06:38 2018
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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

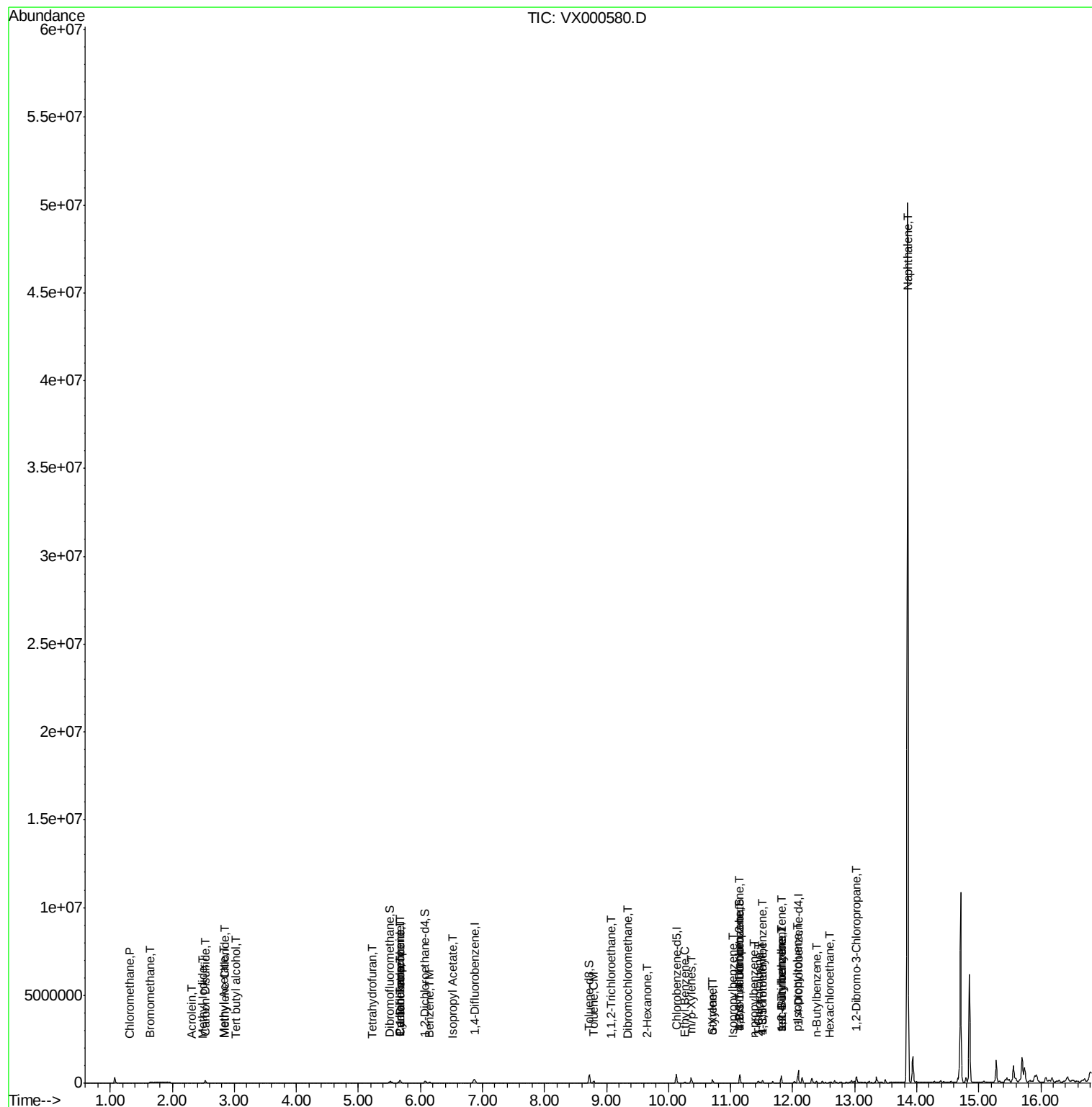
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.82	105	169131	16.90	ug/l #	56
86) p-Isopropyltoluene	12.07	119	18729	2.11	ug/l	92
89) n-Butylbenzene	12.38	91	14152	1.71	ug/l #	20
90) Hexachloroethane	12.60	117	2788	1.99	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.02	75	3805	4.05	ug/l #	1
95) Naphthalene	13.85	128	17990048	1529.81	ug/l #	53

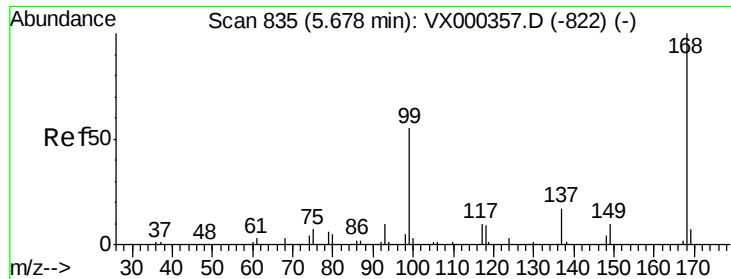
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX000580.D

Acq: 30 Mar 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

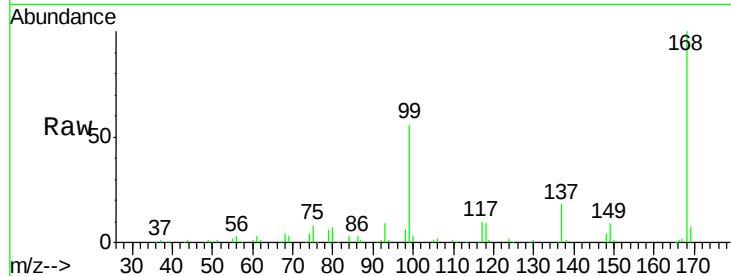
MW-103(2-3)ME

Tgt Ion:168 Resp: 134877

Ion Ratio Lower Upper

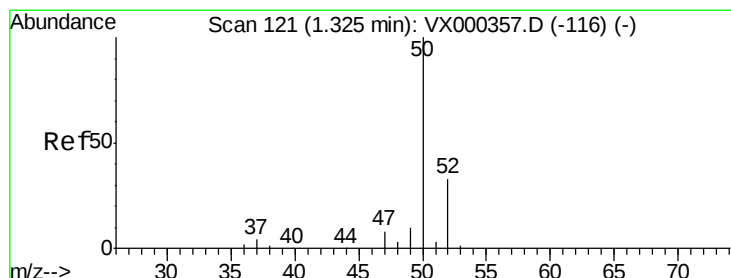
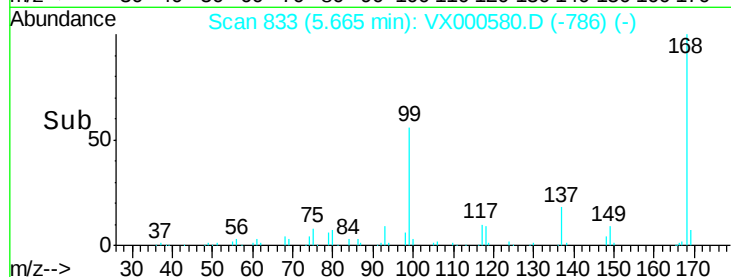
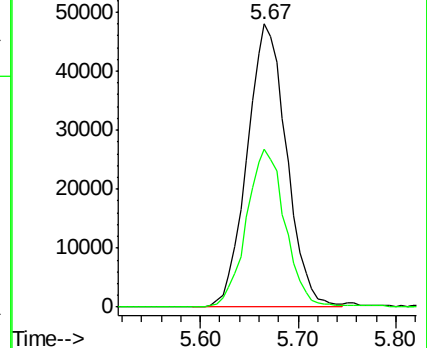
168 100

99 55.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.33 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX000580.D

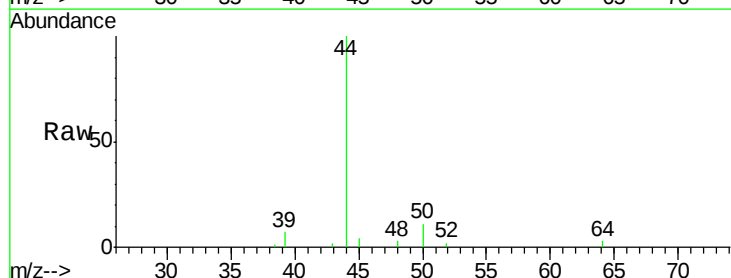
Acq: 30 Mar 2018 23:54

Tgt Ion: 50 Resp: 509

Ion Ratio Lower Upper

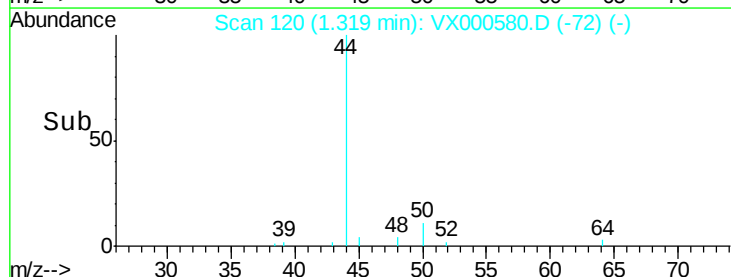
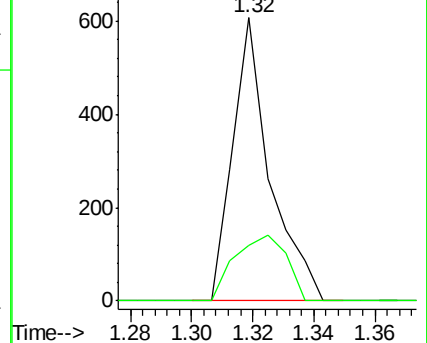
50 100

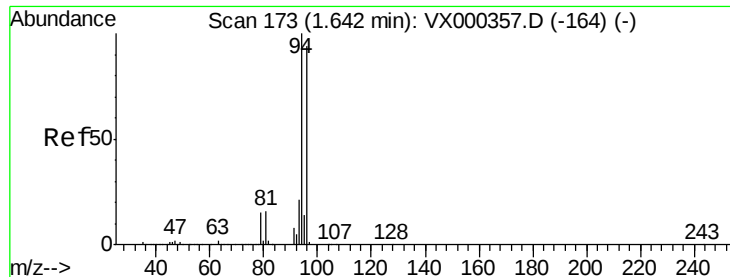
52 19.4 27.5 41.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 2.51 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000580.D

Acq: 30 Mar 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

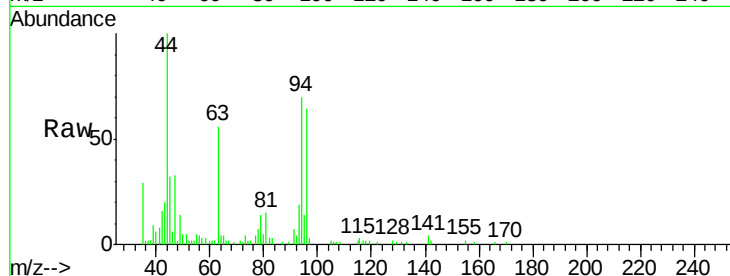
MW-103(2-3)ME

Tgt Ion: 94 Resp: 4883

Ion Ratio Lower Upper

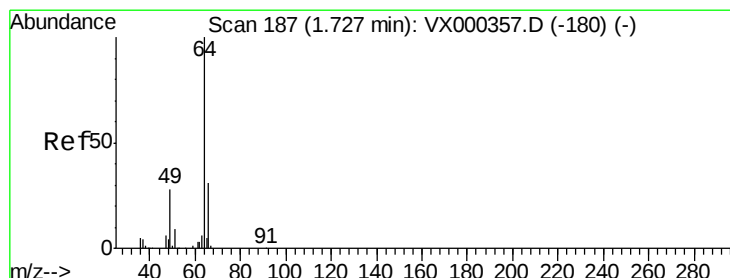
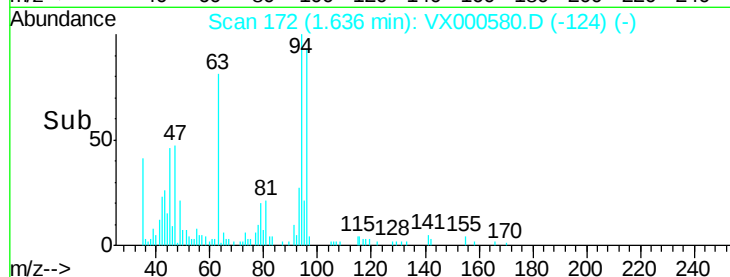
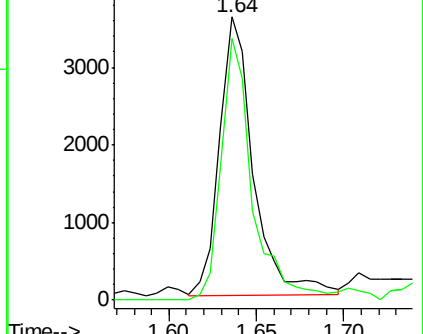
94 100

96 94.2 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000580.D

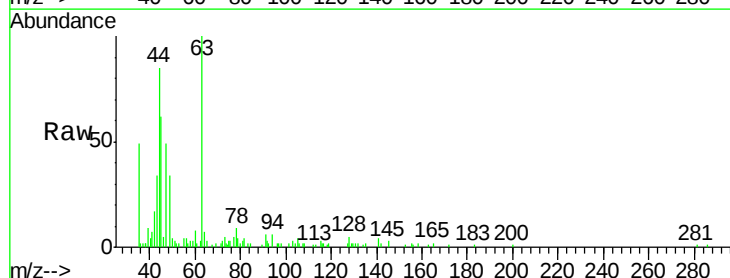
Acq: 30 Mar 2018 23:54

Tgt Ion: 64 Resp: 124

Ion Ratio Lower Upper

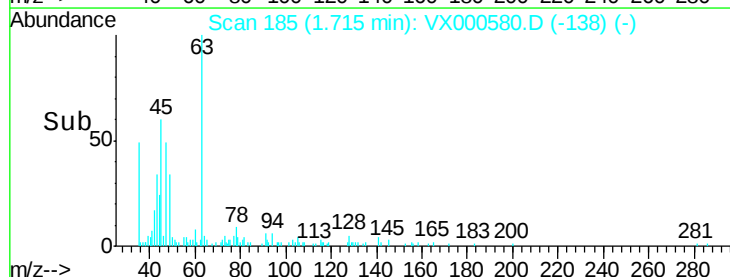
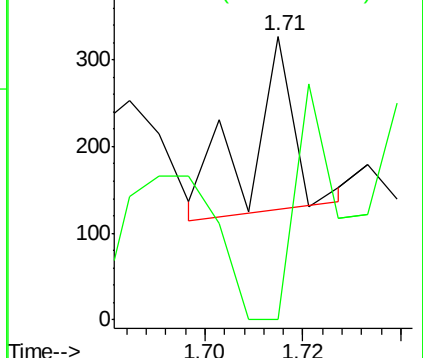
64 100

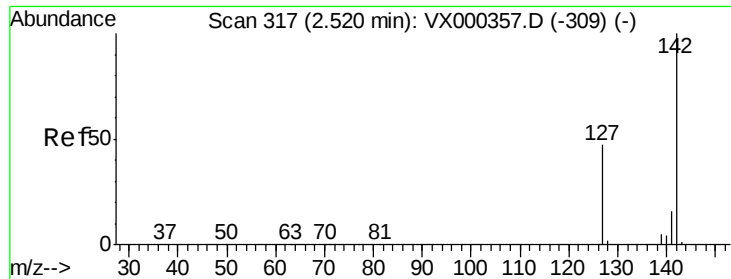
66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

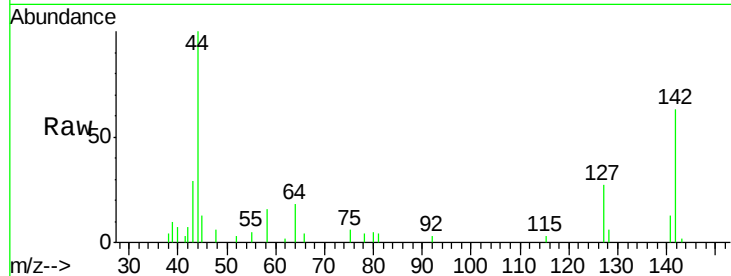




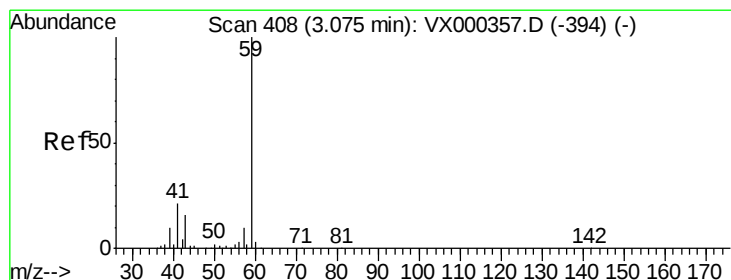
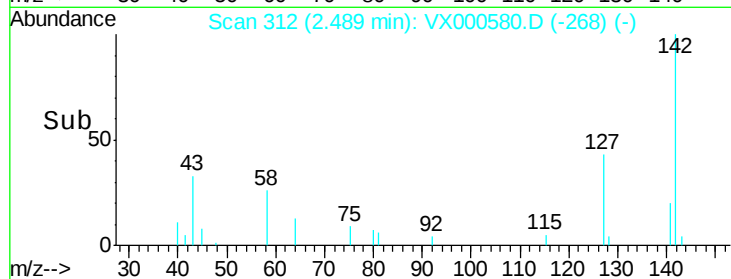
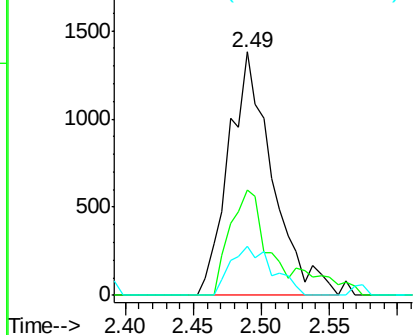
#10
Methyl Iodide
Concen: 5.99 ug/l
RT: 2.49 min Scan# 312
Delta R.T. -0.03 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
MW-103(2-3)ME

Tgt Ion:142 Resp: 3098
Ion Ratio Lower Upper
142 100
127 35.8 39.2 58.8#
141 19.5 11.7 17.5#

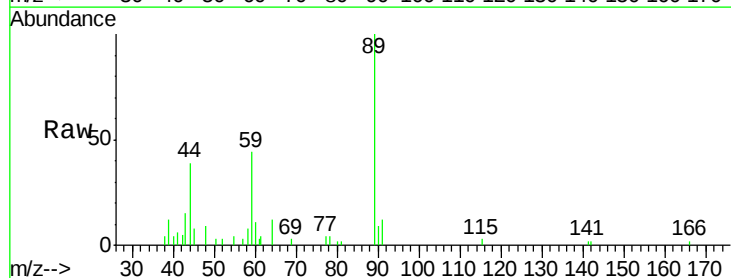


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

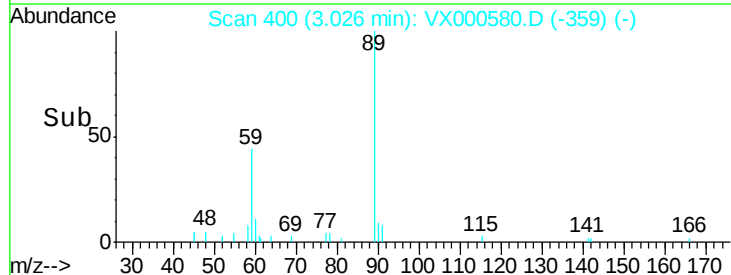
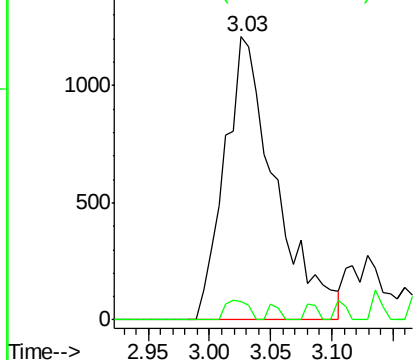


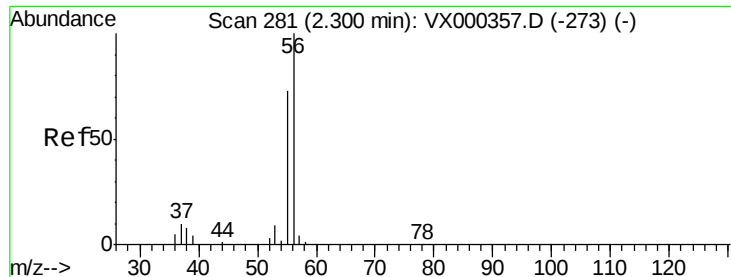
#11
Tert butyl alcohol
Concen: 5.72 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

Tgt Ion: 59 Resp: 3465
Ion Ratio Lower Upper
59 100
57 3.1 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 14.94 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX000580.D

Acq: 30 Mar 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

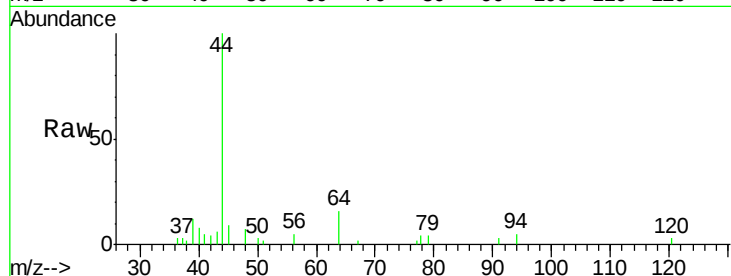
MW-103(2-3)ME

Tgt Ion: 56 Resp: 75

Ion Ratio Lower Upper

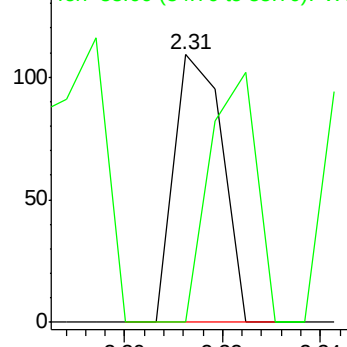
56 100

55 89.3 58.8 88.2#

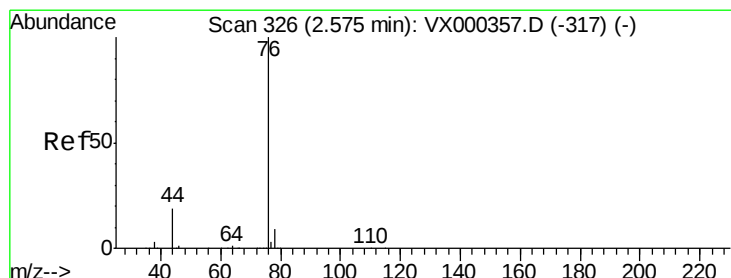
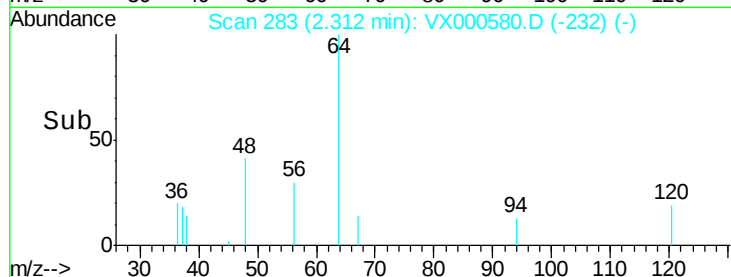


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 43.72 ug/l

RT: 2.53 min Scan# 319

Delta R.T. -0.04 min

Lab File: VX000580.D

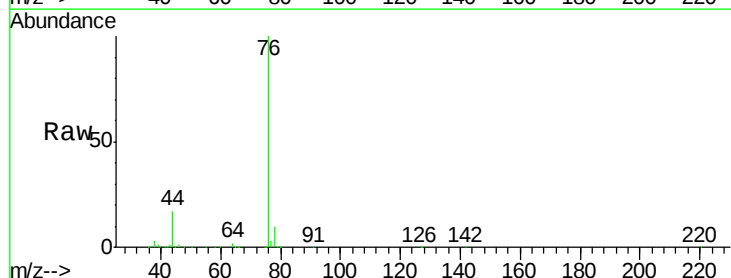
Acq: 30 Mar 2018 23:54

Tgt Ion: 76 Resp: 170013

Ion Ratio Lower Upper

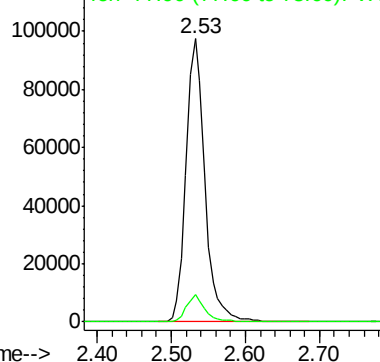
76 100

78 9.6 7.0 10.6

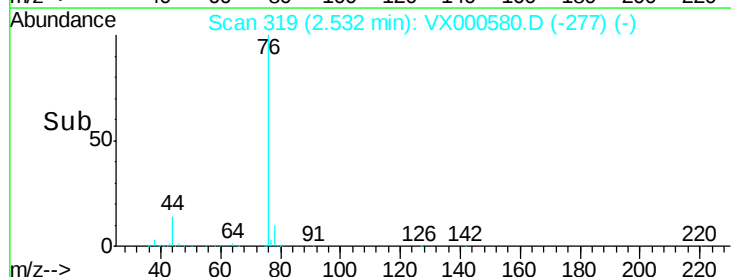


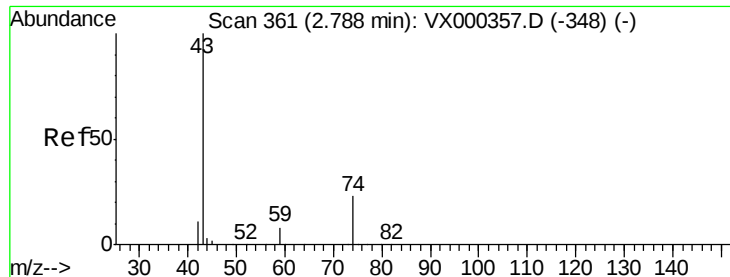
Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->

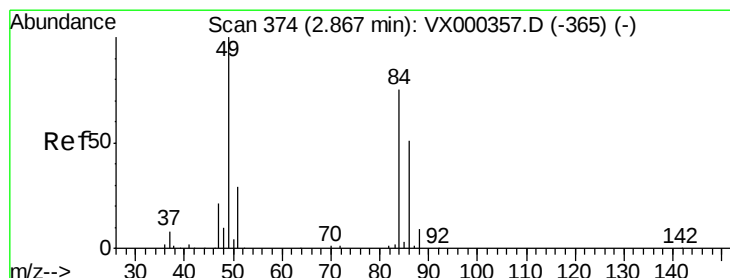
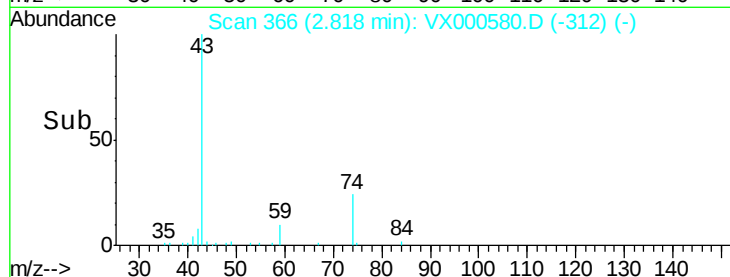
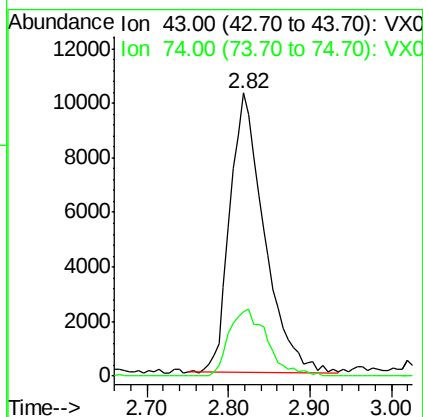
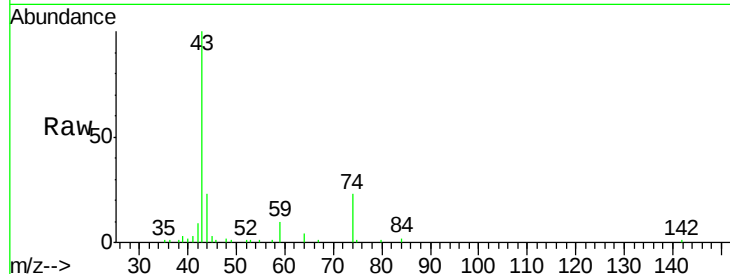




#18
Methyl Acetate
Concen: 9.73 ug/l
RT: 2.82 min Scan# 366
Delta R.T. 0.03 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

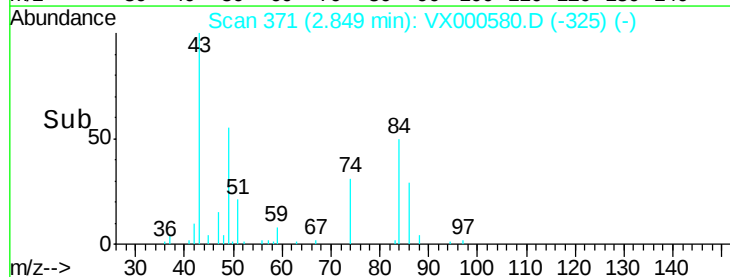
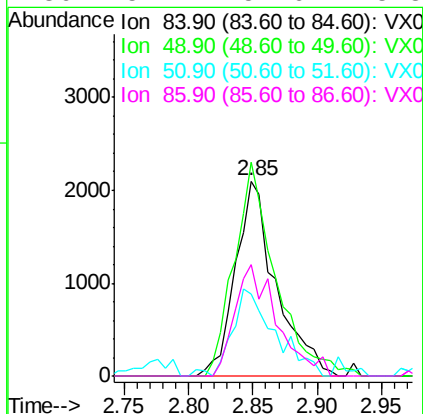
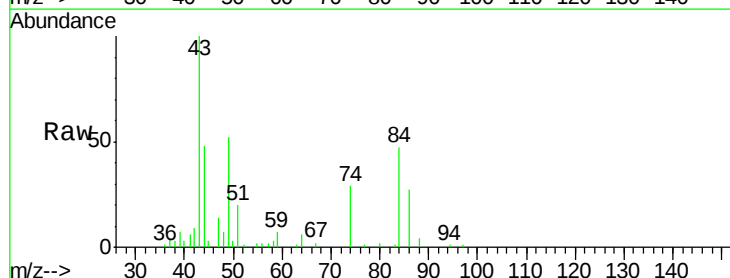
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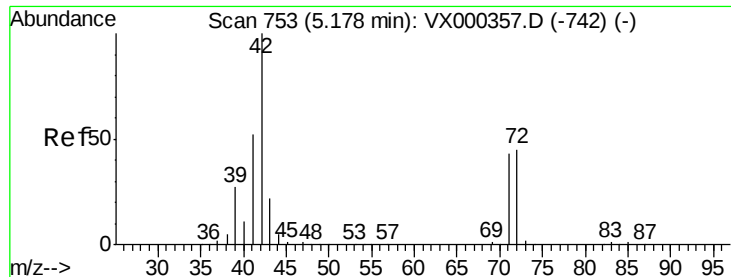
Tgt Ion: 43 Resp: 29884
Ion Ratio Lower Upper
43 100
74 26.6 19.4 29.2



#20
Methylene Chloride
Concen: 2.71 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.02 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

Tgt Ion: 84 Resp: 4591
Ion Ratio Lower Upper
84 100
49 109.6 100.6 151.0
51 42.4 31.6 47.4
86 57.2 52.6 78.8

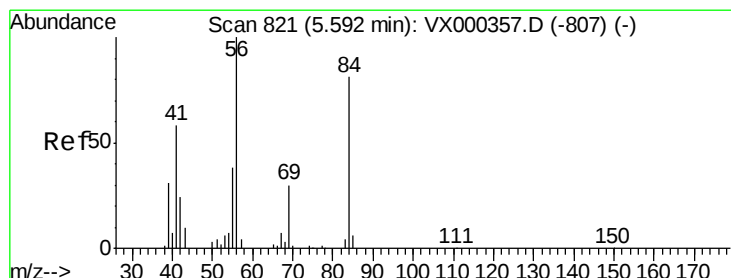
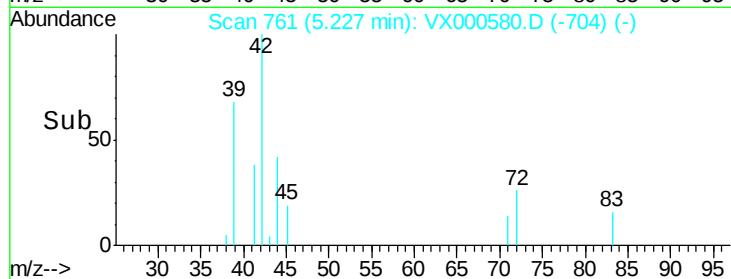
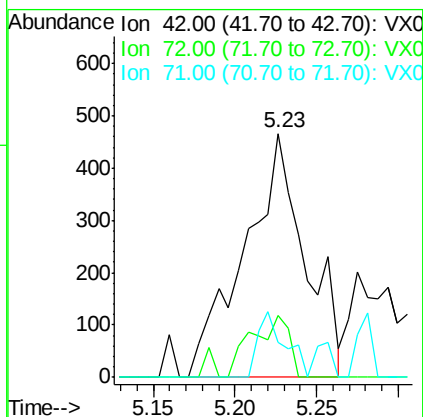
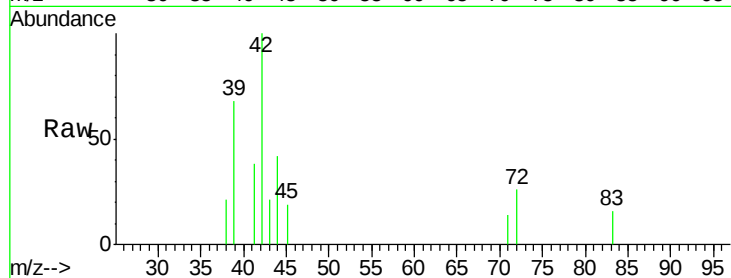




#29
Tetrahydrofuran
Concen: 1.19 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.05 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

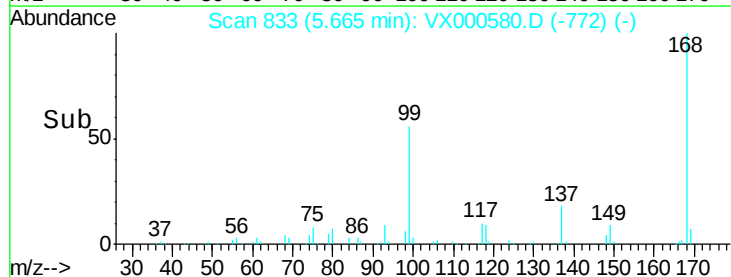
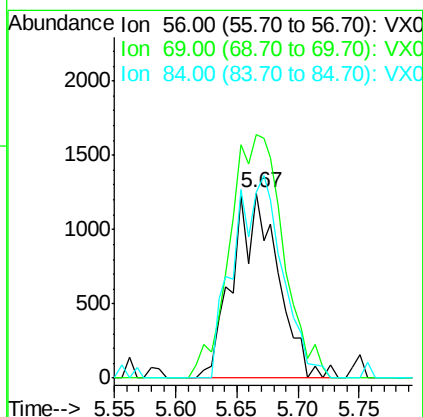
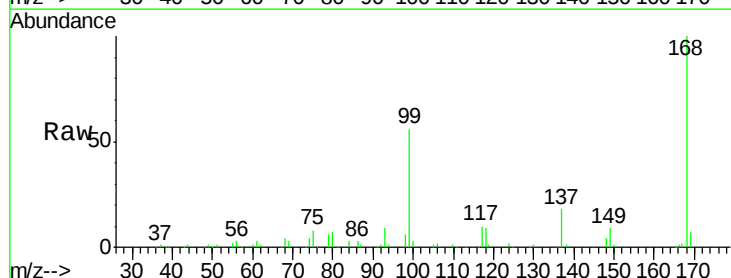
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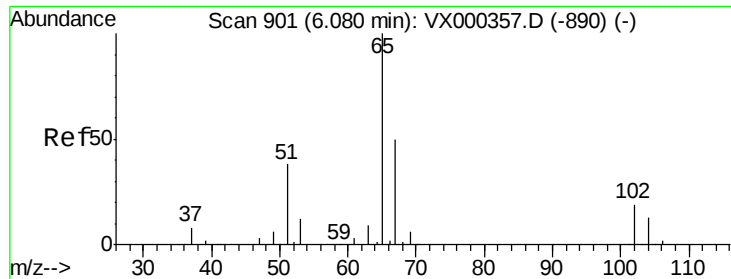
Tgt Ion: 42 Resp: 1208
Ion Ratio Lower Upper
42 100
72 15.3 37.9 56.9#
71 12.0 34.4 51.6#



#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.07 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

Tgt Ion: 56 Resp: 3218
Ion Ratio Lower Upper
56 100
69 131.6 23.4 35.0#
84 100.7 71.0 106.4

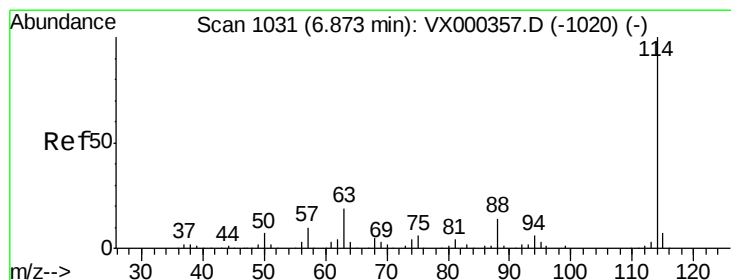
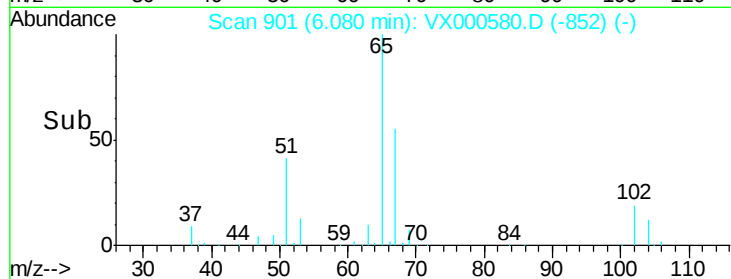
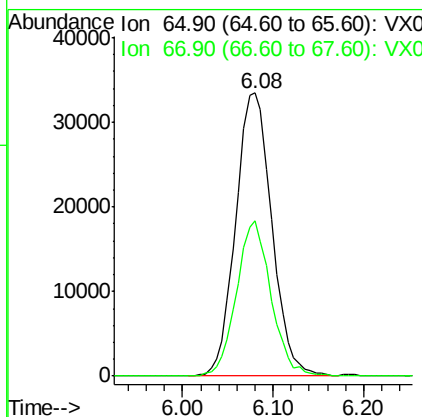
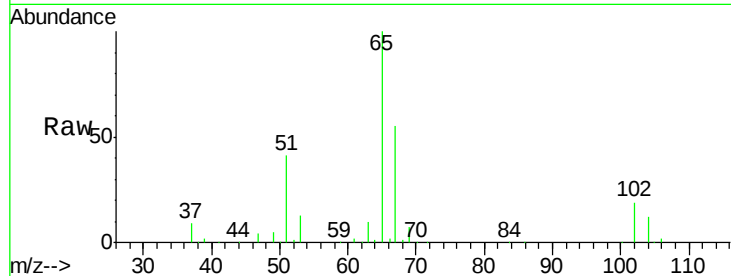




#33
 1,2-Dichloroethane-d4
 Concen: 52.61 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000580.D
 Acq: 30 Mar 2018 23:54

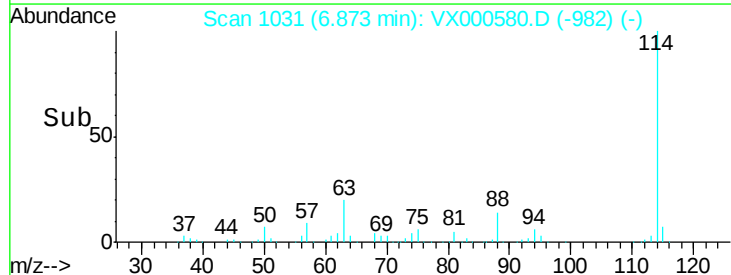
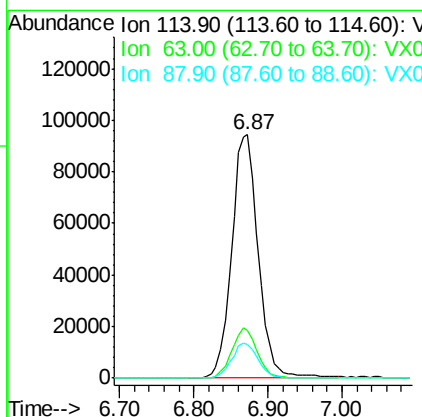
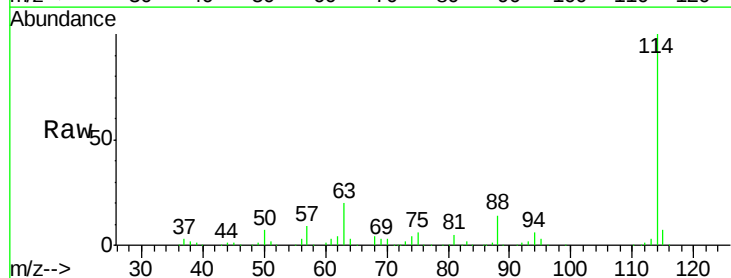
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103(2-3)ME

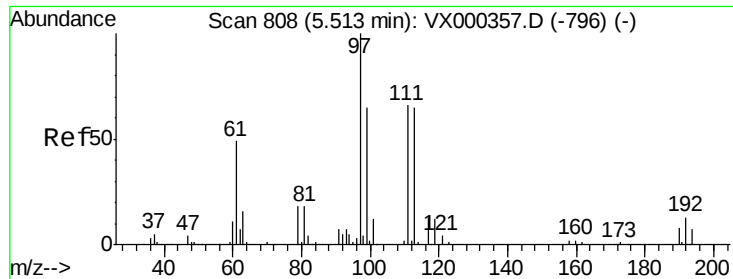
Tgt Ion: 65 Resp: 92623
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000580.D
 Acq: 30 Mar 2018 23:54

Tgt Ion: 114 Resp: 235116
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.4
 88 14.0 0.0 27.0

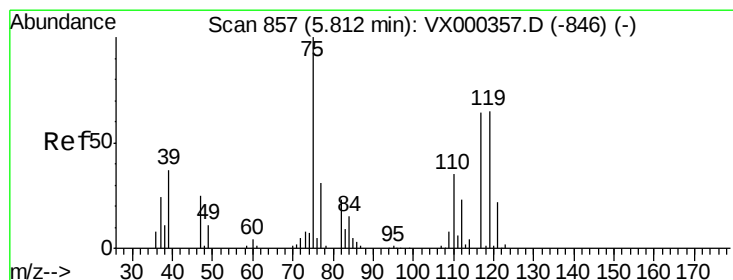
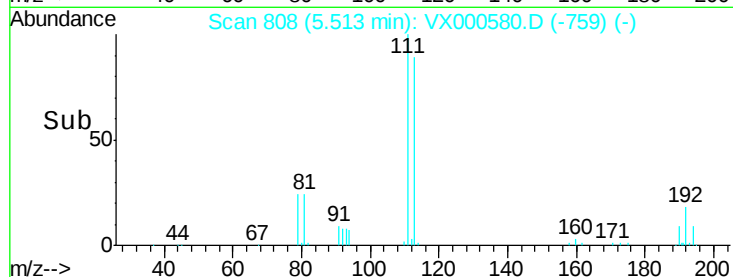
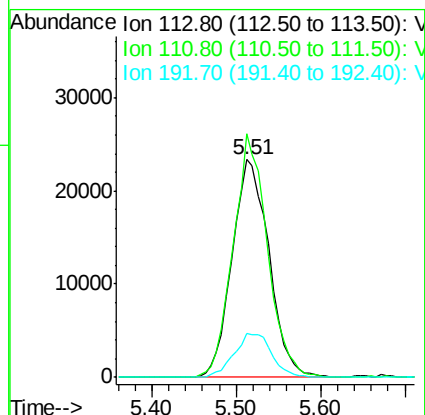
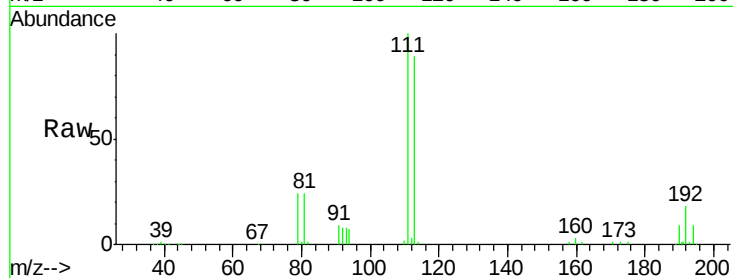




#35
 Dibromofluoromethane
 Concen: 46.85 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000580.D
 Acq: 30 Mar 2018 23:54

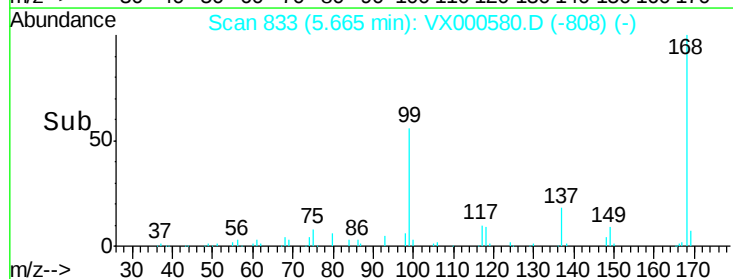
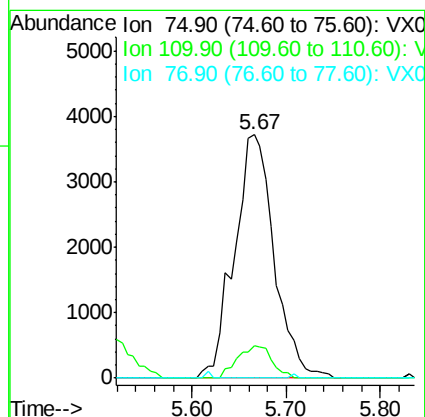
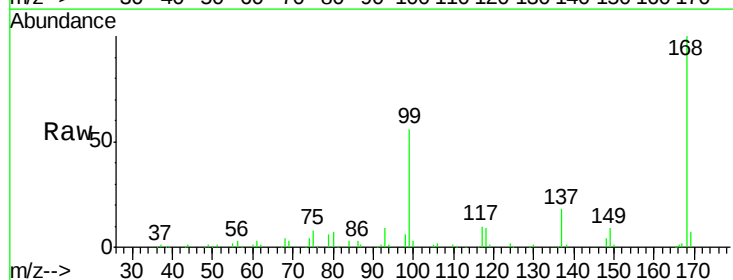
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103(2-3)ME

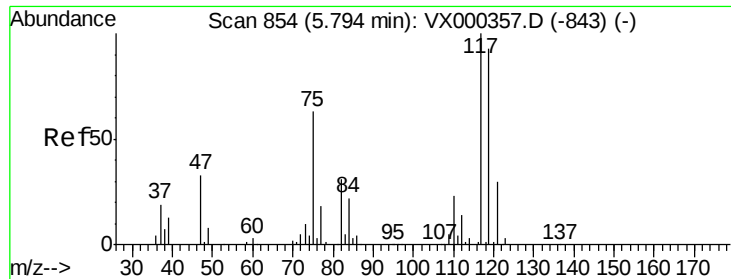
Tgt Ion:113 Resp: 69412
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.4 123.6
 192 20.3 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 4.98 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.15 min
 Lab File: VX000580.D
 Acq: 30 Mar 2018 23:54

Tgt Ion: 75 Resp: 10976
 Ion Ratio Lower Upper
 75 100
 110 11.4 17.9 53.7#
 77 0.0 24.0 36.0#





#38

Carbon Tetrachloride

Concen: 5.73 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX000580.D

Acq: 30 Mar 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

MW-103(2-3)ME

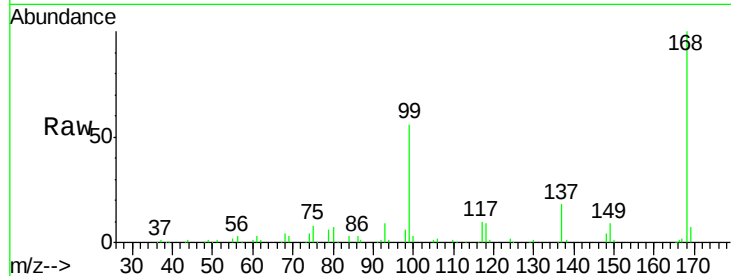
Tgt Ion:117 Resp: 13243

Ion Ratio Lower Upper

117 100

119 6.1 77.4 116.2#

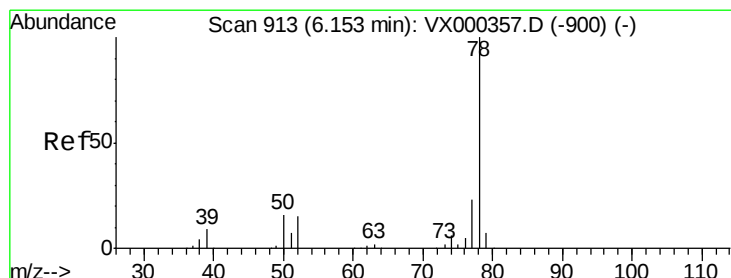
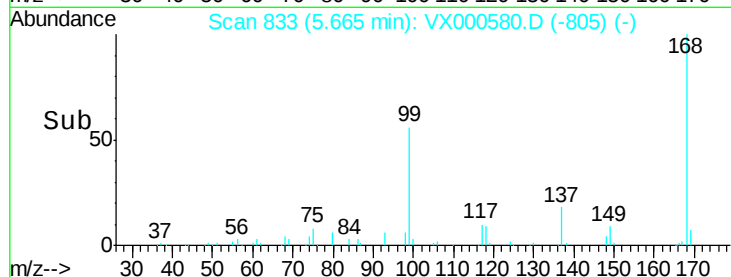
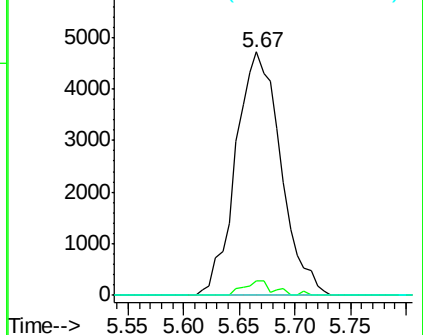
121 0.0 24.8 37.2#



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



#40

Benzene

Concen: 6.23 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX000580.D

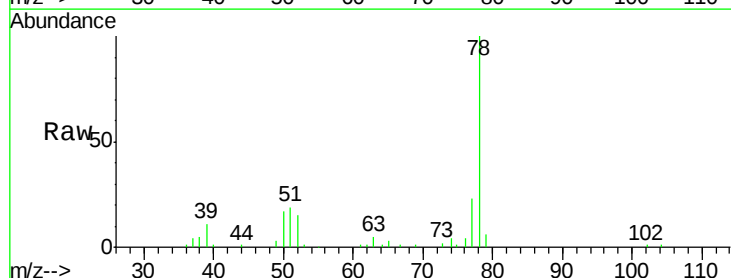
Acq: 30 Mar 2018 23:54

Tgt Ion: 78 Resp: 39852

Ion Ratio Lower Upper

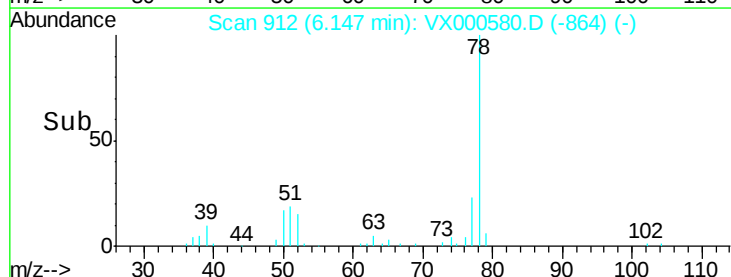
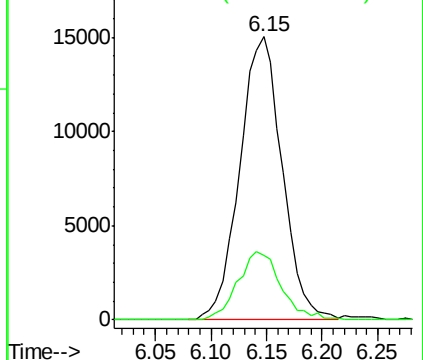
78 100

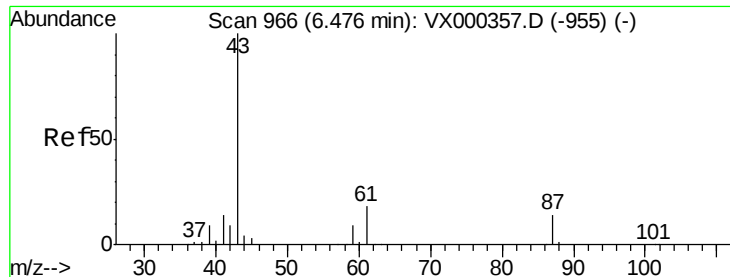
77 23.0 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 0.32 ug/l

RT: 6.53 min Scan# 974

Delta R.T. 0.05 min

Lab File: VX000580.D

Acq: 30 Mar 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

MW-103(2-3)ME

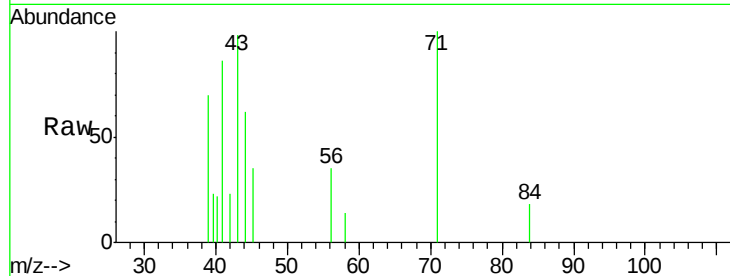
Tgt Ion: 43 Resp: 1419

Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

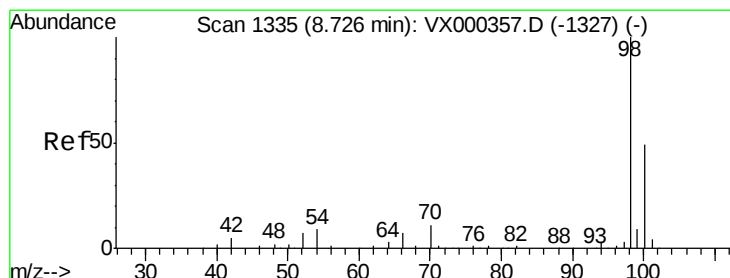
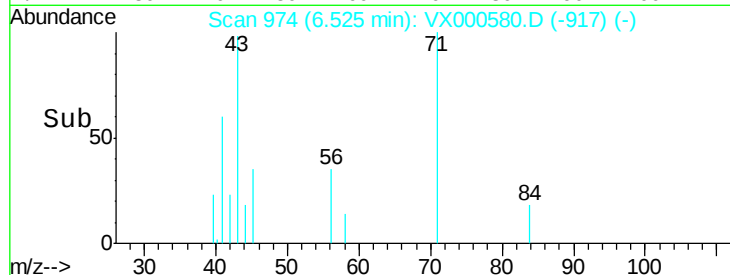
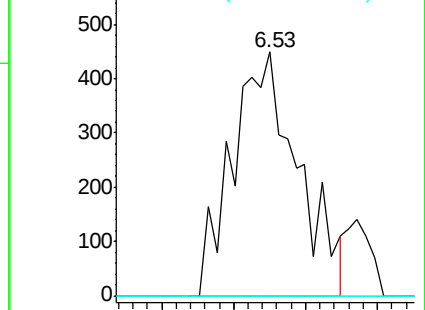
87 0.0 11.0 16.4#



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: 49.09 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000580.D

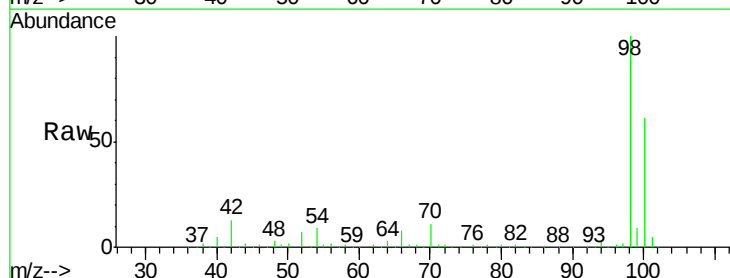
Acq: 30 Mar 2018 23:54

Tgt Ion: 98 Resp: 301223

Ion Ratio Lower Upper

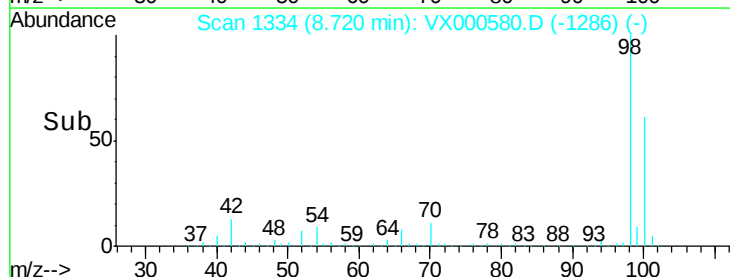
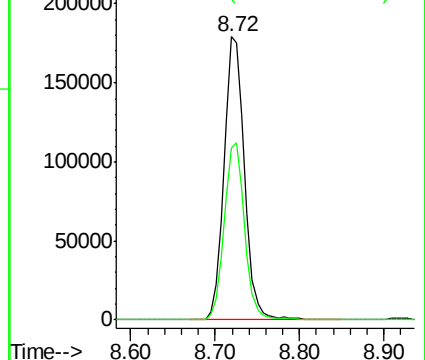
98 100

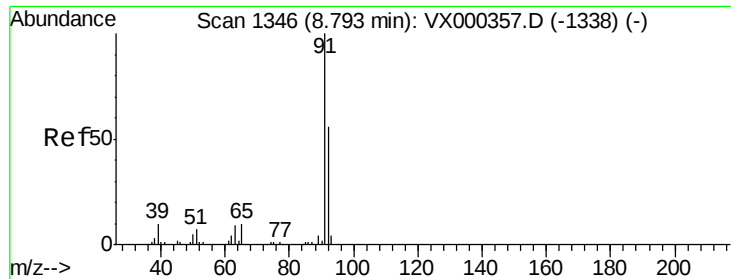
100 62.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 10.80 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000580.D

Acq: 30 Mar 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

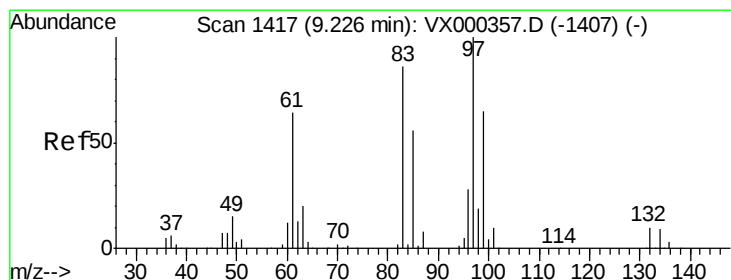
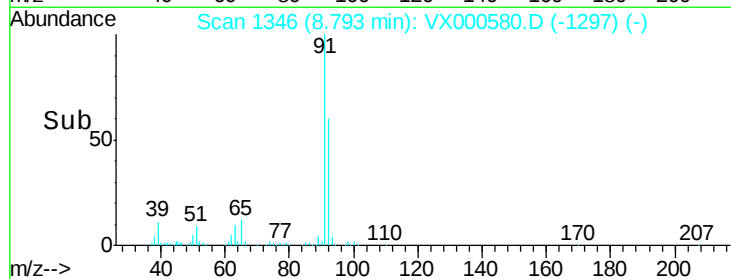
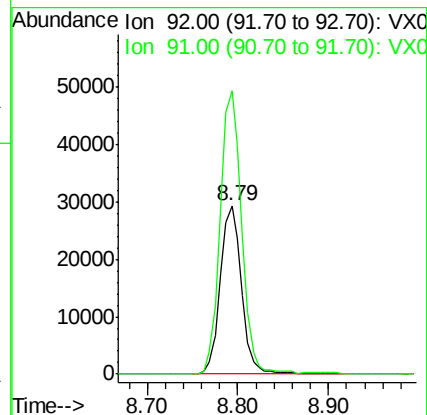
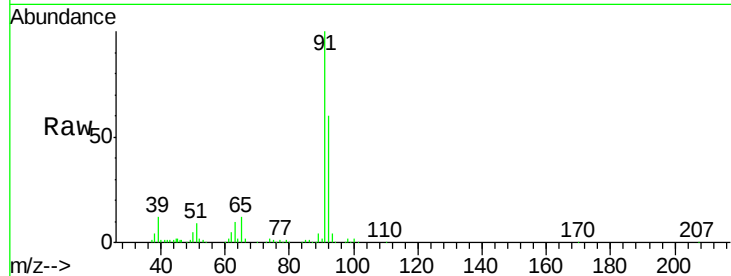
MW-103(2-3)ME

Tgt Ion: 92 Resp: 48297

Ion Ratio Lower Upper

92 100

91 169.7 140.2 210.2



#55

1,1,2-Trichloroethane

Concen: 1.09 ug/l

RT: 9.09 min Scan# 1394

Delta R.T. -0.14 min

Lab File: VX000580.D

Acq: 30 Mar 2018 23:54

Tgt Ion: 97 Resp: 2009

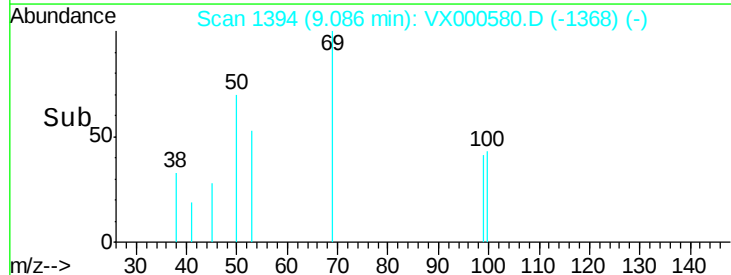
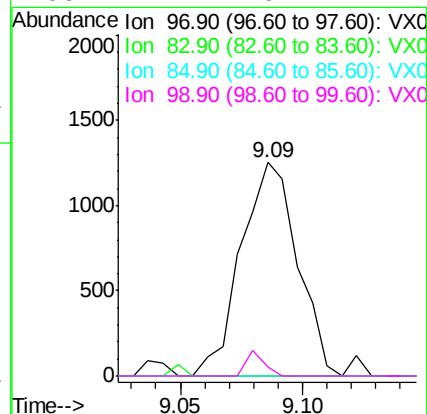
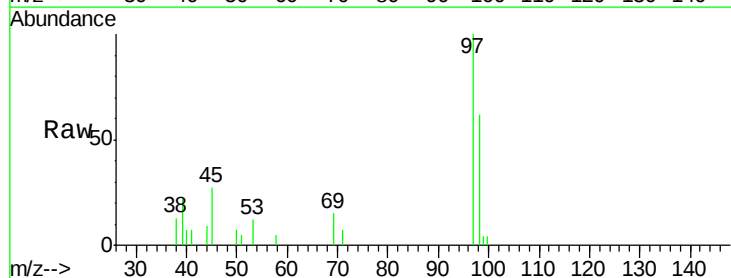
Ion Ratio Lower Upper

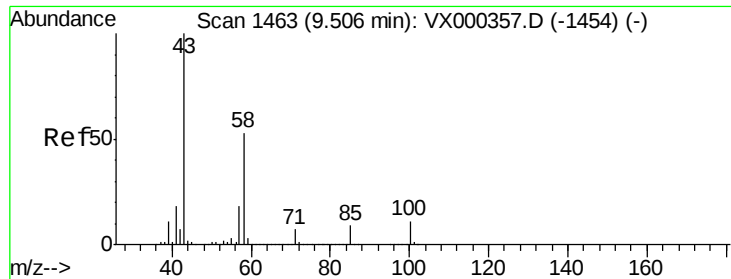
97 100

83 0.0 67.9 101.9#

85 0.0 42.8 64.2#

99 4.1 49.4 74.2#

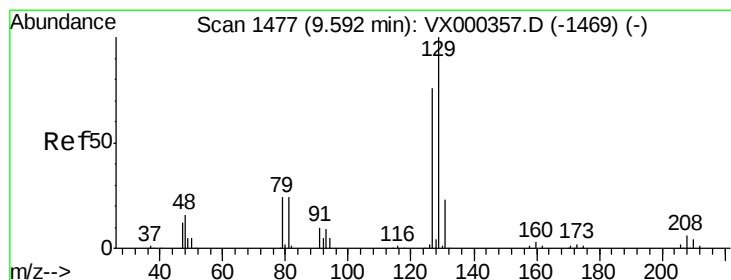
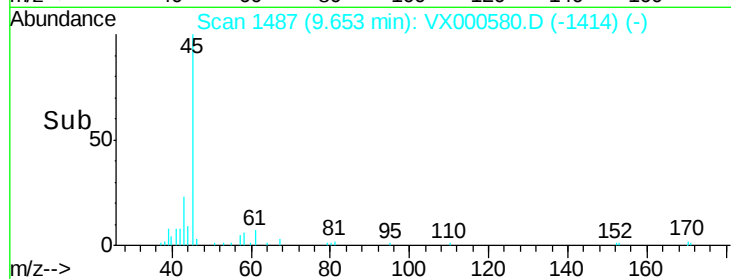
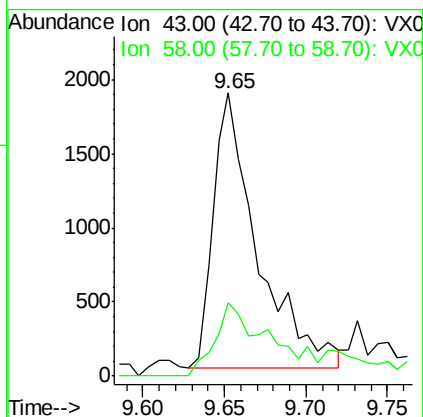
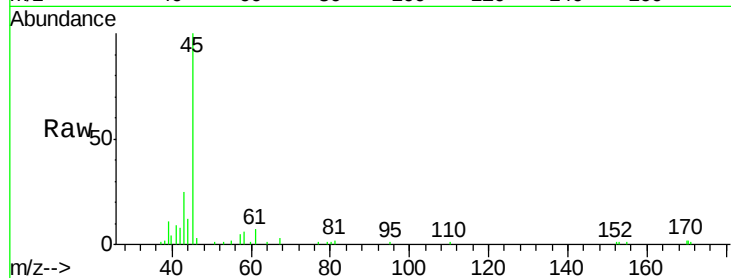




#59
2-Hexanone
Concen: 1.19 ug/l
RT: 9.65 min Scan# 1487
Delta R.T. 0.15 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

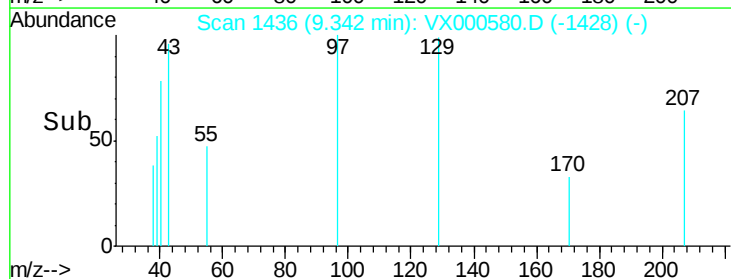
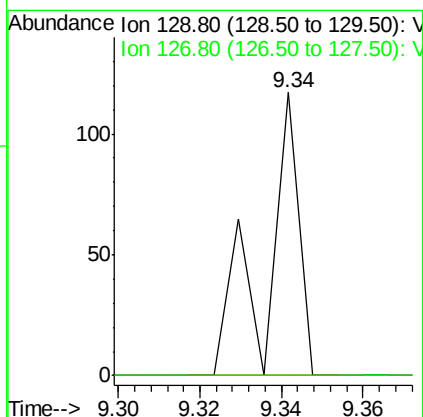
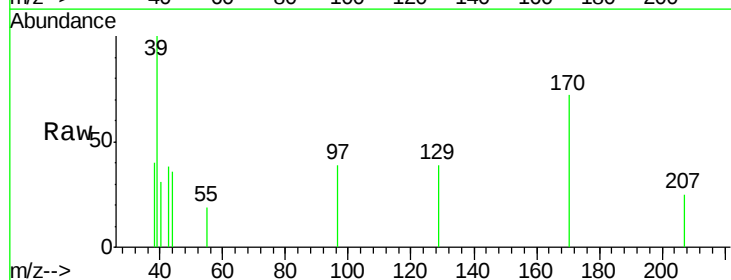
Instrument :
MSVOA_X
ClientSampleId :
MW-103(2-3)ME

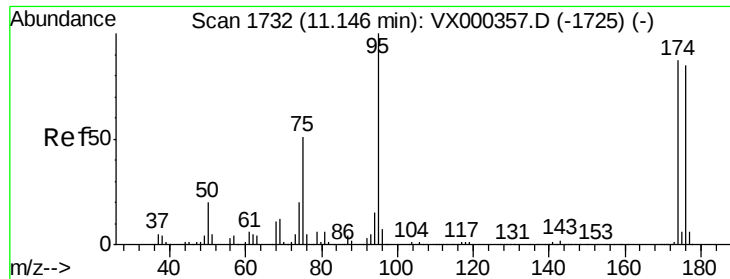
Tgt Ion: 43 Resp: 3510
Ion Ratio Lower Upper
43 100
58 29.8 26.6 79.7



#60
Dibromochloromethane
Concen: 4.14 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

Tgt Ion: 129 Resp: 67
Ion Ratio Lower Upper
129 100
127 0.0 37.9 113.6#

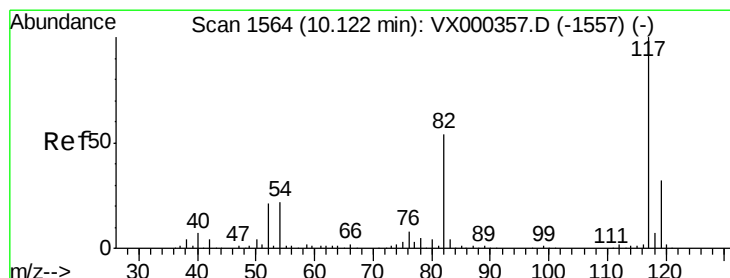
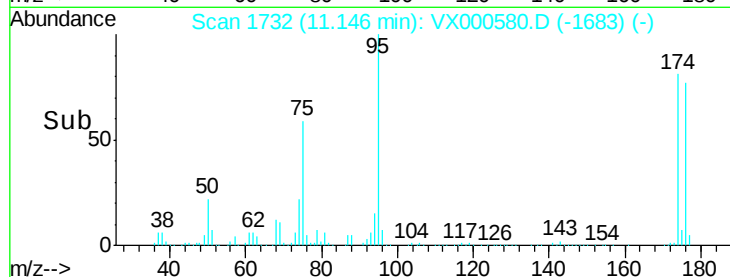
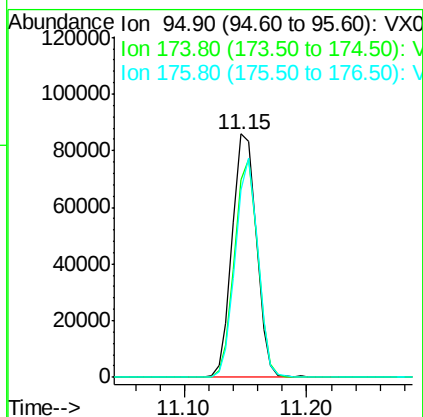
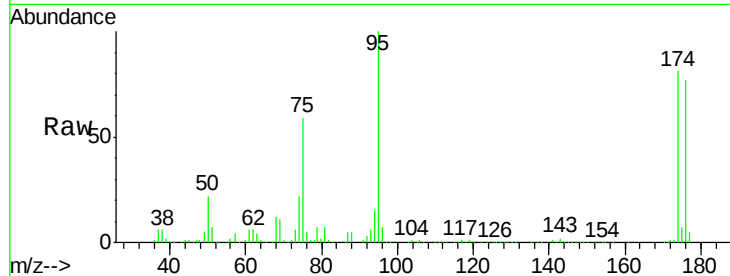




#62
4-Bromofluorobenzene
Concen: 45.88 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

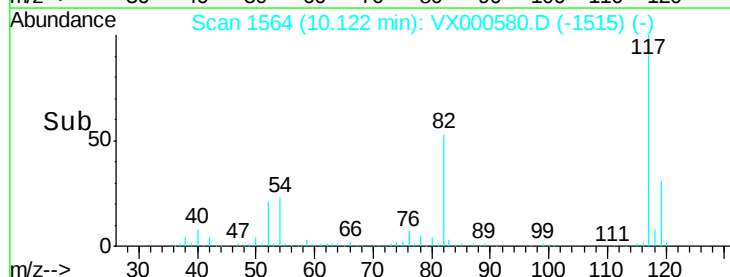
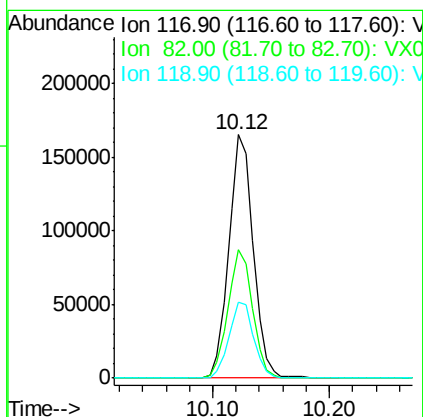
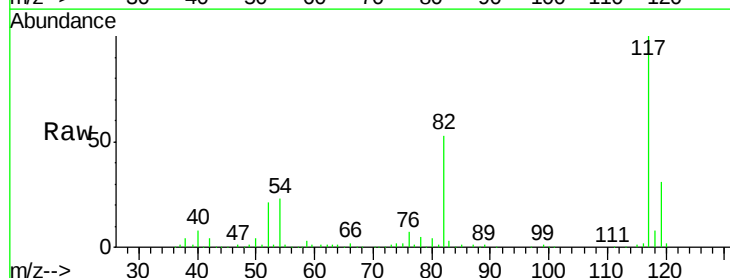
Instrument :
MSVOA_X
ClientSampleId :
MW-103(2-3)ME

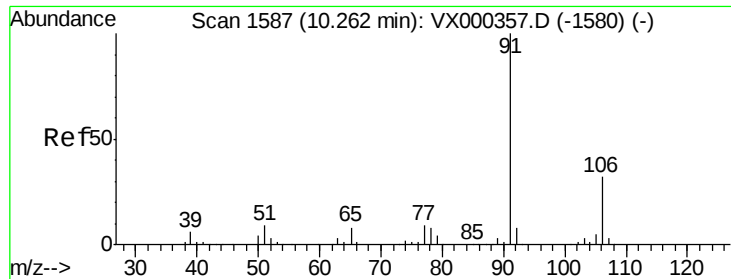
Tgt Ion: 95 Resp: 117466
Ion Ratio Lower Upper
95 100
174 86.0 0.0 173.6
176 83.8 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

Tgt Ion: 117 Resp: 241309
Ion Ratio Lower Upper
117 100
82 52.6 43.8 65.8
119 31.4 24.9 37.3

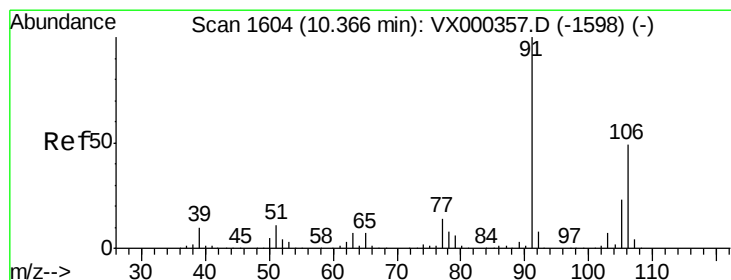
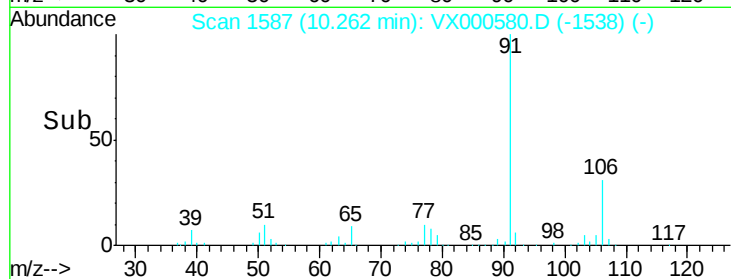
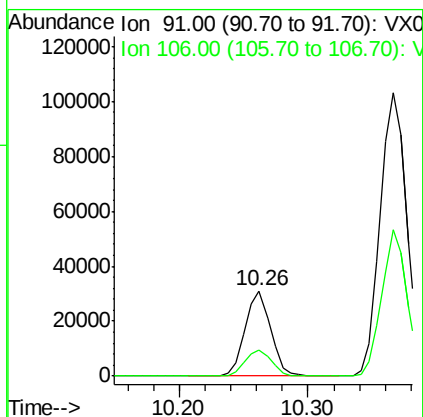
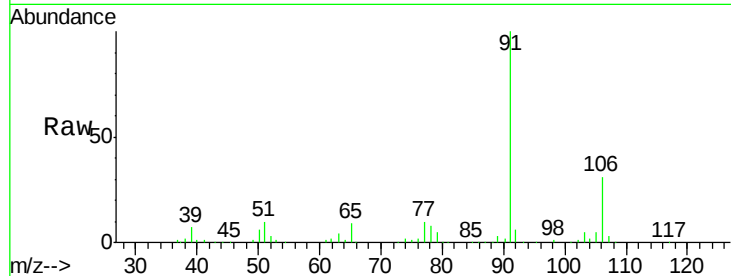




#67
Ethyl Benzene
Concen: 4.70 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

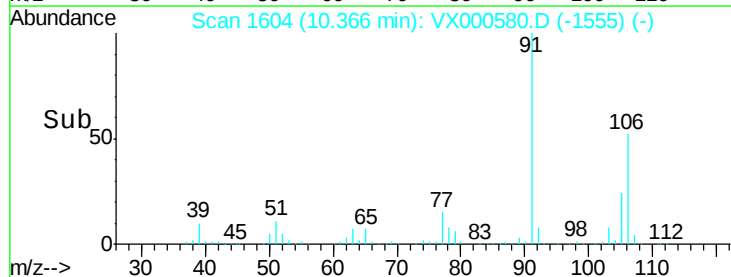
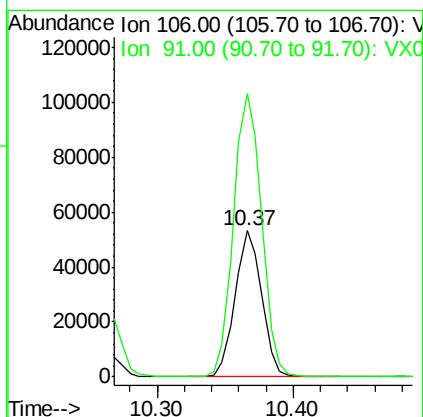
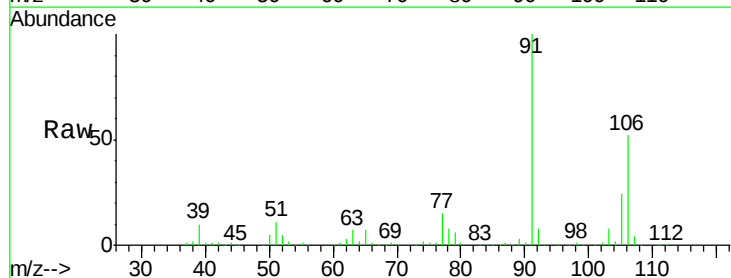
Instrument :
MSVOA_X
ClientSampleId :
MW-103(2-3)ME

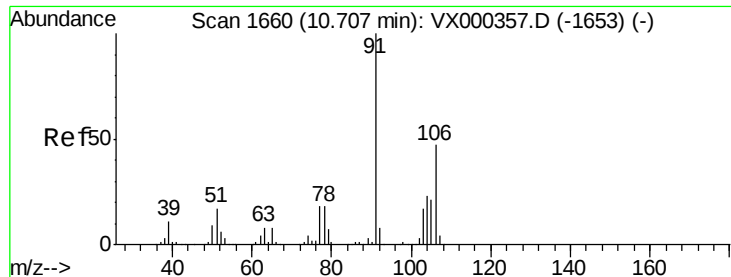
Tgt Ion: 91 Resp: 42794
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6



#68
m/p-Xylenes
Concen: 20.18 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

Tgt Ion: 106 Resp: 72306
Ion Ratio Lower Upper
106 100
91 204.8 163.4 245.2

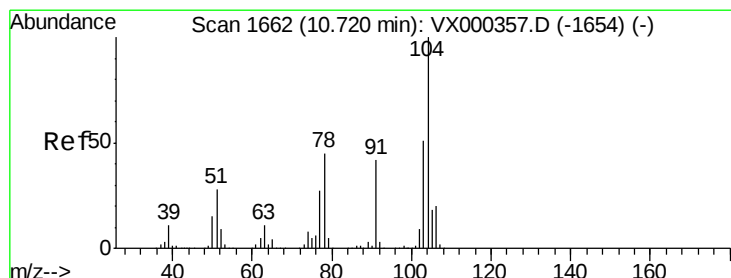
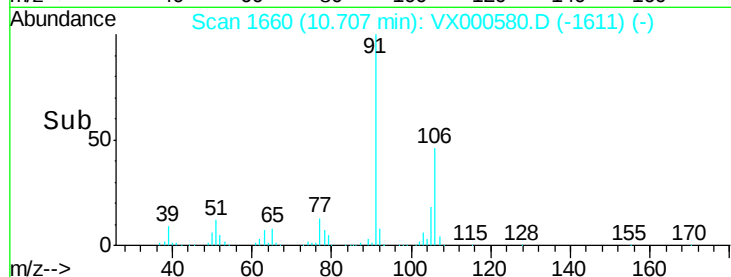
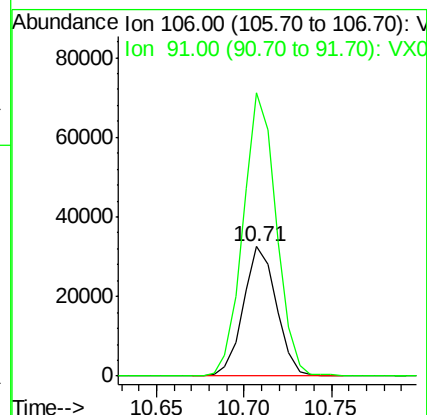
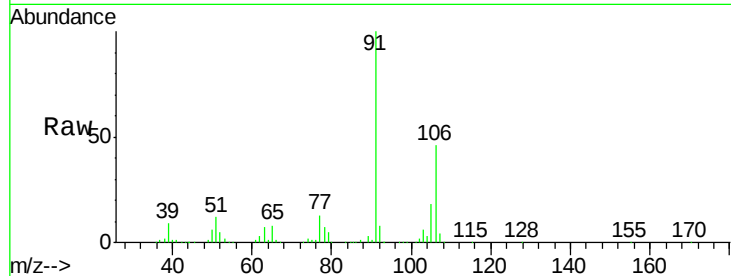




#69
o-Xylene
Concen: 12.38 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

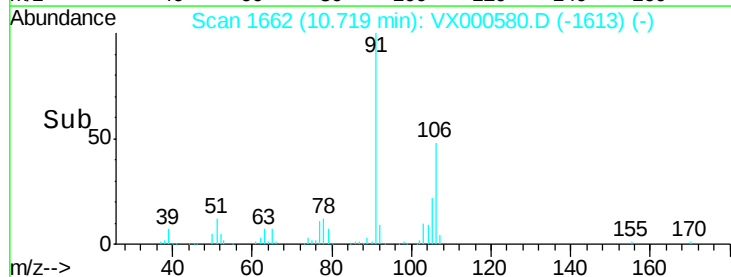
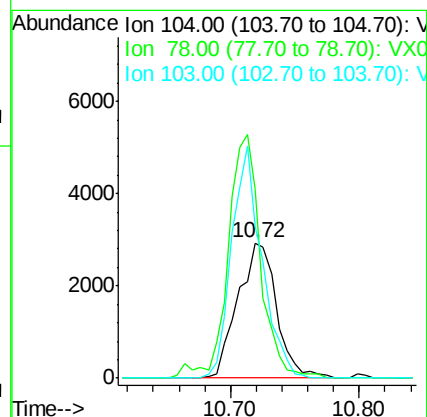
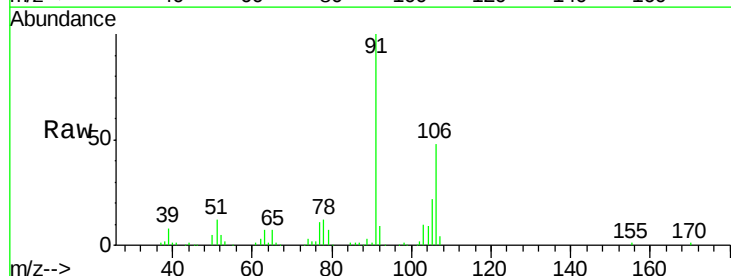
Instrument :
MSVOA_X
ClientSampleId :
MW-103(2-3)ME

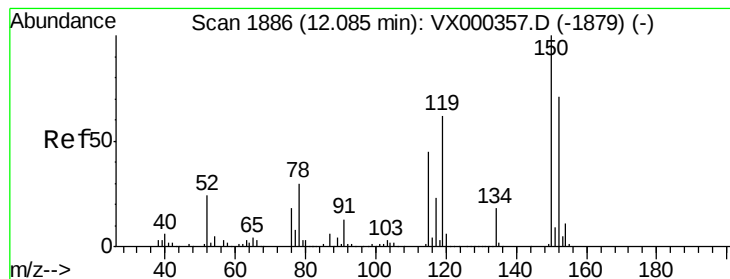
Tgt Ion:106 Resp: 42927
Ion Ratio Lower Upper
106 100
91 219.2 106.5 319.6



#70
Styrene
Concen: 1.06 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

Tgt Ion:104 Resp: 6096
Ion Ratio Lower Upper
104 100
78 153.4 40.5 60.7#
103 135.2 45.7 68.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX000580.D

Acq: 30 Mar 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

MW-103(2-3)ME

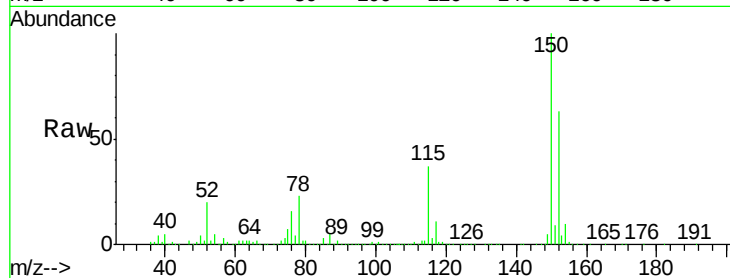
Tgt Ion:152 Resp: 143921

Ion Ratio Lower Upper

152 100

115 60.4 39.8 119.3

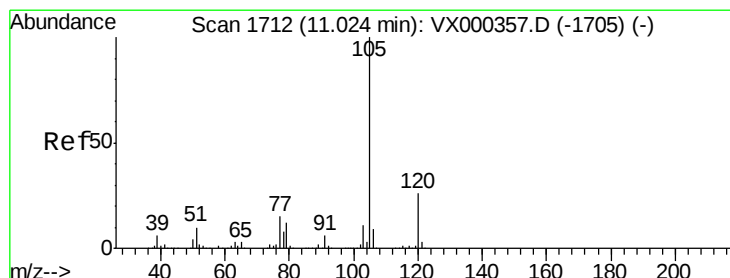
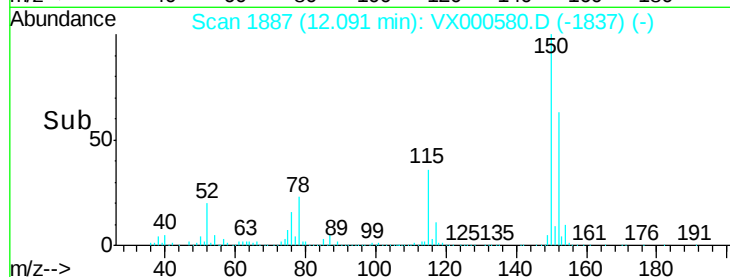
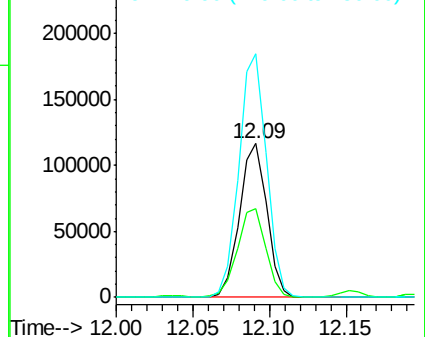
150 160.0 0.0 344.4



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: 1.13 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000580.D

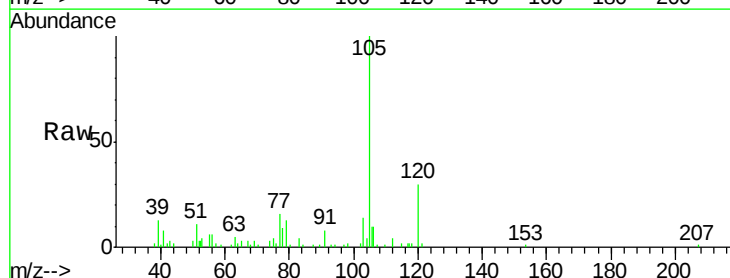
Acq: 30 Mar 2018 23:54

Tgt Ion:105 Resp: 10733

Ion Ratio Lower Upper

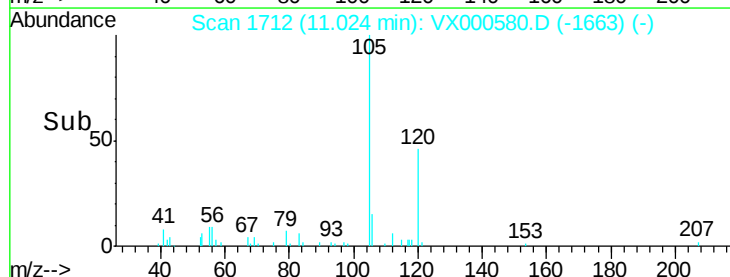
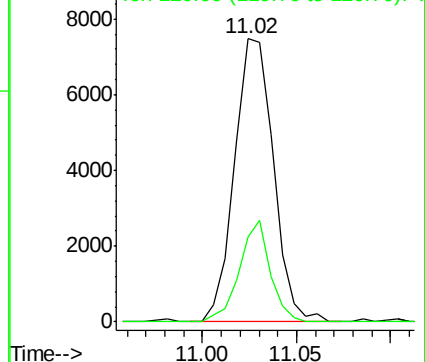
105 100

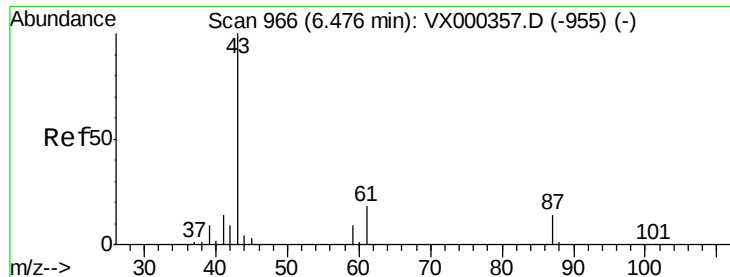
120 28.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 6.53 min Scan# 974

Delta R.T. 0.05 min

Lab File: VX000580.D

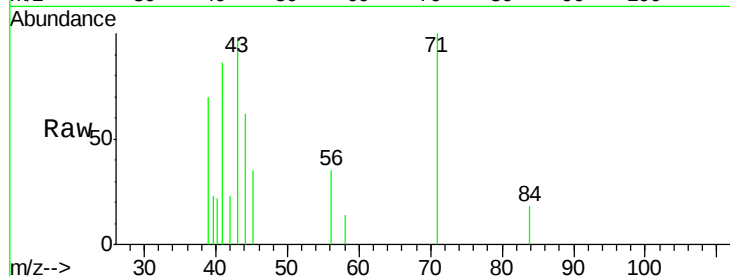
Acq: 30 Mar 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

MW-103(2-3)ME



Tgt Ion: 43 Resp: 1419

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 5.9 0.0 0.0#

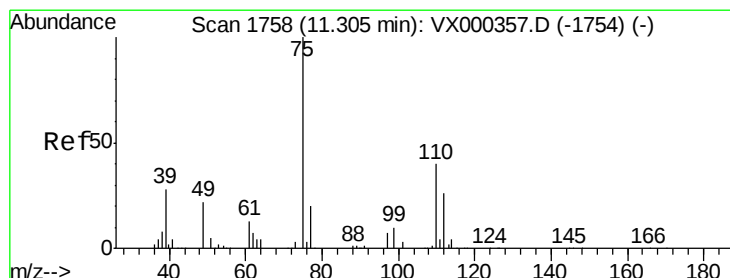
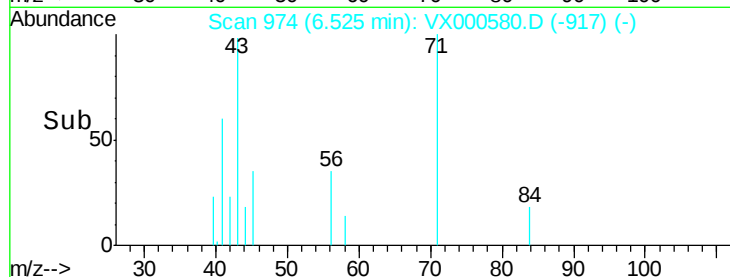
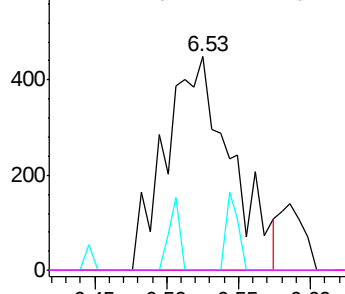
61 0.0 14.4 21.6#

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: 21.07 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000580.D

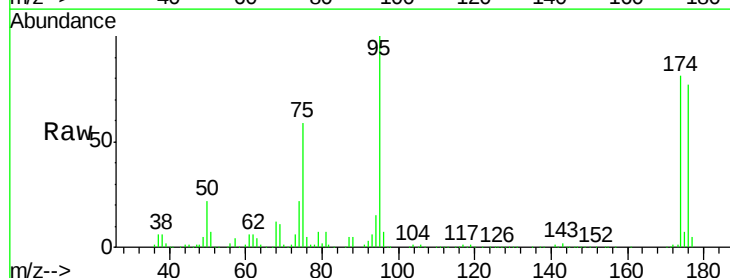
Acq: 30 Mar 2018 23:54

Tgt Ion: 75 Resp: 65178

Ion Ratio Lower Upper

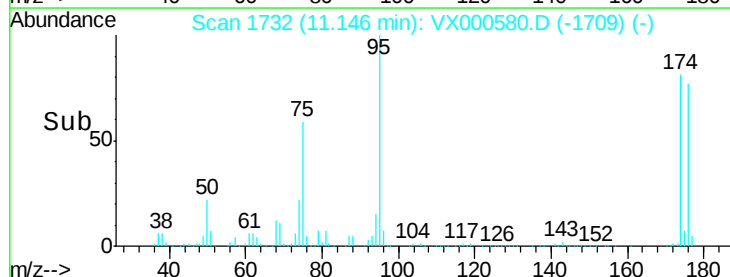
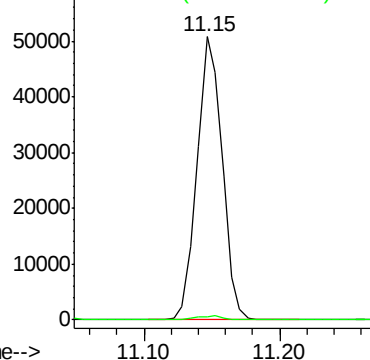
75 100

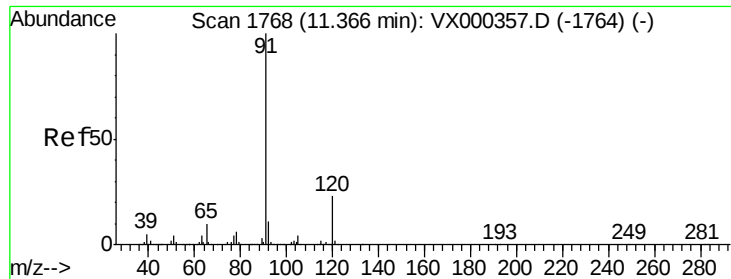
77 1.3 21.4 64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.25 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000580.D

Acq: 30 Mar 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

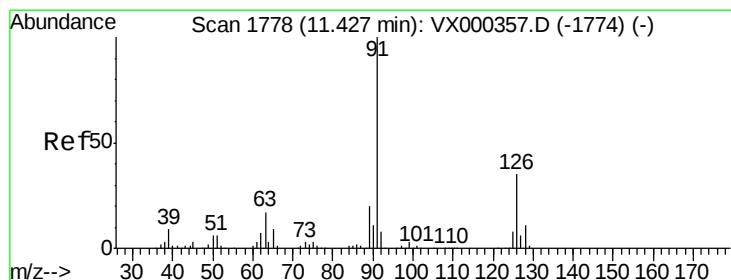
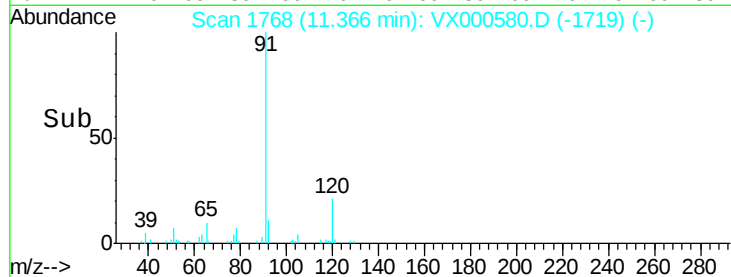
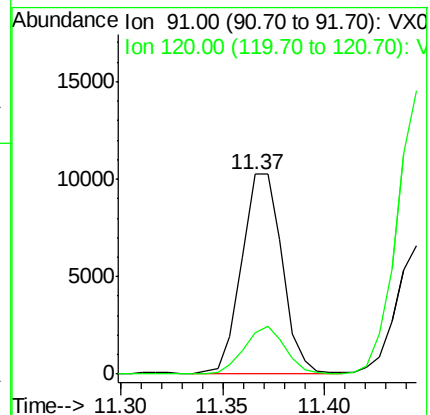
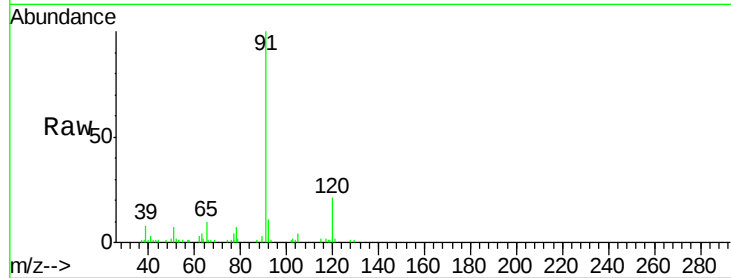
MW-103(2-3)ME

Tgt Ion: 91 Resp: 14205

Ion Ratio Lower Upper

91 100

120 24.2 11.8 35.3



#79

2-Chlorotoluene

Concen: 1.85 ug/l

RT: 11.44 min Scan# 1781

Delta R.T. 0.02 min

Lab File: VX000580.D

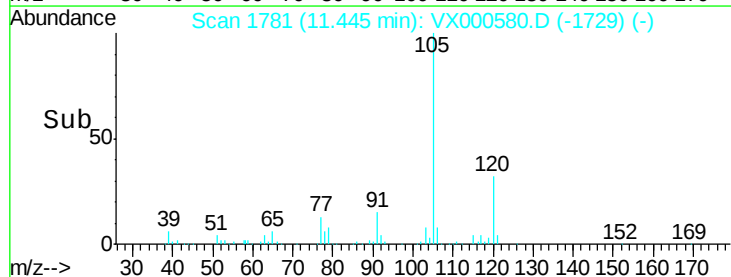
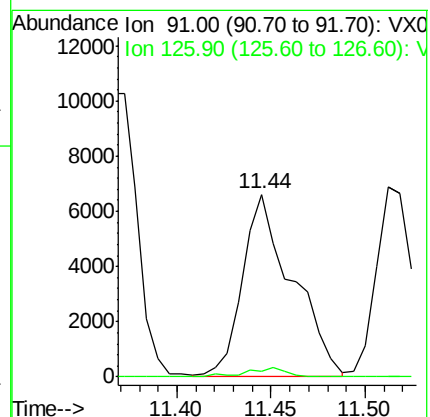
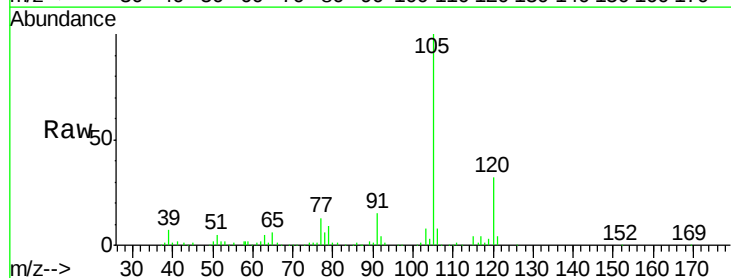
Acq: 30 Mar 2018 23:54

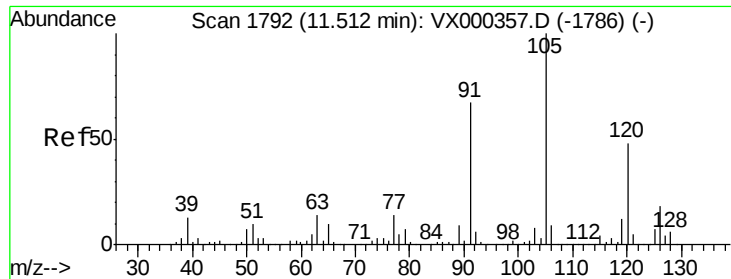
Tgt Ion: 91 Resp: 12150

Ion Ratio Lower Upper

91 100

126 4.1 17.7 53.1#

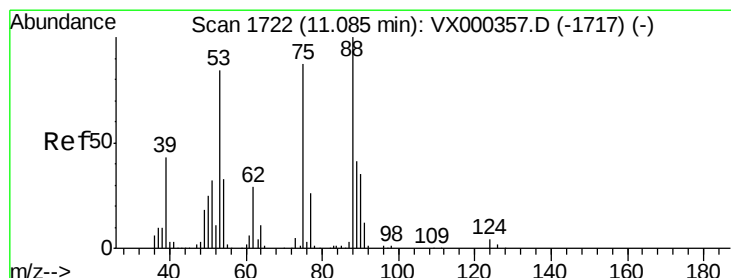
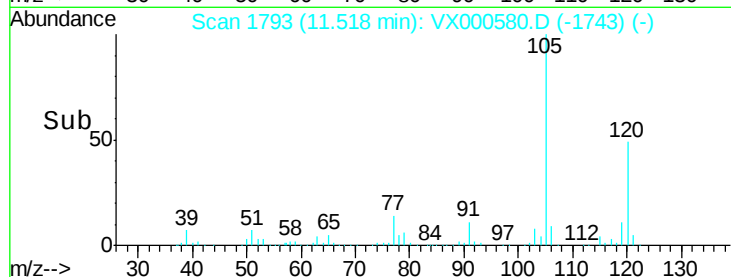
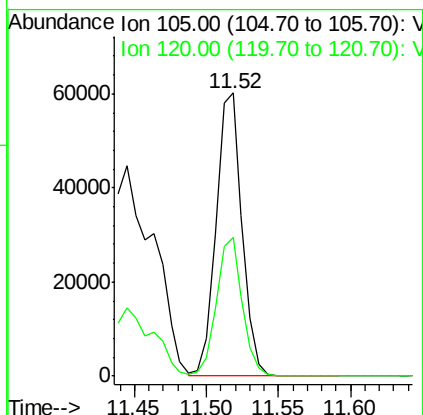
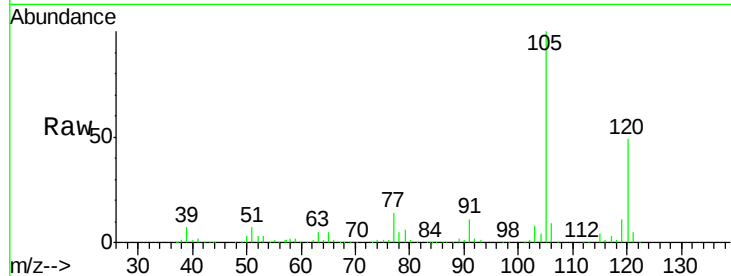




#80
 1,3,5-Trimethylbenzene
 Concen: 9.47 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: VX000580.D
 Acq: 30 Mar 2018 23:54

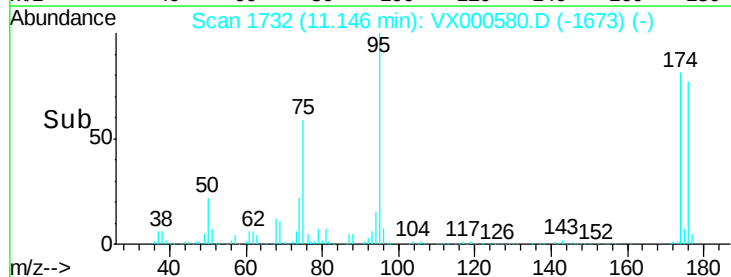
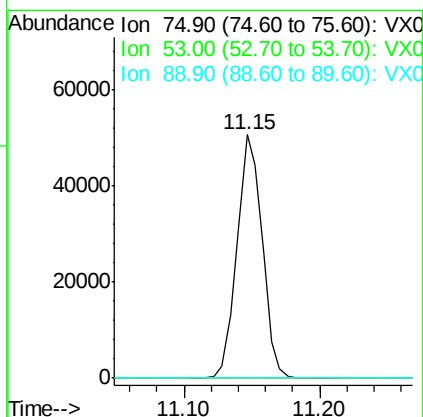
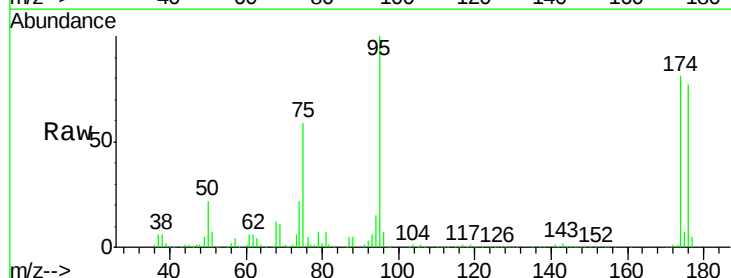
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103(2-3)ME

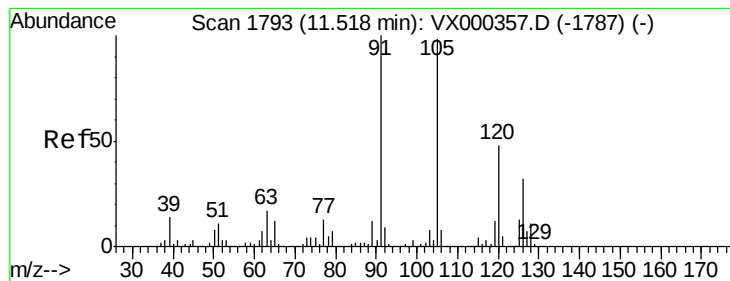
Tgt Ion: 105 Resp: 75960
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.22 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000580.D
 Acq: 30 Mar 2018 23:54

Tgt Ion: 75 Resp: 65178
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.7 121.1#
 89 0.1 39.4 59.0#





#82

4-Chlorotoluene

Concen: 1.16 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000580.D

Acq: 30 Mar 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

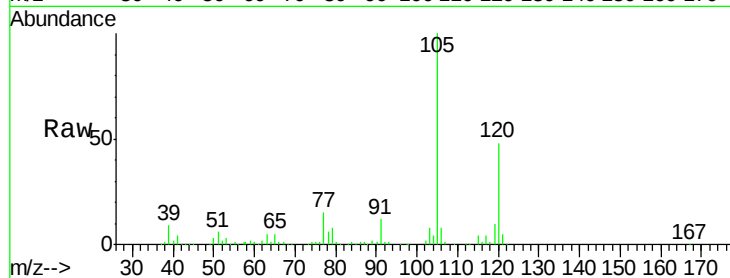
MW-103(2-3)ME

Tgt Ion: 91 Resp: 9061

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.1#



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1787) (-)

Ion 125.90 (125.60 to 126.60): VX000357.D (-1787) (-)

11.51

6000

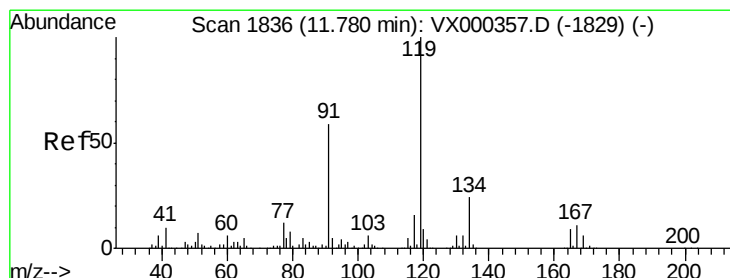
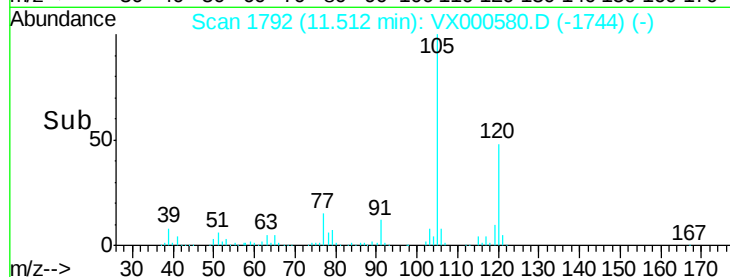
4000

2000

0

11.50 11.55

Time-->



#83

tert-Butylbenzene

Concen: 2.59 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.04 min

Lab File: VX000580.D

Acq: 30 Mar 2018 23:54

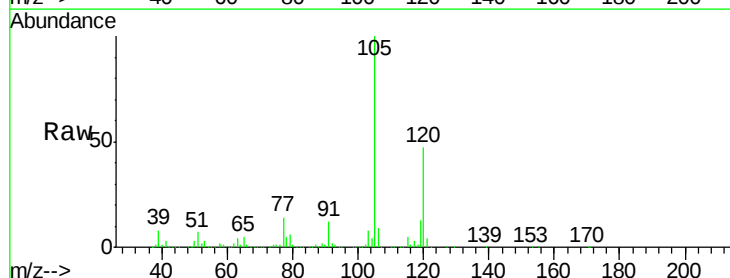
Tgt Ion: 119 Resp: 20943

Ion Ratio Lower Upper

119 100

91 91.8 28.8 86.4#

134 0.0 11.4 34.1#



Abundance Ion 119.00 (118.70 to 119.70): VX000357.D (-1829) (-)

Ion 91.00 (90.70 to 91.70): VX000357.D (-1829) (-)

Ion 134.00 (133.70 to 134.70): VX000357.D (-1829) (-)

11.82

25000

20000

15000

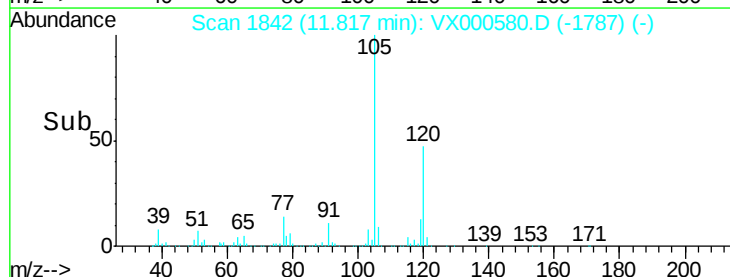
10000

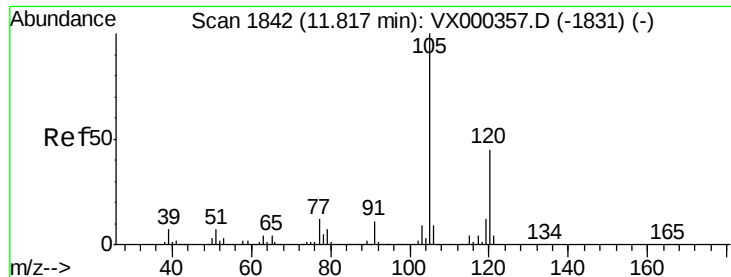
5000

0

11.75 11.80 11.85

Time-->

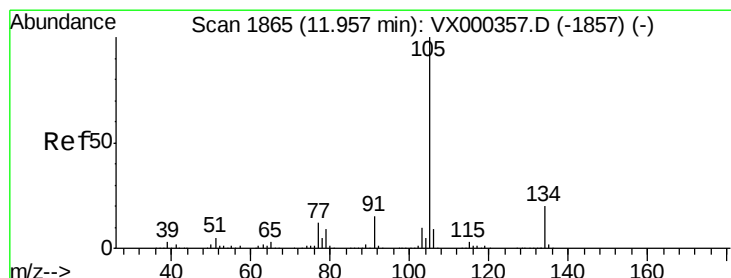
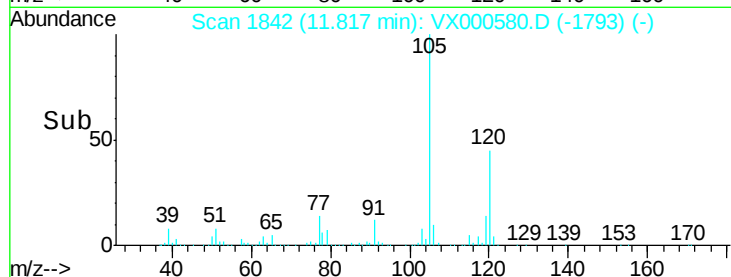
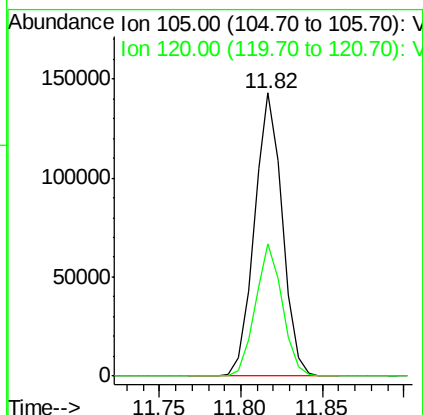
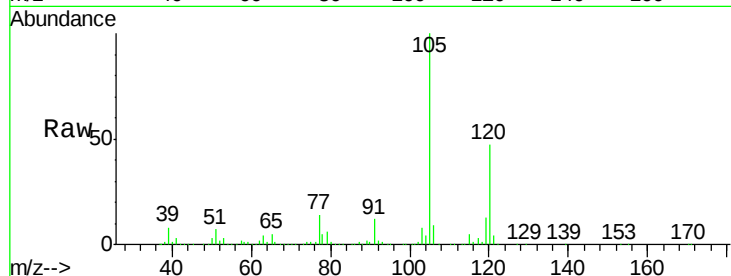




#84
 1,2,4-Trimethylbenzene
 Concen: 20.12 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000580.D
 Acq: 30 Mar 2018 23:54

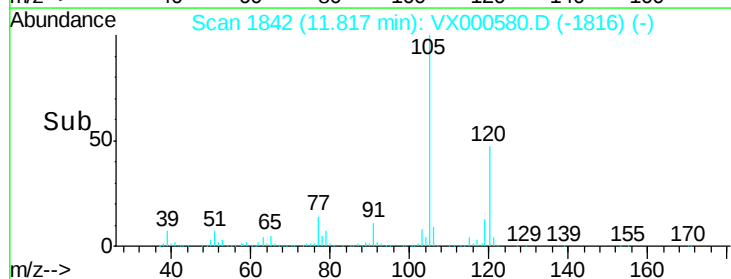
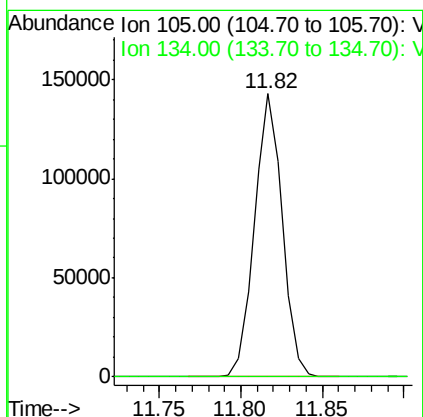
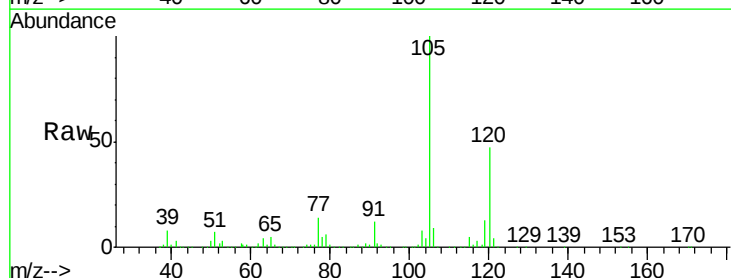
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103(2-3)ME

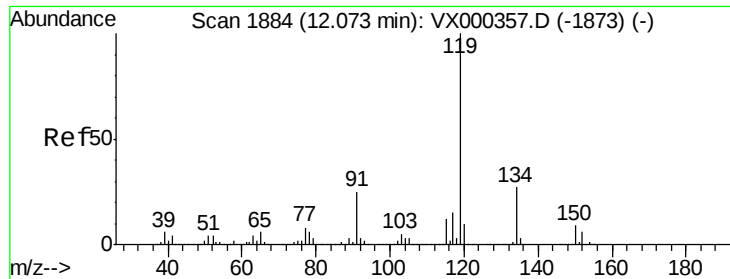
Tgt Ion:105 Resp: 169131
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 16.90 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.14 min
 Lab File: VX000580.D
 Acq: 30 Mar 2018 23:54

Tgt Ion:105 Resp: 169131
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#

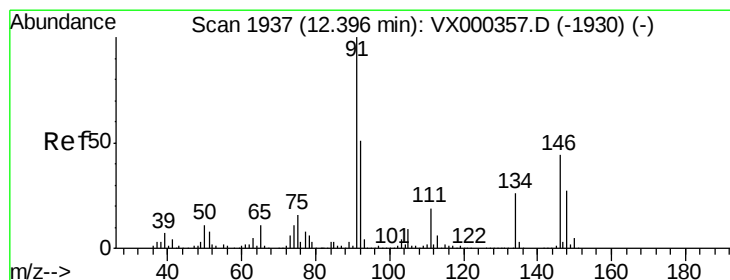
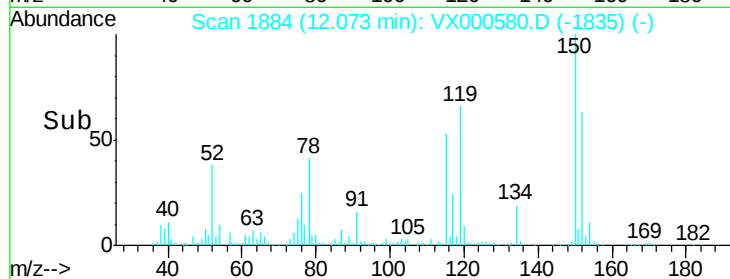
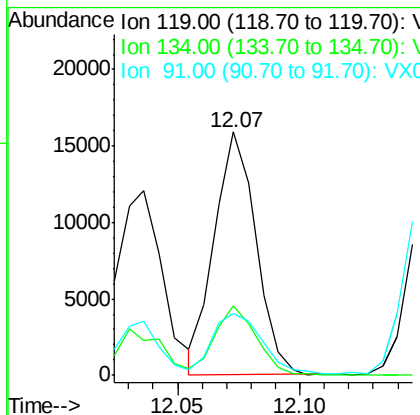
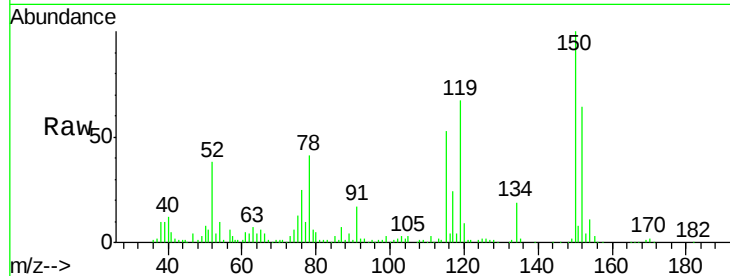




#86
p-Isopropyltoluene
Concen: 2.11 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

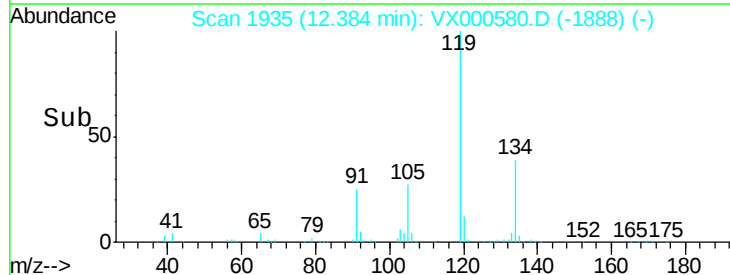
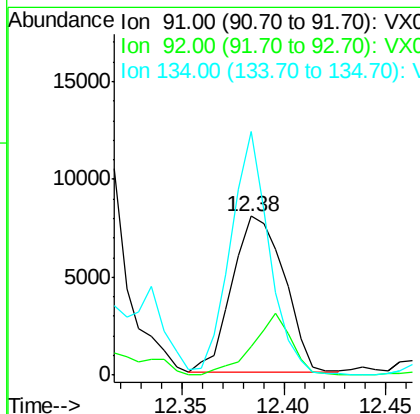
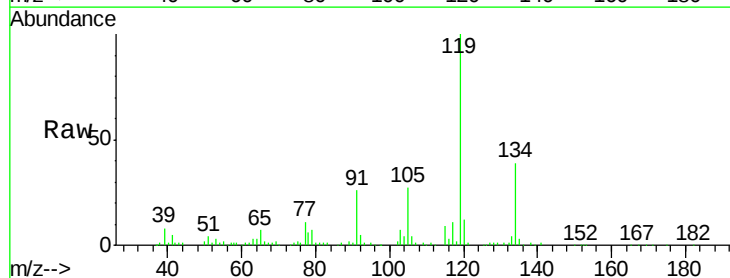
Instrument :
MSVOA_X
ClientSampleId :
MW-103(2-3)ME

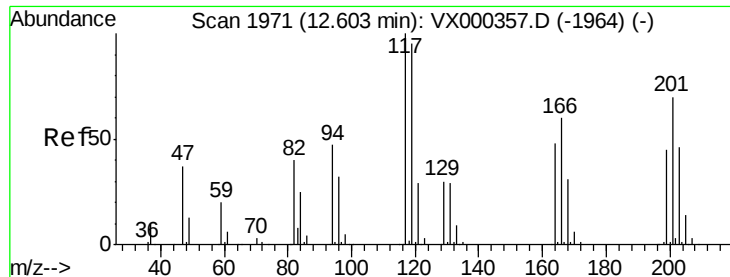
Tgt Ion: 119 Resp: 18729
Ion Ratio Lower Upper
119 100
134 28.9 13.3 39.9
91 30.1 12.0 36.1



#89
n-Butylbenzene
Concen: 1.71 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX000580.D
Acq: 30 Mar 2018 23:54

Tgt Ion: 91 Resp: 14152
Ion Ratio Lower Upper
91 100
92 29.9 25.9 77.8
134 115.9 13.1 39.3#





#90

Hexachloroethane

Concen: 1.99 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX000580.D

Acq: 30 Mar 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

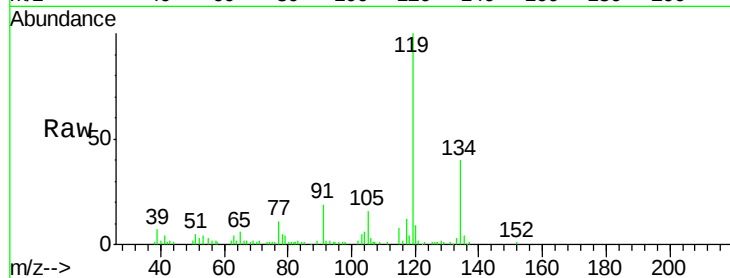
MW-103(2-3)ME

Tgt Ion:117 Resp: 2788

Ion Ratio Lower Upper

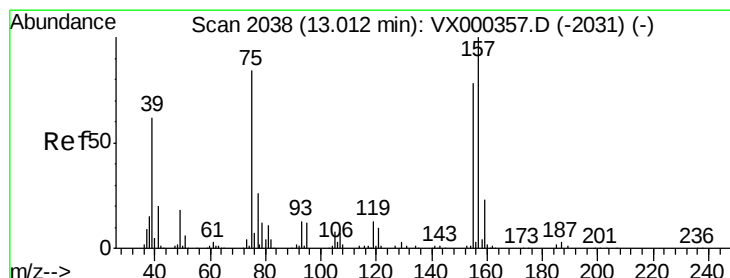
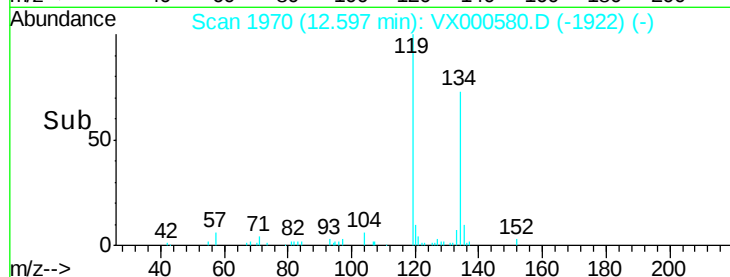
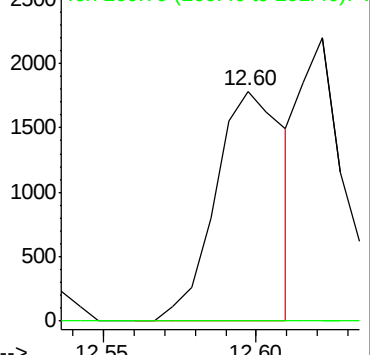
117 100

201 0.0 37.9 113.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.05 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.01 min

Lab File: VX000580.D

Acq: 30 Mar 2018 23:54

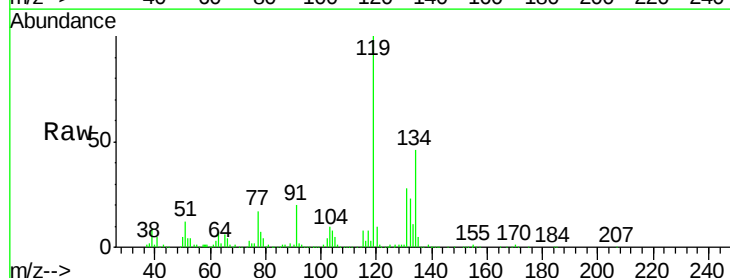
Tgt Ion: 75 Resp: 3805

Ion Ratio Lower Upper

75 100

155 0.0 45.0 134.8#

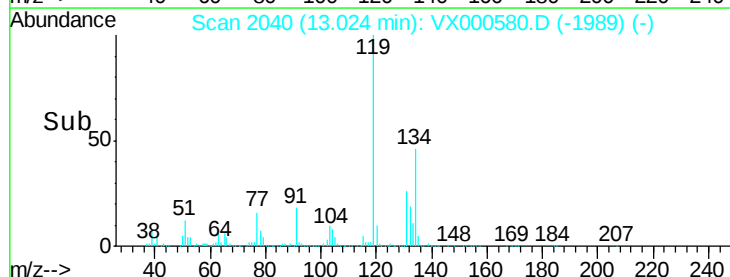
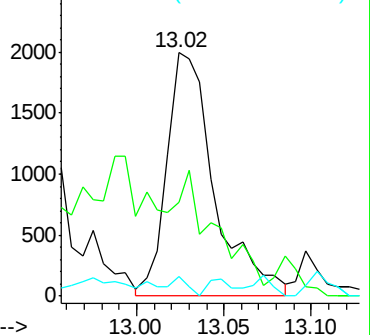
157 0.0 58.1 174.2#

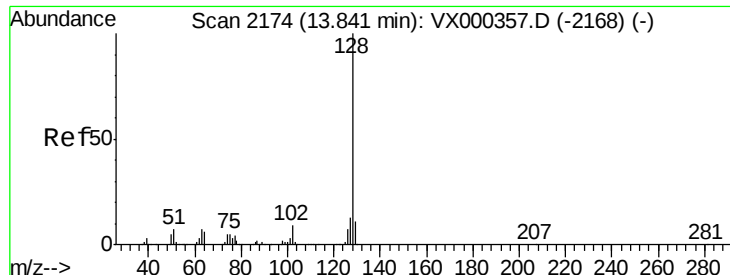


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 1529.81 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000580.D

Acq: 30 Mar 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

MW-103(2-3)ME

Tgt Ion:128 Resp:17990048

Ion Ratio Lower Upper

128 100

127 32.2 10.6 15.8#

129 29.0 8.9 13.3#

