

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092718\
 Data File : VW005708.D
 Acq On : 27 Sep 2018 18:44
 Operator : VA/AP
 Sample : J5118-01RE
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063RE

Quant Time: Sep 28 01:23:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	6071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	8126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	6484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	1744	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	2698	37.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.44%	
35) Dibromofluoromethane	7.89	113	2658	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.33	98	9787	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
62) 4-Bromofluorobenzene	12.62	95	3051	39.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.26%	

Target Compounds					Qvalue	
16) Acetone	4.13	43	158	4.797	ug/l #	48
20) Methylene Chloride	4.90	84	41	Below Cal	#	7
25) 2-Butanone	7.02	43	22	1.266	ug/l #	50
36) 1,1-Dichloropropene	7.96	75	512	6.259	ug/l #	42
38) Carbon Tetrachloride	7.96	117	699	7.974	ug/l #	12
41) Methacrylonitrile	7.27	41	21	1.072	ug/l #	24
48) Methyl methacrylate	9.43	41	39	1.213	ug/l #	26
51) 4-Methyl-2-Pentanone	10.23	43	279	8.185	ug/l #	37
55) 1,1,2-Trichloroethane	10.81	97	179	4.426	ug/l #	16
56) Ethyl methacrylate	10.65	69	173	3.465	ug/l #	56
59) 2-Hexanone	10.99	43	67	2.893	ug/l #	27
60) Dibromochloromethane	11.20	129	206	4.216	ug/l	63
61) 1,2-Dibromoethane	11.32	107	53	1.406	ug/l #	1
65) Chlorobenzene	11.66	112	185	1.344	ug/l #	46
69) o-Xylene	12.08	106	108	1.249	ug/l	33
71) Bromoform	12.34	173	104	3.955	ug/l #	15
74) N-amyl acetate	12.28	43	45	1.643	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.74	83	401	19.961	ug/l #	58
76) 1,2,3-Trichloropropane	12.88	75	194	13.050	ug/l #	100
77) Bromobenzene	12.94	156	23281	821.304	ug/l #	1
78) n-propylbenzene	12.84	91	223	1.523	ug/l	85
79) 2-Chlorotoluene	12.93	91	214	2.526	ug/l	83
80) 1,3,5-Trimethylbenzene	12.95	105	526	5.002	ug/l	84
81) trans-1,4-Dichloro-2-buten	12.62	75	1446	219.073	ug/l #	7
82) 4-Chlorotoluene	13.04	91	318	3.553	ug/l	95
83) tert-Butylbenzene	13.22	119	536	6.067	ug/l #	48
84) 1,2,4-Trimethylbenzene	13.25	105	798	7.519	ug/l	78
85) sec-Butylbenzene	13.38	105	149	1.163	ug/l	88
88) 1,4-Dichlorobenzene	13.57	146	365	6.332	ug/l #	61
89) n-Butylbenzene	13.83	91	441	4.071	ug/l #	78
90) Hexachloroethane	14.10	117	119	5.717	ug/l #	7
91) 1,2-Dichlorobenzene	13.85	146	62	1.212	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.38	75	19	4.964	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.17	180	47	1.288	ug/l #	1

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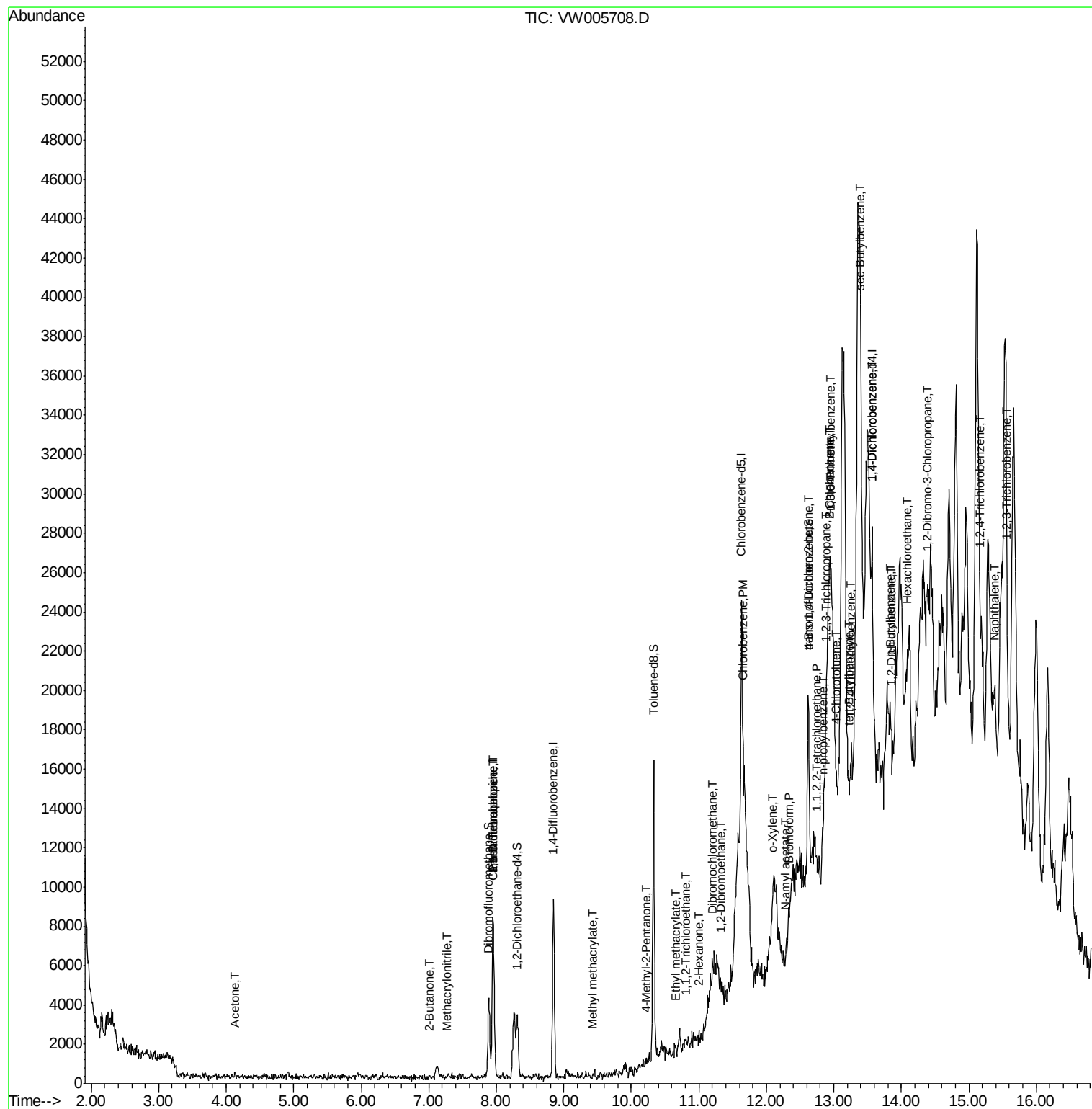
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	145	2.362	ug/l #	39
96) 1,2,3-Trichlorobenzene	15.57	180	48	1.492	ug/l #	13

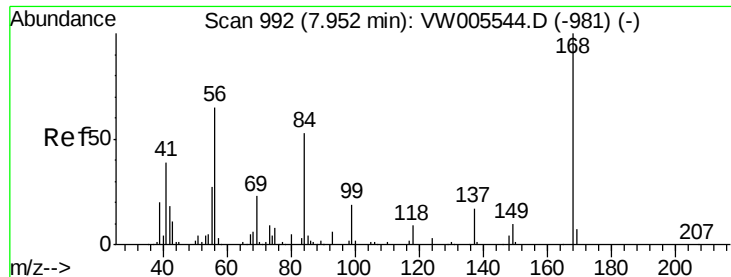
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

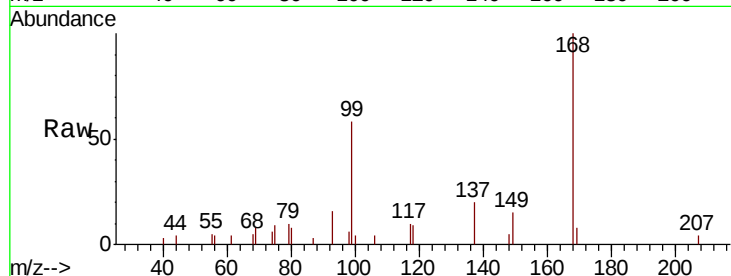
RA-092518-USTEXC-NW-L-063RE

Tgt Ion: 168 Resp: 6071

Ion Ratio Lower Upper

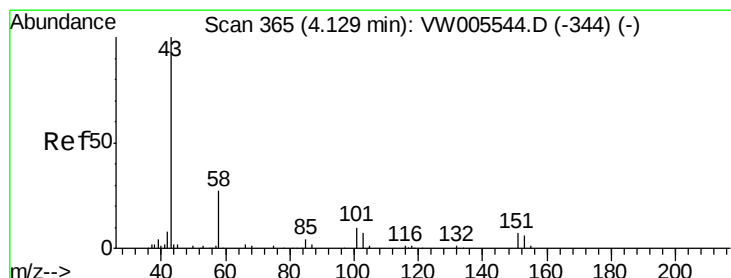
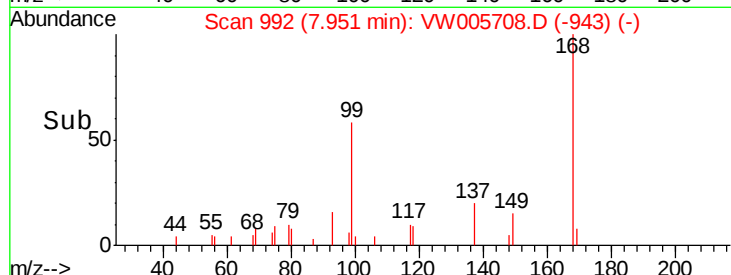
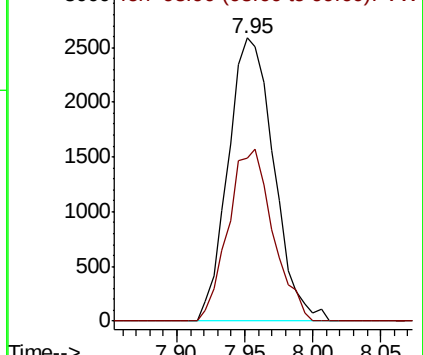
168 100

99 57.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 4.797 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005708.D

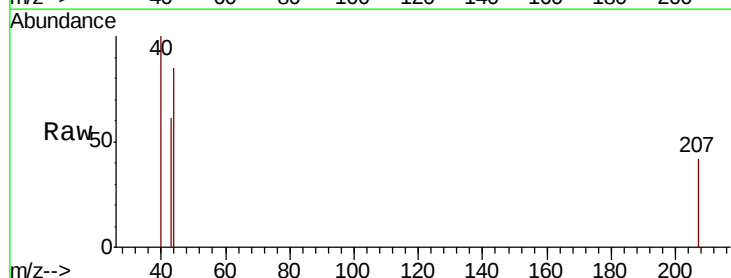
Acq: 27 Sep 2018 18:44

Tgt Ion: 43 Resp: 158

Ion Ratio Lower Upper

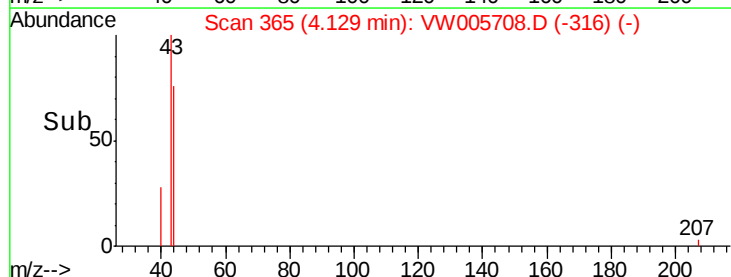
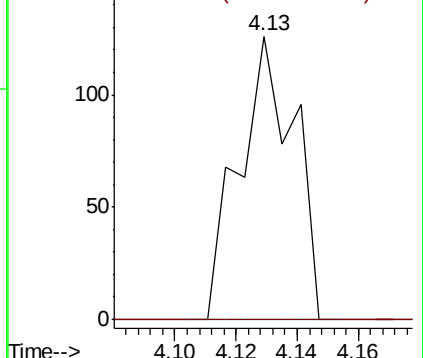
43 100

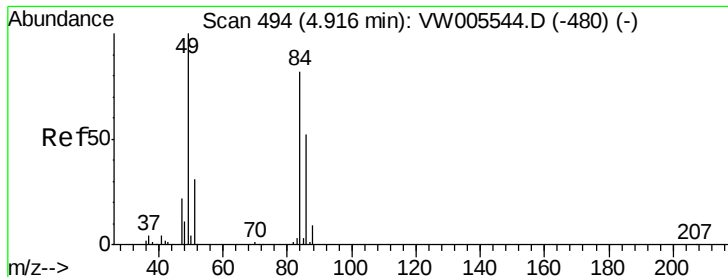
58 0.0 21.8 32.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

RA-092518-USTEXC-NW-L-063RE

Tgt Ion: 84 Resp: 41

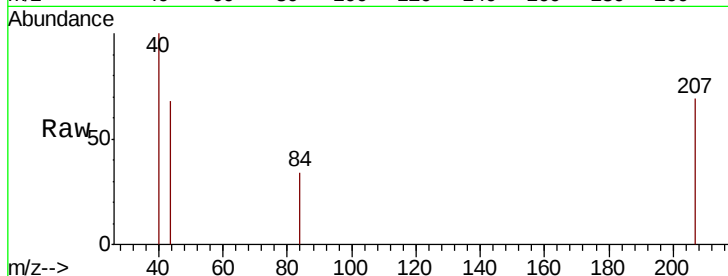
Ion Ratio Lower Upper

84 100

49 0.0 97.0 145.6#

51 0.0 30.2 45.2#

86 0.0 50.2 75.4#

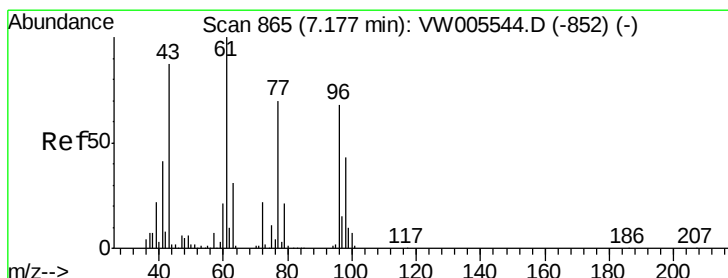
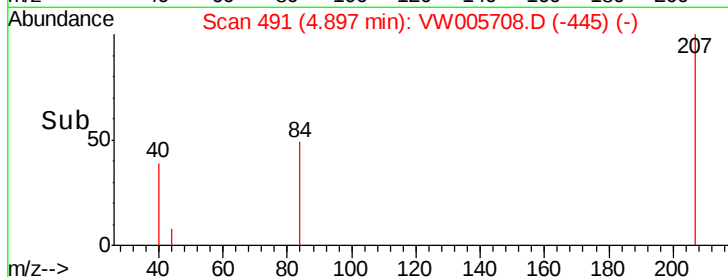
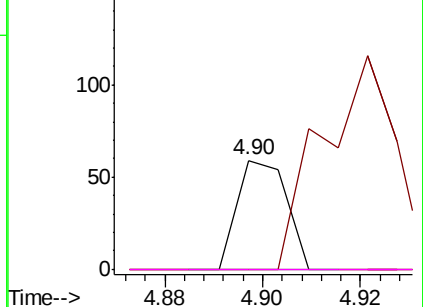


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 1.266 ug/l

RT: 7.02 min Scan# 839

Delta R.T. -0.16 min

Lab File: VW005708.D

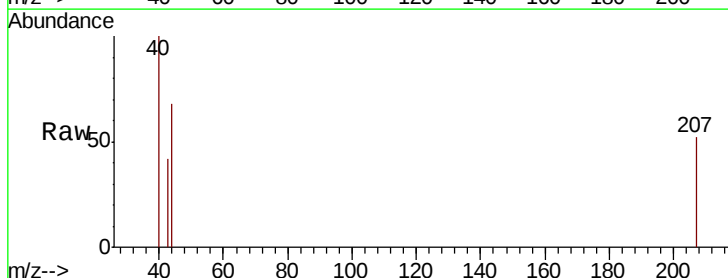
Acq: 27 Sep 2018 18:44

Tgt Ion: 43 Resp: 22

Ion Ratio Lower Upper

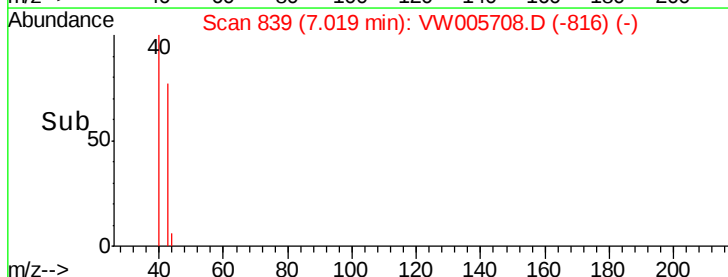
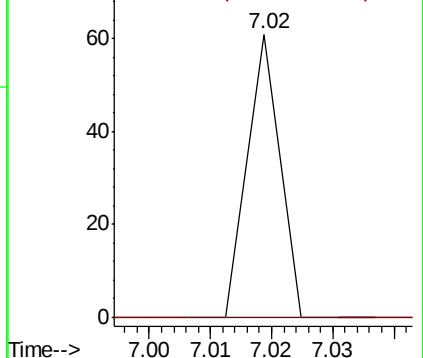
43 100

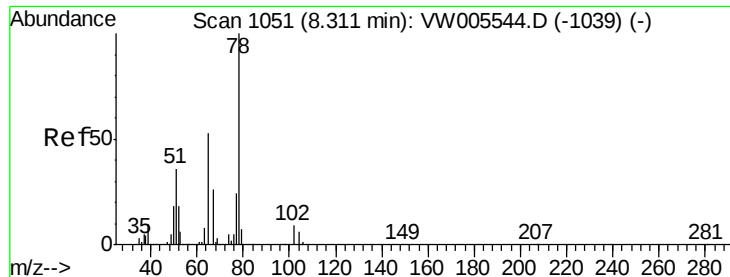
72 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

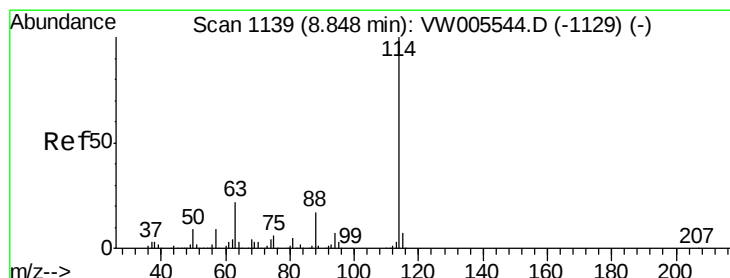
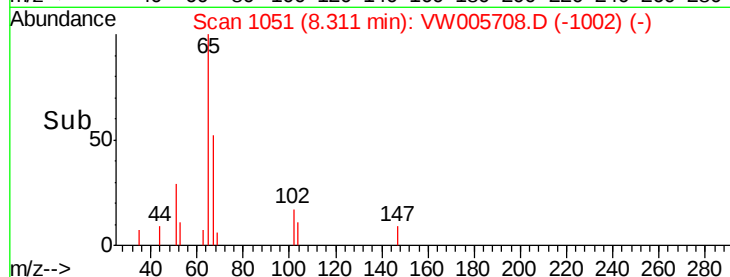
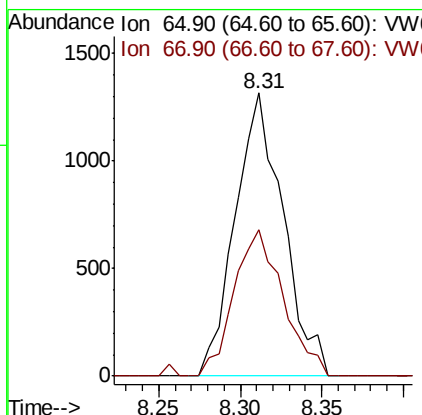
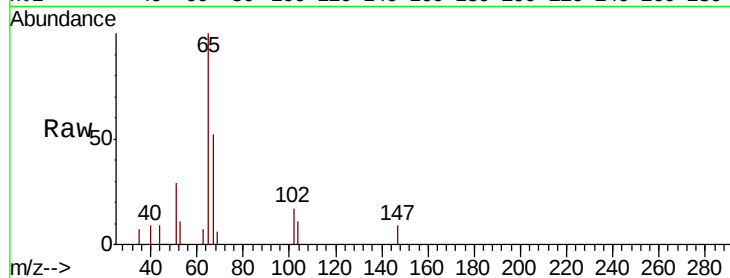




#33
 1,2-Dichloroethane-d4
 Concen: 37.723 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005708.D
 Acq: 27 Sep 2018 18:44

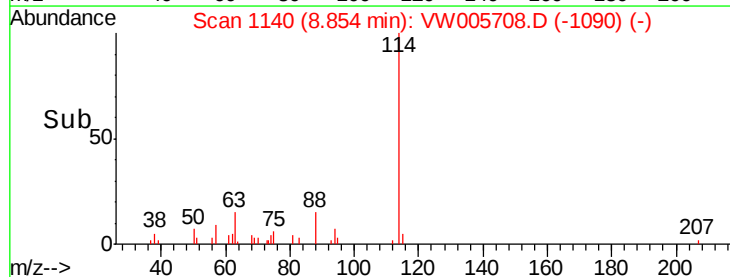
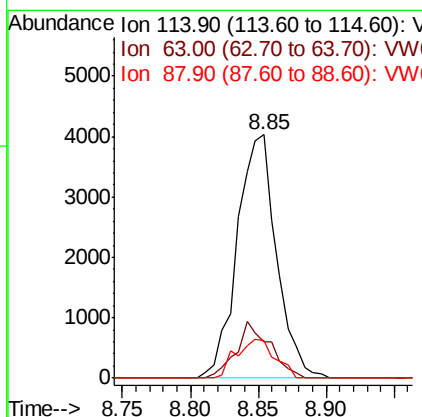
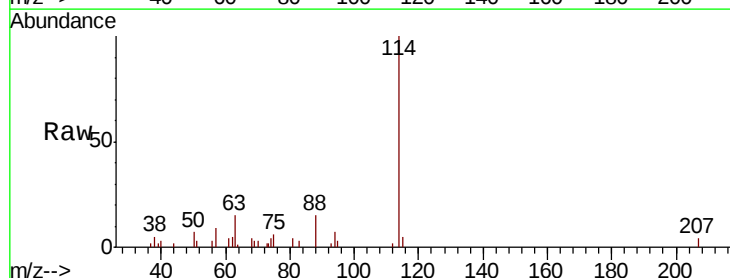
Instrument :
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 RA-092518-USTEXC-NW-L-063RE

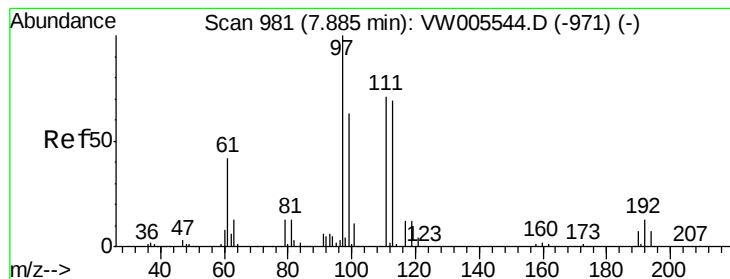
Tgt Ion: 65 Resp: 2698
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005708.D
 Acq: 27 Sep 2018 18:44

Tgt Ion: 114 Resp: 8126
 Ion Ratio Lower Upper
 114 100
 63 14.7 0.0 43.0
 88 15.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.014 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

RA-092518-USTEXC-NW-L-063RE

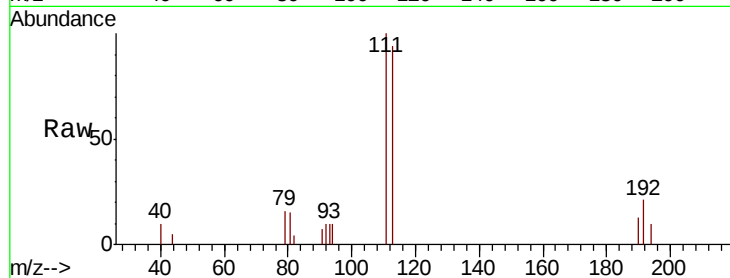
Tgt Ion:113 Resp: 2658

Ion Ratio Lower Upper

113 100

111 107.8 82.6 123.8

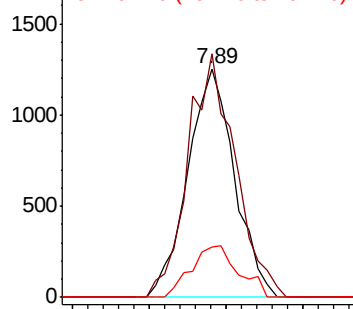
192 22.8 17.0 25.4



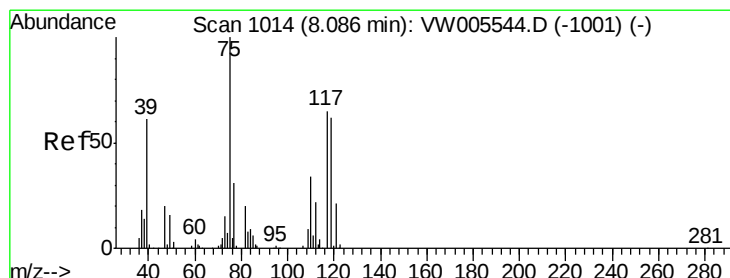
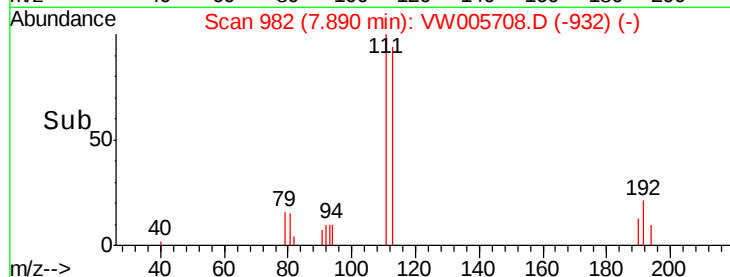
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#36

1,1-Dichloropropene

Concen: 6.259 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.13 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

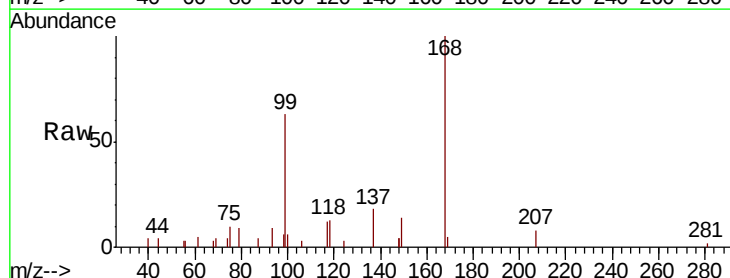
Tgt Ion: 75 Resp: 512

Ion Ratio Lower Upper

75 100

110 0.0 17.0 50.9#

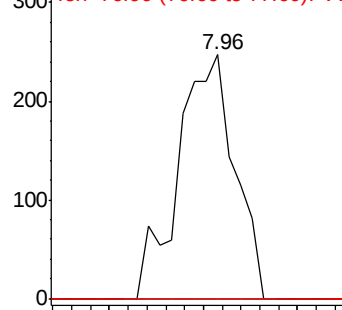
77 0.0 24.8 37.2#



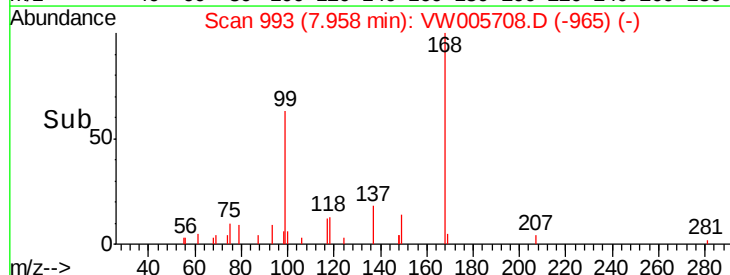
Abundance Ion 74.90 (74.60 to 75.60): VW

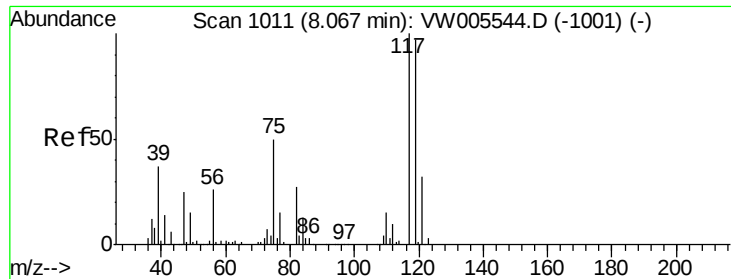
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



Time-->

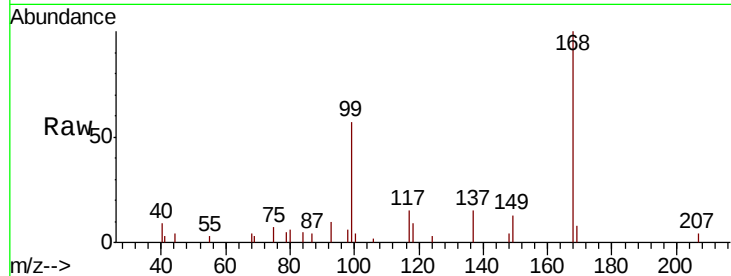




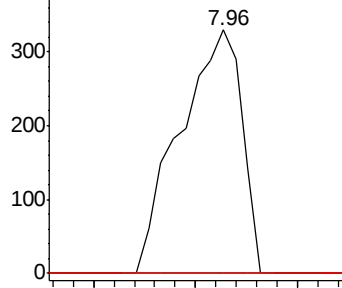
#38
Carbon Tetrachloride
Concen: 7.974 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.10 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

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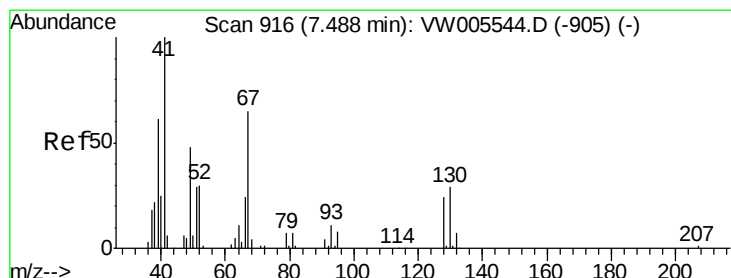
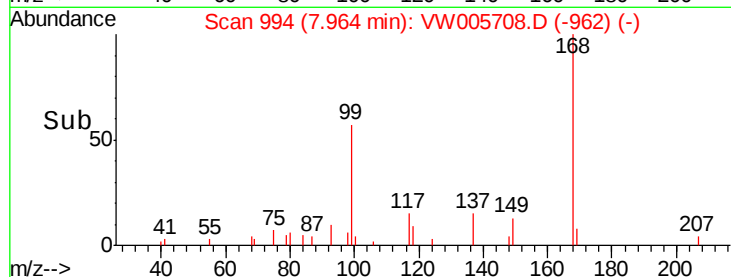
Tgt Ion: 117 Resp: 699
Ion Ratio Lower Upper
117 100
119 0.0 77.6 116.4#
121 0.0 25.7 38.5#



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

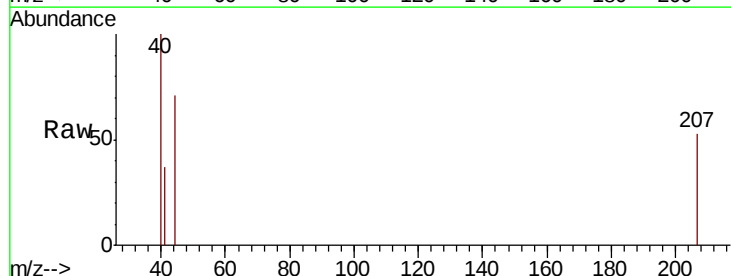


Time-->

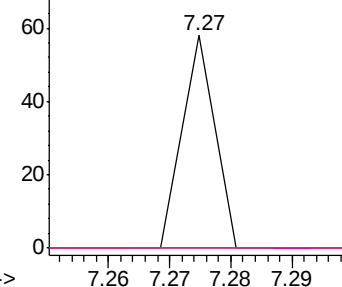


#41
Methacrylonitrile
Concen: 1.072 ug/l
RT: 7.27 min Scan# 881
Delta R.T. -0.21 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

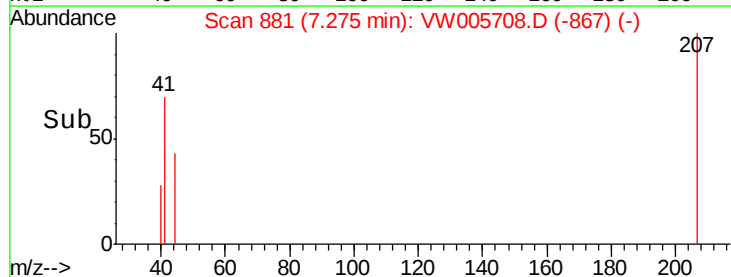
Tgt Ion: 41 Resp: 21
Ion Ratio Lower Upper
41 100
39 0.0 45.4 68.2#
67 0.0 55.2 82.8#
52 0.0 25.3 37.9#

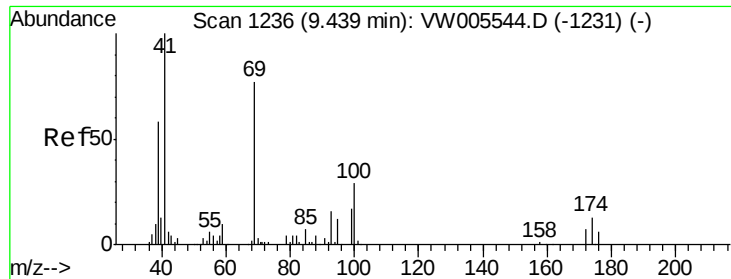


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



Time-->

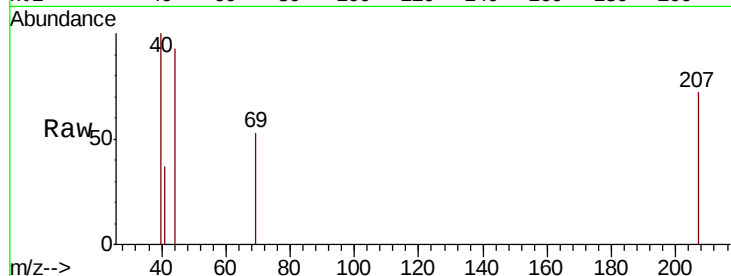




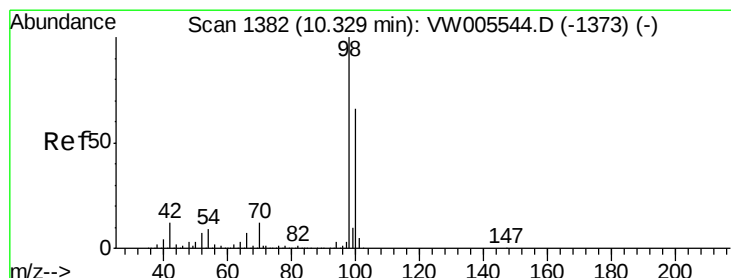
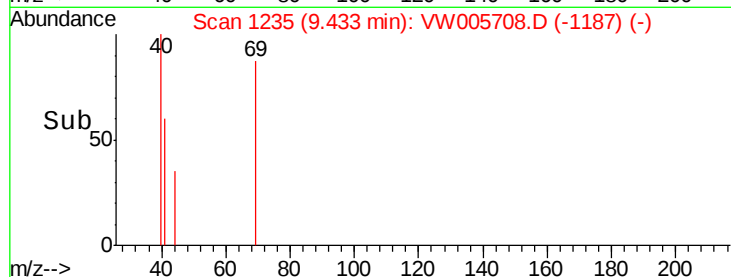
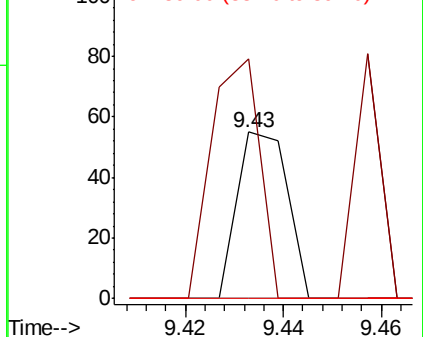
#48
Methyl methacrylate
Concen: 1.213 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

Instrument :
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Tgt Ion: 41 Resp: 39
Ion Ratio Lower Upper
41 100
69 141.0 64.7 97.1#
39 0.0 50.5 75.7#

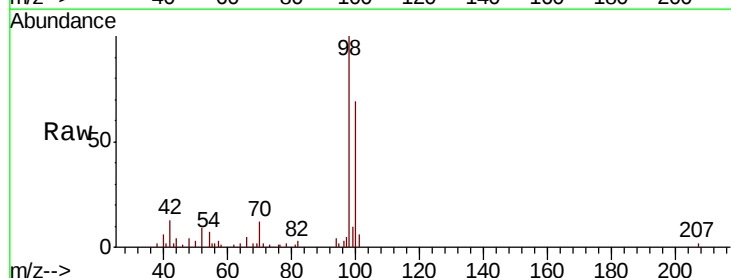


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

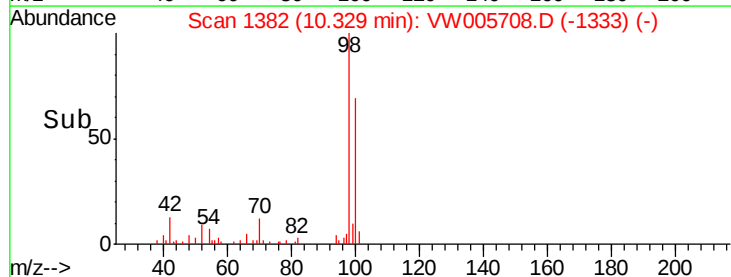
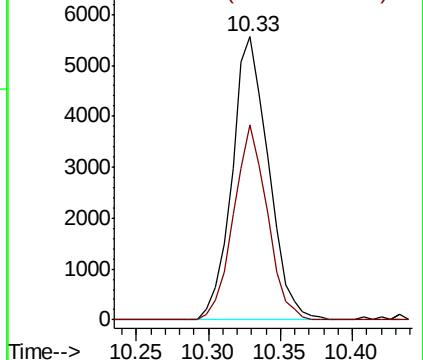


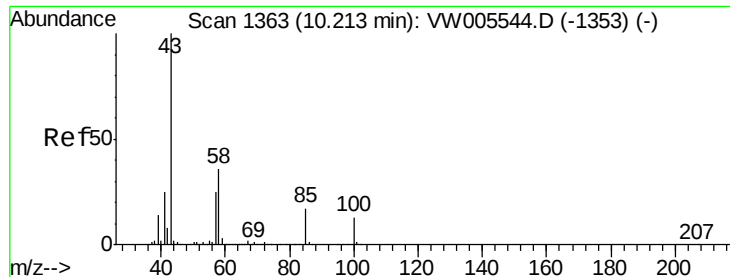
#50
Toluene-d8
Concen: 47.036 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

Tgt Ion: 98 Resp: 9787
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 8.185 ug/l

RT: 10.23 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

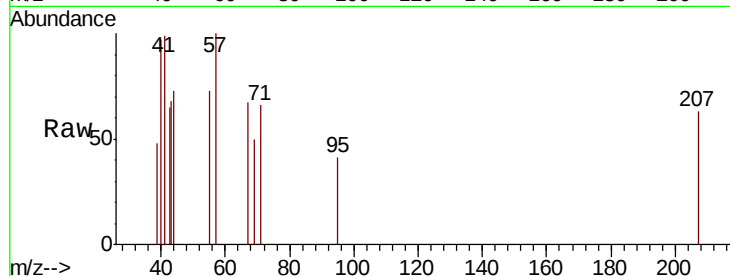
RA-092518-USTEXC-NW-L-063RE

Tgt Ion: 43 Resp: 279

Ion Ratio Lower Upper

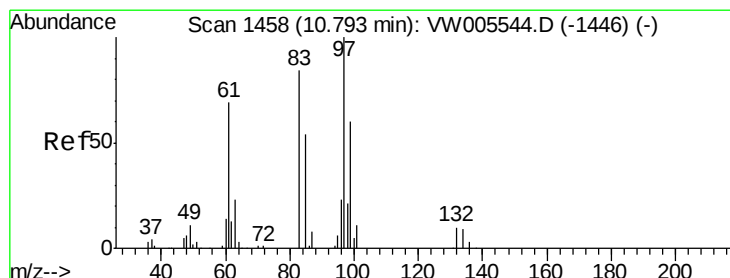
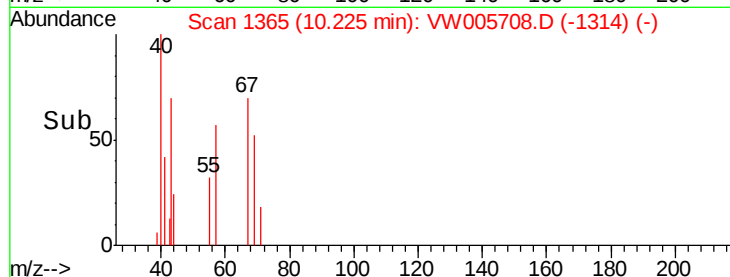
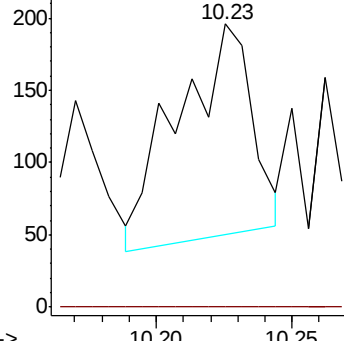
43 100

58 0.0 30.0 45.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#55

1,1,2-Trichloroethane

Concen: 4.426 ug/l

RT: 10.81 min Scan# 1461

Delta R.T. 0.02 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

Tgt Ion: 97 Resp: 179

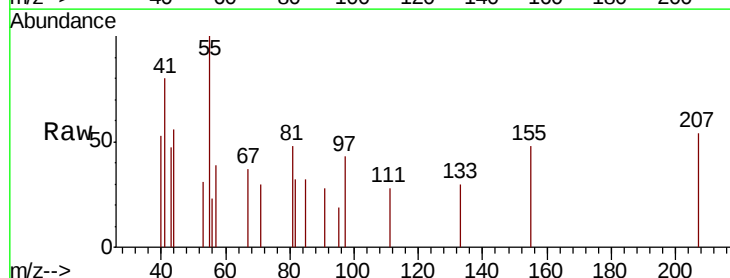
Ion Ratio Lower Upper

97 100

83 0.0 67.4 101.2#

85 0.0 43.3 64.9#

99 0.0 48.0 72.0#

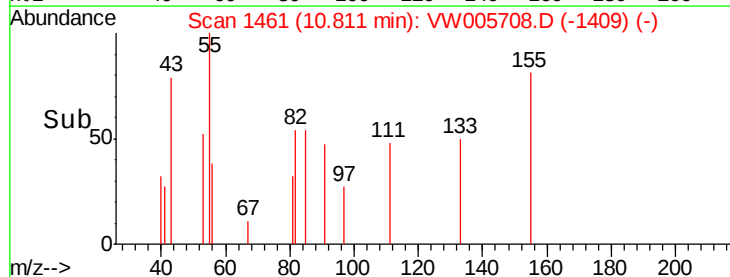
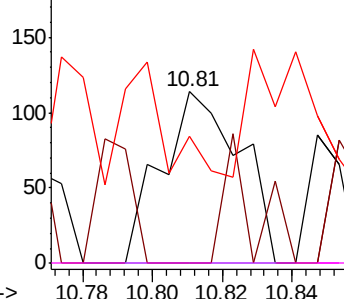


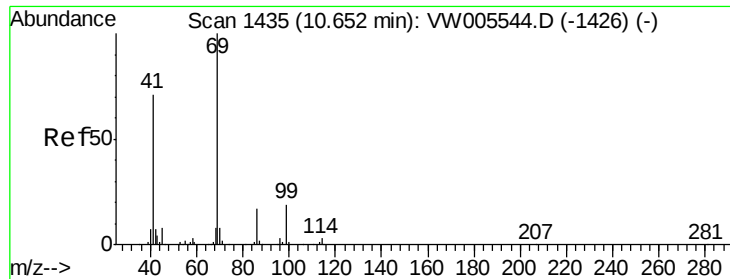
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW





#56

Ethyl methacrylate

Concen: 3.465 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

RA-092518-USTEXC-NW-L-063RE

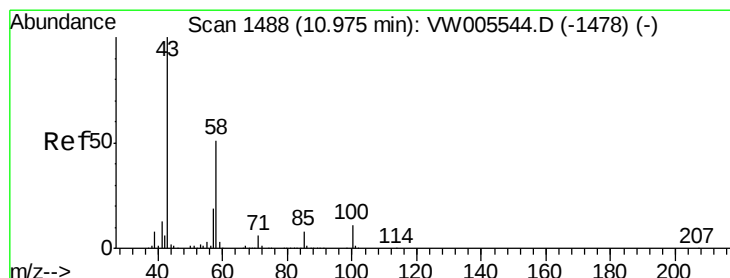
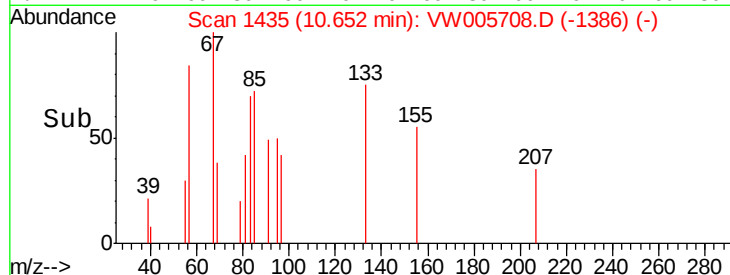
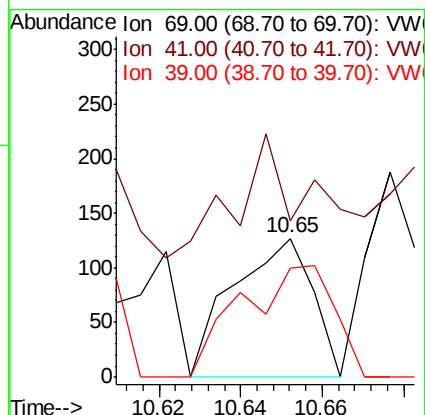
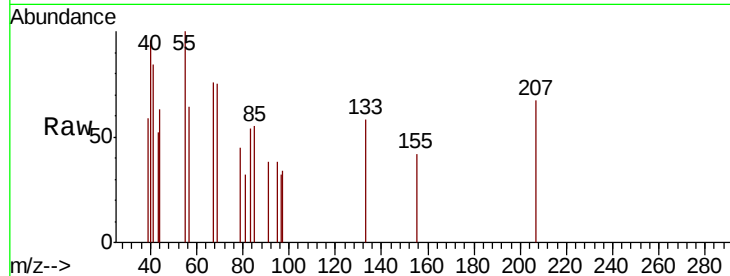
Tgt Ion: 69 Resp: 173

Ion Ratio Lower Upper

69 100

41 85.5 57.3 85.9

39 93.6 29.2 43.8#



#59

2-Hexanone

Concen: 2.893 ug/l

RT: 10.99 min Scan# 1491

Delta R.T. 0.02 min

Lab File: VW005708.D

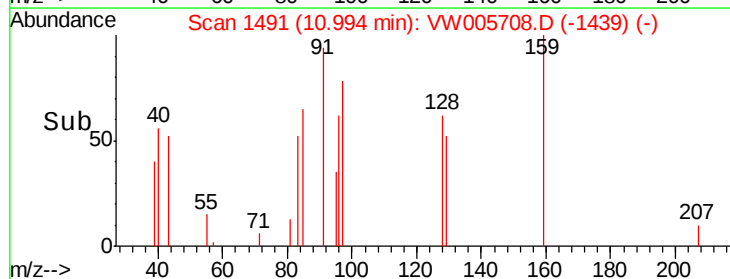
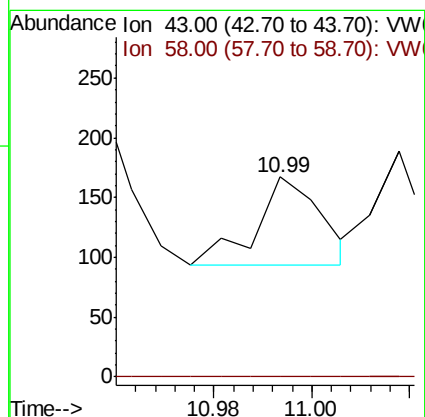
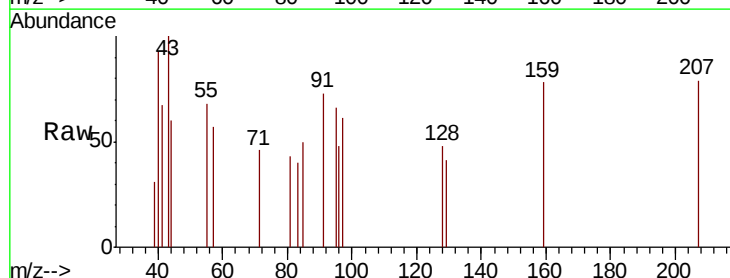
Acq: 27 Sep 2018 18:44

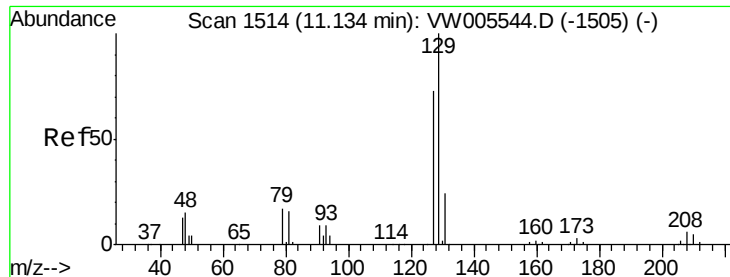
Tgt Ion: 43 Resp: 67

Ion Ratio Lower Upper

43 100

58 0.0 25.3 75.9#





#60

Dibromochloromethane

Concen: 4.216 ug/l

RT: 11.20 min Scan# 1525

Delta R.T. 0.07 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

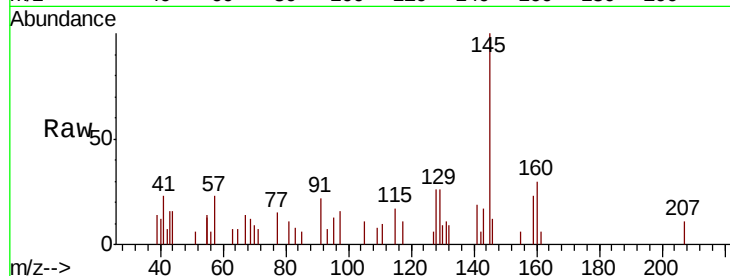
RA-092518-USTEXC-NW-L-063RE

Tgt Ion:129 Resp: 206

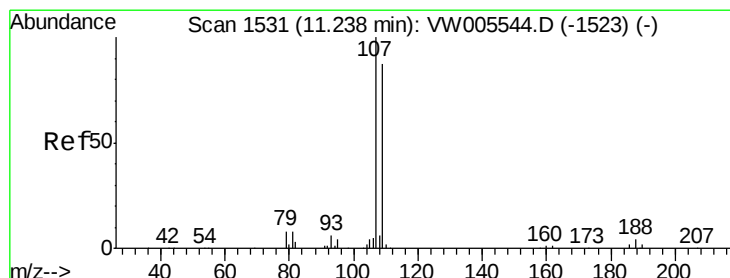
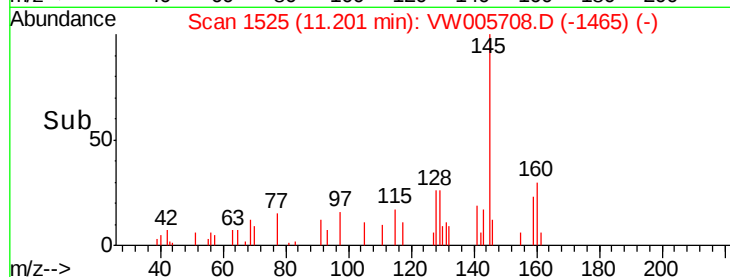
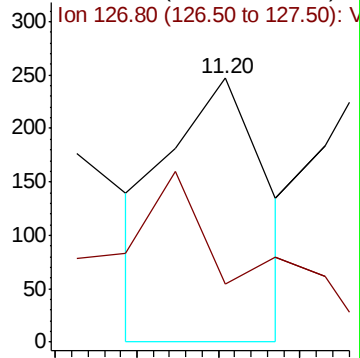
Ion Ratio Lower Upper

129 100

127 108.7 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V



#61

1,2-Dibromoethane

Concen: 1.406 ug/l

RT: 11.32 min Scan# 1545

Delta R.T. 0.09 min

Lab File: VW005708.D

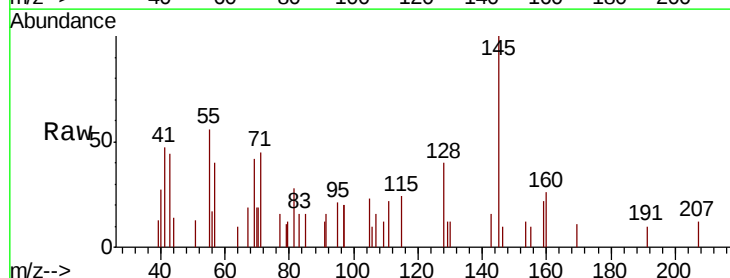
Acq: 27 Sep 2018 18:44

Tgt Ion:107 Resp: 53

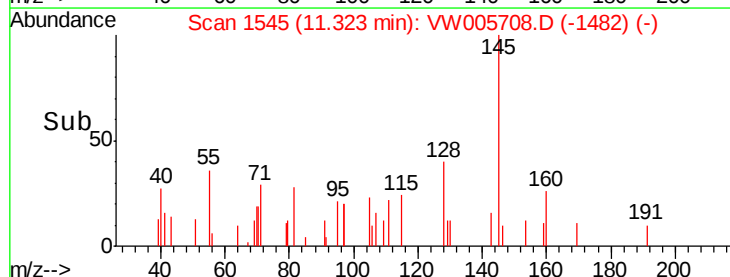
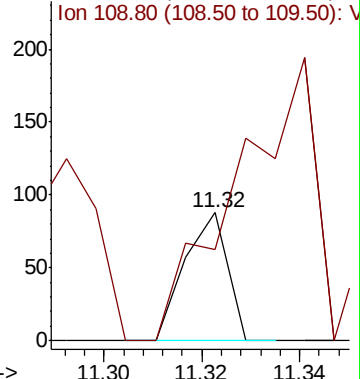
Ion Ratio Lower Upper

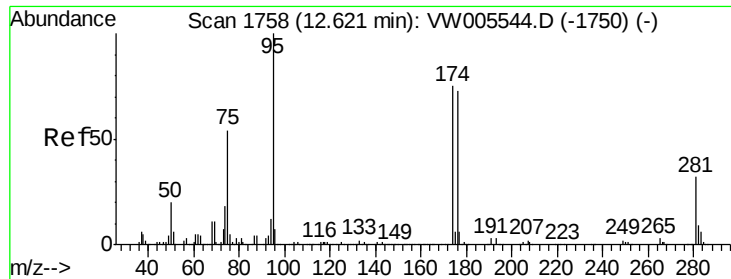
107 100

109 405.7 73.4 110.0#



Abundance Ion 106.90 (106.60 to 107.60): V

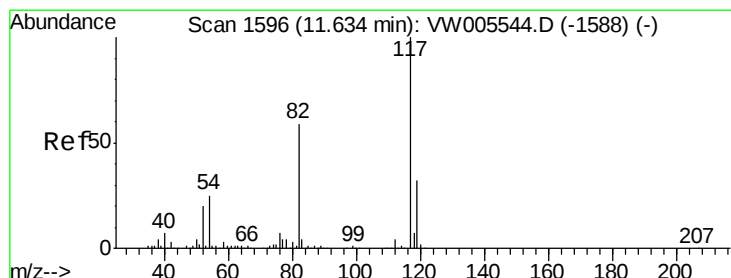
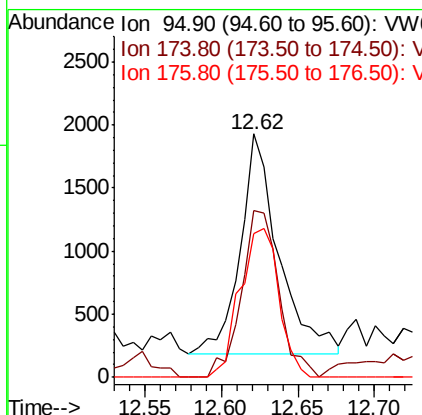
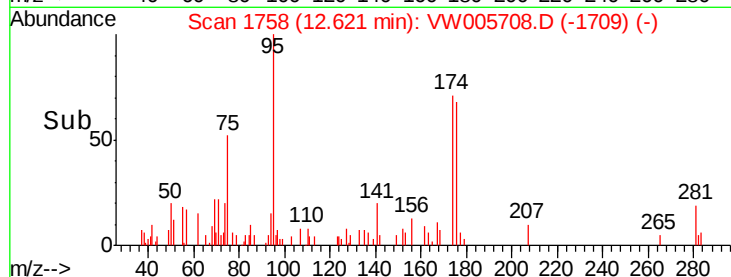
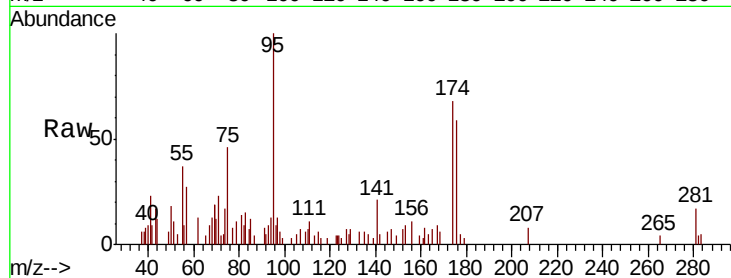




#62
4-Bromofluorobenzene
Concen: 39.627 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

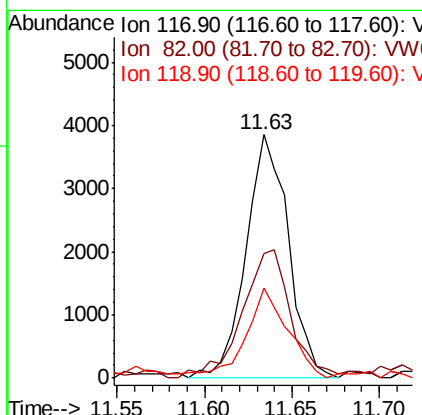
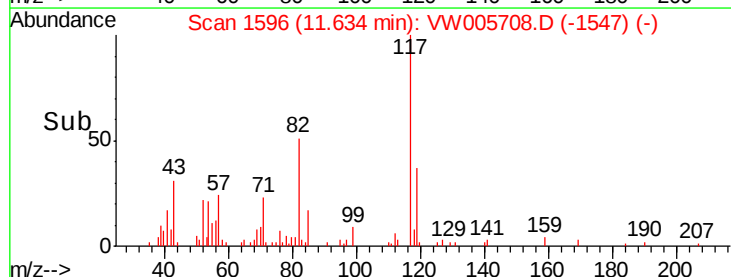
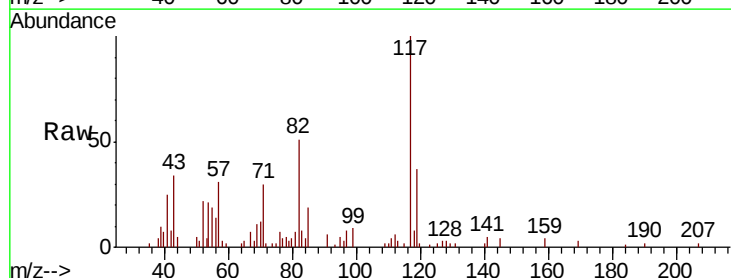
Instrument :
MSVOA_W
ClientSampleId :
RA-092518-USTEXC-NW-L-063RE

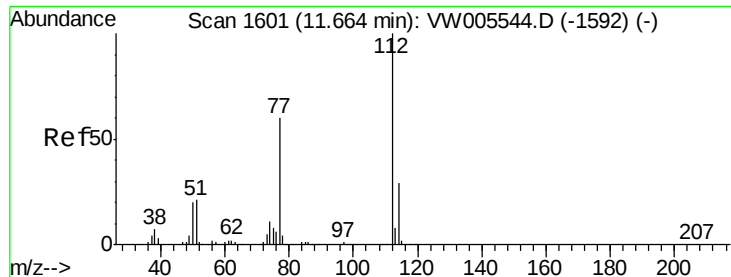
Tgt Ion: 95 Resp: 3051
Ion Ratio Lower Upper
95 100
174 73.4 0.0 163.8
176 68.1 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

Tgt Ion: 117 Resp: 6484
Ion Ratio Lower Upper
117 100
82 49.5 46.9 70.3
119 34.8 25.7 38.5

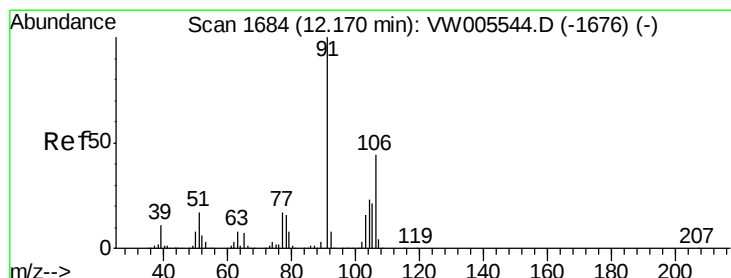
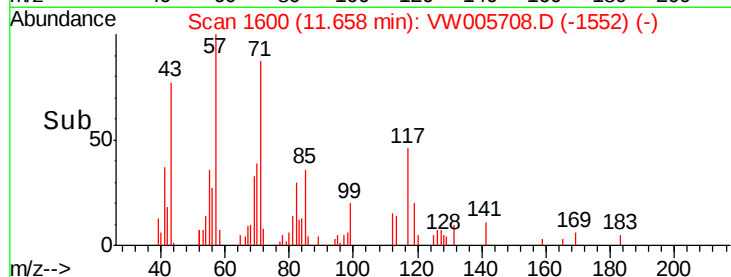
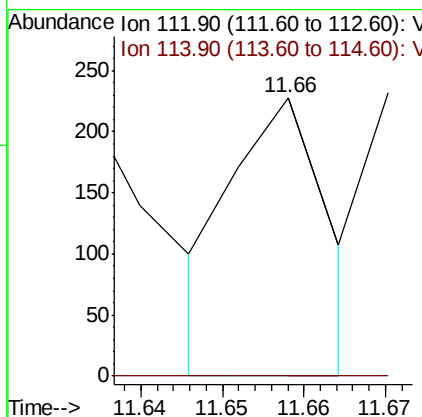
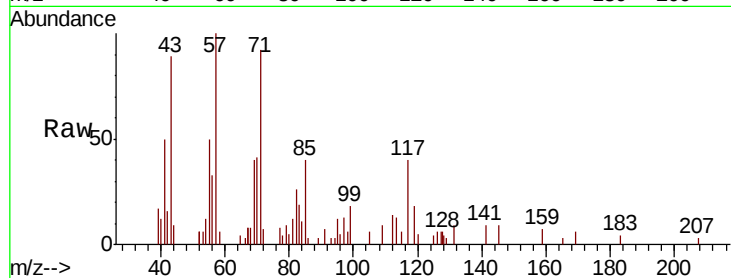




#65
Chlorobenzene
Concen: 1.344 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

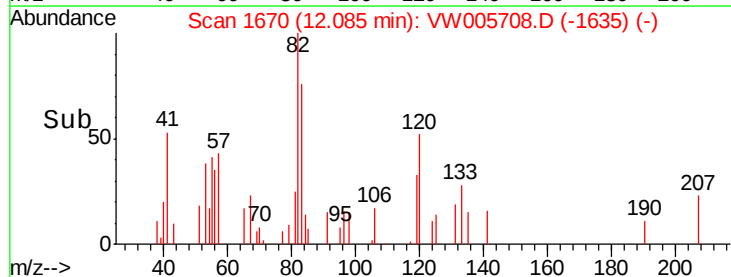
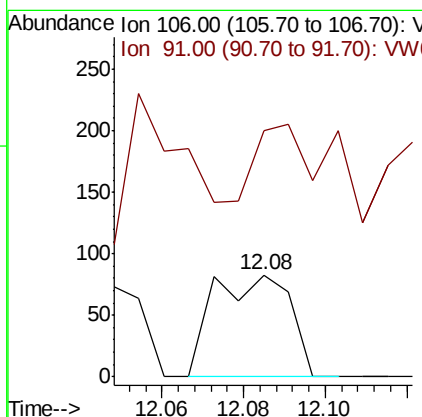
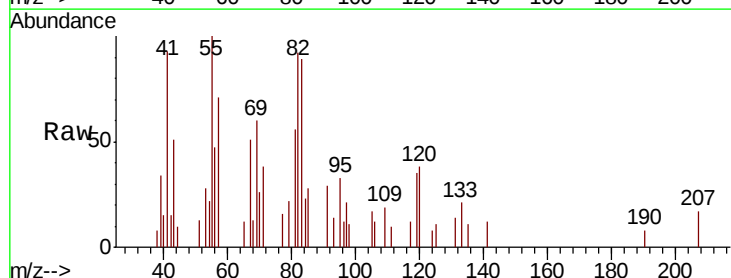
Instrument :
MSVOA_W
ClientSampleId :
RA-092518-USTEXC-NW-L-063RE

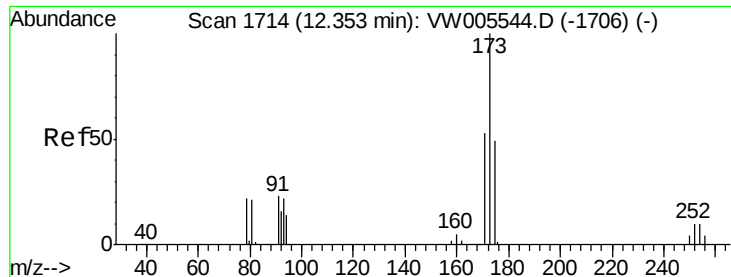
Tgt Ion:112 Resp: 185
Ion Ratio Lower Upper
112 100
114 0.0 22.9 34.3#



#69
o-Xylene
Concen: 1.249 ug/l
RT: 12.08 min Scan# 1670
Delta R.T. -0.09 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

Tgt Ion:106 Resp: 108
Ion Ratio Lower Upper
106 100
91 113.0 111.0 333.0





#71

Bromoform

Concen: 3.955 ug/l

RT: 12.34 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

RA-092518-USTEXC-NW-L-063RE

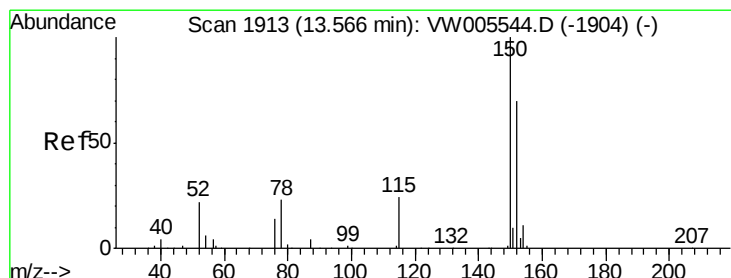
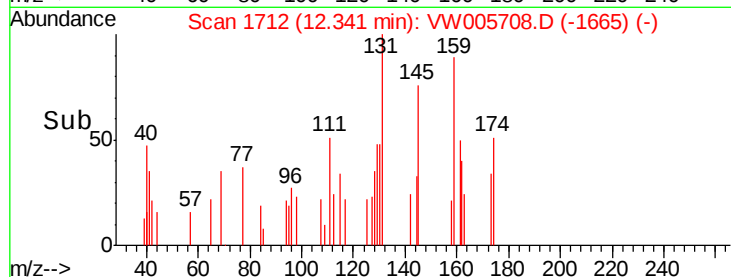
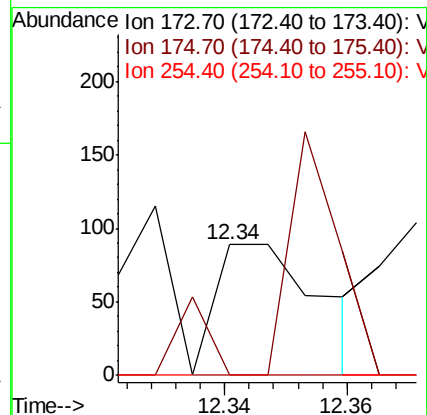
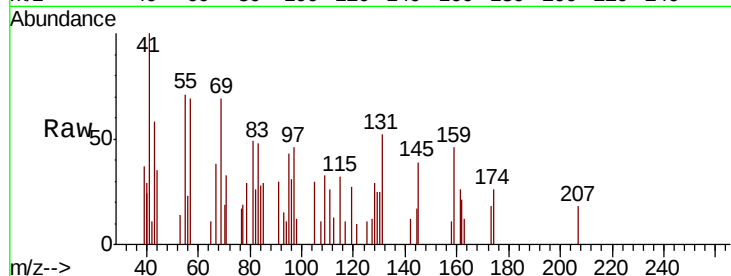
Tgt Ion:173 Resp: 104

Ion Ratio Lower Upper

173 100

175 106.7 24.3 72.9#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

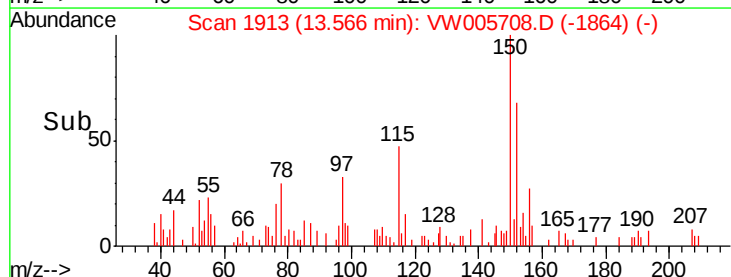
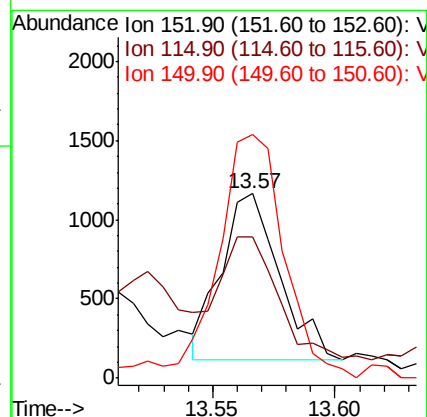
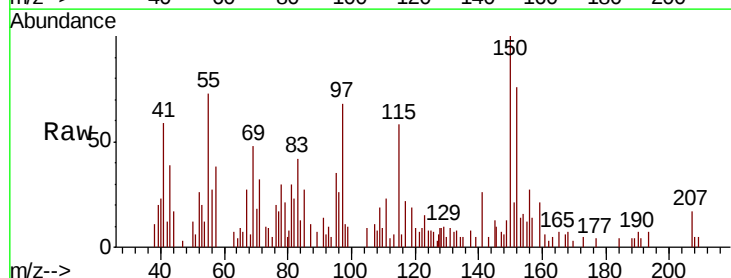
Tgt Ion:152 Resp: 1744

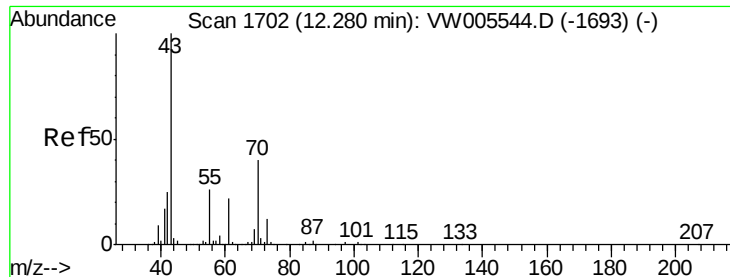
Ion Ratio Lower Upper

152 100

115 76.1 30.0 90.0

150 169.6 0.0 348.6





#74

N-amy1 acetate

Concen: 1.643 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

RA-092518-USTEXC-NW-L-063RE

Tgt Ion: 43 Resp: 45

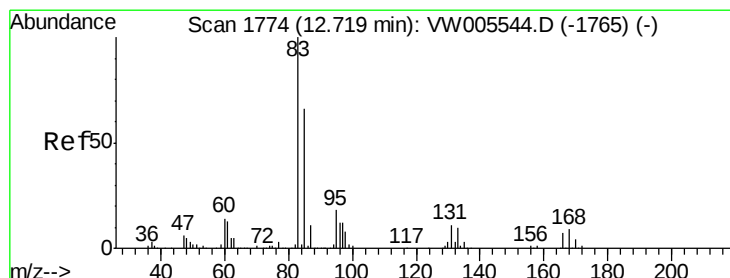
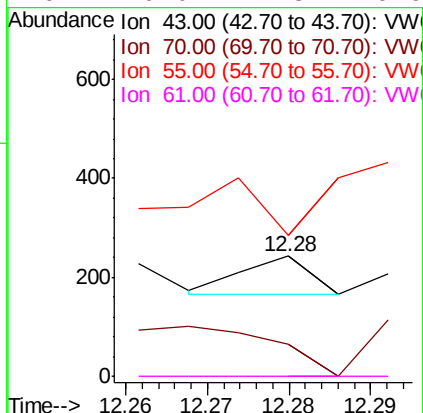
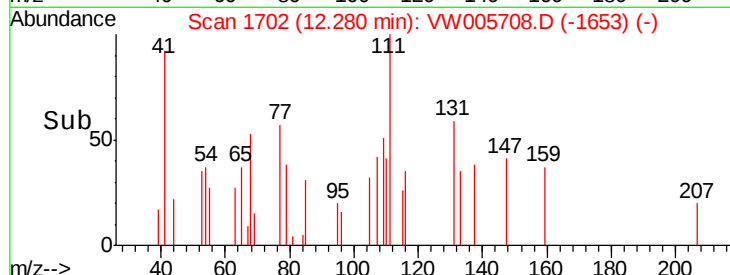
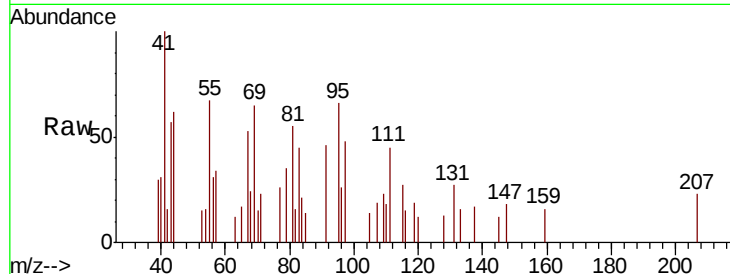
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.0#

55 684.4 20.9 31.3#

61 0.0 17.8 26.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 19.961 ug/l

RT: 12.74 min Scan# 1777

Delta R.T. 0.02 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

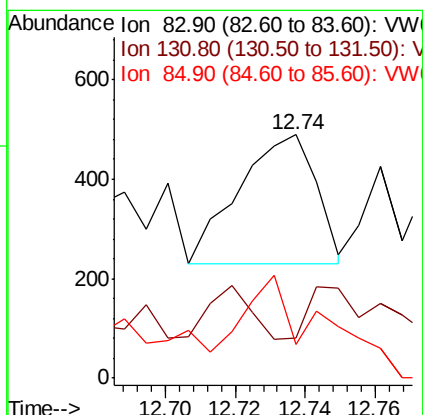
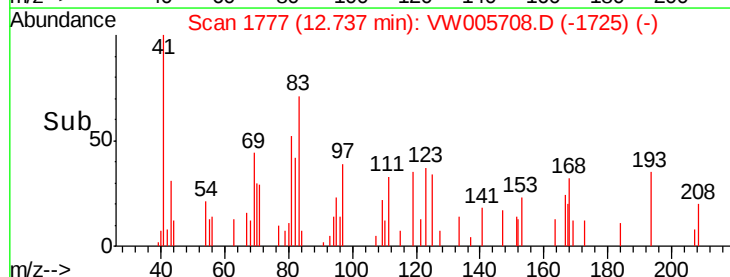
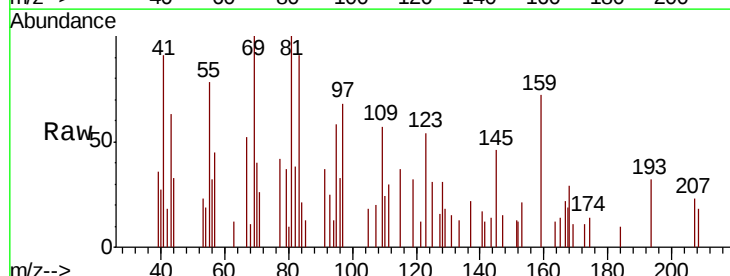
Tgt Ion: 83 Resp: 401

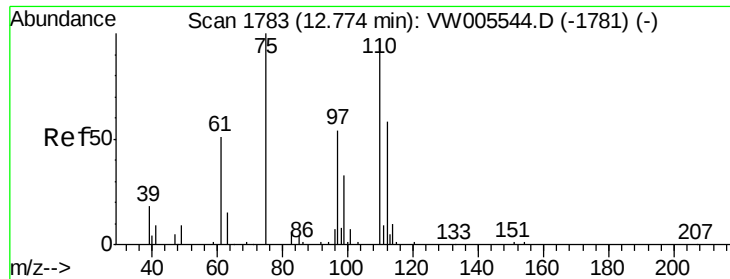
Ion Ratio Lower Upper

83 100

131 70.6 5.5 16.7#

85 82.3 32.4 97.0

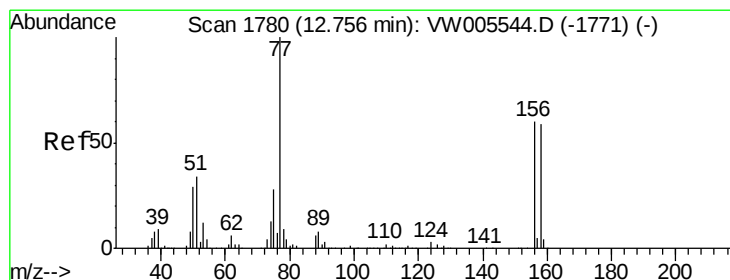
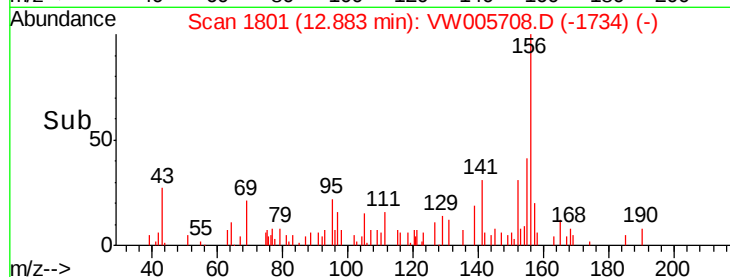
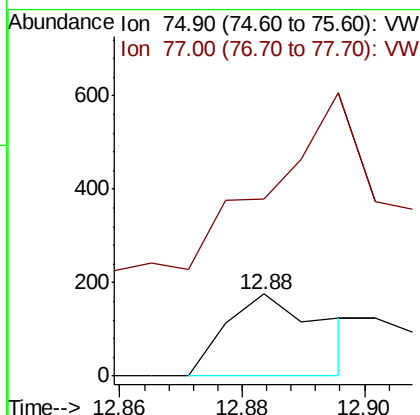
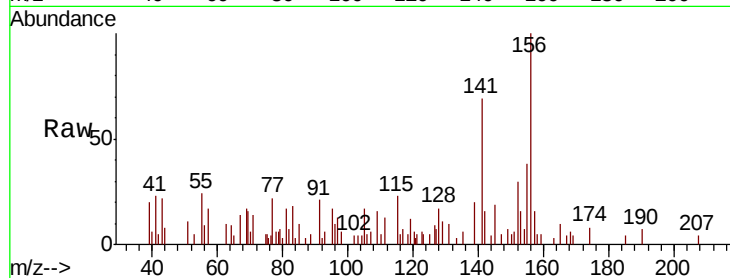




#76
 1,2,3-Trichloropropane
 Concen: 13.050 ug/l
 RT: 12.88 min Scan# 1801
 Delta R.T. 0.11 min
 Lab File: VW005708.D
 Acq: 27 Sep 2018 18:44

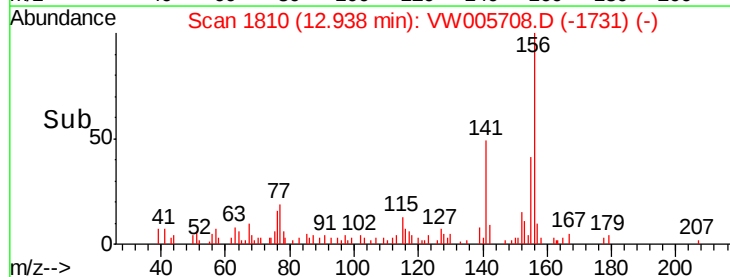
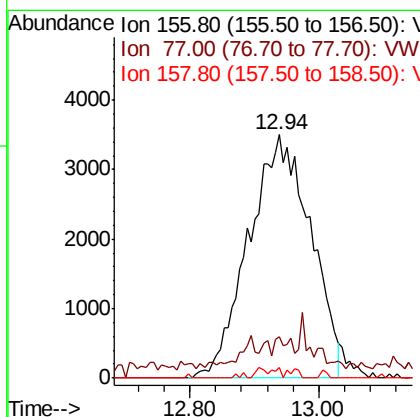
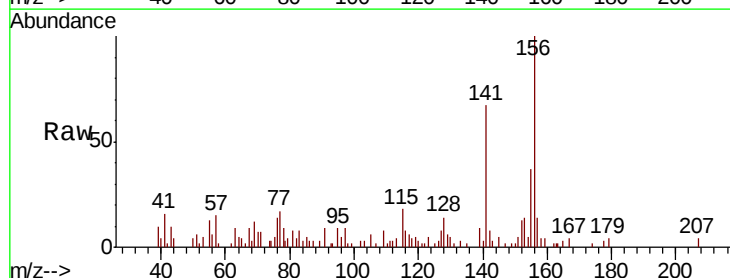
Instrument :
 MSVOA_W
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063RE

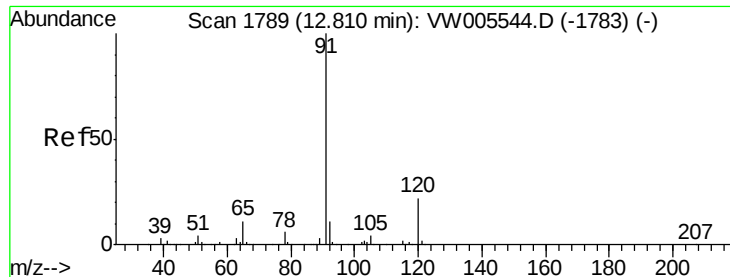
Tgt Ion: 75 Resp: 194
 Ion Ratio Lower Upper
 75 100
 77 228.4 0.0 0.0#



#77
 Bromobenzene
 Concen: 821.304 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. 0.18 min
 Lab File: VW005708.D
 Acq: 27 Sep 2018 18:44

Tgt Ion: 156 Resp: 23281
 Ion Ratio Lower Upper
 156 100
 77 2.1 94.7 284.1#
 158 0.6 48.0 144.2#





#78

n-propylbenzene

Concen: 1.523 ug/l

RT: 12.84 min Scan# 1794

Delta R.T. 0.03 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

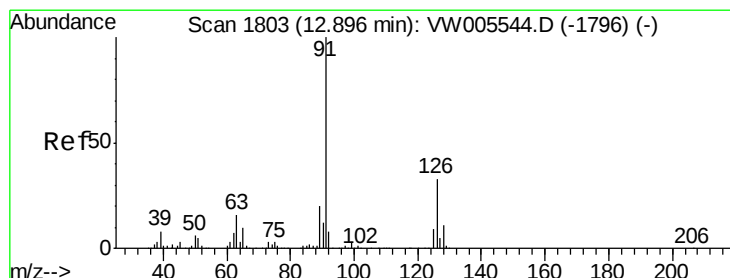
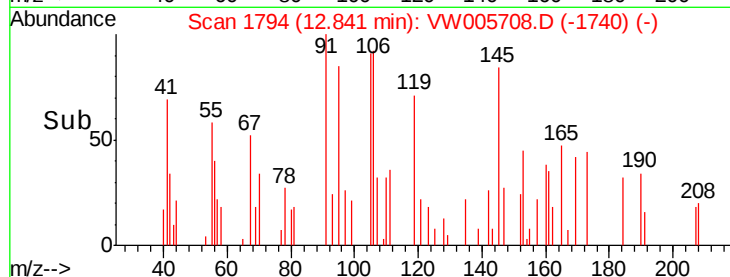
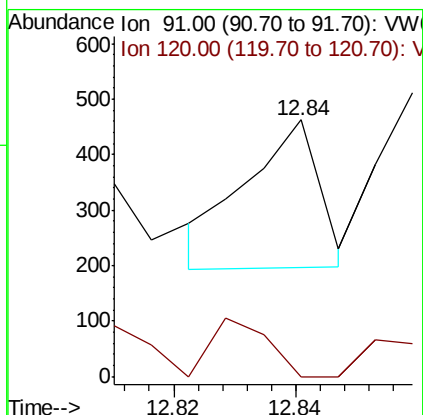
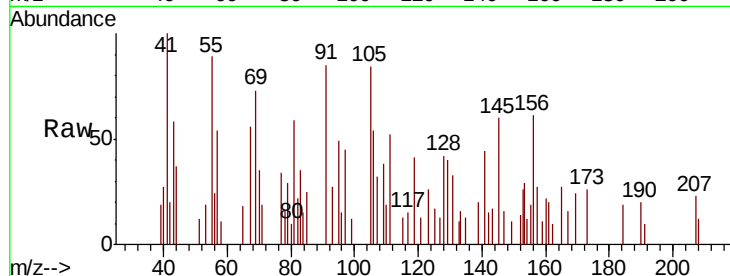
RA-092518-USTEXC-NW-L-063RE

Tgt Ion: 91 Resp: 223

Ion Ratio Lower Upper

91 100

120 29.6 11.2 33.5



#79

2-Chlorotoluene

Concen: 2.526 ug/l

RT: 12.93 min Scan# 1808

Delta R.T. 0.03 min

Lab File: VW005708.D

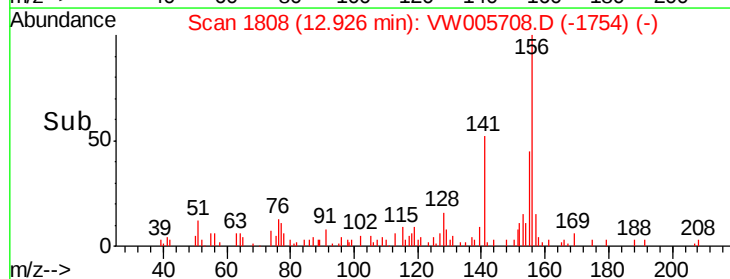
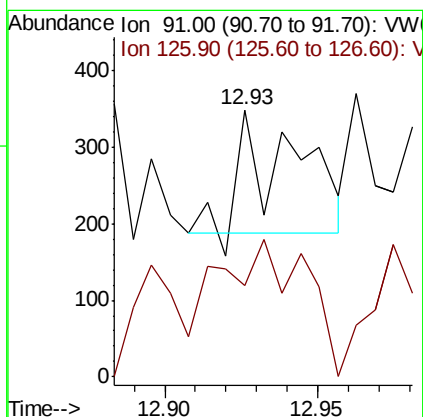
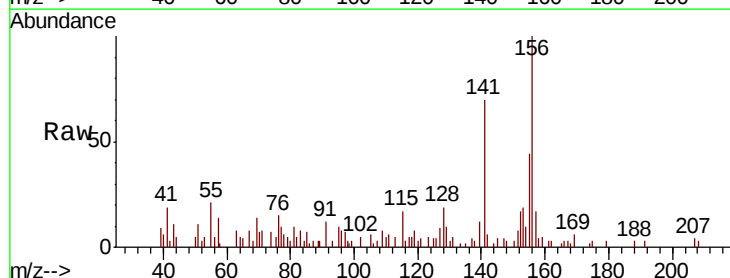
Acq: 27 Sep 2018 18:44

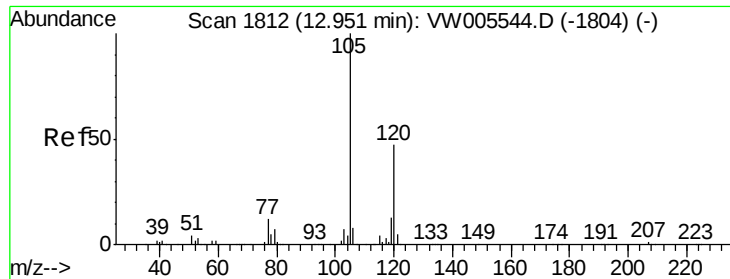
Tgt Ion: 91 Resp: 214

Ion Ratio Lower Upper

91 100

126 42.5 16.4 49.1





#80

1,3,5-Trimethylbenzene

Concen: 5.002 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

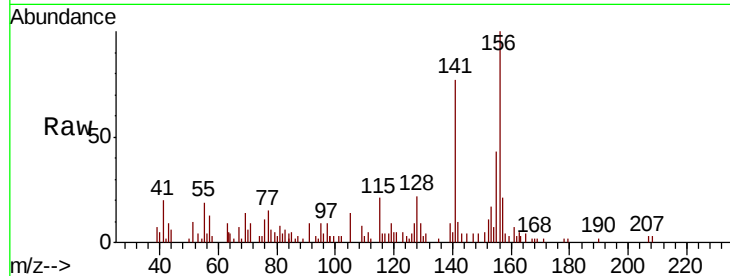
RA-092518-USTEXC-NW-L-063RE

Tgt Ion:105 Resp: 526

Ion Ratio Lower Upper

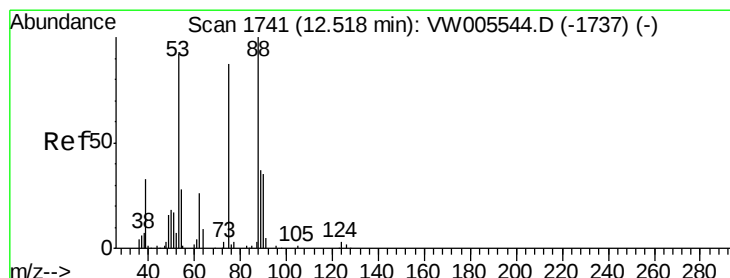
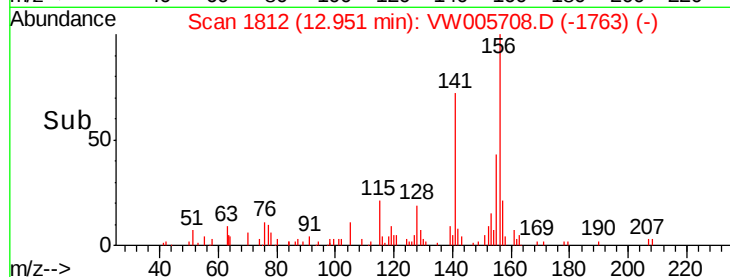
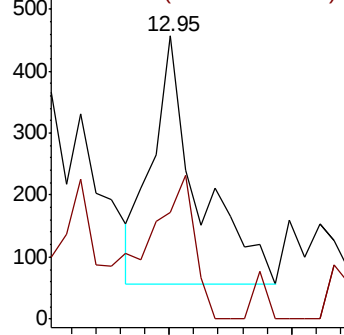
105 100

120 57.6 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 219.073 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

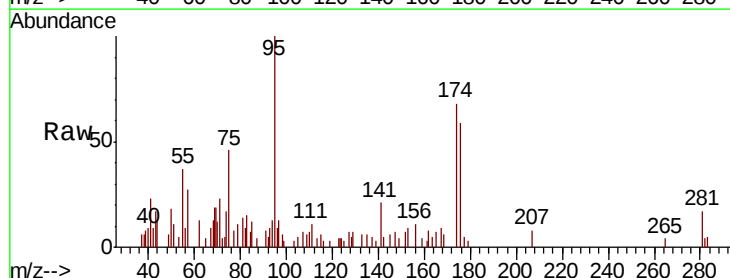
Tgt Ion: 75 Resp: 1446

Ion Ratio Lower Upper

75 100

53 0.0 85.8 128.6#

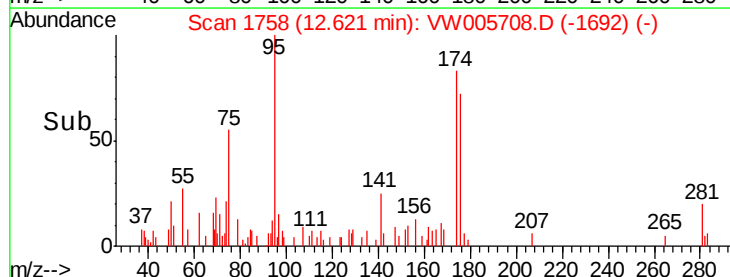
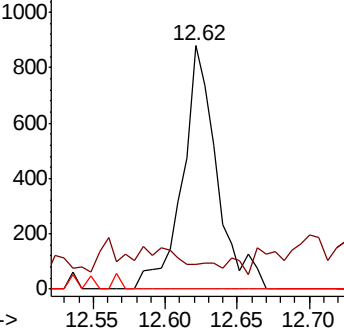
89 0.0 37.3 55.9#

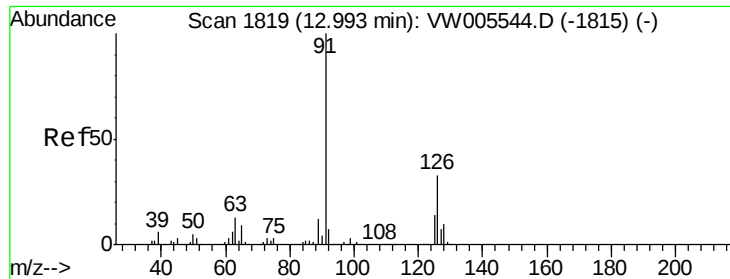


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

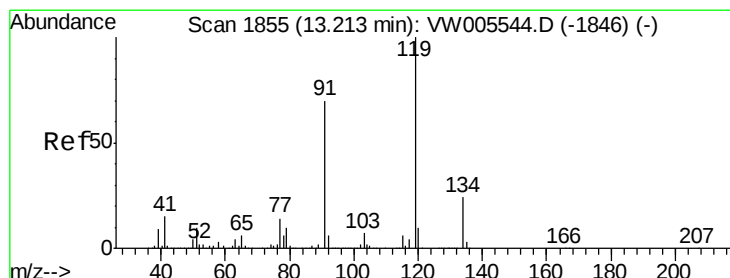
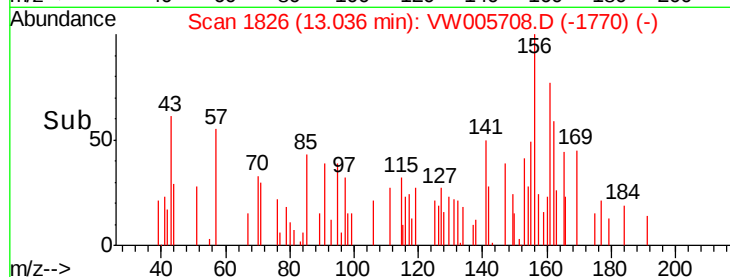
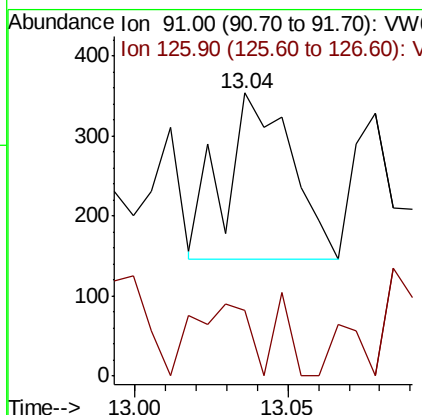
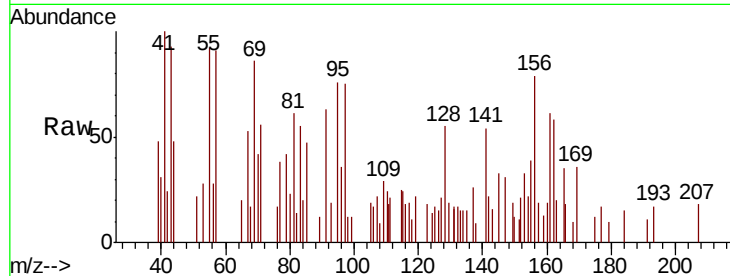




#82
4-Chlorotoluene
Concen: 3.553 ug/l
RT: 13.04 min Scan# 1826
Delta R.T. 0.04 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

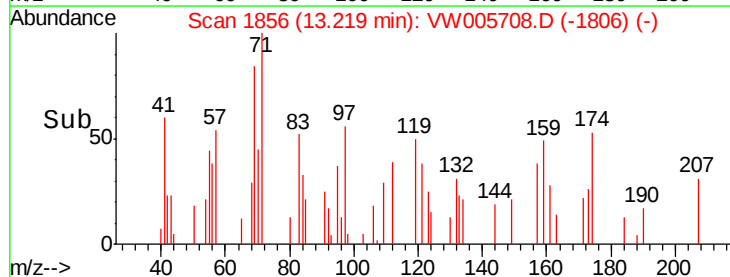
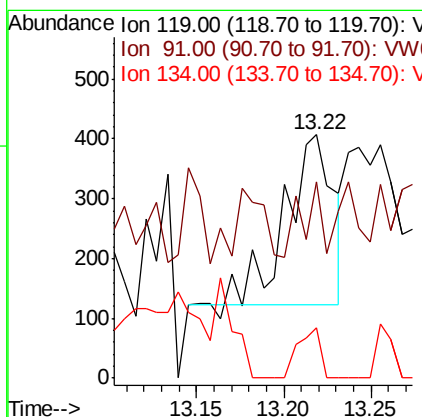
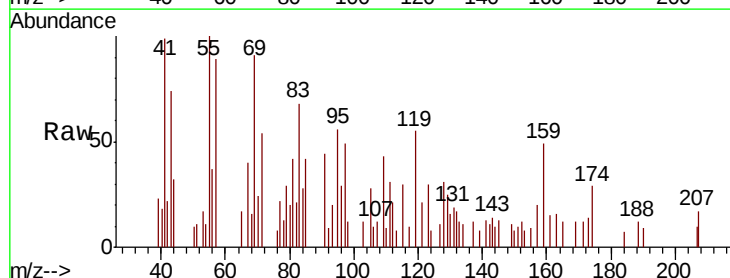
Instrument :
MSVOA_W
ClientSampleId :
RA-092518-USTEXC-NW-L-063RE

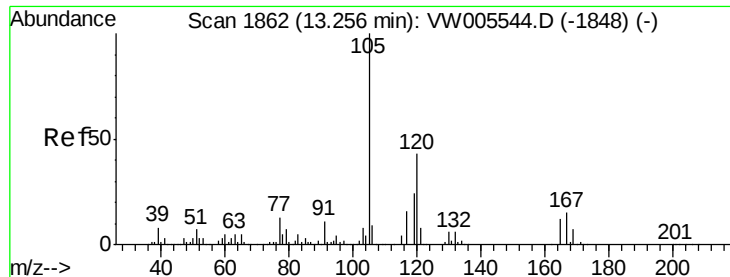
Tgt Ion: 91 Resp: 318
Ion Ratio Lower Upper
91 100
126 35.8 16.4 49.4



#83
tert-Butylbenzene
Concen: 6.067 ug/l
RT: 13.22 min Scan# 1856
Delta R.T. 0.01 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

Tgt Ion: 119 Resp: 536
Ion Ratio Lower Upper
119 100
91 17.7 34.6 103.8#
134 14.2 12.6 37.6

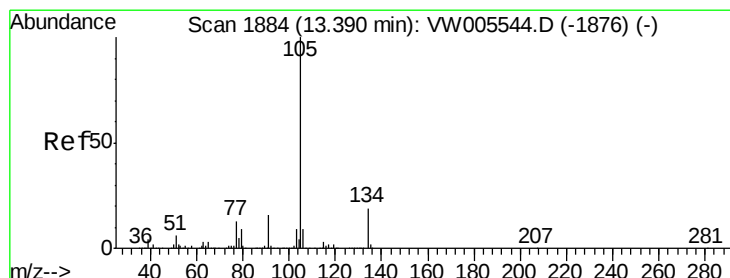
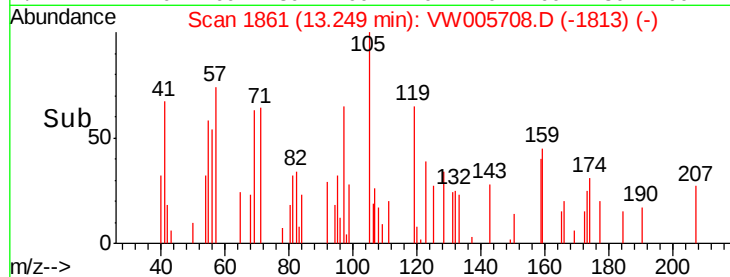
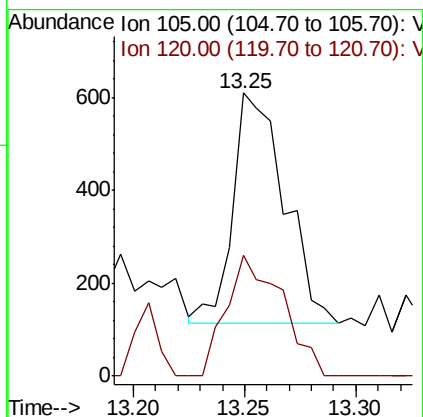
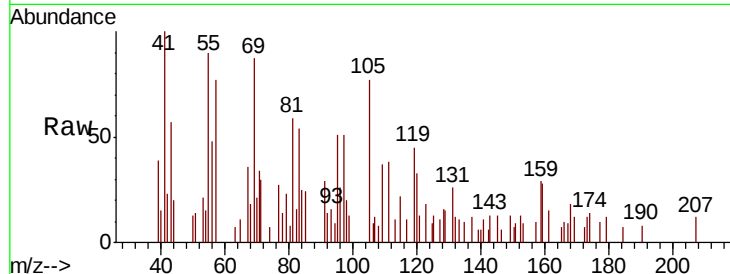




#84
1,2,4-Trimethylbenzene
Concen: 7.519 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

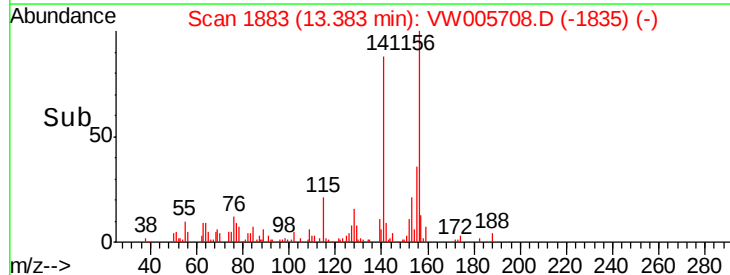
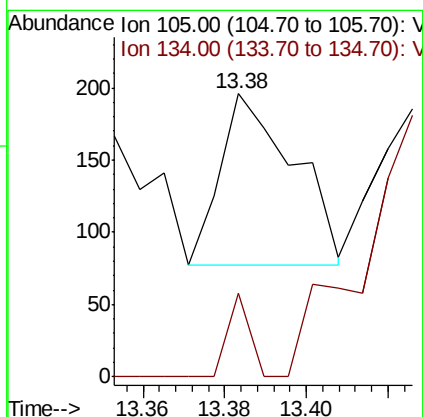
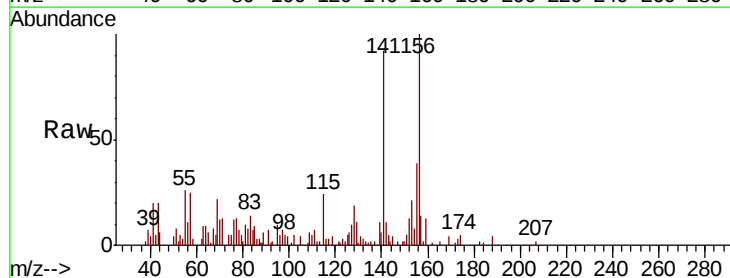
Instrument :
MSVOA_W
ClientSampleId :
RA-092518-USTEXC-NW-L-063RE

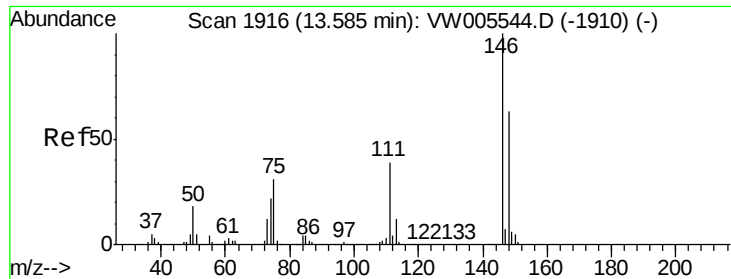
Tgt Ion:105 Resp: 798
Ion Ratio Lower Upper
105 100
120 57.0 21.5 64.5



#85
sec-Butylbenzene
Concen: 1.163 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

Tgt Ion:105 Resp: 149
Ion Ratio Lower Upper
105 100
134 14.1 9.8 29.5

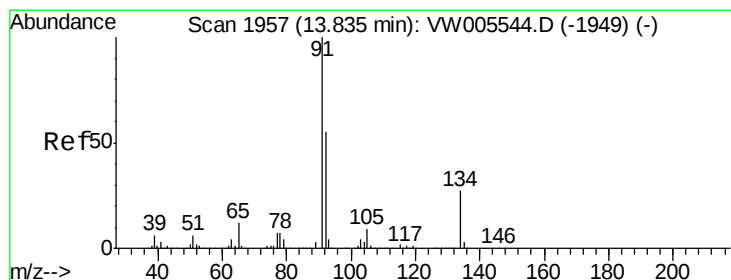
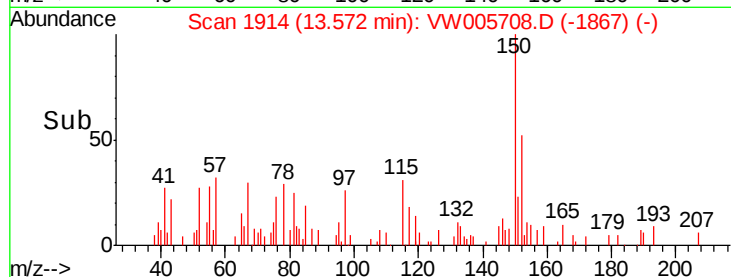
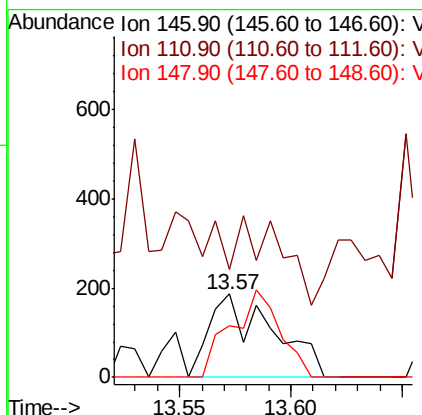
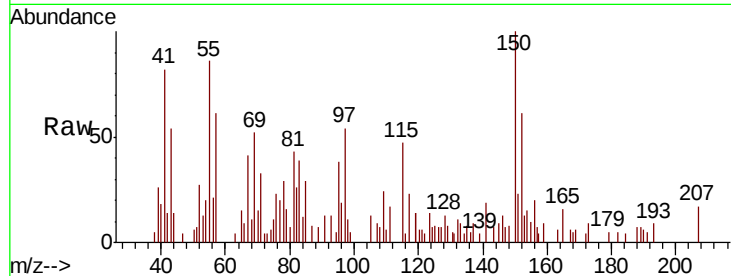




#88
 1,4-Dichlorobenzene
 Concen: 6.332 ug/l
 RT: 13.57 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW005708.D
 Acq: 27 Sep 2018 18:44

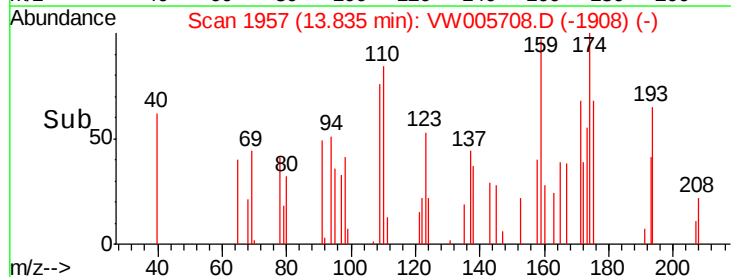
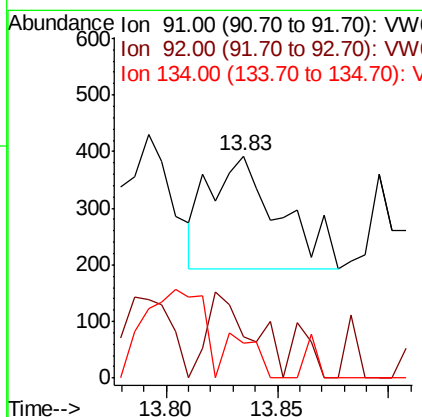
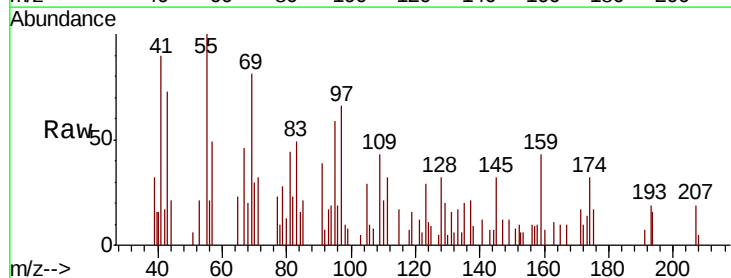
Instrument :
 MSVOA_W
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063RE

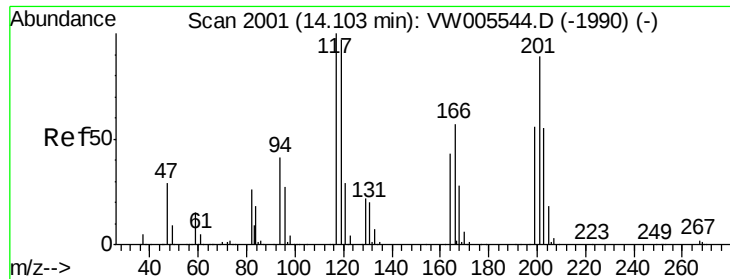
Tgt Ion: 146 Resp: 365
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.9 59.7#
 148 81.9 32.1 96.3



#89
 n-Butylbenzene
 Concen: 4.071 ug/l
 RT: 13.83 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: VW005708.D
 Acq: 27 Sep 2018 18:44

Tgt Ion: 91 Resp: 441
 Ion Ratio Lower Upper
 91 100
 92 47.4 26.5 79.5
 134 0.0 12.9 38.7#

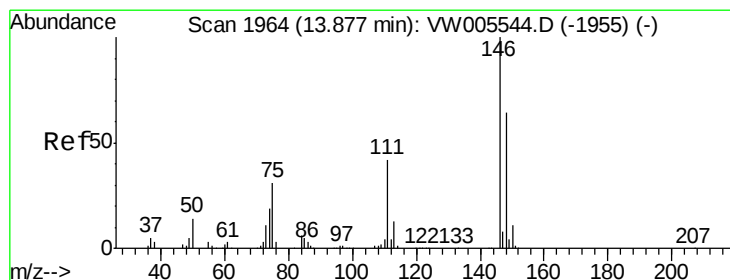
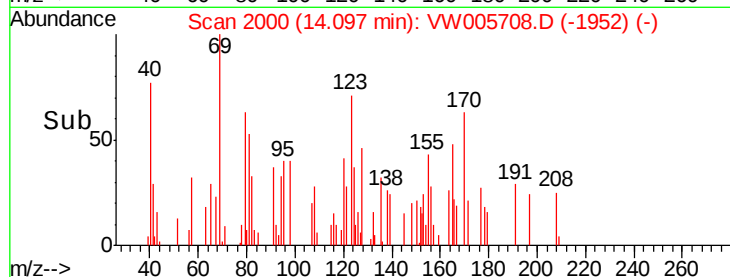
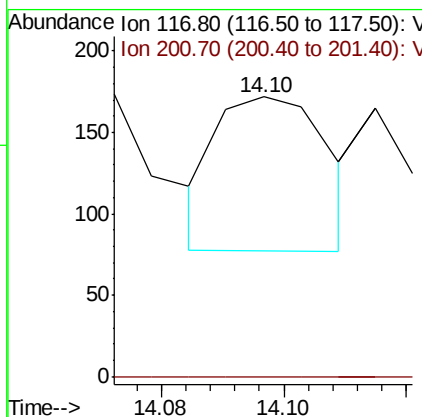
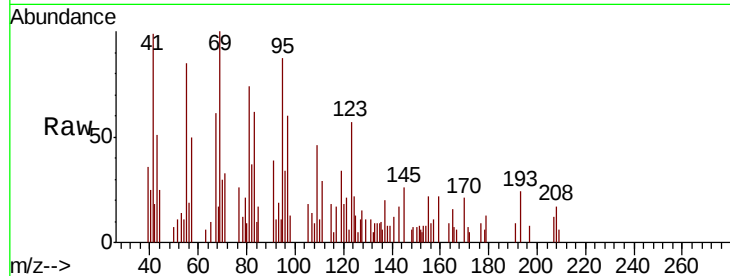




#90
Hexachloroethane
Concen: 5.717 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

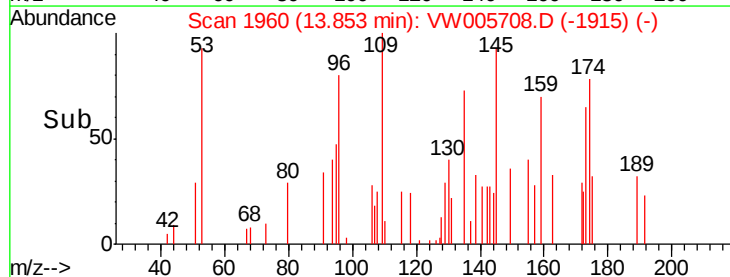
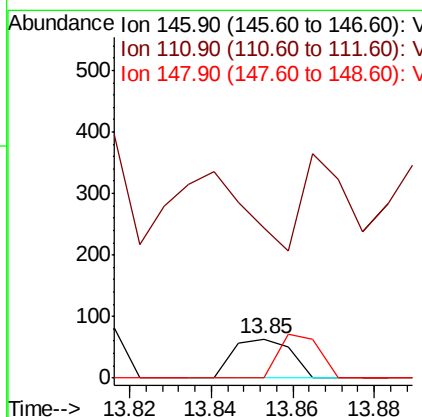
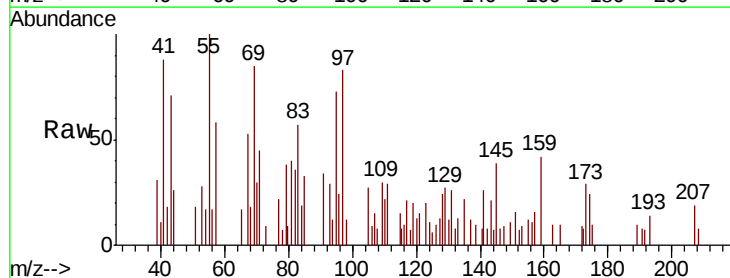
Instrument :
MSVOA_W
ClientSampleId :
RA-092518-USTEXC-NW-L-063RE

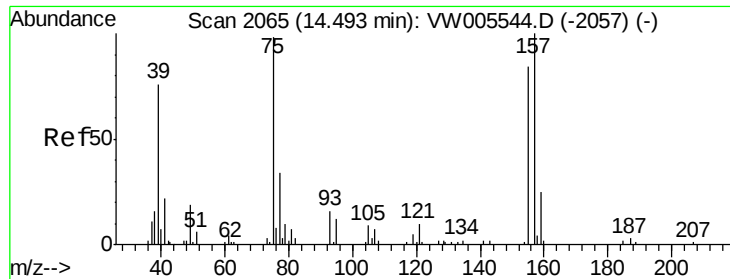
Tgt Ion:117 Resp: 119
Ion Ratio Lower Upper
117 100
201 0.0 42.8 128.3#



#91
1,2-Dichlorobenzene
Concen: 1.212 ug/l
RT: 13.85 min Scan# 1960
Delta R.T. -0.02 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

Tgt Ion:146 Resp: 62
Ion Ratio Lower Upper
146 100
111 180.6 21.3 63.9#
148 79.0 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.964 ug/l

RT: 14.38 min Scan# 2046

Delta R.T. -0.12 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

RA-092518-USTEXC-NW-L-063RE

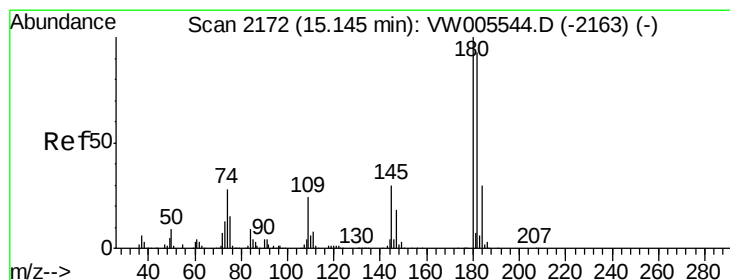
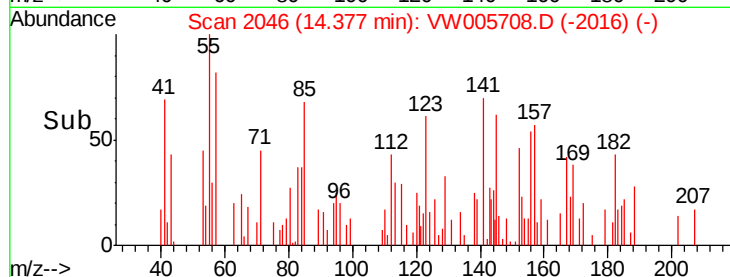
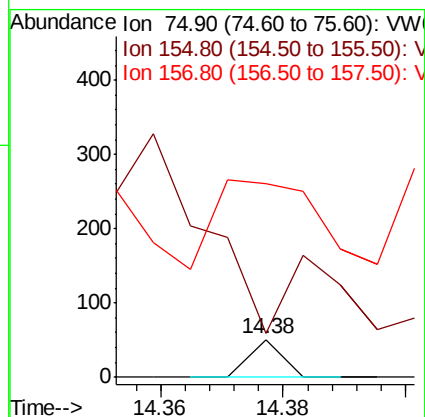
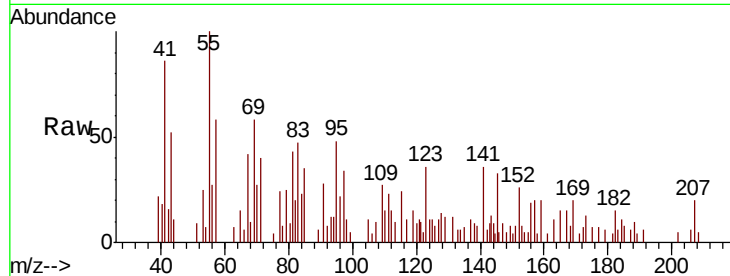
Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.5#

157 810.5 50.8 152.4#



#93

1,2,4-Trichlorobenzene

Concen: 1.288 ug/l

RT: 15.17 min Scan# 2176

Delta R.T. 0.02 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

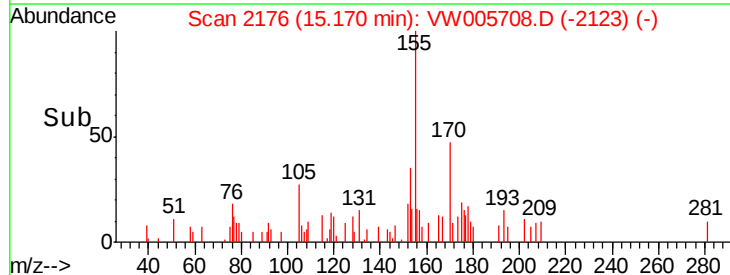
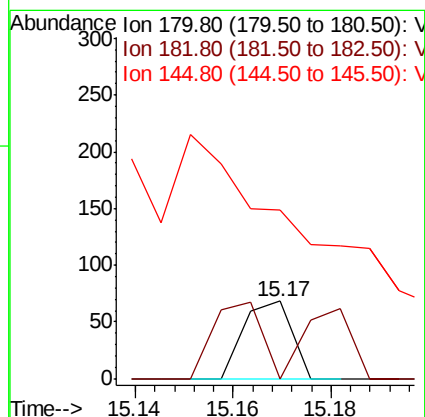
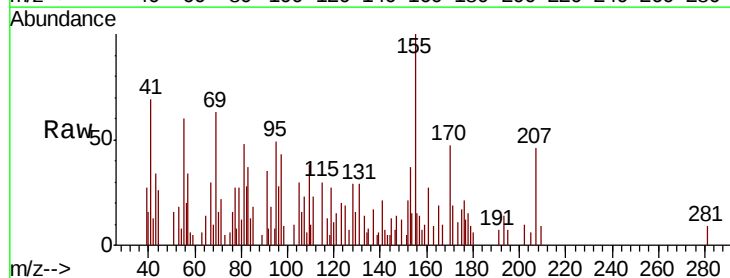
Tgt Ion: 180 Resp: 47

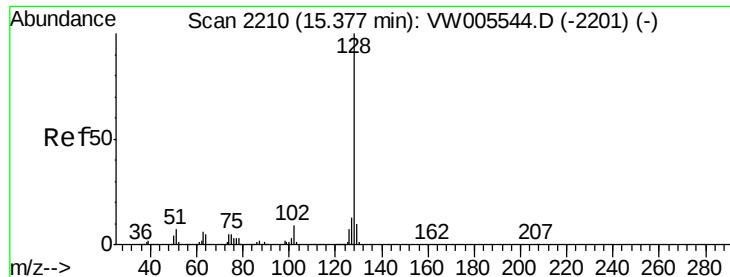
Ion Ratio Lower Upper

180 100

182 100.0 47.7 143.1

145 425.5 15.0 45.1#

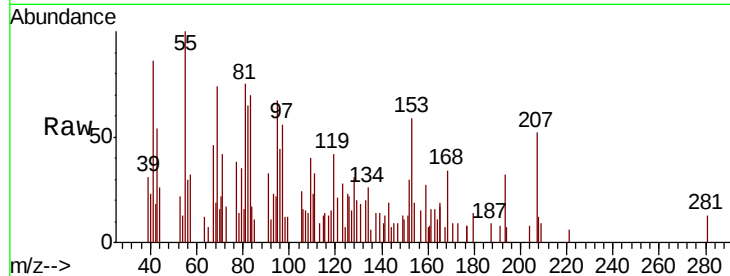




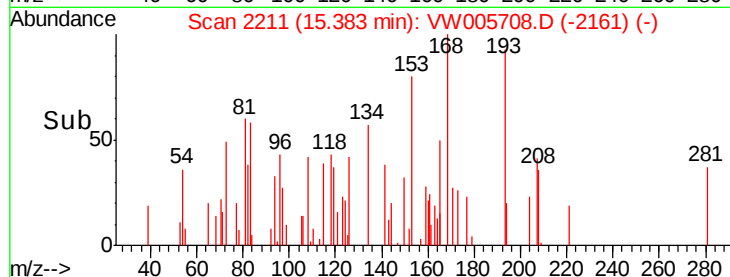
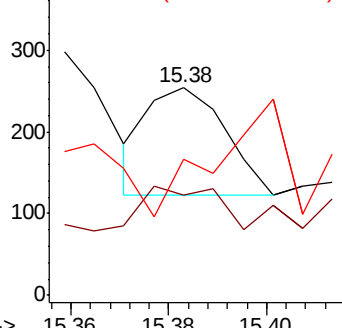
#95
Naphthalene
Concen: 2.362 ug/l
RT: 15.38 min Scan# 2211
Delta R.T. 0.01 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
RA-092518-USTEXC-NW-L-063RE

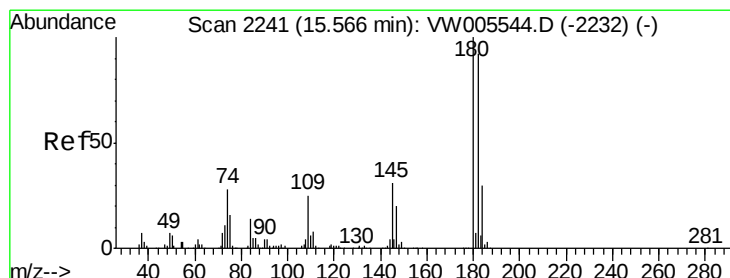
Tgt Ion:128 Resp: 145
Ion Ratio Lower Upper
128 100
127 48.3 10.9 16.3#
129 0.0 8.6 13.0#



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

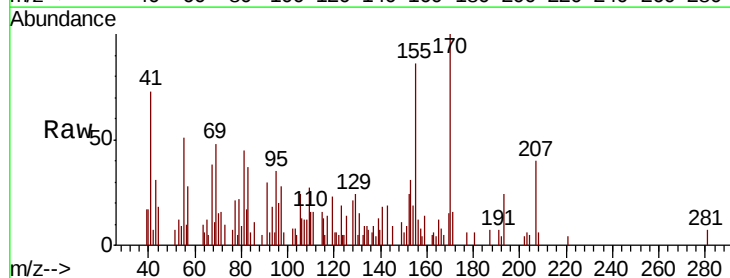


Time--> 15.36 15.38 15.40

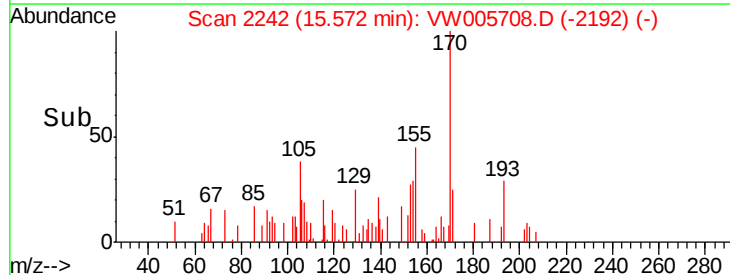
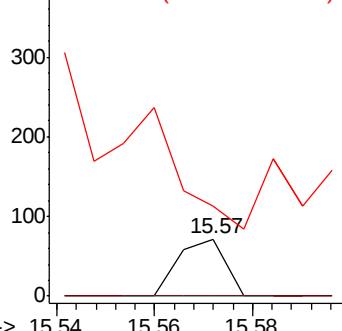


#96
1,2,3-Trichlorobenzene
Concen: 1.492 ug/l
RT: 15.57 min Scan# 2242
Delta R.T. 0.01 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

Tgt Ion:180 Resp: 48
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.9#
145 0.0 16.0 47.9#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time--> 15.54 15.56 15.58