

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122218\
 Data File : VW007756.D
 Acq On : 20 Dec 2018 19:16
 Operator : SY/AP
 Sample : J6392-16
 Misc : 6.08G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 03:54:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	145741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	129720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	63872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	43208	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
35) Dibromofluoromethane	7.88	113	36513	41.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.14%	
50) Toluene-d8	10.32	98	128630	38.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.76%	
62) 4-Bromofluorobenzene	12.62	95	52778	40.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.52%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.16	59	104	1.610	ug/l #	73
16) Acetone	4.12	43	6142	34.243	ug/l	100
17) Carbon Disulfide	4.37	76	3669	1.375	ug/l #	93
19) Methyl tert-butyl Ether	5.42	73	2524	2.039	ug/l #	1
20) Methylene Chloride	4.92	84	3801	Below Cal		93
25) 2-Butanone	7.18	43	1898	9.034	ug/l	94
31) Cyclohexane	7.95	56	3291	2.308	ug/l #	56
36) 1,1-Dichloropropene	7.95	75	6449	4.585	ug/l #	48
38) Carbon Tetrachloride	7.95	117	9056	5.467	ug/l #	16
40) Benzene	8.32	78	4869	1.297	ug/l #	89
43) Isopropyl Acetate	8.42	43	2244	2.307	ug/l #	49
48) Methyl methacrylate	9.46	41	1553	3.199	ug/l #	28
51) 4-Methyl-2-Pentanone	10.26	43	3112	6.770	ug/l #	79
52) Toluene	10.39	92	33836	13.435	ug/l	100
55) 1,1,2-Trichloroethane	10.76	97	3686	5.215	ug/l #	29
59) 2-Hexanone	10.93	43	3704	11.458	ug/l #	29
67) Ethyl Benzene	11.73	91	22786	4.729	ug/l	99
68) m/p-Xylenes	11.84	106	34590	18.508	ug/l	99
69) o-Xylene	12.17	106	14356	8.194	ug/l	100
73) Isopropylbenzene	12.47	105	30793	6.378	ug/l	99
74) N-amyl acetate	12.26	43	1890	2.260	ug/l #	54
76) 1,2,3-Trichloropropane	12.62	75	26744	54.174	ug/l #	100
78) n-propylbenzene	12.80	91	38203	6.798	ug/l	99
79) 2-Chlorotoluene	12.87	91	3366	1.028	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	16781	4.030	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	26744	113.715	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.26	105	69434	16.523	ug/l	100
85) sec-Butylbenzene	13.39	105	7307	1.451	ug/l #	56
86) p-Isopropyltoluene	13.50	119	15848	3.461	ug/l	99
89) n-Butylbenzene	13.83	91	8282	1.973	ug/l #	69
90) Hexachloroethane	14.10	117	5427	6.751	ug/l #	13
95) Naphthalene	15.38	128	26483	10.491	ug/l	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

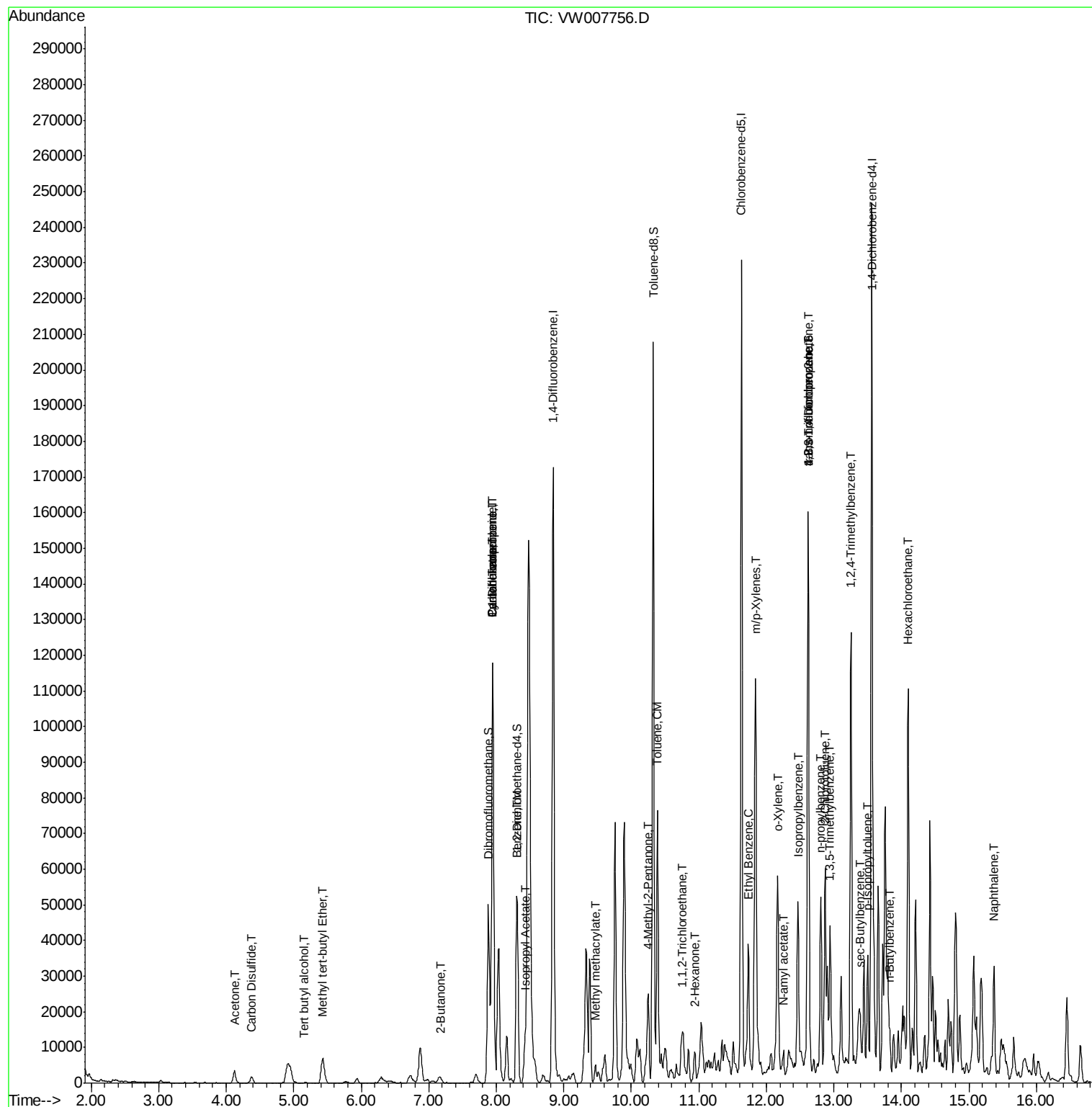
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

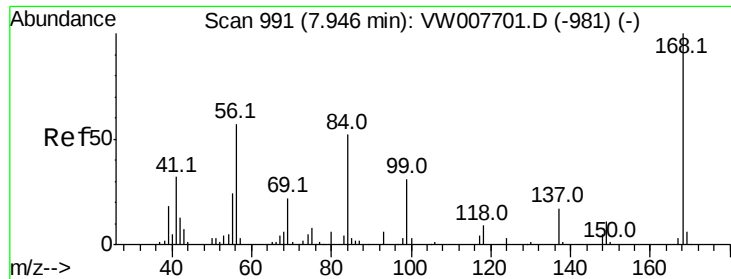
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122218\
Data File : VW007756.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

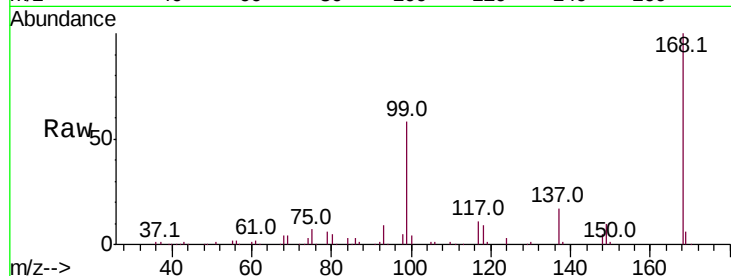
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 87391

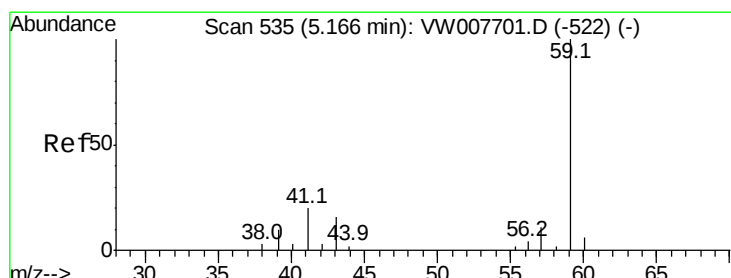
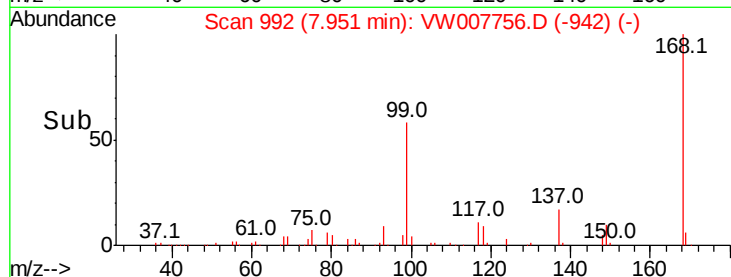
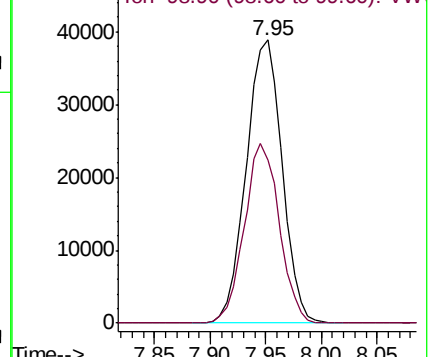
Ion Ratio Lower Upper

168 100

99 57.7 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW
Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.610 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW007756.D

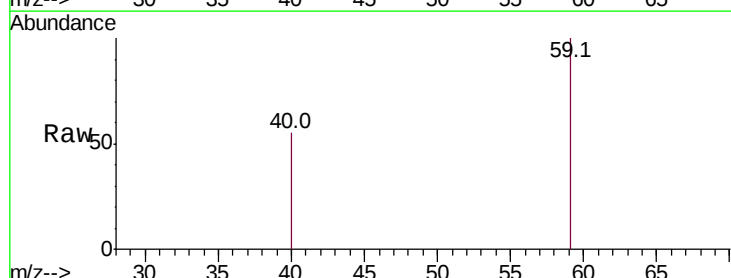
Acq: 20 Dec 2018 19:16

Tgt Ion: 59 Resp: 104

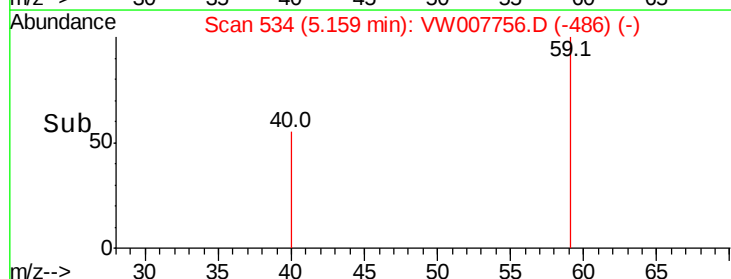
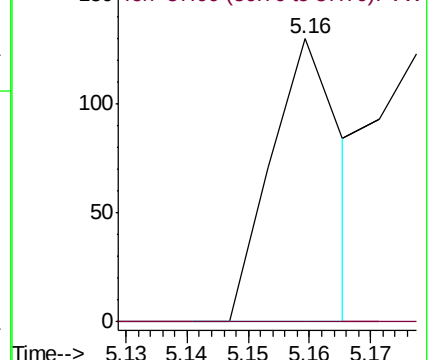
Ion Ratio Lower Upper

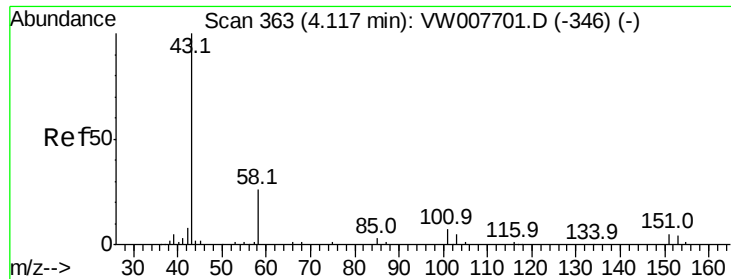
59 100

57 0.0 7.8 11.8#



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





#16

Acetone

Concen: 34.243 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

Instrument :

MSVOA_W

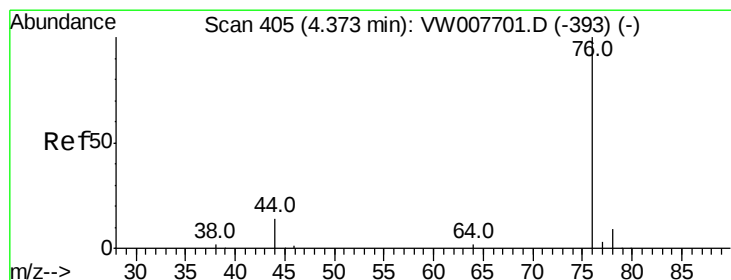
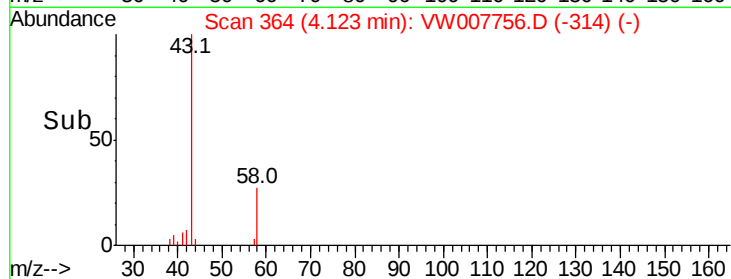
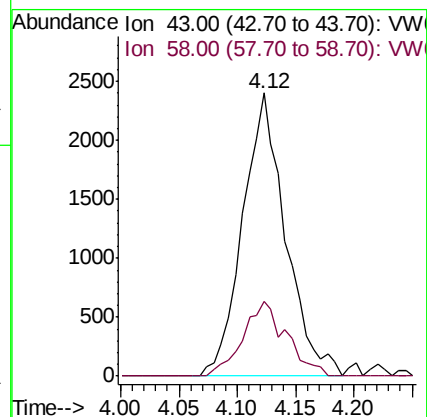
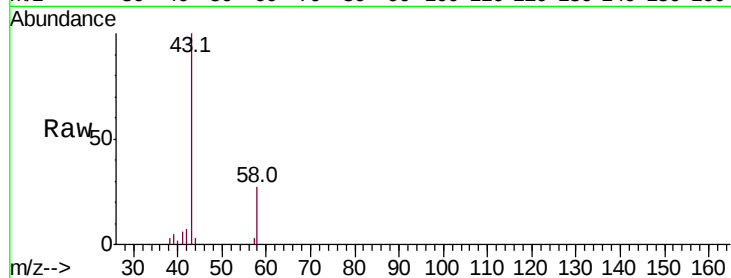
ClientSampled :

Tot Ion: 43 Resp: 6142

Ion Ratio Lower Upper

43 100

58 26.5 21.2 31.8



#17

Carbon Disulfide

Concen: 1.375 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW007756.D

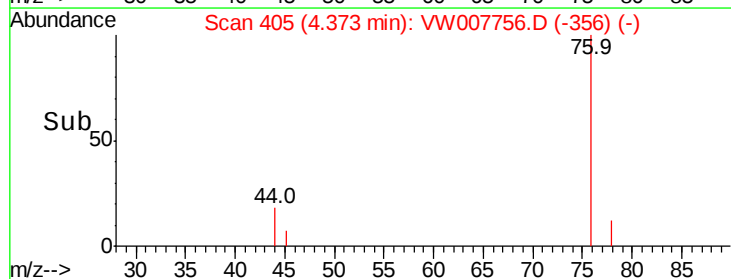
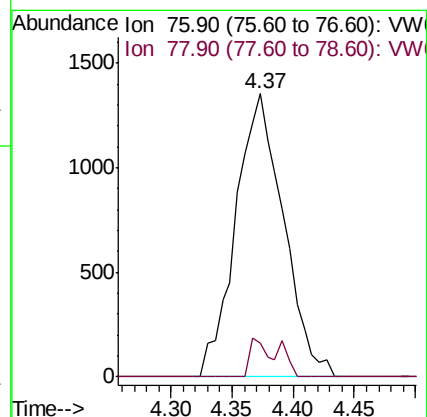
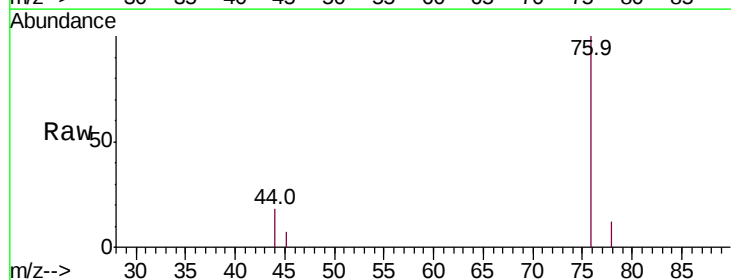
Acq: 20 Dec 2018 19:16

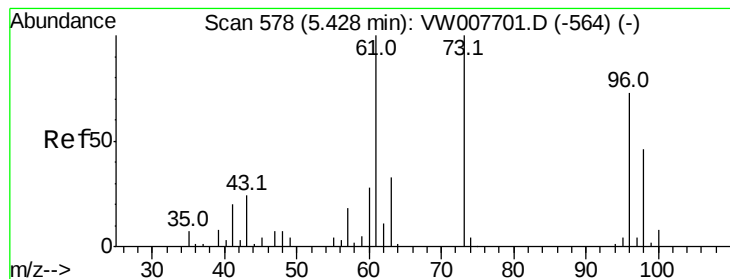
Tgt Ion: 76 Resp: 3669

Ion Ratio Lower Upper

76 100

78 11.8 7.3 10.9#



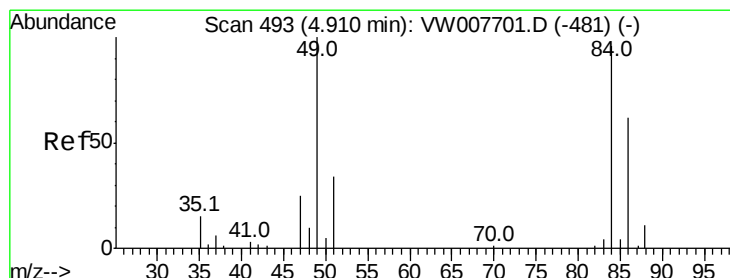
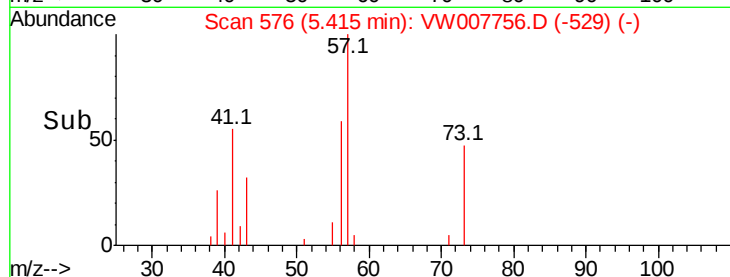
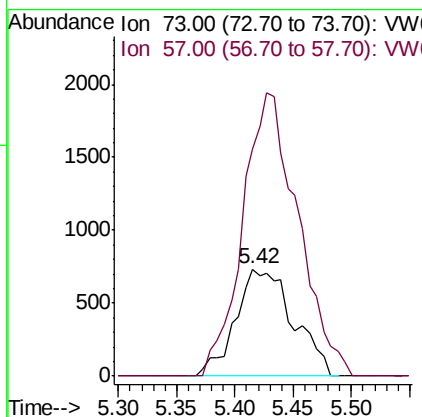
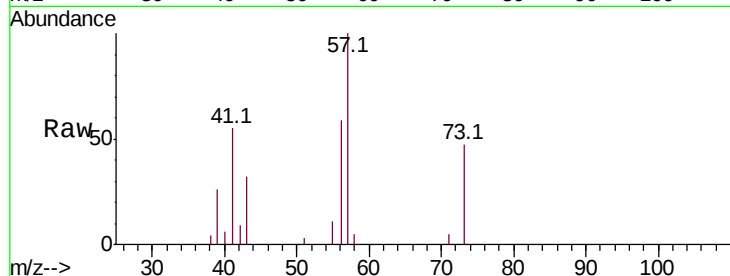


#19

Methyl tert-butyl Ether
 Concen: 2.039 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW007756.D
 Acq: 20 Dec 2018 19:16

Instrument :
 MSVOA_W
 ClientSampled :

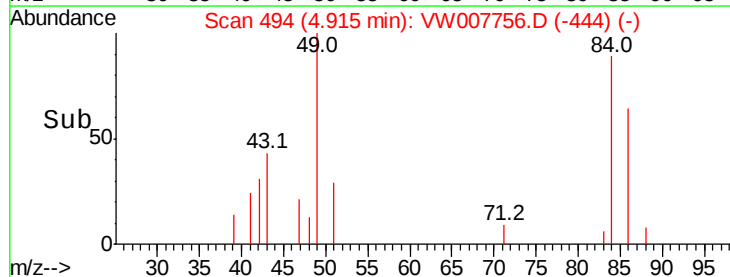
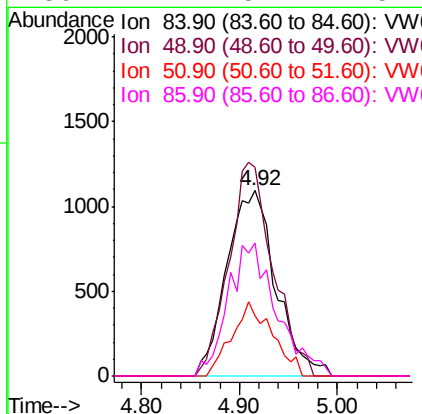
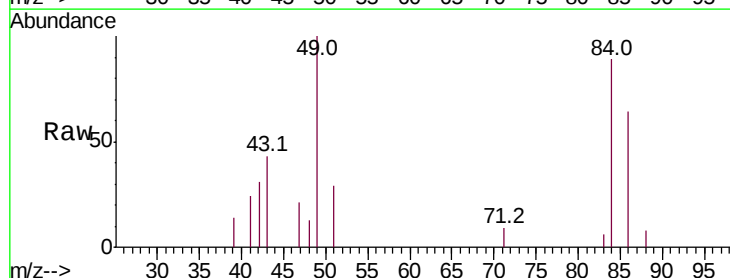
Tot Ion: 73 Resp: 2524
 Ion Ratio Lower Upper
 73 100
 57 212.8 14.7 22.1#

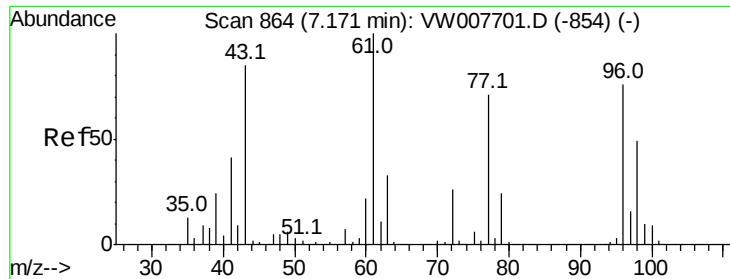


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW007756.D
 Acq: 20 Dec 2018 19:16

Tgt Ion: 84 Resp: 3801
 Ion Ratio Lower Upper
 84 100
 49 112.3 83.7 125.5
 51 32.5 28.2 42.2
 86 72.1 52.2 78.2

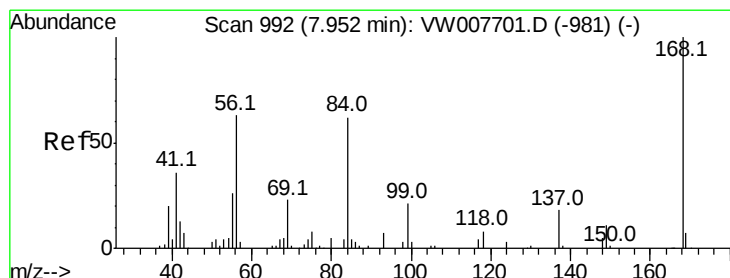
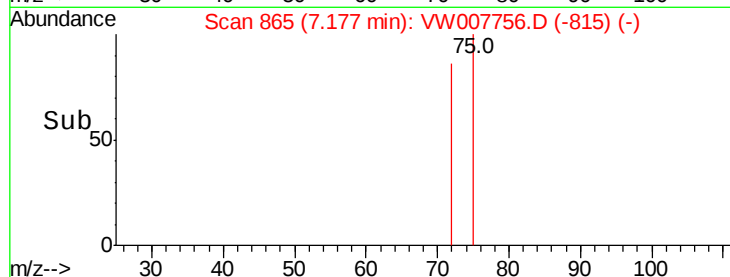
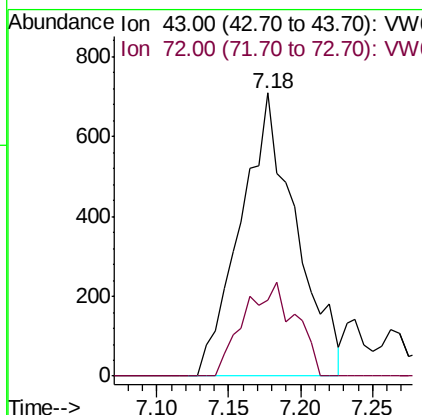
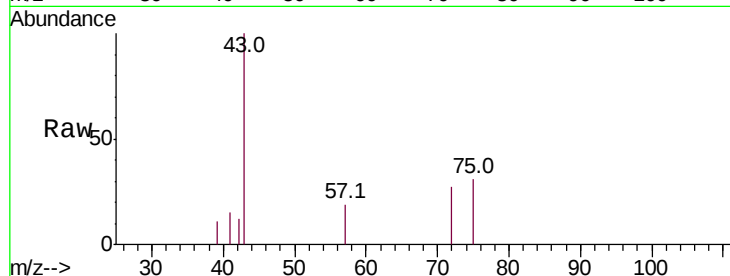




#25
2-Butanone
Concen: 9.034 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007756.D
Acq: 20 Dec 2018 19:16

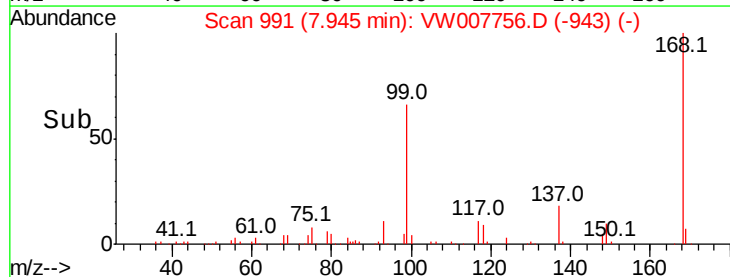
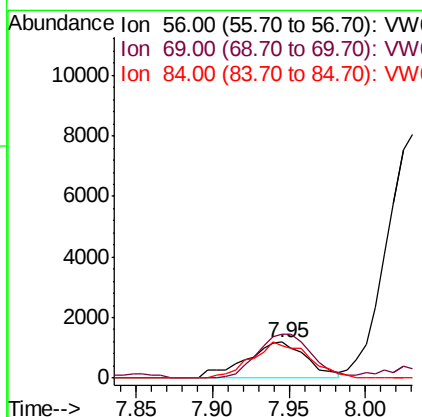
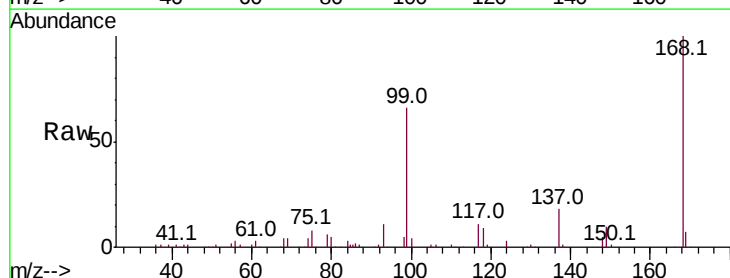
Instrument :
MSVOA_W
ClientSampleId :

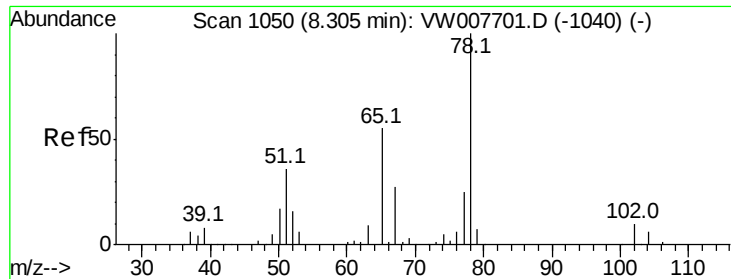
Tot Ion: 43 Resp: 1898
Ion Ratio Lower Upper
43 100
72 27.1 24.5 36.7



#31
Cyclohexane
Concen: 2.308 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007756.D
Acq: 20 Dec 2018 19:16

Tgt Ion: 56 Resp: 3291
Ion Ratio Lower Upper
56 100
69 123.5 29.7 44.5#
84 92.1 78.9 118.3

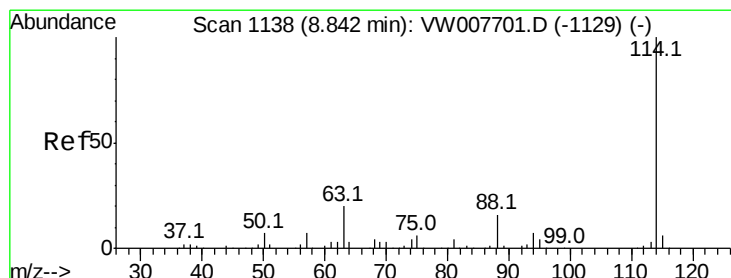
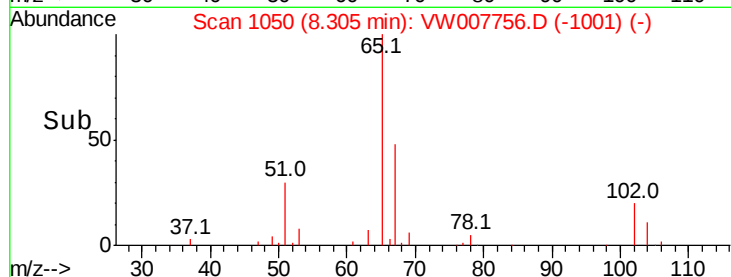
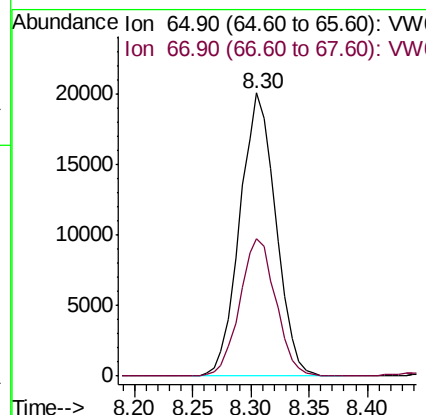
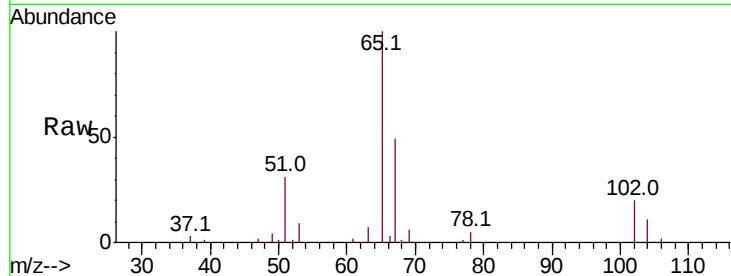




#33
 1,2-Dichloroethane-d4
 Concen: 45.110 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007756.D
 Acq: 20 Dec 2018 19:16

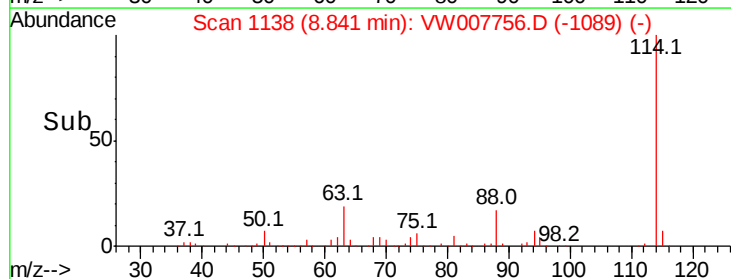
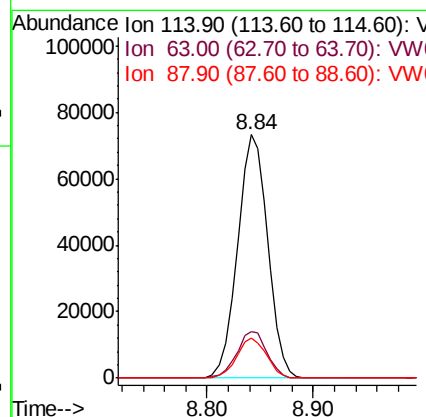
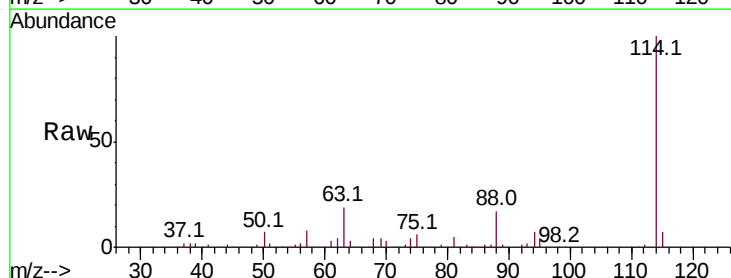
Instrument :
 MSVOA_W
 ClientSampled :

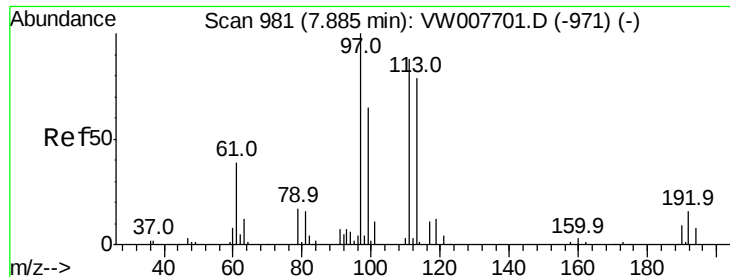
Tot Ion: 65 Resp: 43208
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007756.D
 Acq: 20 Dec 2018 19:16

Tgt Ion: 114 Resp: 145741
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 41.068 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

Instrument :
MSVOA_W
ClientSampleId :

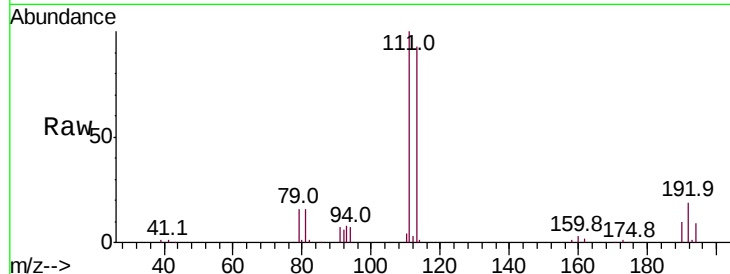
Tot Ion:113 Resp: 36513

Ion Ratio Lower Upper

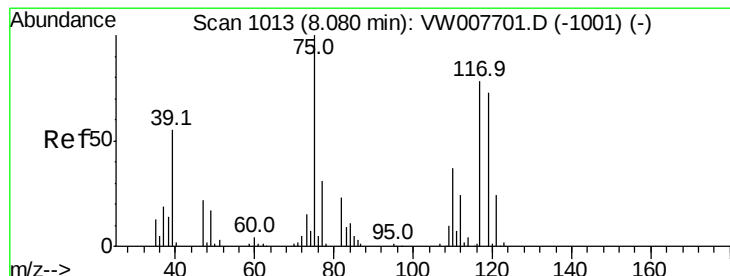
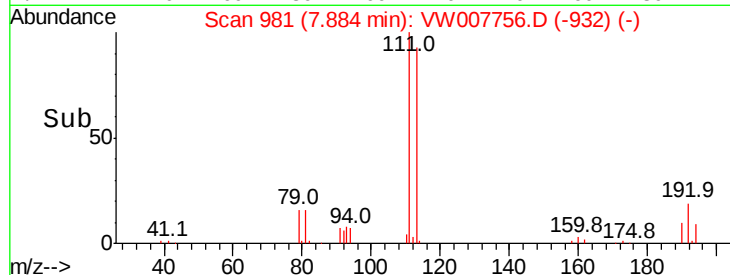
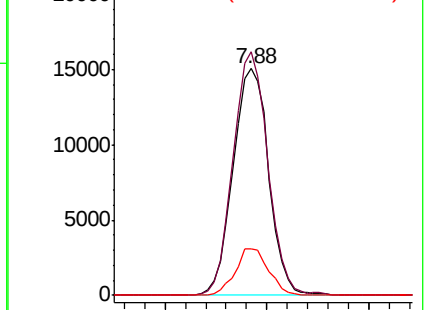
113 100

111 104.7 82.6 124.0

192 19.2 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.585 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

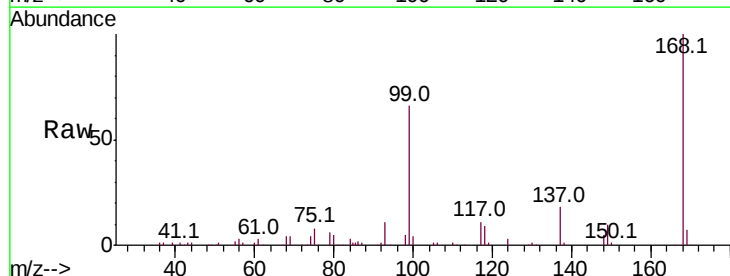
Tgt Ion: 75 Resp: 6449

Ion Ratio Lower Upper

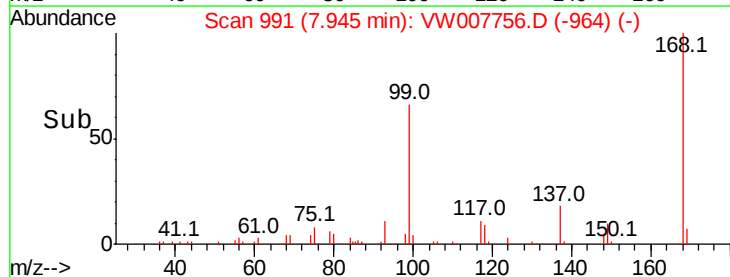
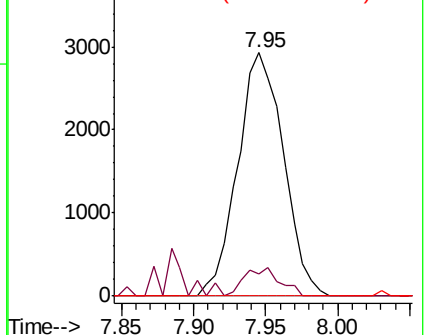
75 100

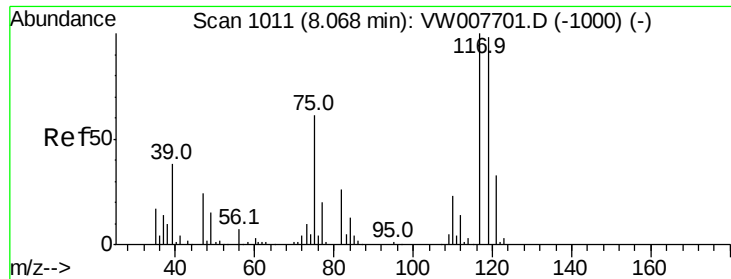
110 8.9 18.6 55.8#

77 0.0 25.0 37.4#



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

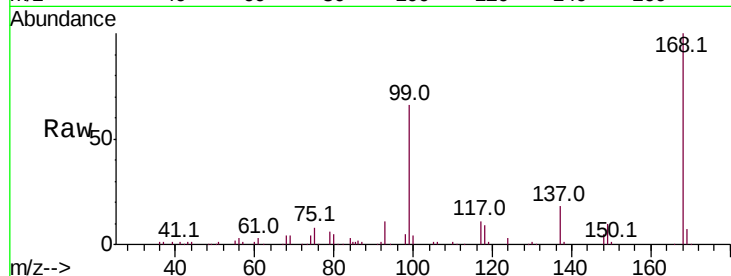




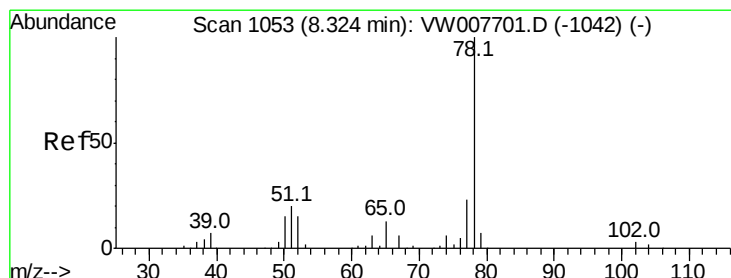
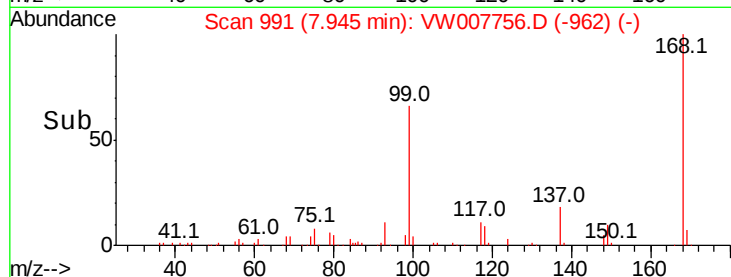
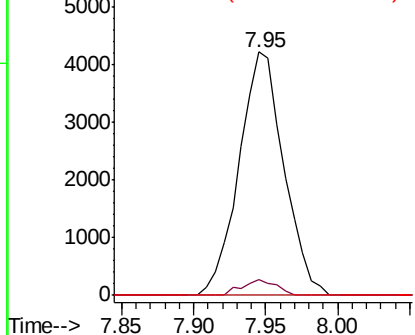
#38
Carbon Tetrachloride
Concen: 5.467 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007756.D
Acq: 20 Dec 2018 19:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 9056
Ion Ratio Lower Upper
117 100
119 6.7 78.2 117.2#
121 0.0 26.1 39.1#

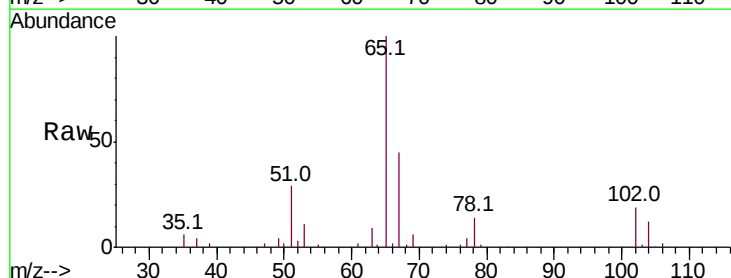


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

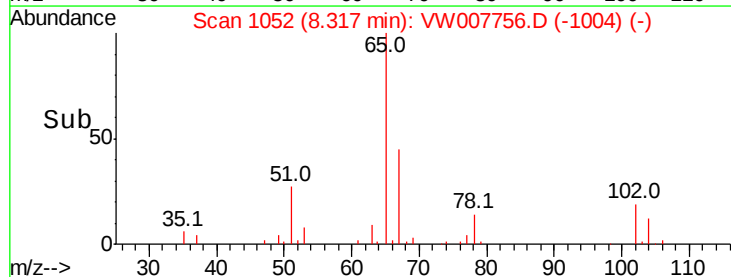
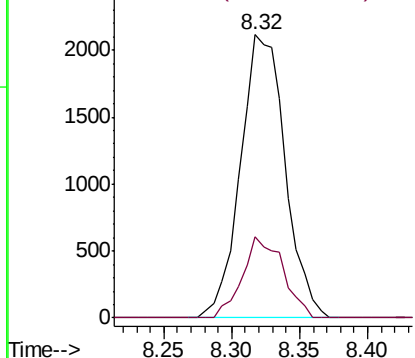


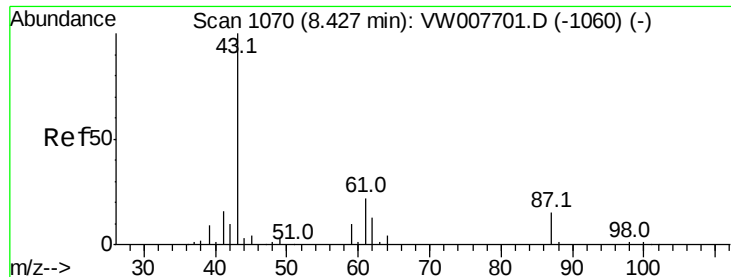
#40
Benzene
Concen: 1.297 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW007756.D
Acq: 20 Dec 2018 19:16

Tgt Ion: 78 Resp: 4869
Ion Ratio Lower Upper
78 100
77 28.7 18.7 28.1#



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#43

Isopropyl Acetate

Concen: 2.307 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

Instrument :

MSVOA_W

ClientSampleId :

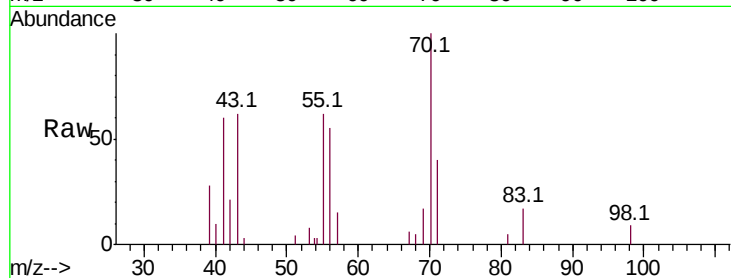
Tot Ion: 43 Resp: 2244

Ion Ratio Lower Upper

43 100

61 0.0 26.3 39.5#

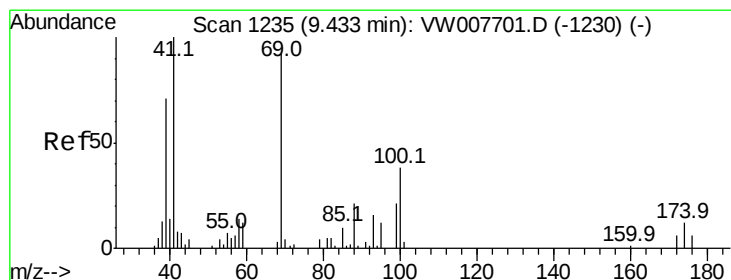
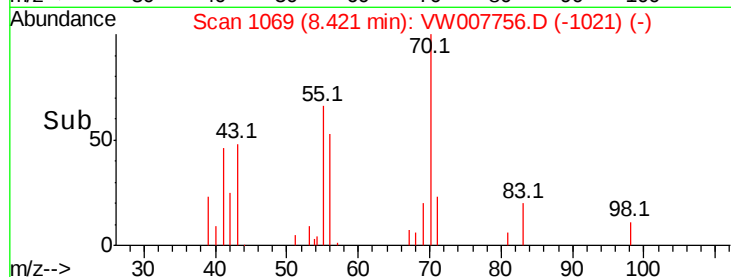
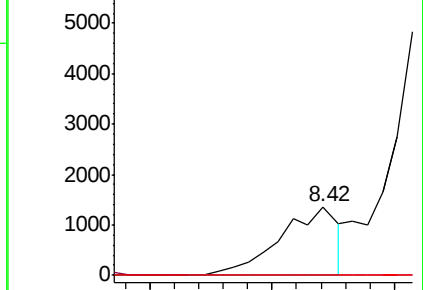
87 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#48

Methyl methacrylate

Concen: 3.199 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.03 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

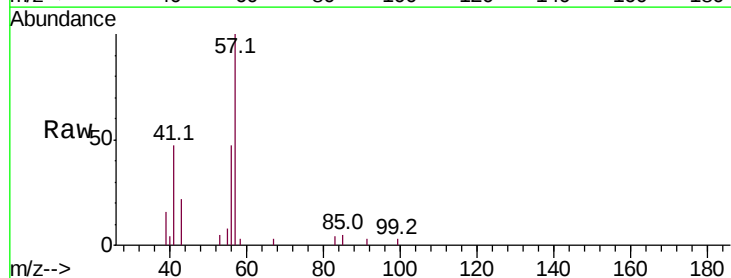
Tgt Ion: 41 Resp: 1553

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

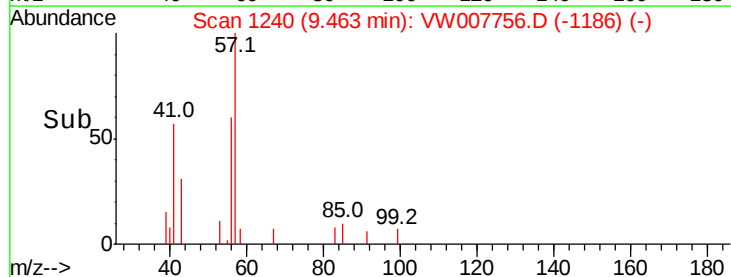
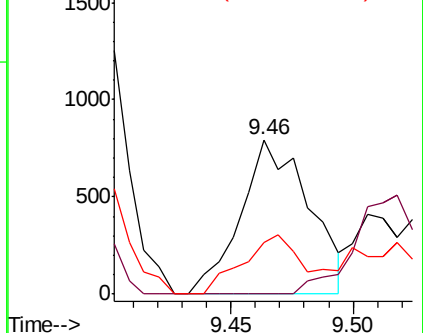
39 36.8 53.9 80.9#

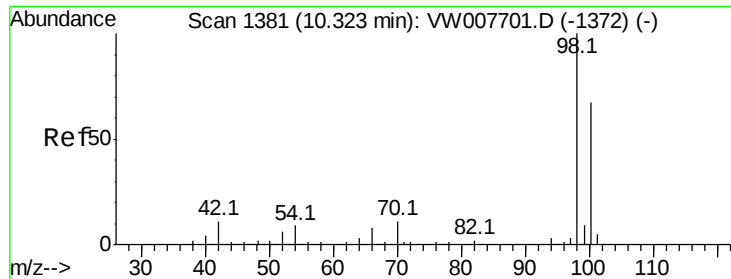


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 38.377 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

Instrument :

MSVOA_W

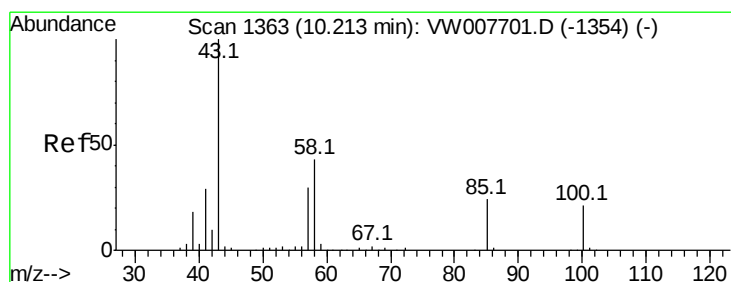
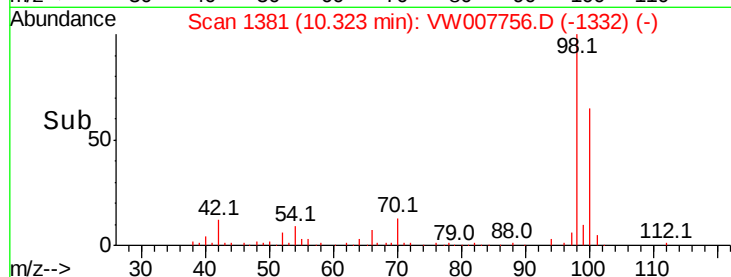
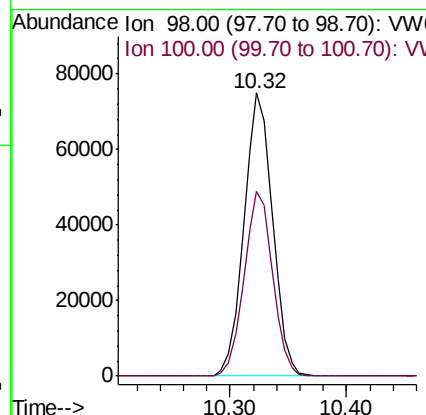
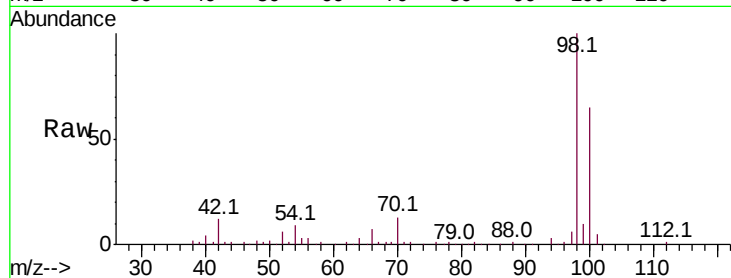
ClientSampled :

Tot Ion: 98 Resp: 128630

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 6.770 ug/l

RT: 10.26 min Scan# 1370

Delta R.T. 0.04 min

Lab File: VW007756.D

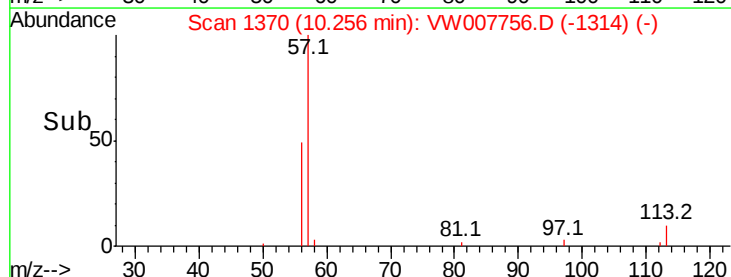
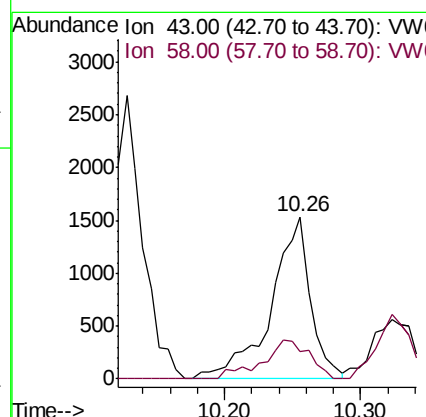
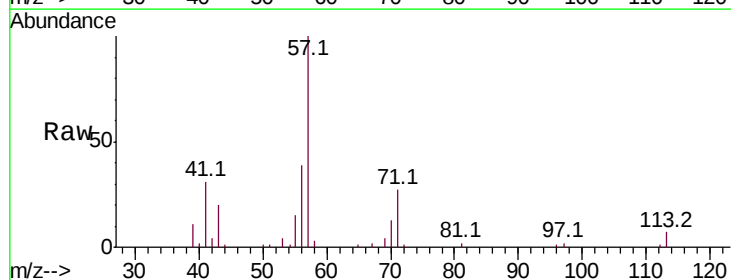
Acq: 20 Dec 2018 19:16

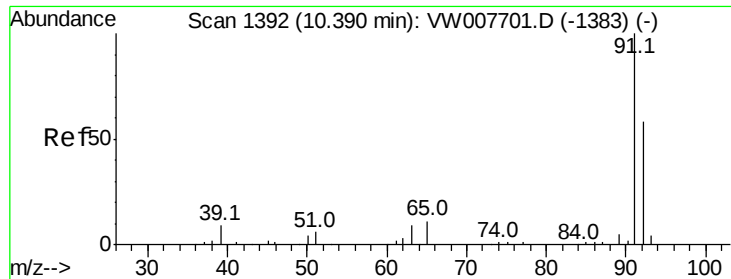
Tgt Ion: 43 Resp: 3112

Ion Ratio Lower Upper

43 100

58 28.5 33.2 49.8#





#52

Toluene

Concen: 13.435 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

Instrument :

MSVOA_W

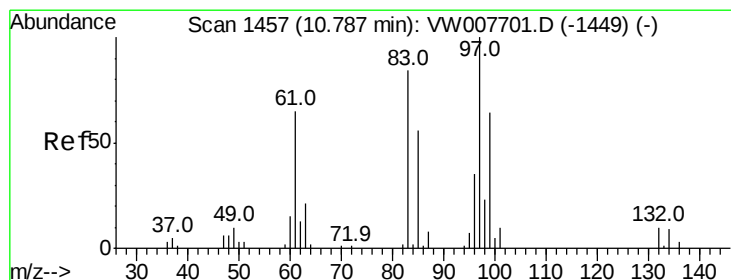
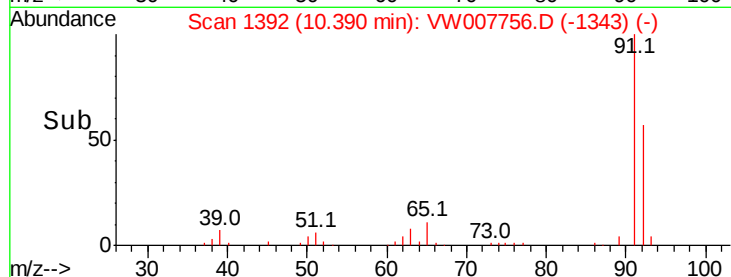
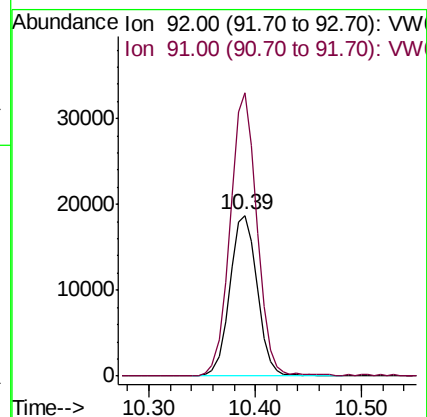
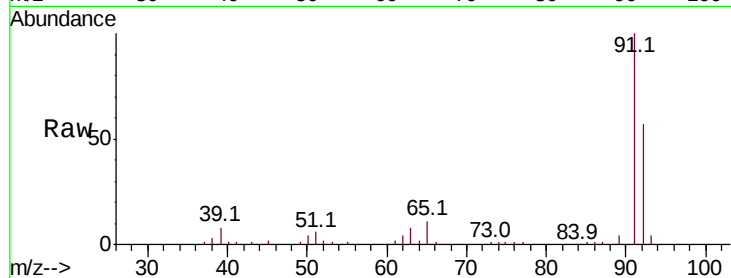
ClientSampleId :

Tot Ion: 92 Resp: 33836

Ion Ratio Lower Upper

92 100

91 171.8 137.0 205.4



#55

1,1,2-Trichloroethane

Concen: 5.215 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

Tgt Ion: 97 Resp: 3686

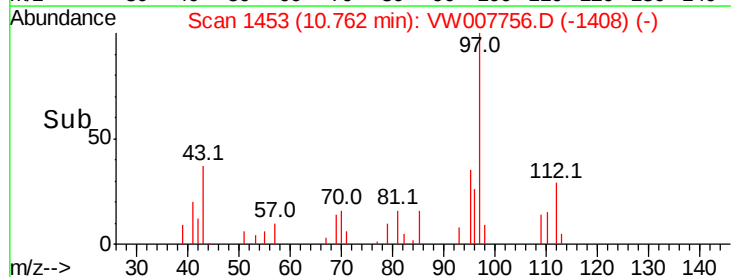
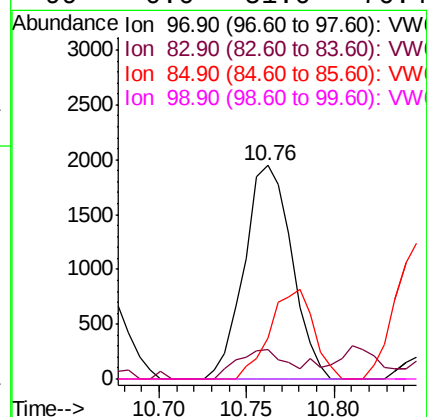
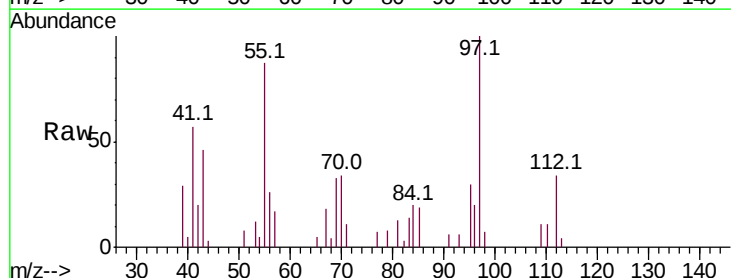
Ion Ratio Lower Upper

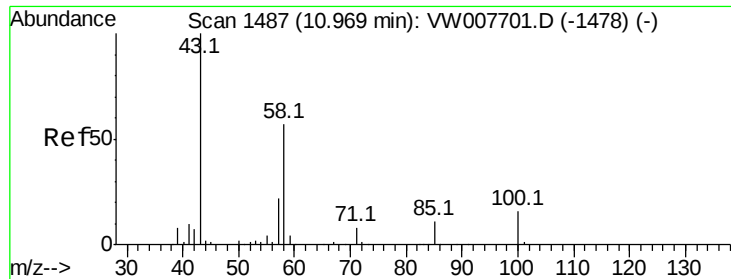
97 100

83 13.8 67.5 101.3#

85 19.2 44.8 67.2#

99 0.0 51.0 76.4#

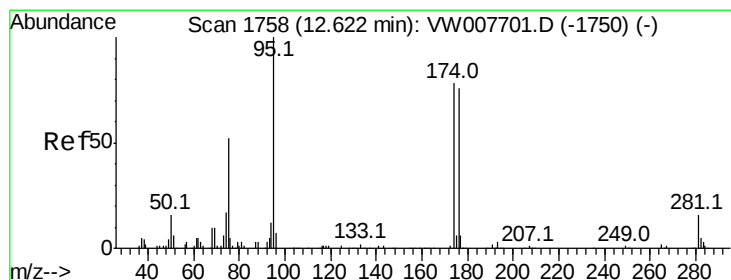
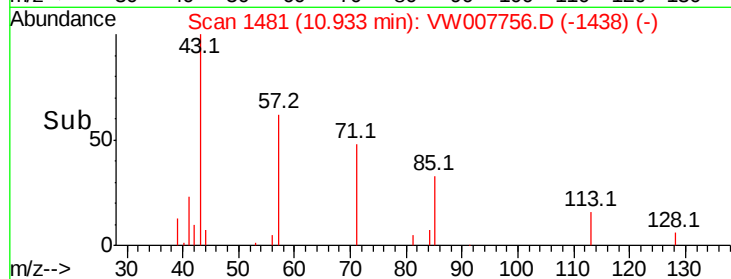
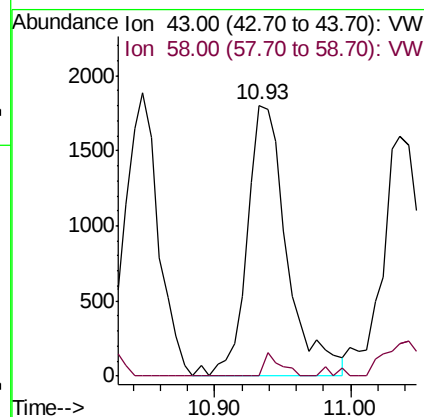
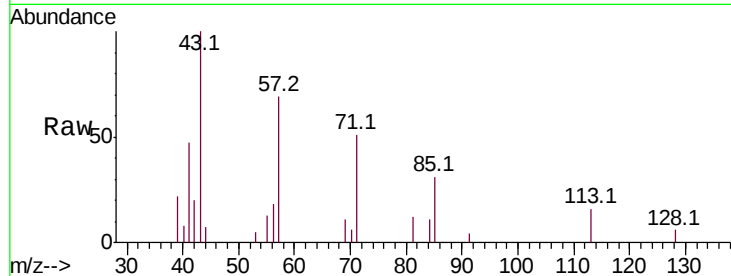




#59
2-Hexanone
Concen: 11.458 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW007756.D
Acq: 20 Dec 2018 19:16

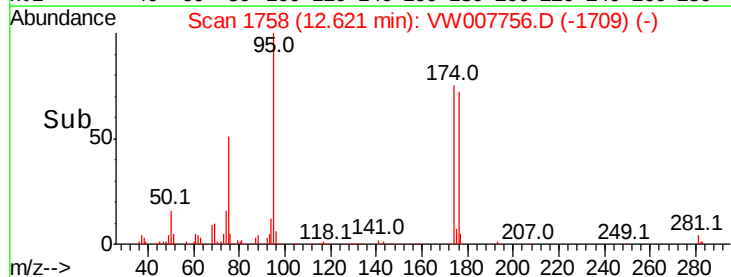
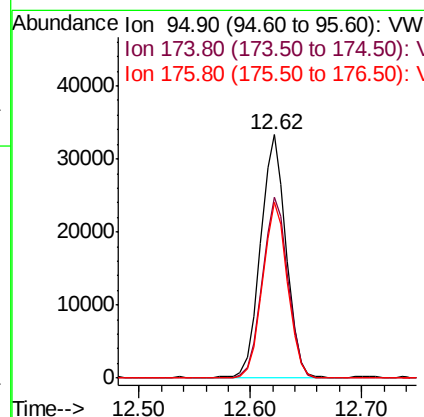
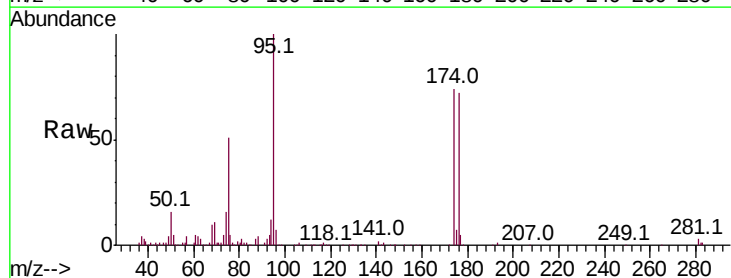
Instrument :
MSVOA_W
ClientSampleId :

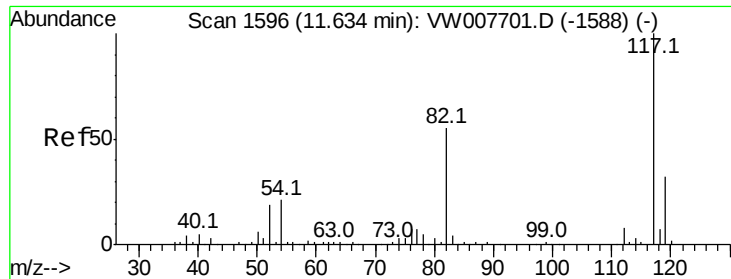
Tot Ion: 43 Resp: 3704
Ion Ratio Lower Upper
43 100
58 3.6 27.7 83.1#



#62
4-Bromofluorobenzene
Concen: 40.760 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007756.D
Acq: 20 Dec 2018 19:16

Tgt Ion: 95 Resp: 52778
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.2
176 71.4 0.0 146.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

Instrument :

MSVOA_W

ClientSampleId :

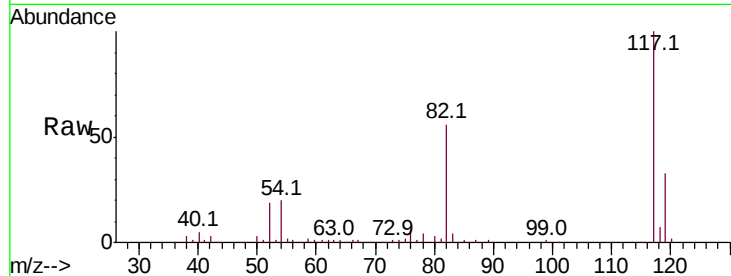
Tot Ion:117 Resp: 129720

Ion Ratio Lower Upper

117 100

82 55.5 44.3 66.5

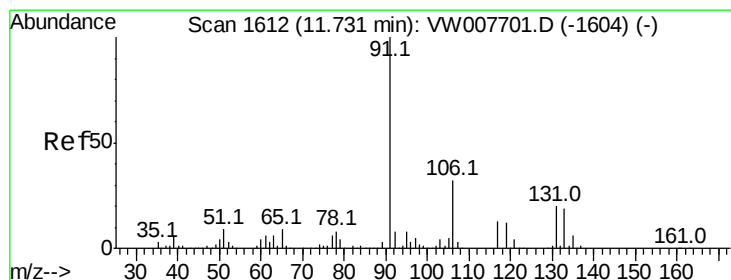
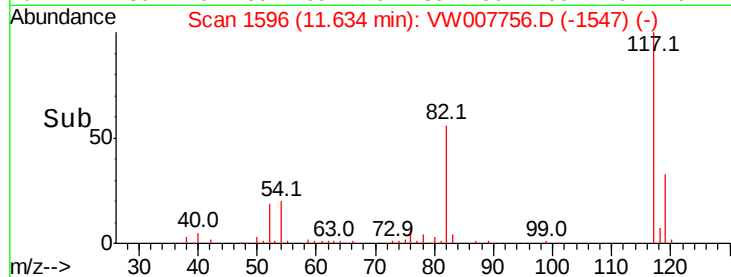
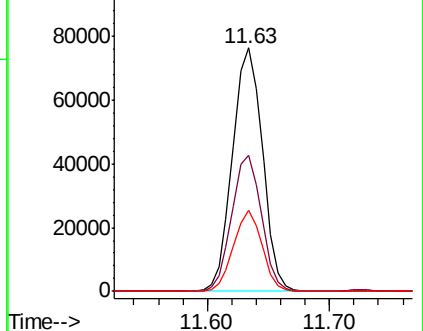
119 33.3 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 4.729 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007756.D

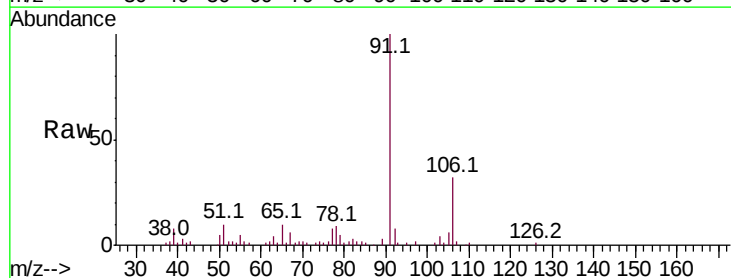
Acq: 20 Dec 2018 19:16

Tgt Ion: 91 Resp: 22786

Ion Ratio Lower Upper

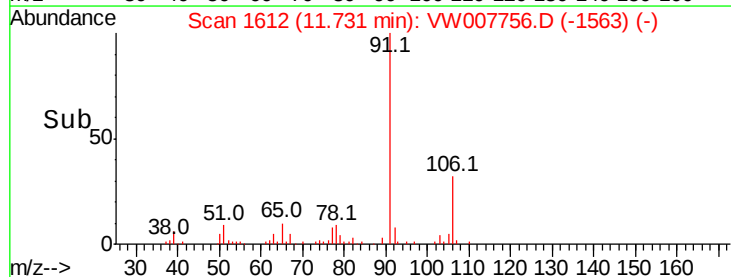
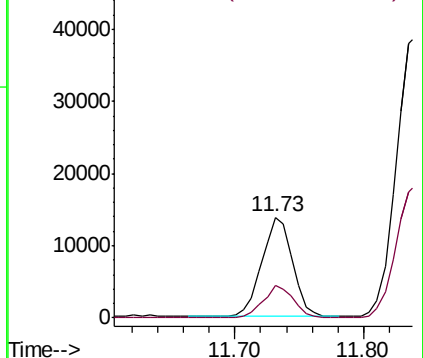
91 100

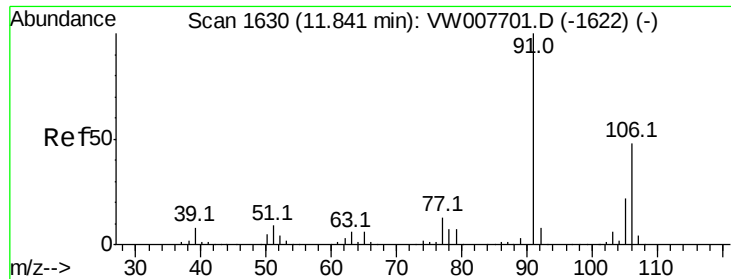
106 31.6 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

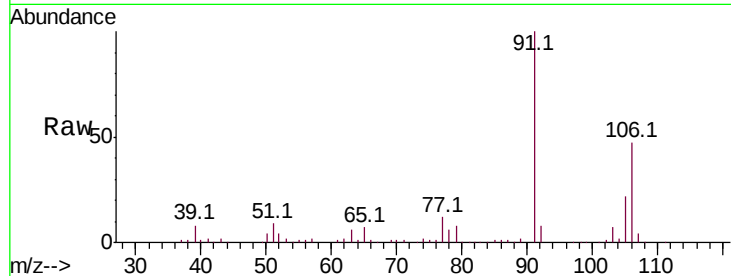




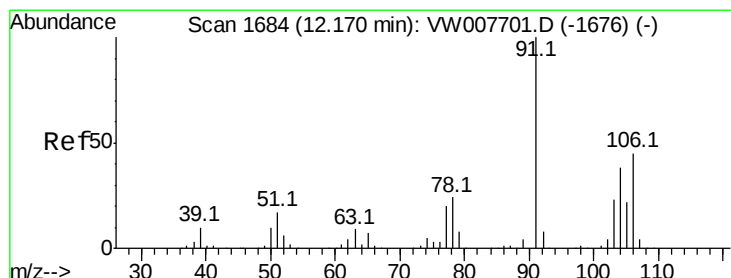
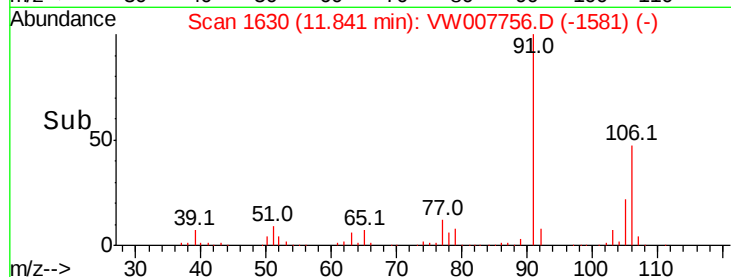
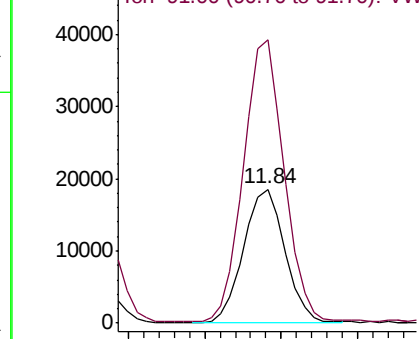
#68
m/p-Xylenes
Concen: 18.508 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007756.D
Acq: 20 Dec 2018 19:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 34590
Ion Ratio Lower Upper
106 100
91 207.3 165.2 247.8

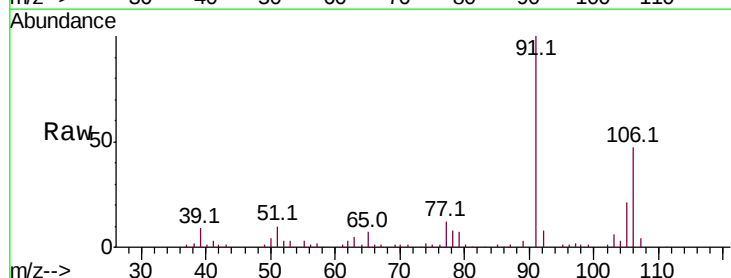


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

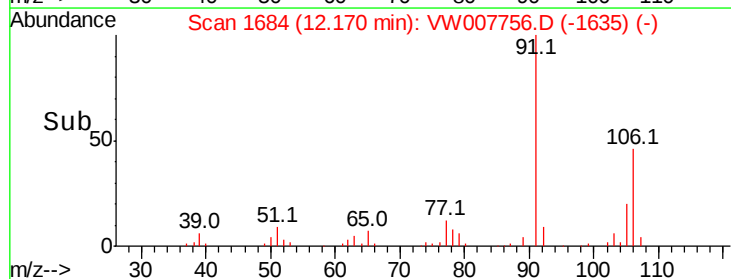
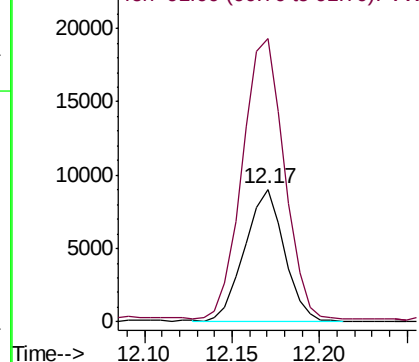


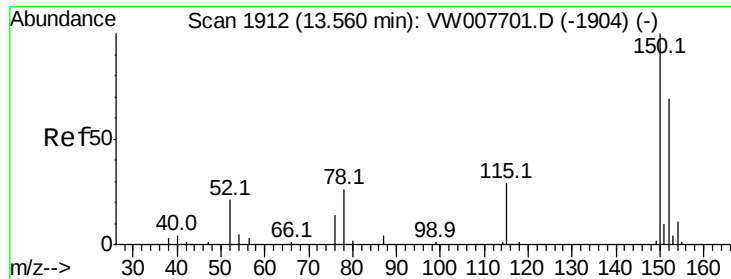
#69
o-Xylene
Concen: 8.194 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007756.D
Acq: 20 Dec 2018 19:16

Tgt Ion:106 Resp: 14356
Ion Ratio Lower Upper
106 100
91 220.1 110.5 331.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

Instrument :

MSVOA_W

ClientSampleId :

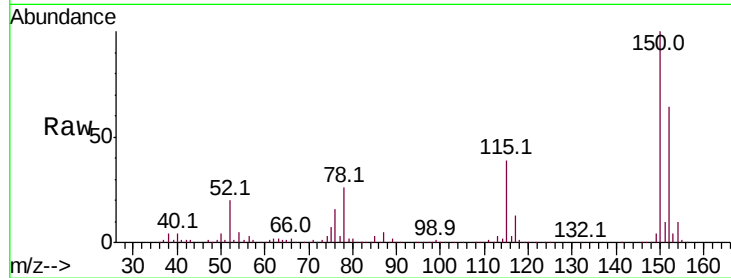
Tot Ion:152 Resp: 63872

Ion Ratio Lower Upper

152 100

115 63.0 31.8 95.4

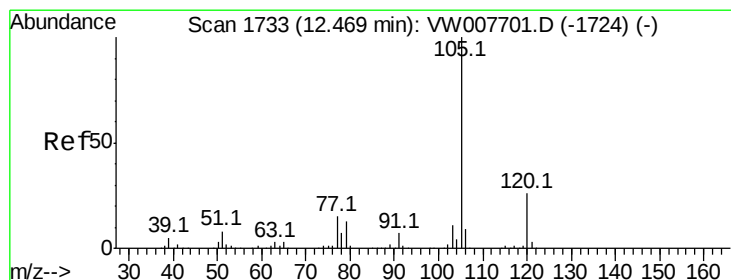
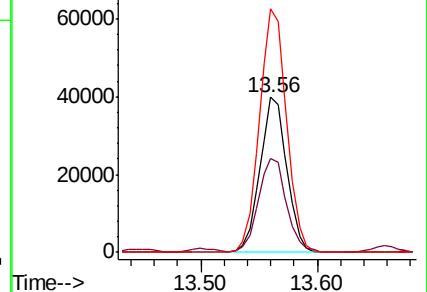
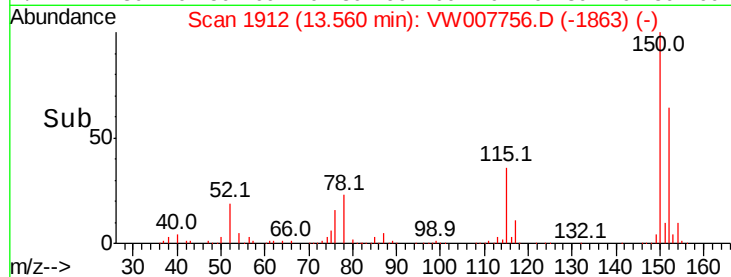
150 157.4 0.0 350.8



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: 6.378 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007756.D

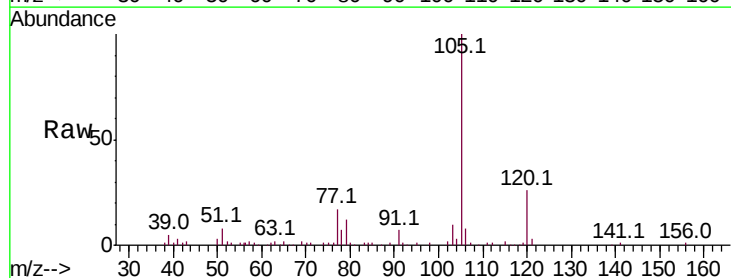
Acq: 20 Dec 2018 19:16

Tgt Ion:105 Resp: 30793

Ion Ratio Lower Upper

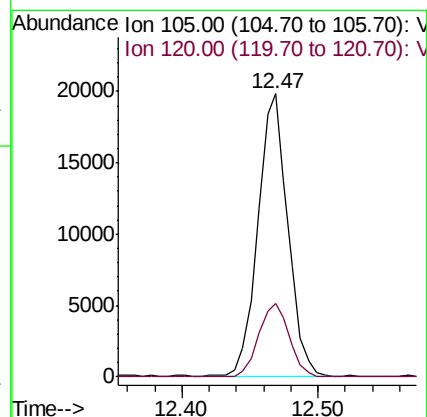
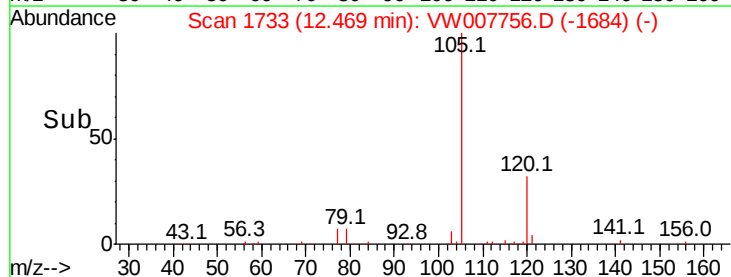
105 100

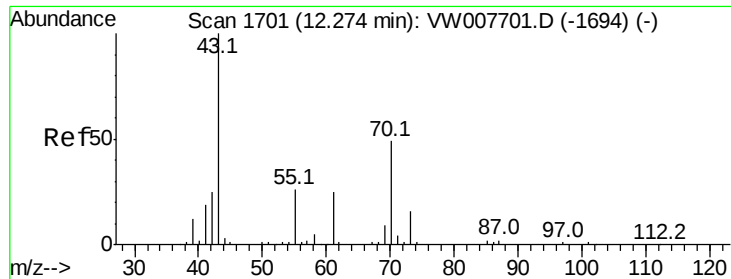
120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.260 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 1890

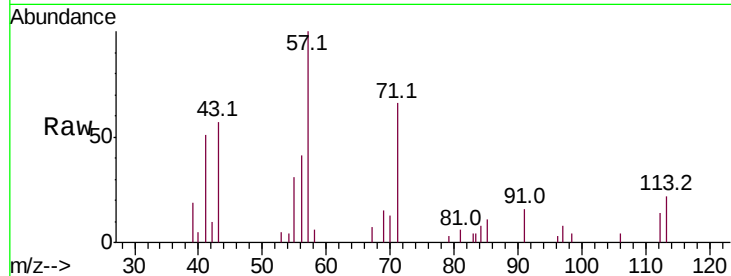
Ion Ratio Lower Upper

43 100

70 12.2 37.6 56.4#

55 9.9 21.7 32.5#

61 0.0 20.1 30.1#

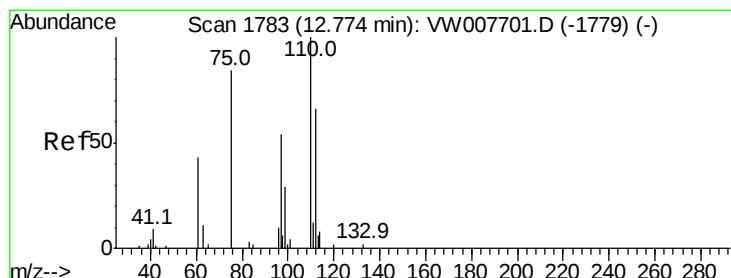
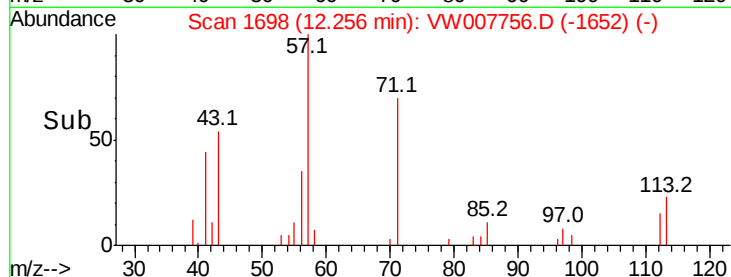
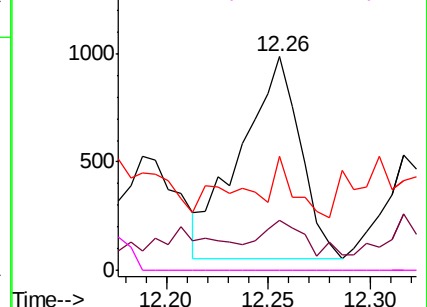


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 54.174 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007756.D

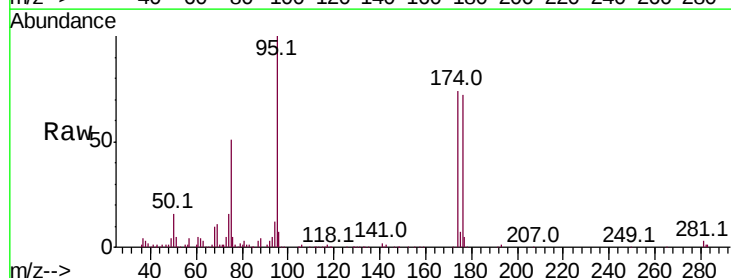
Acq: 20 Dec 2018 19:16

Tgt Ion: 75 Resp: 26744

Ion Ratio Lower Upper

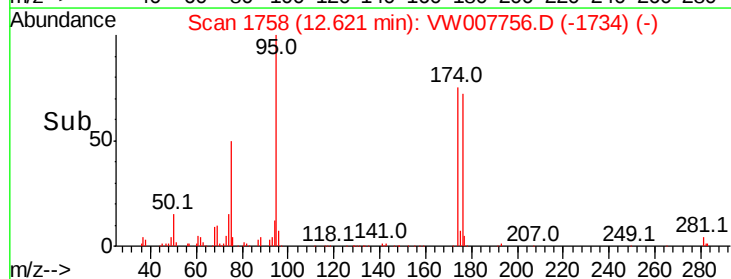
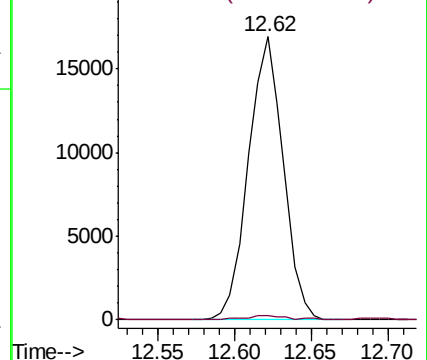
75 100

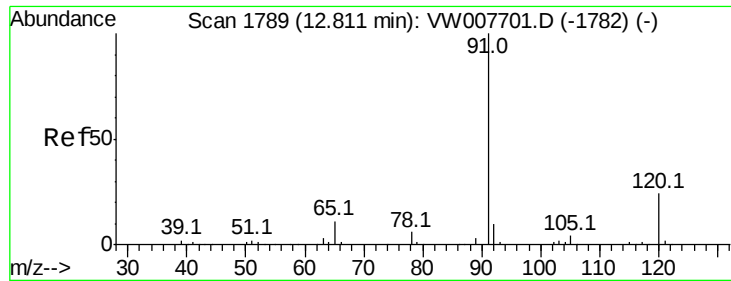
77 2.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 6.798 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

Instrument :

MSVOA_W

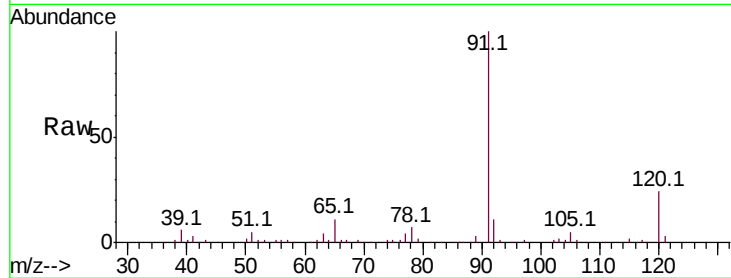
ClientSampled :

Tot Ion: 91 Resp: 38203

Ion Ratio Lower Upper

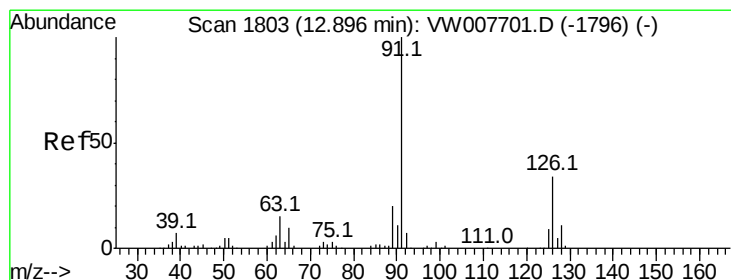
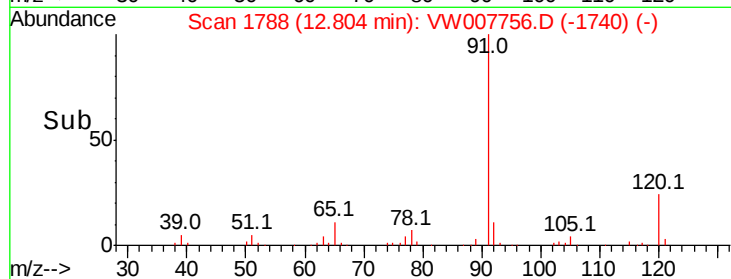
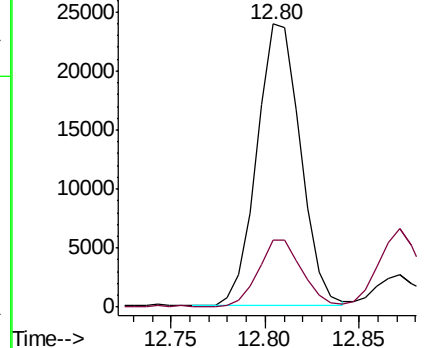
91 100

120 24.4 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.028 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW007756.D

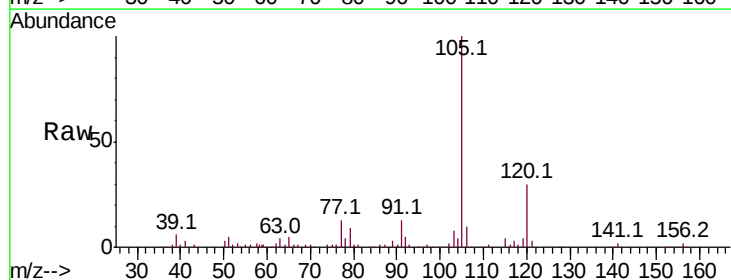
Acq: 20 Dec 2018 19:16

Tgt Ion: 91 Resp: 3366

Ion Ratio Lower Upper

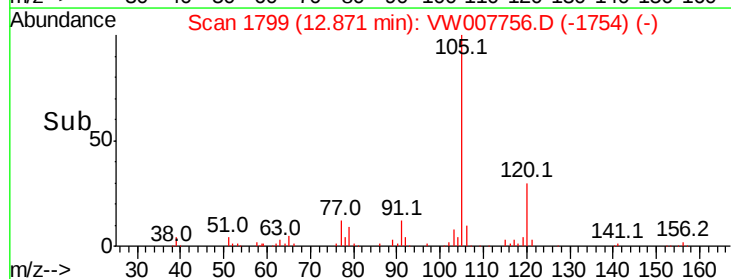
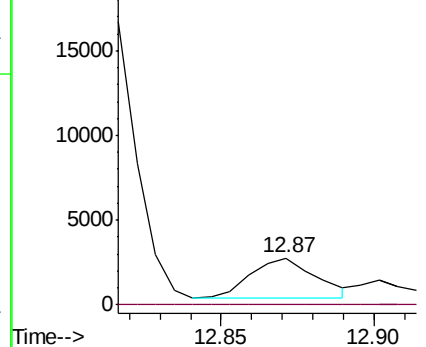
91 100

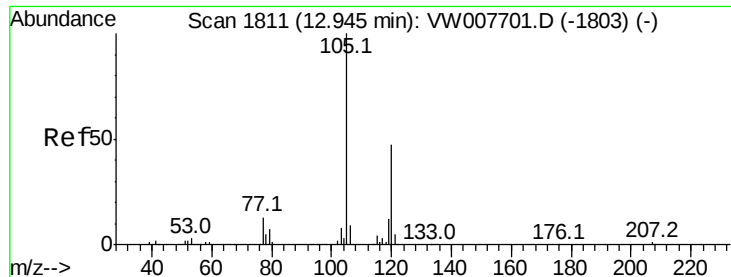
126 0.0 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

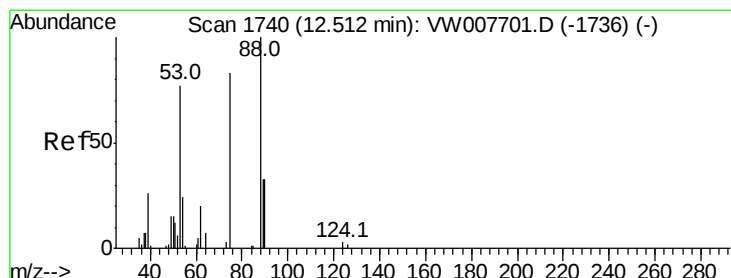
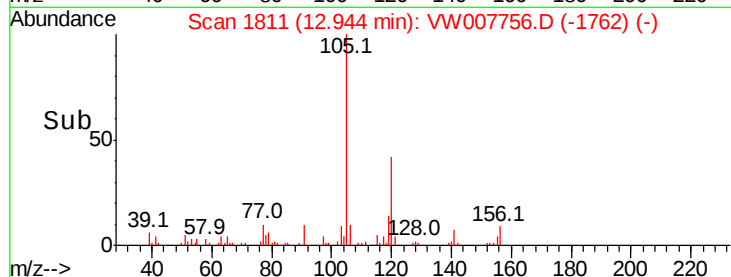
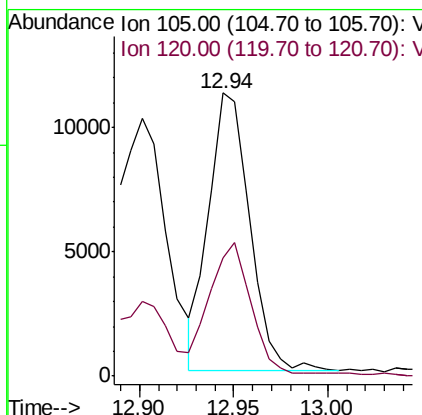
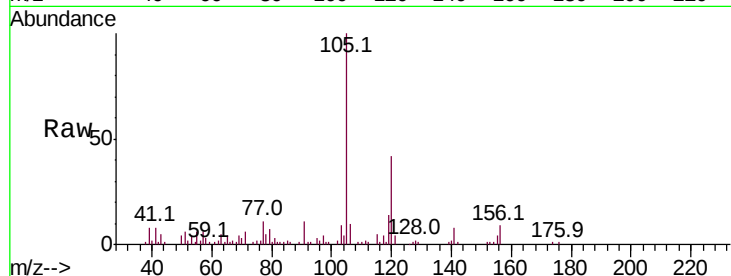




#80
 1,3,5-Trimethylbenzene
 Concen: 4.030 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007756.D
 Acq: 20 Dec 2018 19:16

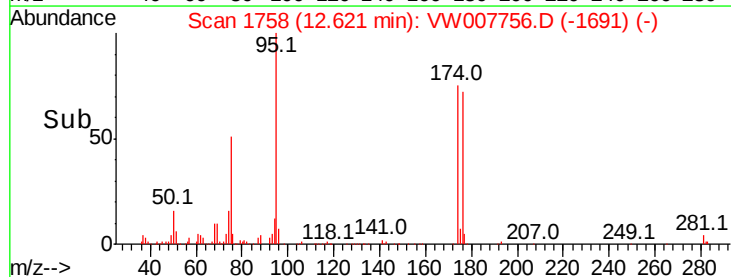
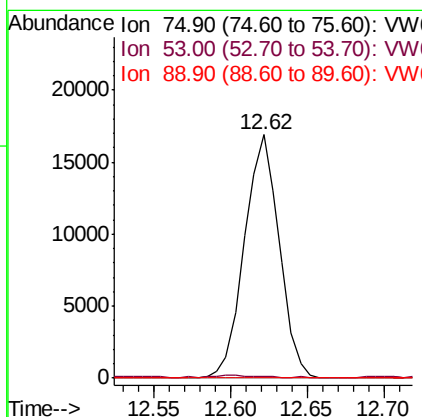
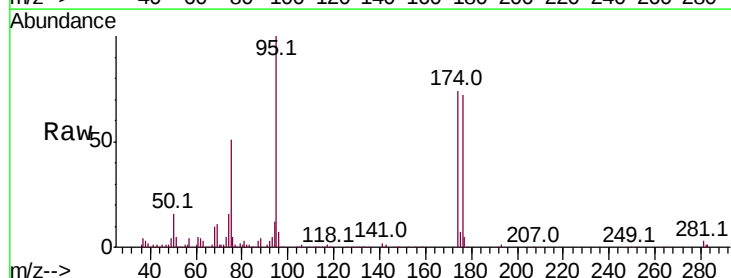
Instrument :
 MSVOA_W
 ClientSampled :

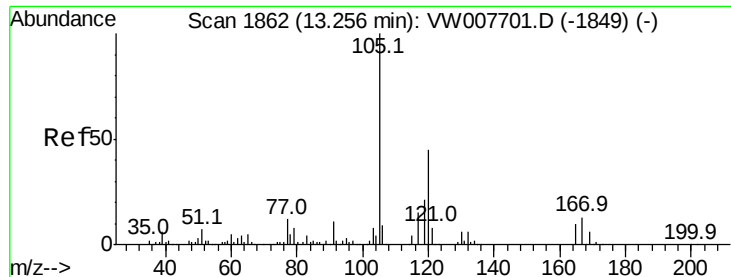
Tot Ion:105 Resp: 16781
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.6 70.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.715 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW007756.D
 Acq: 20 Dec 2018 19:16

Tgt Ion: 75 Resp: 26744
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.2 120.2#
 89 0.0 39.2 58.8#

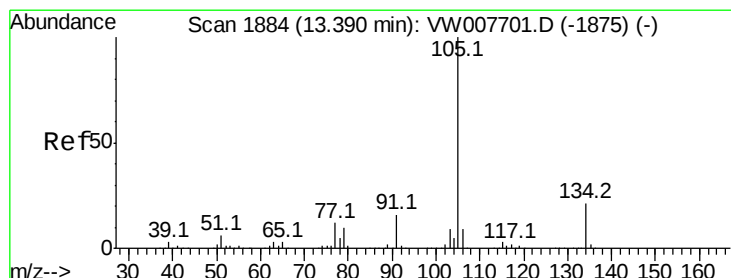
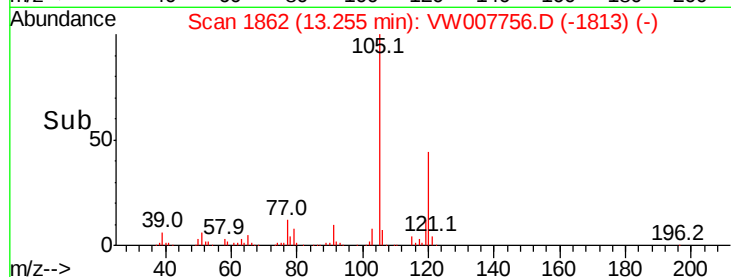
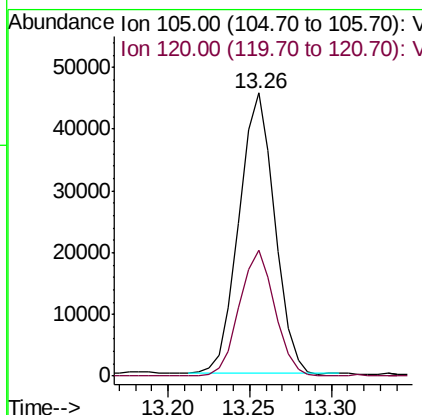
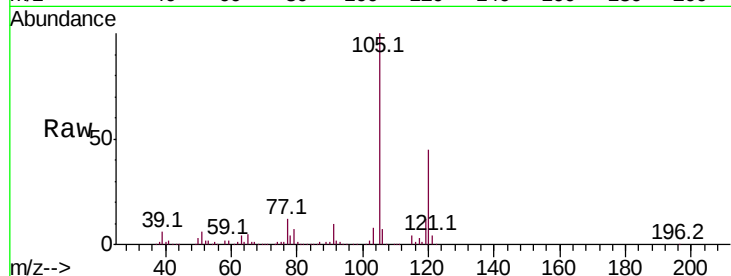




#84
 1,2,4-Trimethylbenzene
 Concen: 16.523 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007756.D
 Acq: 20 Dec 2018 19:16

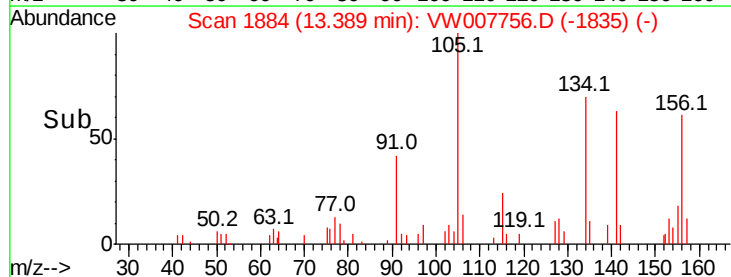
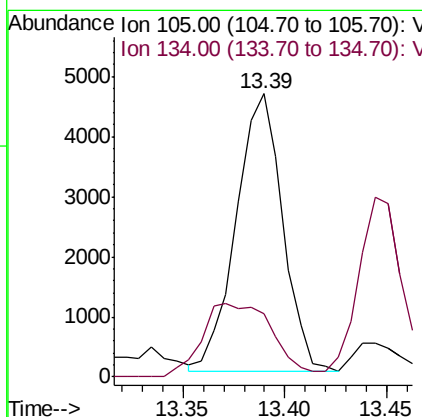
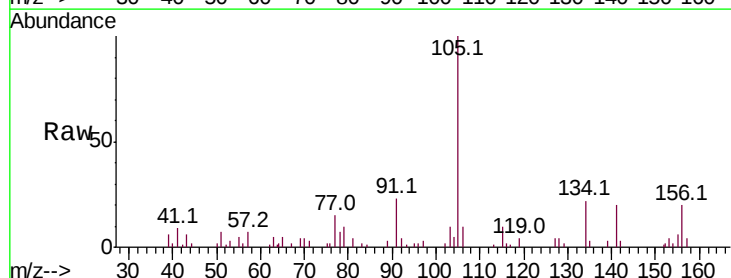
Instrument :
 MSVOA_W
 ClientSampleId :

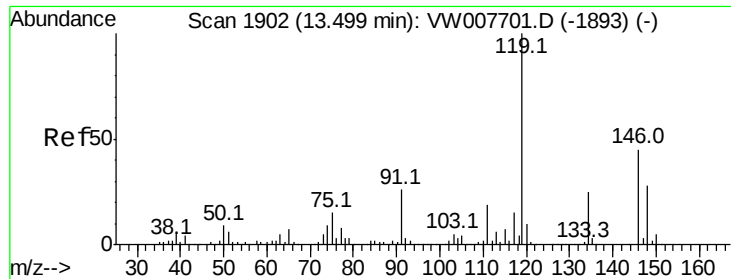
Tot Ion:105 Resp: 69434
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 1.451 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007756.D
 Acq: 20 Dec 2018 19:16

Tgt Ion:105 Resp: 7307
 Ion Ratio Lower Upper
 105 100
 134 40.7 10.2 30.4#

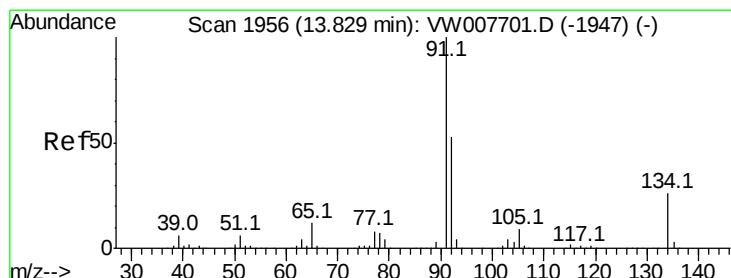
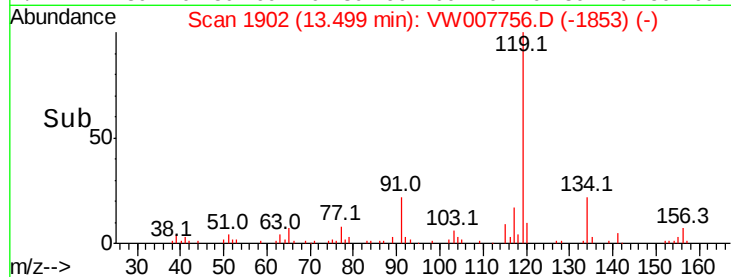
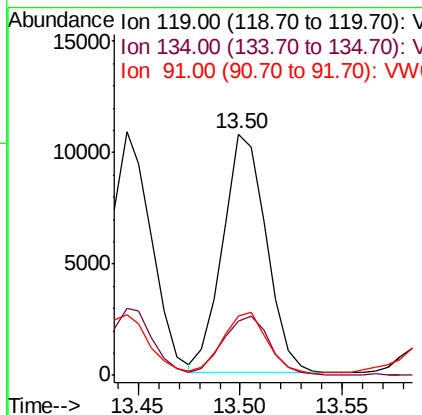
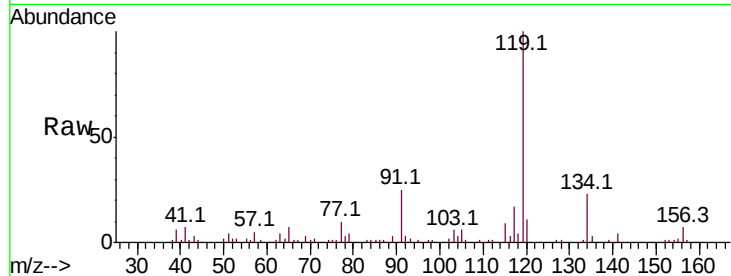




#86
p-Isopropyltoluene
Concen: 3.461 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW007756.D
Acq: 20 Dec 2018 19:16

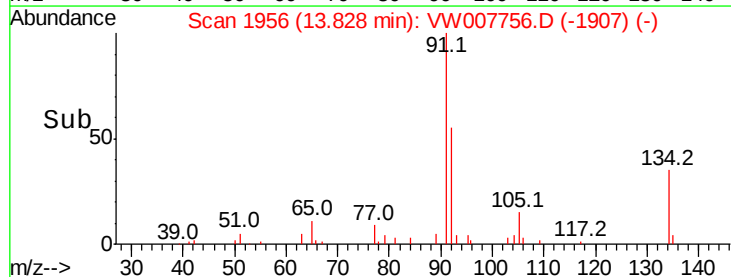
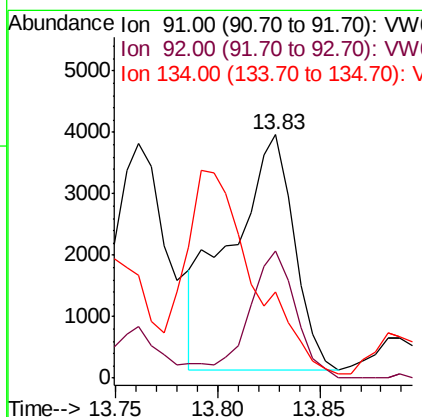
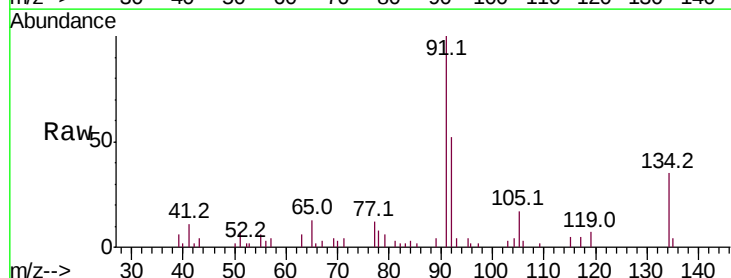
Instrument :
MSVOA_W
ClientSampled :

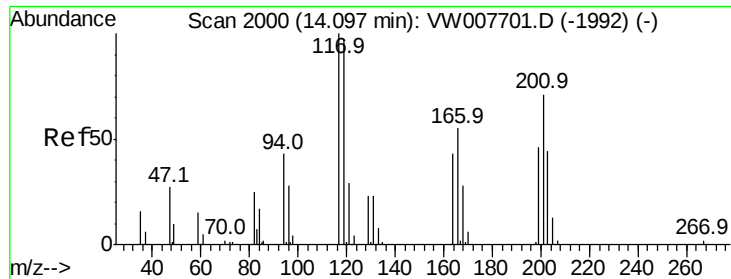
Tot Ion:119 Resp: 15848
Ion Ratio Lower Upper
119 100
134 26.9 13.0 39.0
91 25.7 12.8 38.4



#89
n-Butylbenzene
Concen: 1.973 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007756.D
Acq: 20 Dec 2018 19:16

Tgt Ion: 91 Resp: 8282
Ion Ratio Lower Upper
91 100
92 39.1 26.4 79.2
134 0.0 13.7 41.0#





#90

Hexachloroethane

Concen: 6.751 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

Instrument :

MSVOA_W

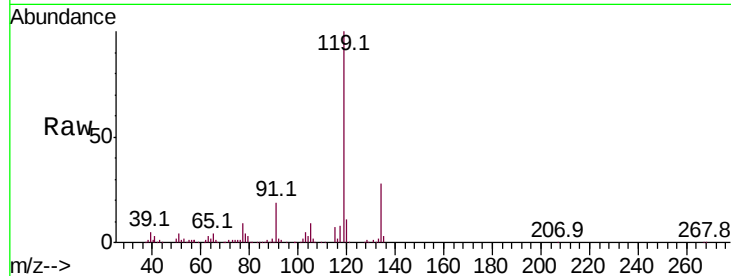
ClientSampleId :

Tot Ion:117 Resp: 5427

Ion Ratio Lower Upper

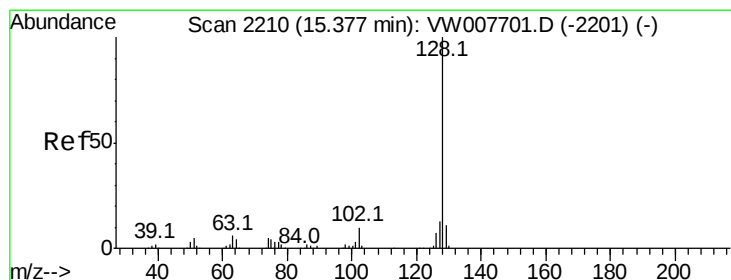
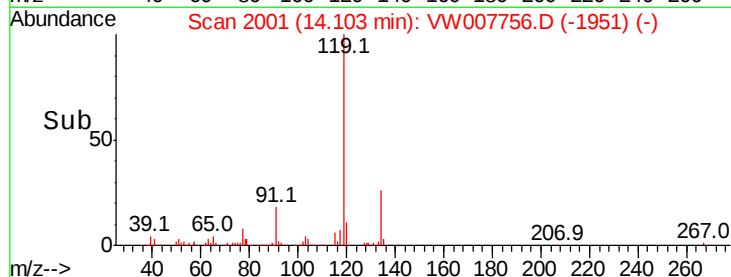
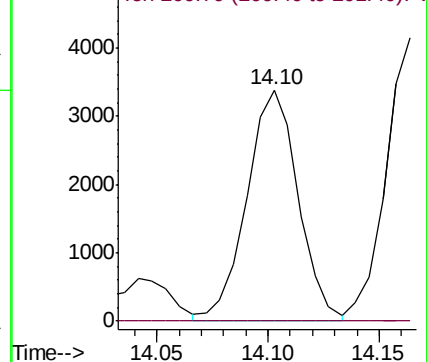
117 100

201 0.0 36.2 108.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 10.491 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007756.D

Acq: 20 Dec 2018 19:16

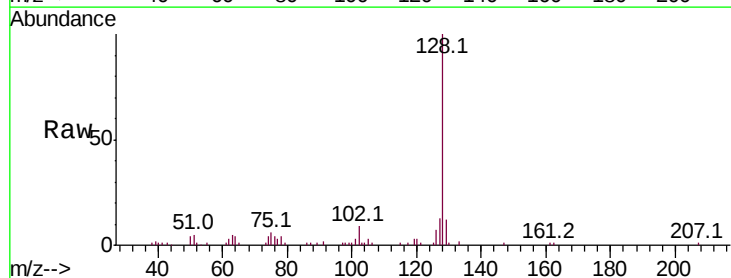
Tgt Ion:128 Resp: 26483

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 12.4 8.8 13.2



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

