

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121818\
 Data File : VW007609.D
 Acq On : 16 Dec 2018 04:41
 Operator : SY/AP
 Sample : J6378-15
 Misc : 4.02G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 00:16:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	44840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	85219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	47945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	12178	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	35302	70.96	ug/l	0.00
Spiked Amount			Recovery	=	141.92%	
35) Dibromofluoromethane	7.88	113	28803	55.83	ug/l	0.00
Spiked Amount			Recovery	=	111.66%	
50) Toluene-d8	10.32	98	75029	38.79	ug/l	0.00
Spiked Amount			Recovery	=	77.58%	
62) 4-Bromofluorobenzene	12.62	95	16273	22.88	ug/l	0.00
Spiked Amount			Recovery	=	45.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	76	2.224	ug/l #	74
15) Acrylonitrile	5.42	53	29249	320.172	ug/l #	39
16) Acetone	4.12	43	6583	75.761	ug/l	98
20) Methylene Chloride	4.90	84	2589	1.661	ug/l #	4
25) 2-Butanone	7.17	43	5125	45.179	ug/l #	77
26) 2,2-Dichloropropane	7.14	77	616	1.105	ug/l #	52
31) Cyclohexane	7.95	56	121406	157.098	ug/l	96
36) 1,1-Dichloropropene	7.95	75	3771	4.851	ug/l #	67
37) Ethyl Acetate	7.17	43	5125	17.725	ug/l #	66
38) Carbon Tetrachloride	7.95	117	4937	5.837	ug/l #	17
39) Methylcyclohexane	9.34	83	207264	220.178	ug/l	90
40) Benzene	8.32	78	7001	3.245	ug/l	93
43) Isopropyl Acetate	8.43	43	8332	14.588	ug/l #	50
45) 1,2-Dichloropropane	9.33	63	2151	4.308	ug/l #	1
48) Methyl methacrylate	9.52	41	5037	17.172	ug/l #	54
51) 4-Methyl-2-Pentanone	10.31	43	1925	7.133	ug/l	96
52) Toluene	10.39	92	84832	60.761	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	10629	27.546	ug/l #	23
56) Ethyl methacrylate	10.66	69	3778	8.146	ug/l #	16
59) 2-Hexanone	10.94	43	7955	44.208	ug/l #	30
65) Chlorobenzene	11.66	112	671312	671.765	ug/l	94
67) Ethyl Benzene	11.74	91	1157379	673.631	ug/l	91
68) m/p-Xylenes	11.85	106	11742533	17580.484	ug/l	78
69) o-Xylene	12.17	106	384998	617.179	ug/l	87
70) Styrene	12.17	104	21765	21.601	ug/l #	1
73) Isopropylbenzene	12.47	105	170603	182.830	ug/l	96
74) N-amyl acetate	12.26	43	2861	16.870	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.69	83	140	1.013	ug/l #	1
76) 1,2,3-Trichloropropane	12.80	75	1897	18.892	ug/l #	1
77) Bromobenzene	12.57	156	215	1.039	ug/l #	1
78) n-propylbenzene	12.81	91	276840	263.621	ug/l	99
79) 2-Chlorotoluene	12.87	91	104913	165.108	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.95	105	344302	439.129	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.47	75	2326	51.171	ug/l #	68

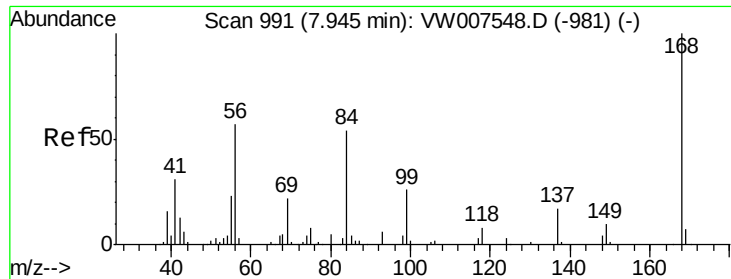
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.95	91	37512	56.005	ug/l #	43
83) tert-Butylbenzene	13.26	119	122837	177.803	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.25	105	988805	1225.538	ug/l	97
85) sec-Butylbenzene	13.25	105	988805	1048.449	ug/l #	54
86) p-Isopropyltoluene	13.51	119	185090	218.456	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	46501	112.759	ug/l	94
88) 1,4-Dichlorobenzene	13.58	146	514736	1241.554	ug/l	97
89) n-Butylbenzene	13.83	91	30275	38.545	ug/l #	74
90) Hexachloroethane	14.10	117	13304	88.250	ug/l #	14
91) 1,2-Dichlorobenzene	13.87	146	18766	50.806	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	373	13.449	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.14	180	454	1.786	ug/l #	1
95) Naphthalene	15.37	128	477589	982.134	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	1386	6.277	ug/l #	78

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007609.D

Acq: 16 Dec 2018 04:41

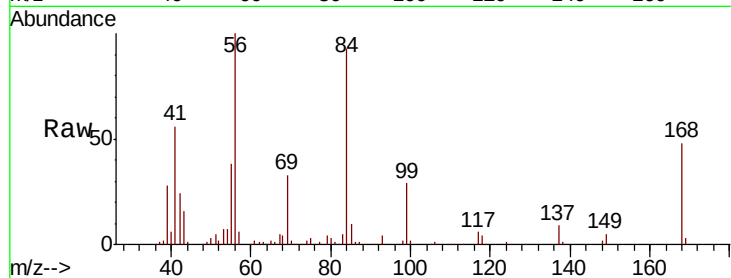
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 44840

Ion Ratio Lower Upper

168 100

99 59.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW007548.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW007548.D (-981) (-)

7.95

20000

15000

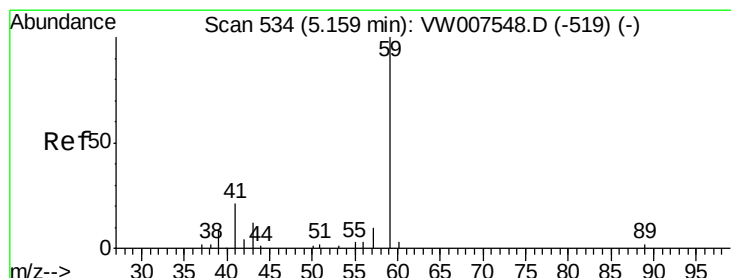
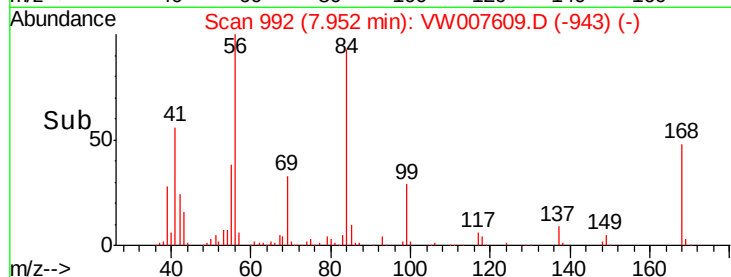
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 2.224 ug/l

RT: 5.15 min Scan# 532

Delta R.T. -0.02 min

Lab File: VW007609.D

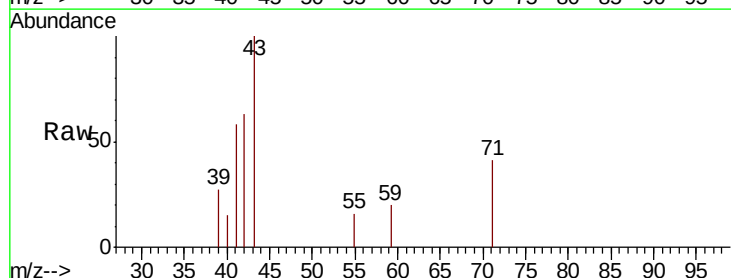
Acq: 16 Dec 2018 04:41

Tgt Ion: 59 Resp: 76

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW007548.D (-519) (-)

Ion 57.00 (56.70 to 57.70): VW007548.D (-519) (-)

5.15

100

80

60

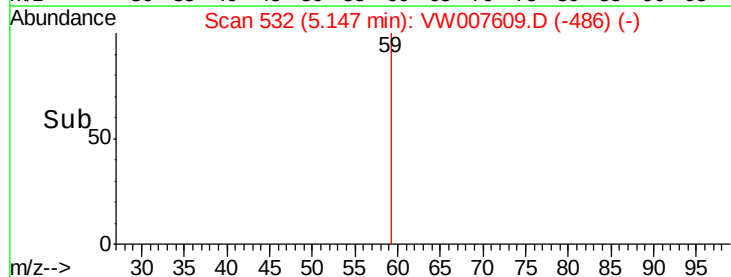
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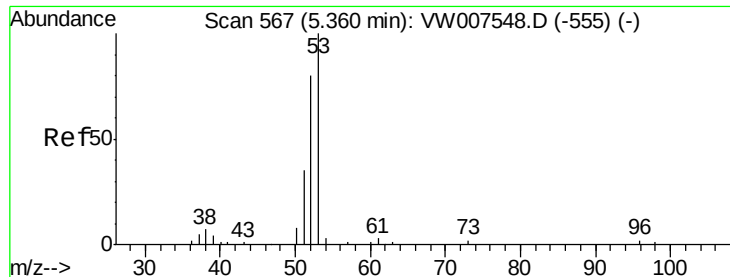
20

0

Time-->

5.12 5.14 5.16





#15

Acrylonitrile

Concen: 320.172 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.05 min

Lab File: VW007609.D

Acq: 16 Dec 2018 04:41

Instrument :

MSVOA_W

ClientSampleId :

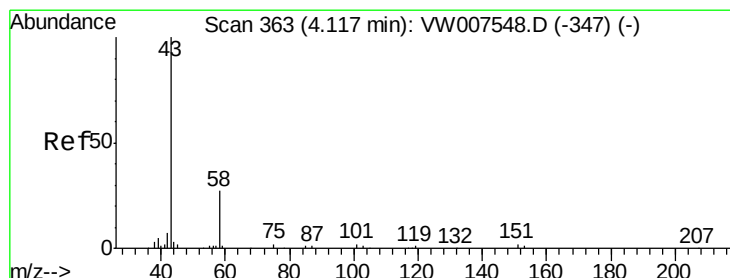
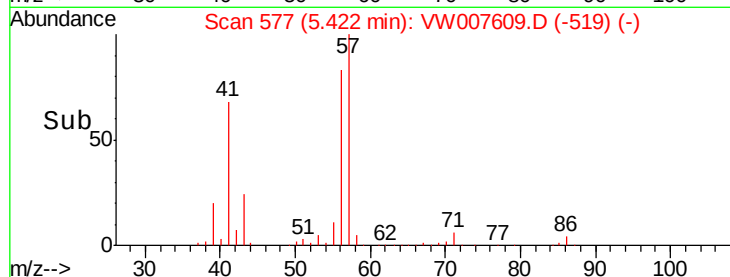
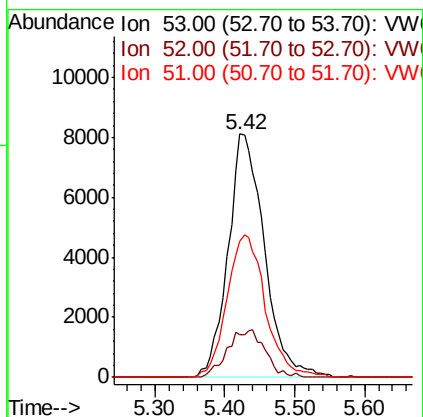
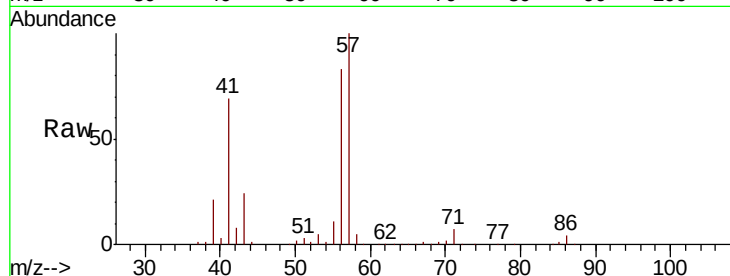
Tot Ion: 53 Resp: 29249

Ion Ratio Lower Upper

53 100

52 20.2 67.4 101.2#

51 61.7 30.2 45.2#



#16

Acetone

Concen: 75.761 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007609.D

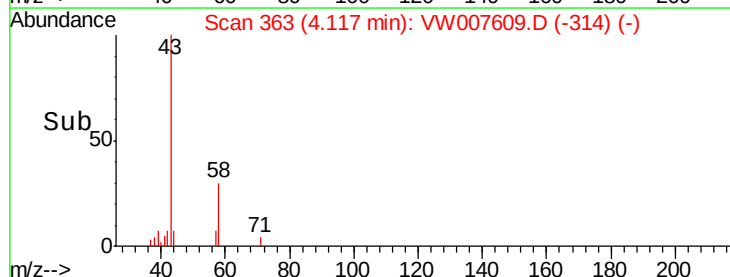
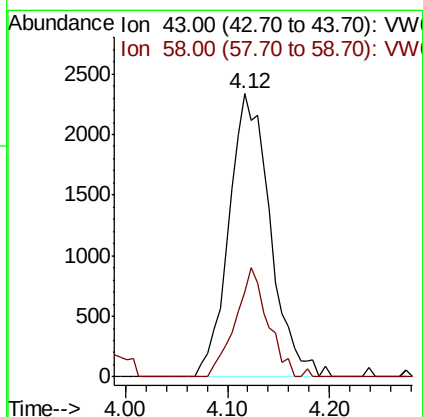
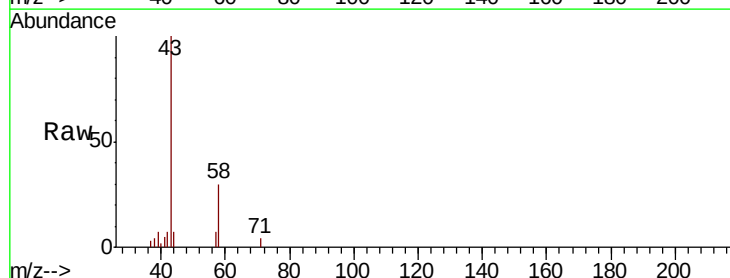
Acq: 16 Dec 2018 04:41

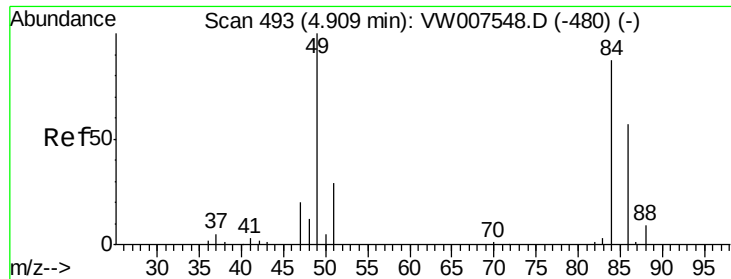
Tgt Ion: 43 Resp: 6583

Ion Ratio Lower Upper

43 100

58 29.9 24.9 37.3





#20

Methylene Chloride

Concen: 1.661 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW007609.D

Acq: 16 Dec 2018 04:41

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 84 Resp: 2589

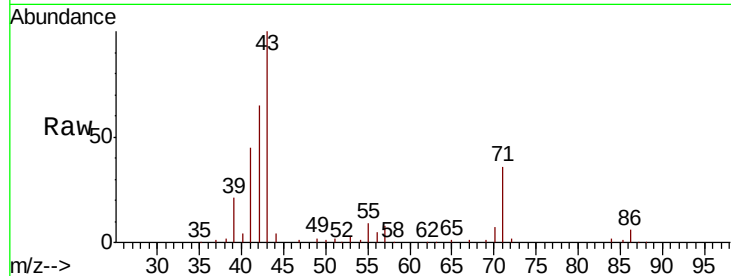
Ion Ratio Lower Upper

84 100

49 86.7 87.1 130.7#

51 95.1 28.2 42.2#

86 234.6 50.8 76.2#



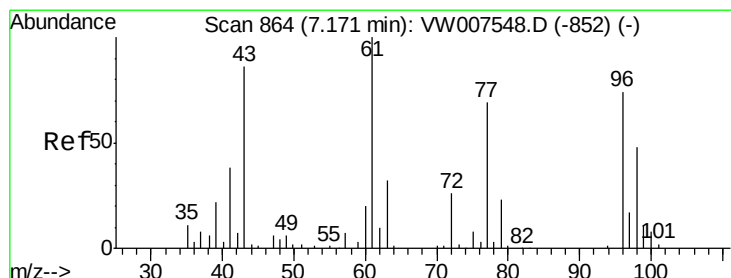
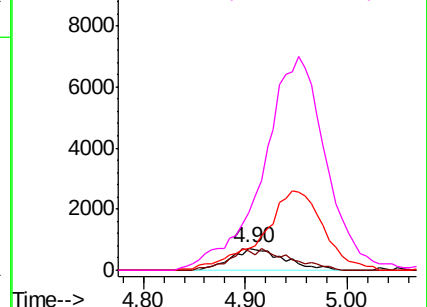
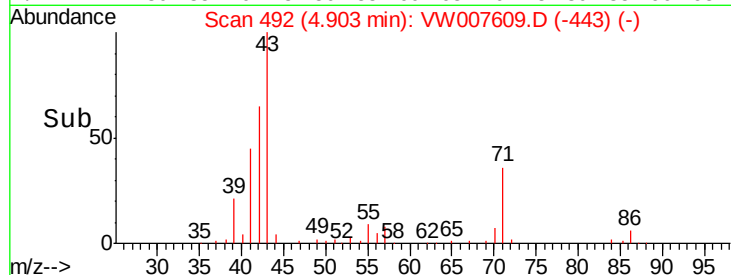
Abundance

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: 45.179 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007609.D

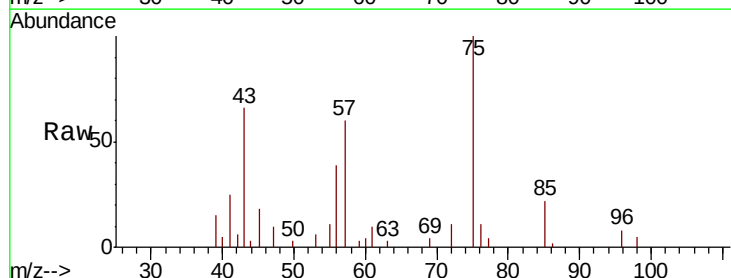
Acq: 16 Dec 2018 04:41

Tgt Ion: 43 Resp: 5125

Ion Ratio Lower Upper

43 100

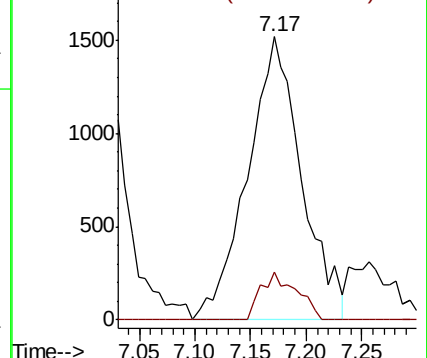
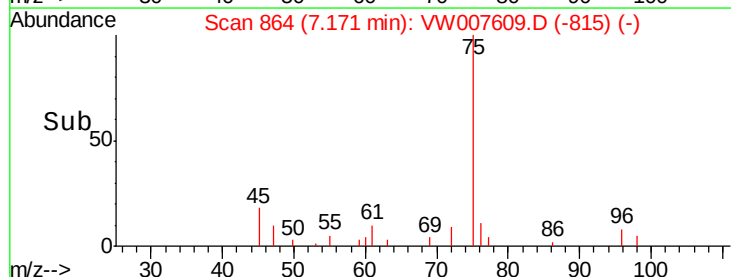
72 17.0 23.4 35.2#

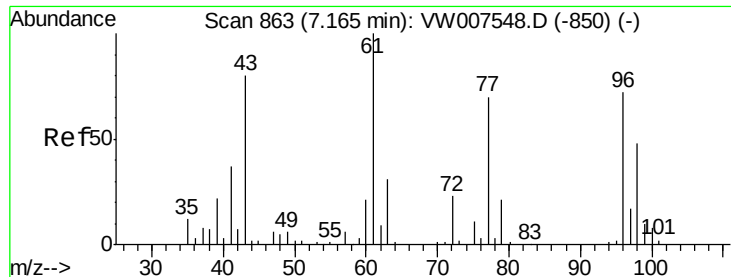


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

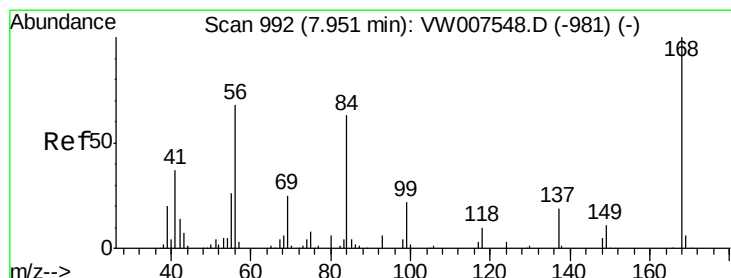
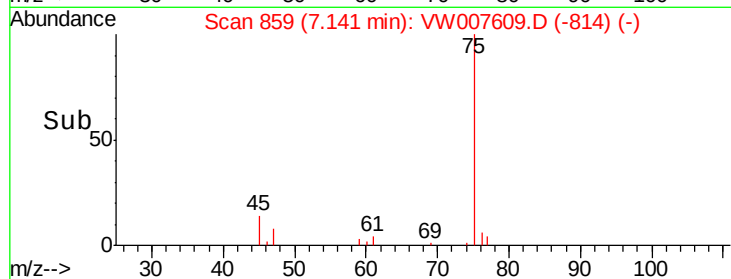
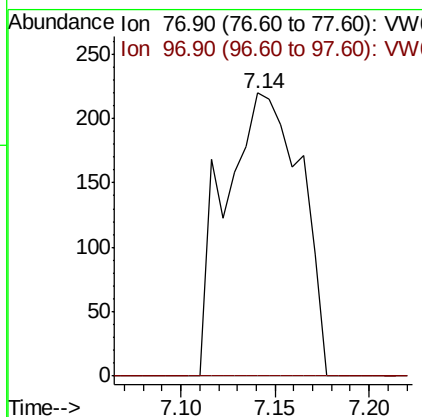
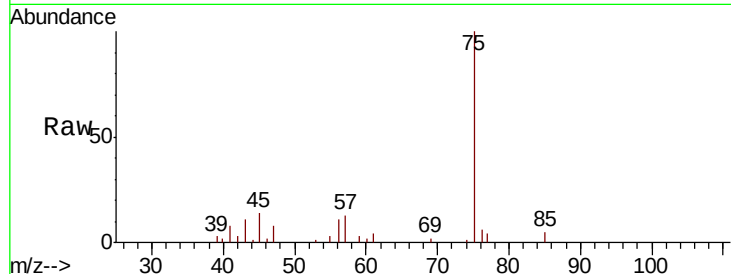




#26
 2,2-Dichloropropane
 Concen: 1.105 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

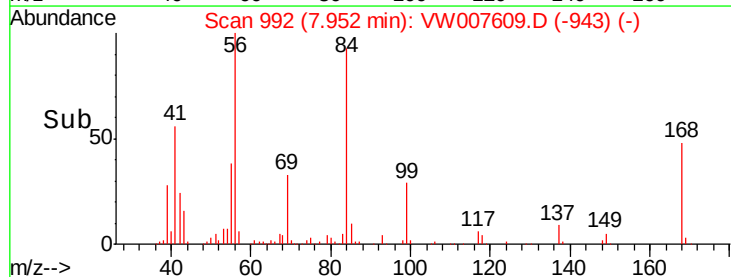
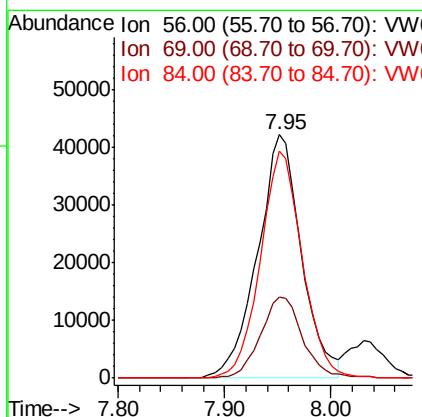
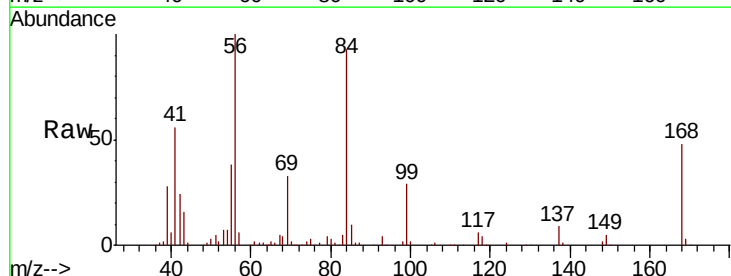
Instrument :
 MSVOA_W
 ClientSampled :

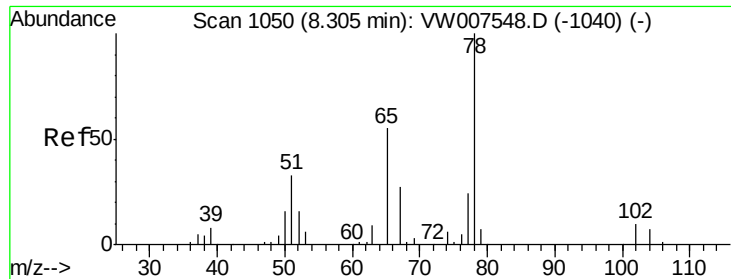
Tot Ion: 77 Resp: 616
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.6 34.8#



#31
 Cyclohexane
 Concen: 157.098 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

Tgt Ion: 56 Resp: 121406
 Ion Ratio Lower Upper
 56 100
 69 33.2 28.9 43.3
 84 93.1 71.8 107.6

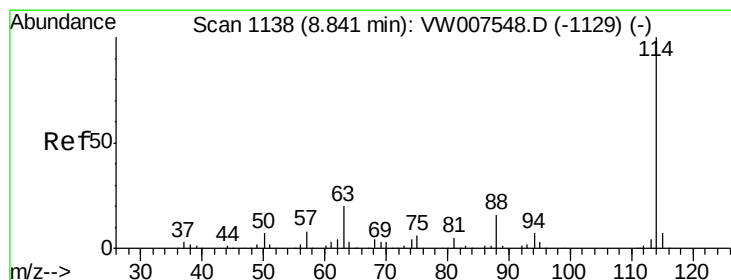
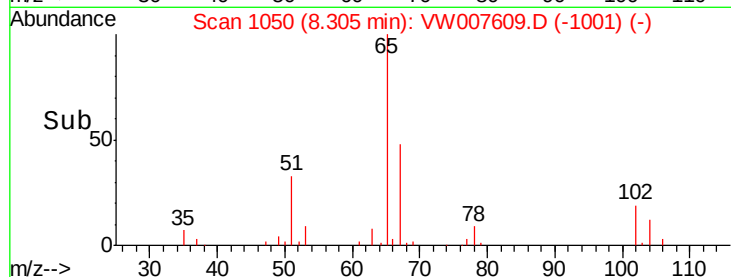
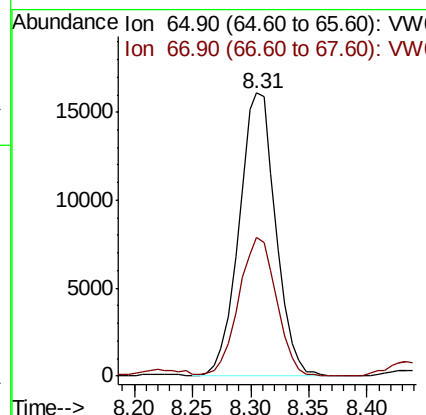
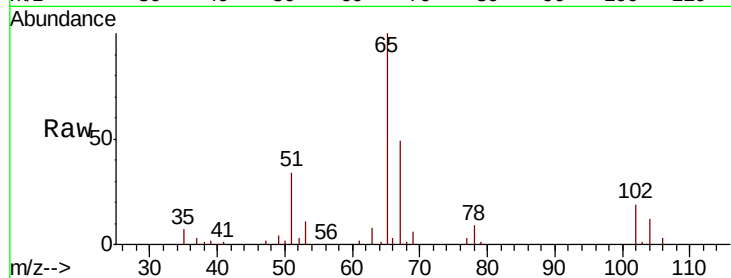




#33
 1,2-Dichloroethane-d4
 Concen: 70.964 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

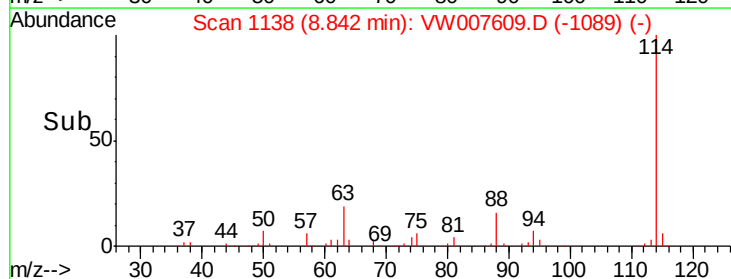
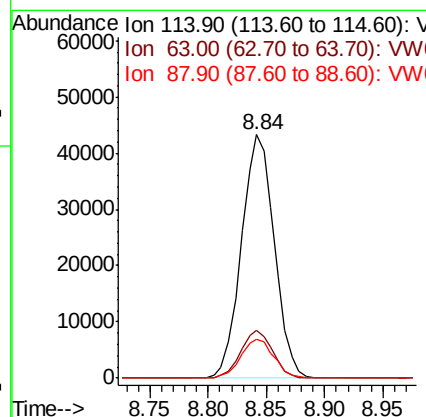
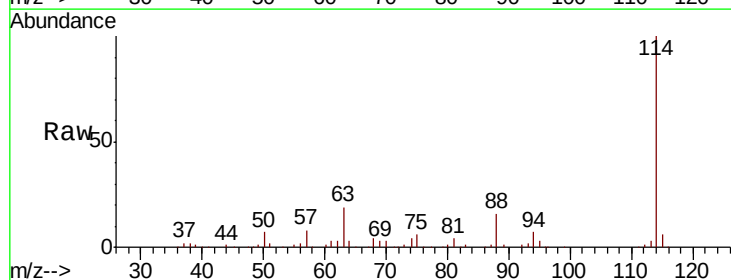
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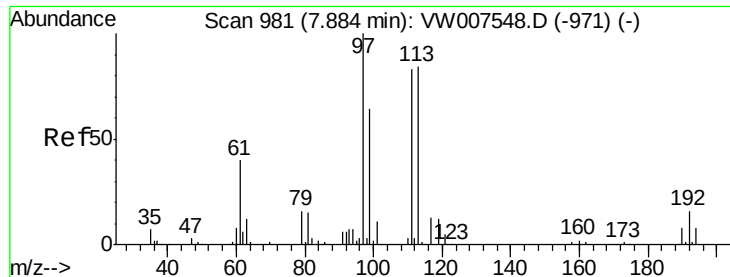
Tot Ion: 65 Resp: 35302
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

Tgt Ion: 114 Resp: 85219
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.6
 88 15.8 0.0 31.4

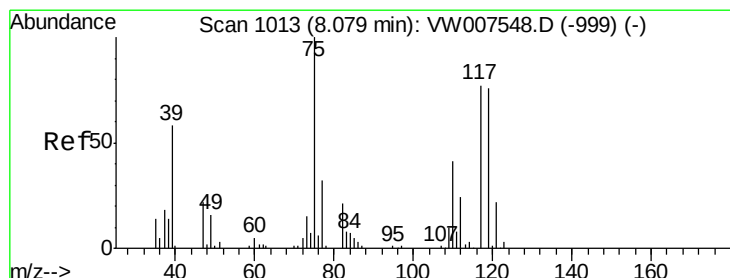
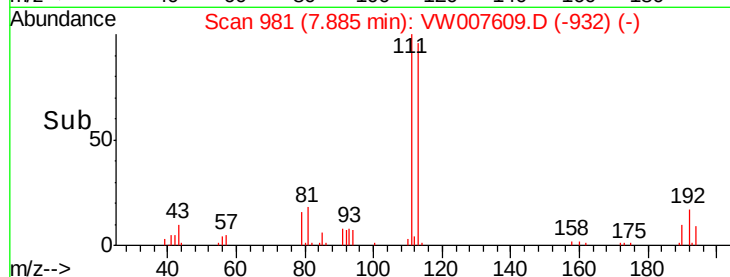
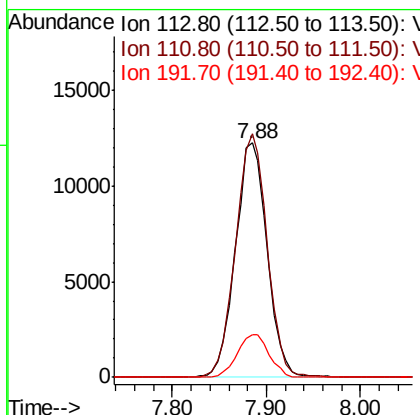
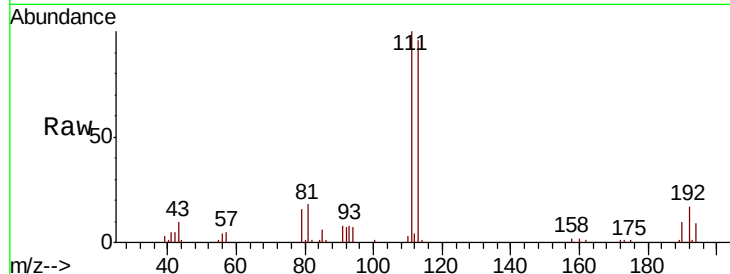




#35
 Dibromofluoromethane
 Concen: 55.834 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

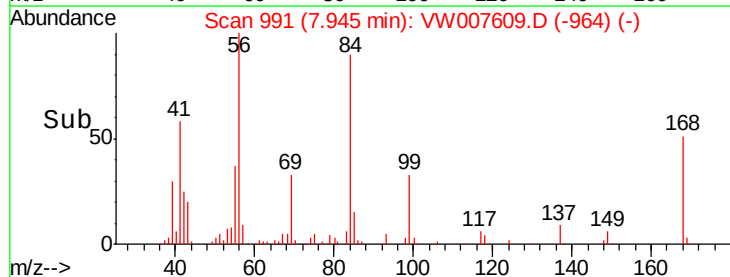
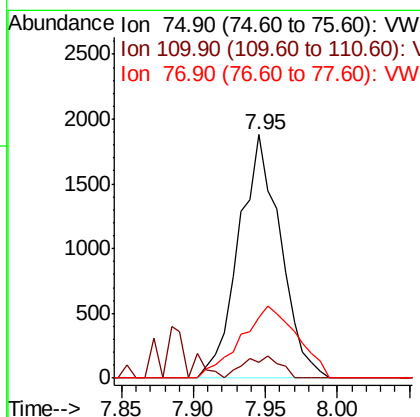
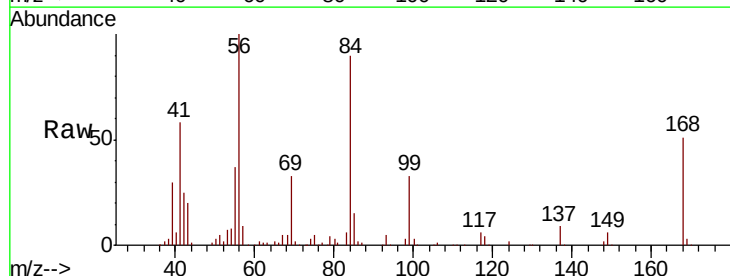
Instrument :
 MSVOA_W
 ClientSampleId :

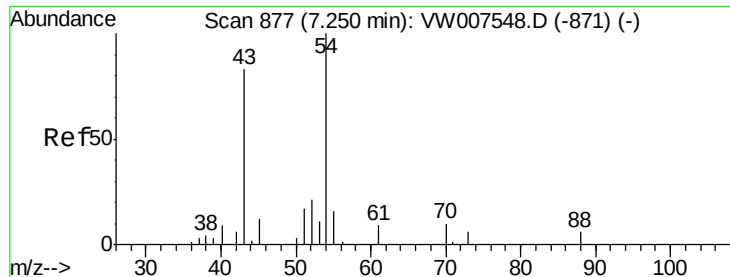
Tot Ion:113 Resp: 28803
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 18.2 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.851 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

Tgt Ion: 75 Resp: 3771
 Ion Ratio Lower Upper
 75 100
 110 7.8 18.5 55.5#
 77 40.0 25.6 38.4#

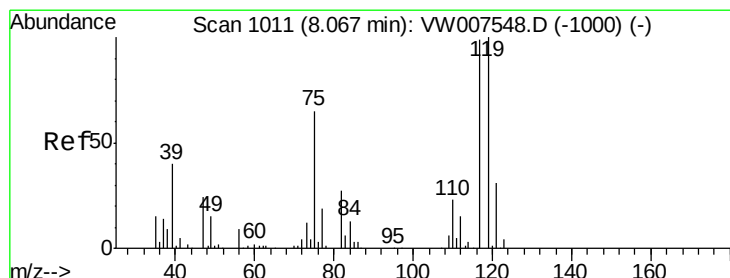
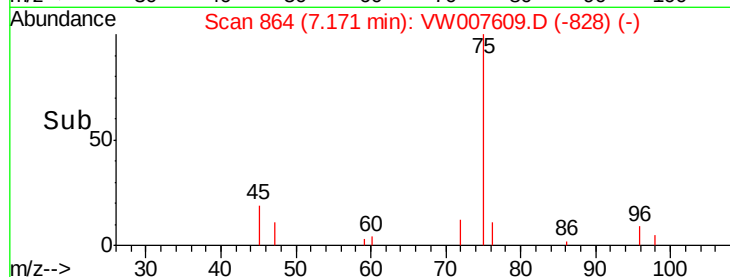
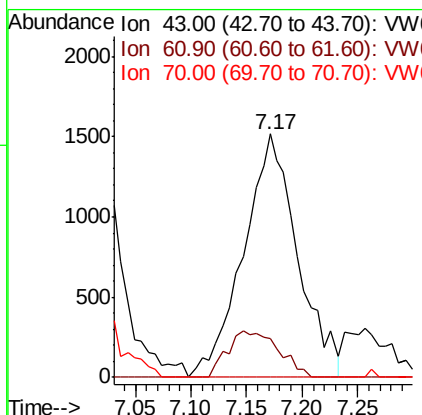
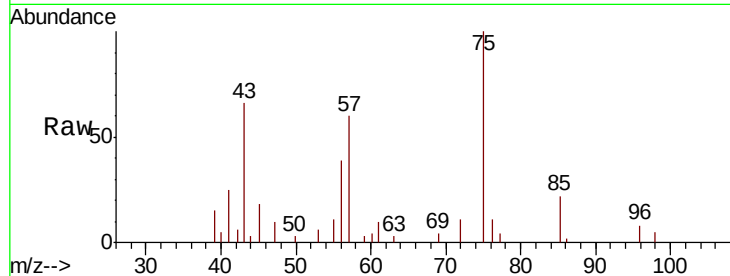




#37
Ethyl Acetate
Concen: 17.725 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.08 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

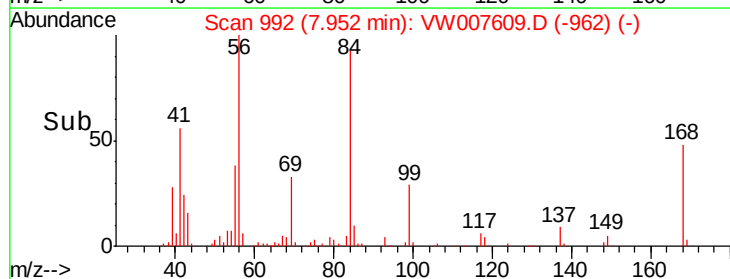
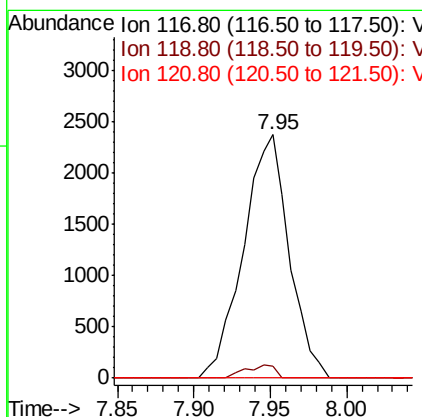
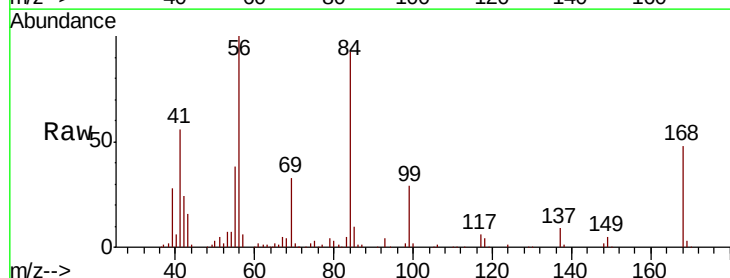
Instrument :
MSVOA_W
ClientSampleId :

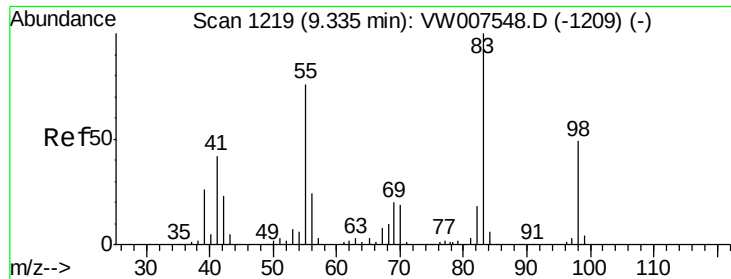
Tot Ion: 43 Resp: 5125
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 5.837 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

Tgt Ion: 117 Resp: 4937
Ion Ratio Lower Upper
117 100
119 5.1 74.3 111.5#
121 0.0 24.3 36.5#

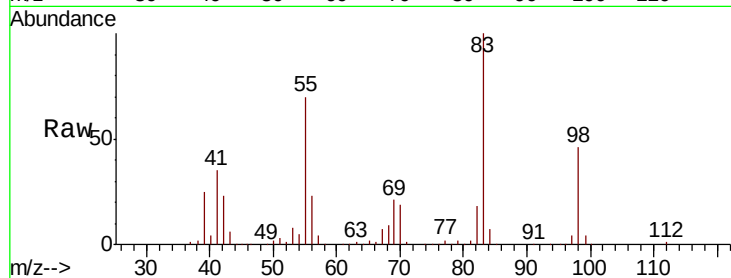




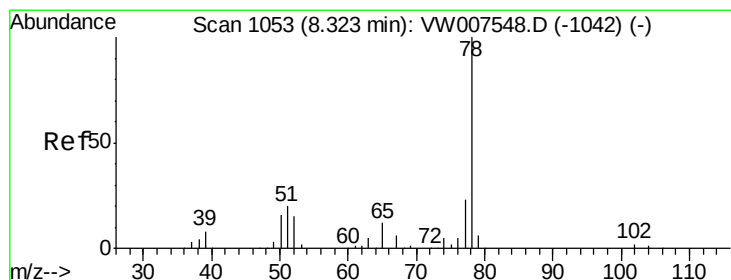
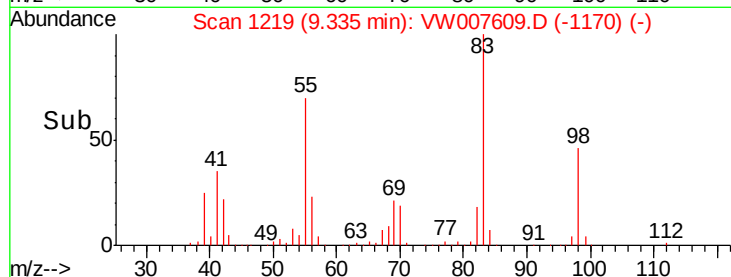
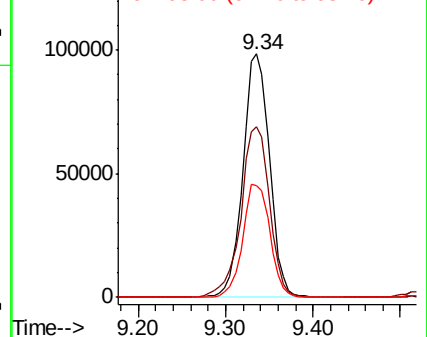
#39
Methylvlcyclohexane
Concen: 220.178 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 207264
Ion Ratio Lower Upper
83 100
55 69.8 62.8 94.2
98 45.9 42.2 63.2

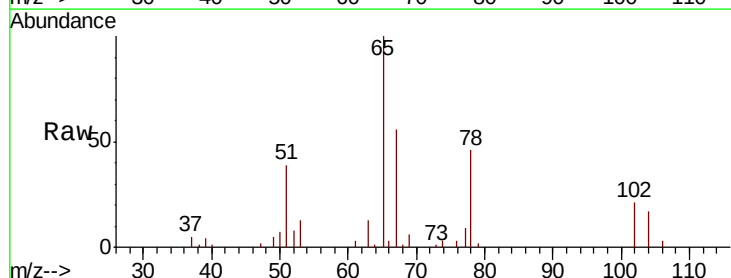


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

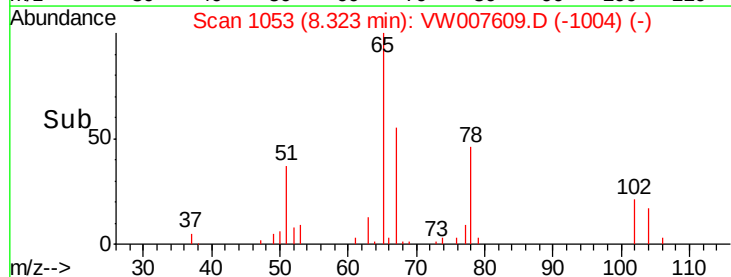
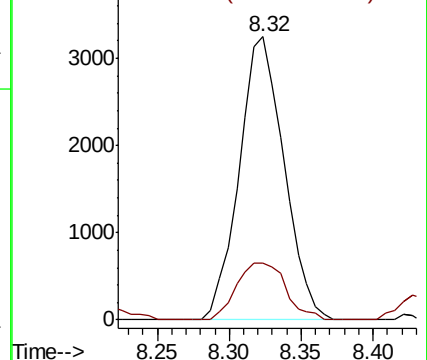


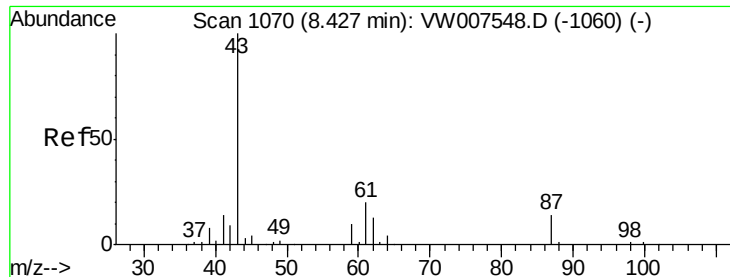
#40
Benzene
Concen: 3.245 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

Tgt Ion: 78 Resp: 7001
Ion Ratio Lower Upper
78 100
77 20.1 18.8 28.2



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





#43

Isopropyl Acetate

Concen: 14.588 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007609.D

Acq: 16 Dec 2018 04:41

Instrument :

MSVOA_W

ClientSampleId :

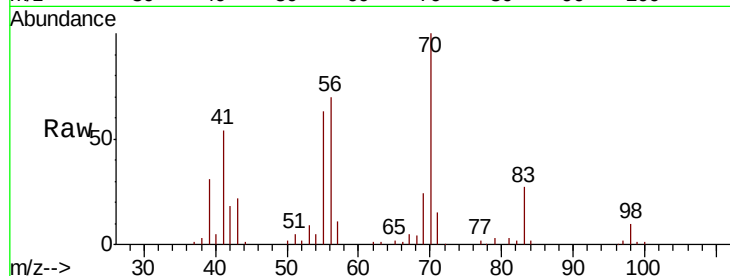
Tot Ion: 43 Resp: 8332

Ion Ratio Lower Upper

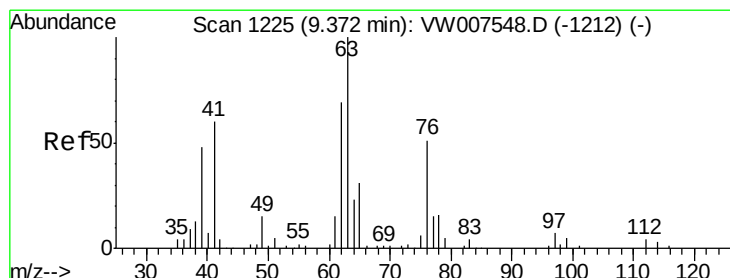
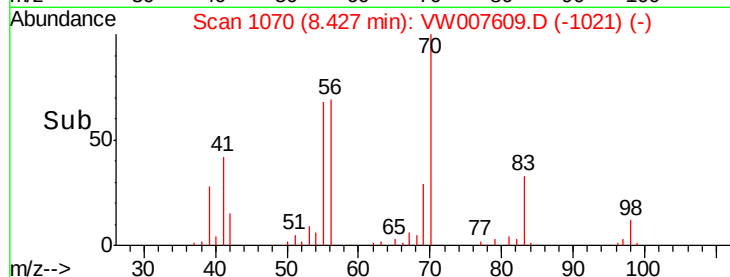
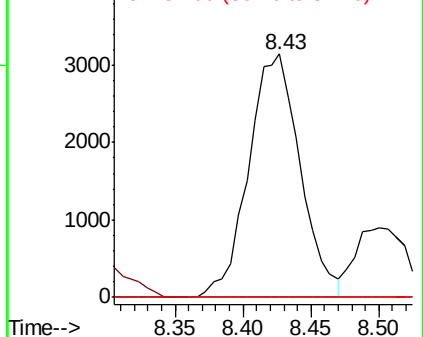
43 100

61 0.0 25.3 37.9#

87 0.0 11.8 17.8#



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



#45

1,2-Dichloropropane

Concen: 4.308 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.04 min

Lab File: VW007609.D

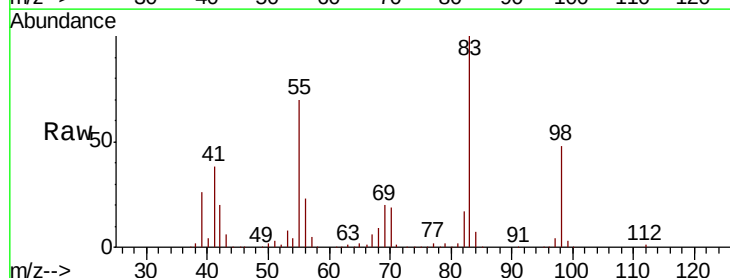
Acq: 16 Dec 2018 04:41

Tgt Ion: 63 Resp: 2151

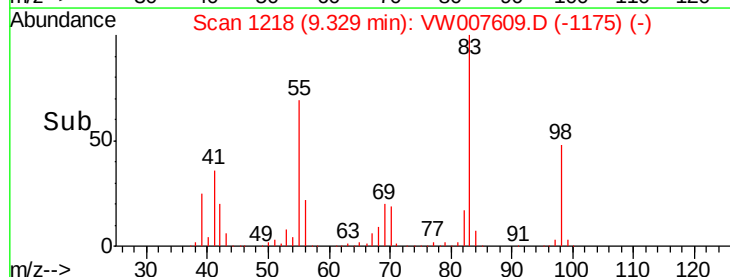
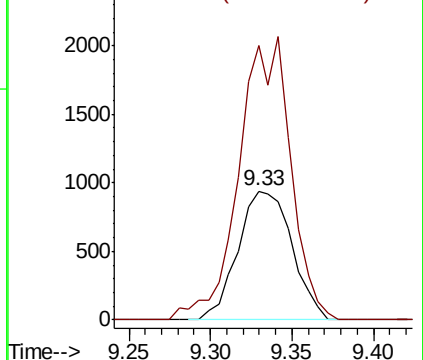
Ion Ratio Lower Upper

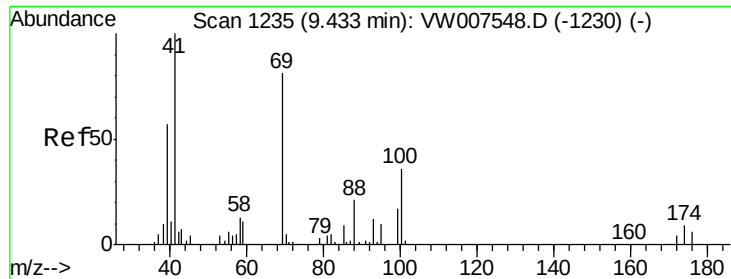
63 100

65 213.4 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 64.90 (64.60 to 65.60): VW

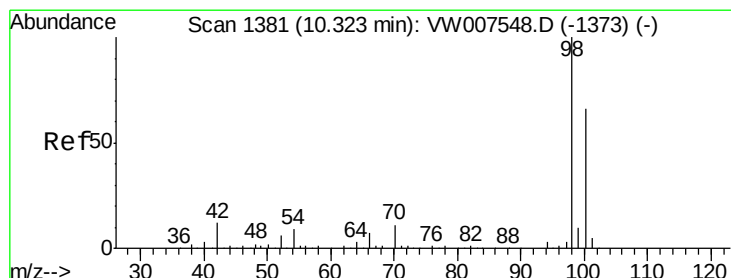
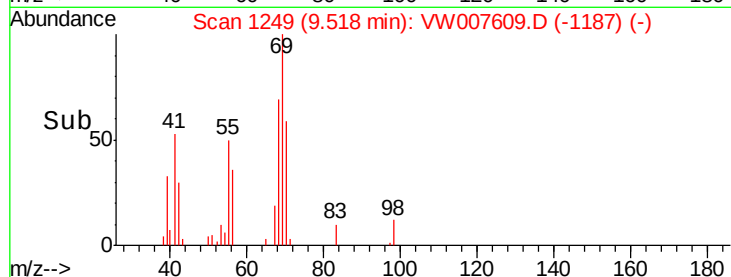
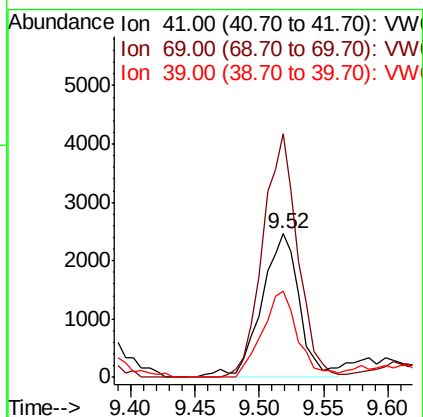
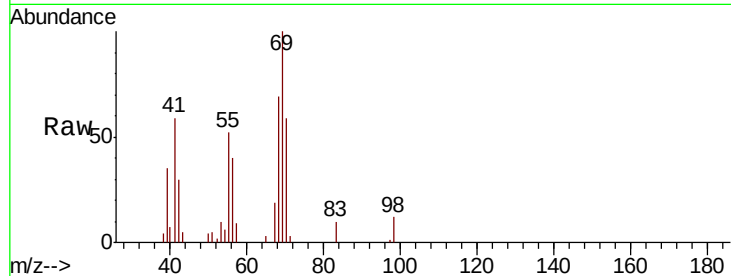




#48
Methyl methacrylate
Concen: 17.172 ug/l
RT: 9.52 min Scan# 1249
Delta R.T. 0.08 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

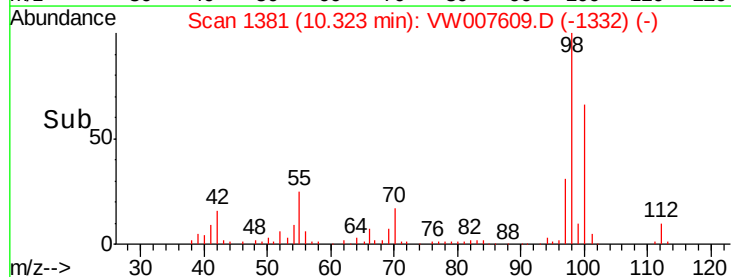
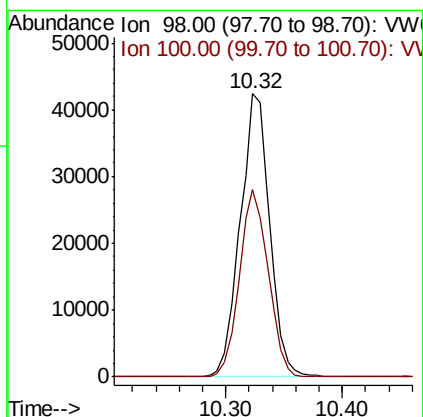
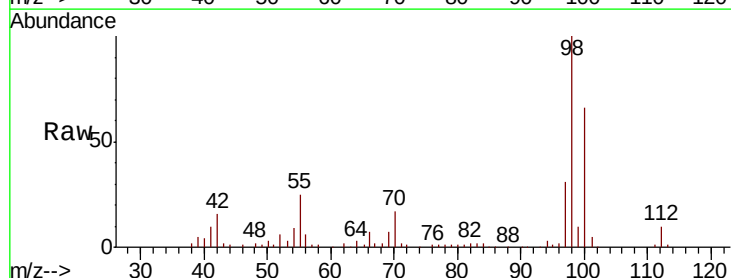
Instrument :
MSVOA_W
ClientSampled :

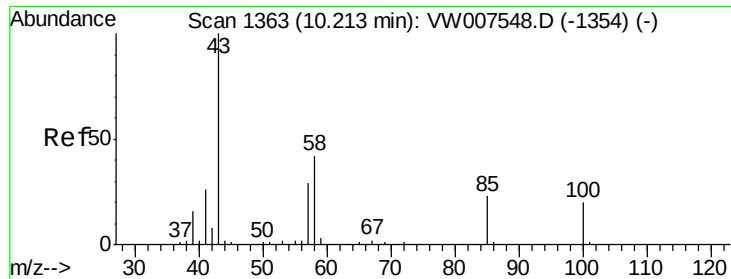
Tot Ion: 41 Resp: 5037
Ion Ratio Lower Upper
41 100
69 155.3 69.8 104.8#
39 56.4 50.9 76.3



#50
Toluene-d8
Concen: 38.791 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

Tgt Ion: 98 Resp: 75029
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8

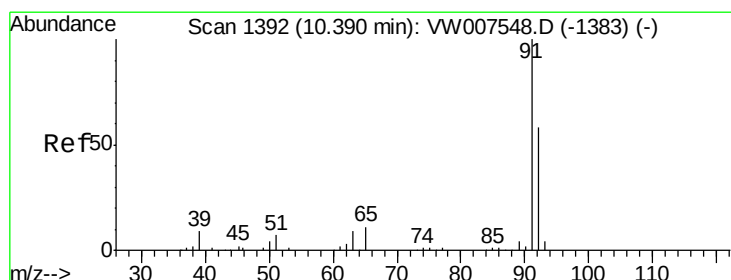
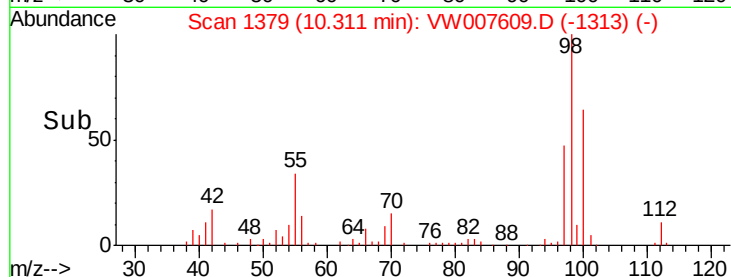
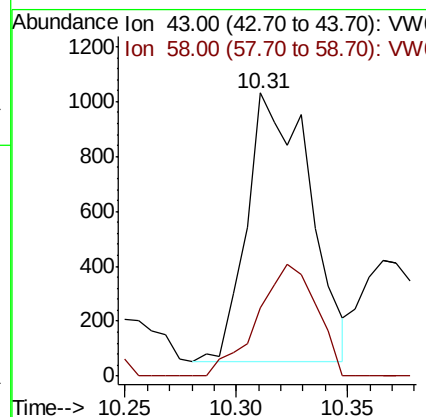
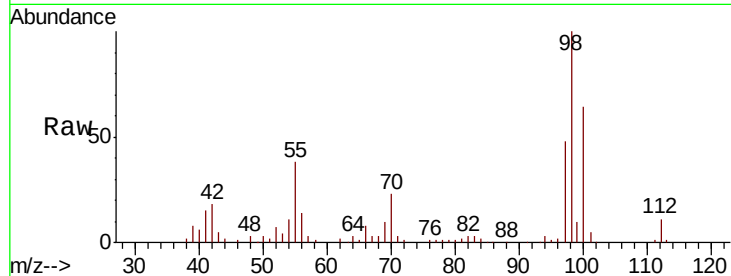




#51
4-Methyl-2-Pentanone
Concen: 7.133 ug/l
RT: 10.31 min Scan# 1379
Delta R.T. 0.10 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

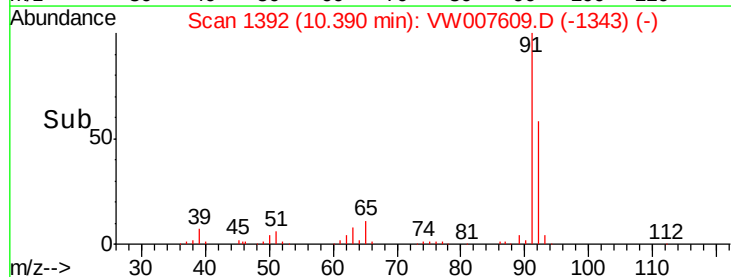
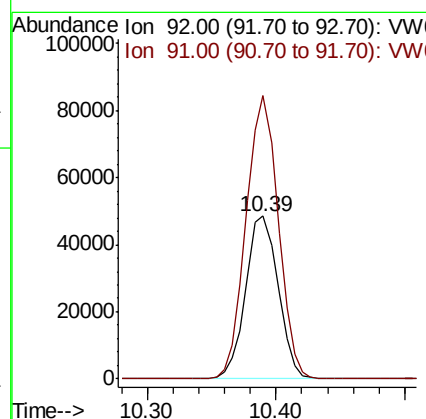
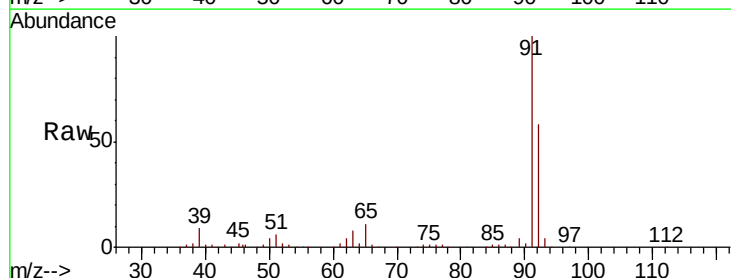
Instrument :
MSVOA_W
ClientSampled :

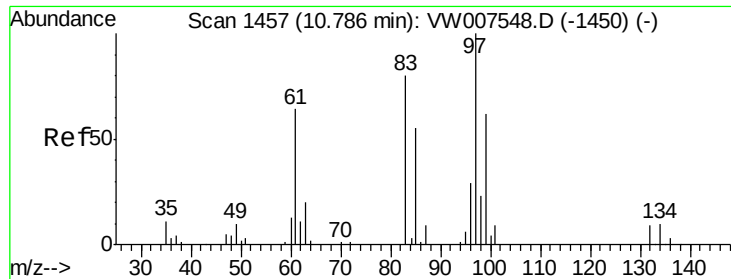
Tot Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
58 39.1 33.1 49.7



#52
Toluene
Concen: 60.761 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

Tgt Ion: 92 Resp: 84832
Ion Ratio Lower Upper
92 100
91 171.9 136.2 204.2

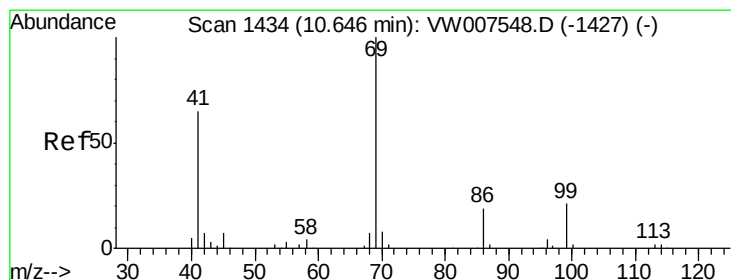
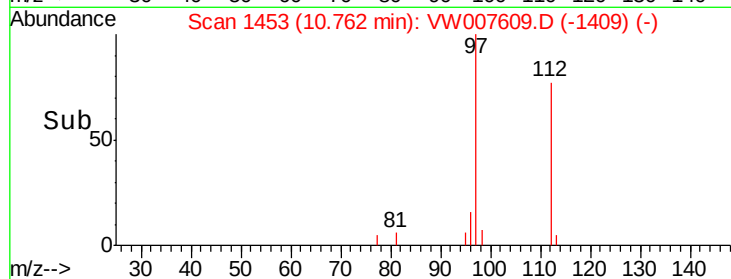
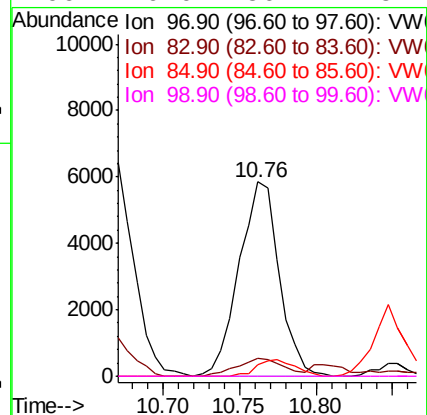
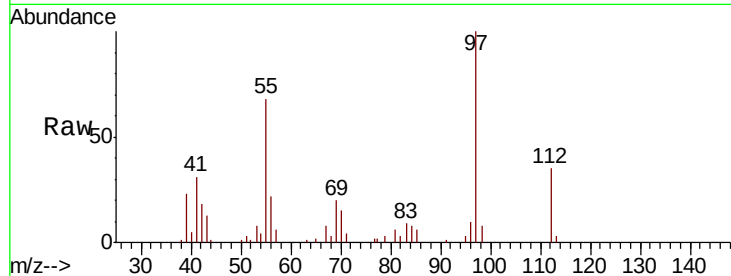




#55
 1,1,2-Trichloroethane
 Concen: 27.546 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.03 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

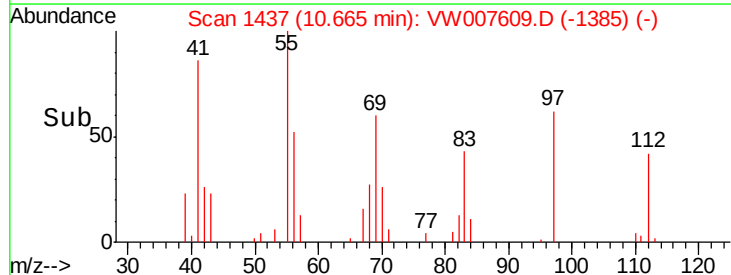
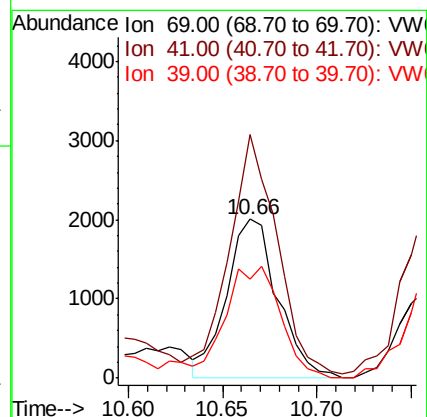
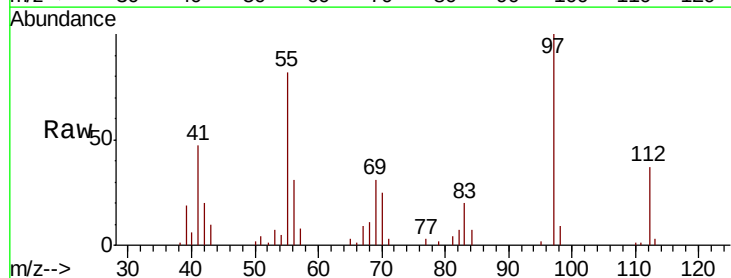
Instrument :
 MSVOA_W
 ClientSampleId :

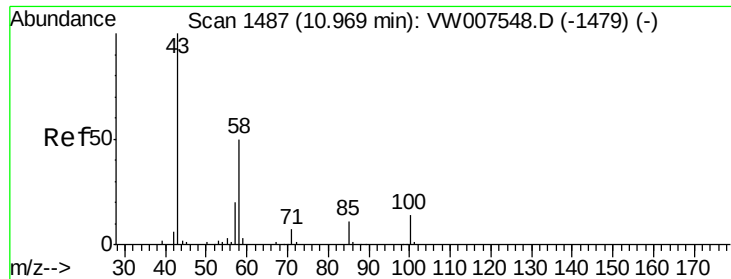
Tot Ion	Ratio	Lower	Upper
97	100		
83	9.0	62.1	93.1#
85	6.1	44.2	66.4#
99	0.0	50.2	75.4#



#56
 Ethyl methacrylate
 Concen: 8.146 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	140.6	51.0	76.6#
39	75.3	30.8	46.2#





#59

2-Hexanone

Concen: 44.208 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW007609.D

Acq: 16 Dec 2018 04:41

Instrument :

MSVOA_W

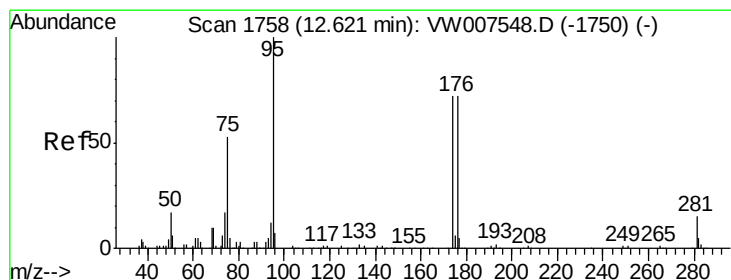
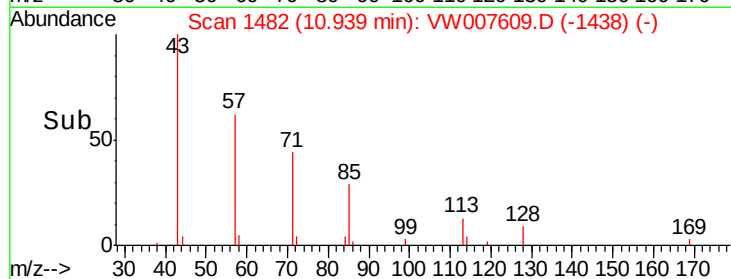
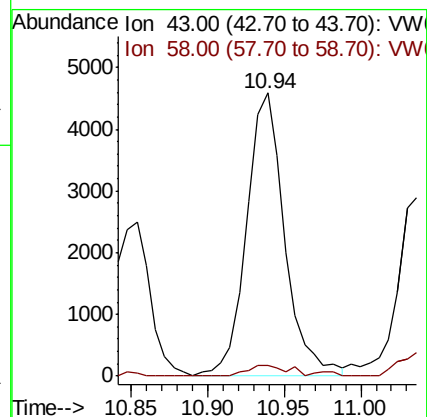
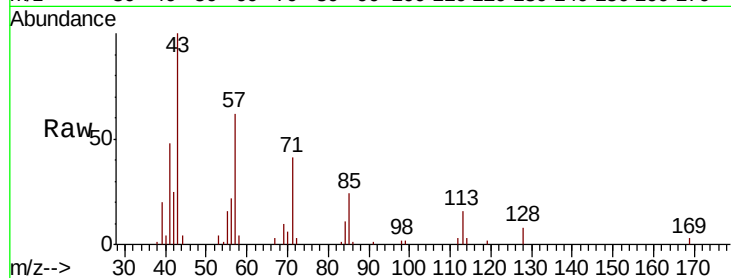
ClientSampled :

Tot Ion: 43 Resp: 7955

Ion Ratio Lower Upper

43 100

58 4.1 27.1 81.3#



#62

4-Bromofluorobenzene

Concen: 22.882 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007609.D

Acq: 16 Dec 2018 04:41

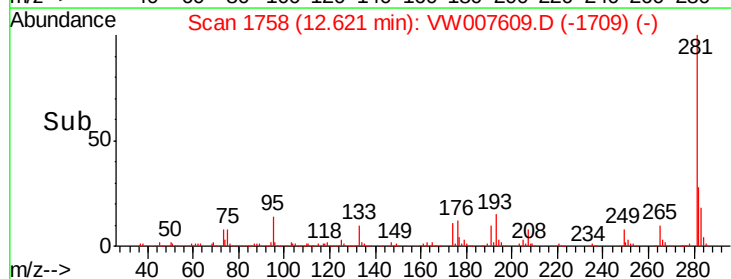
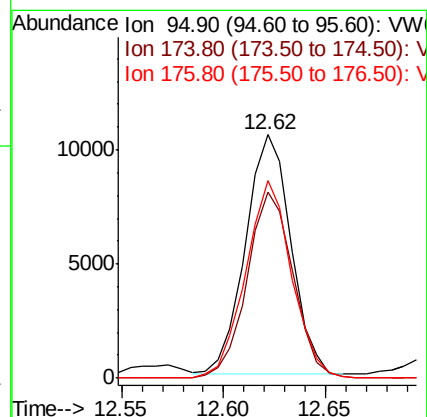
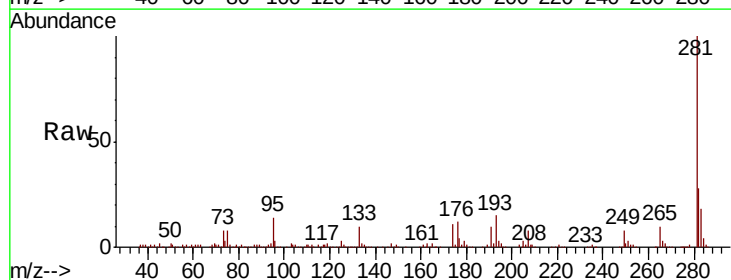
Tgt Ion: 95 Resp: 16273

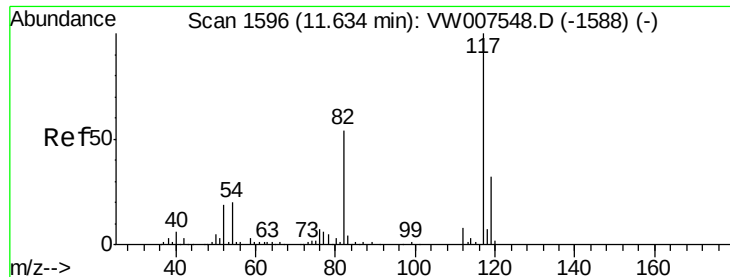
Ion Ratio Lower Upper

95 100

174 78.4 0.0 147.2

176 83.1 0.0 138.8

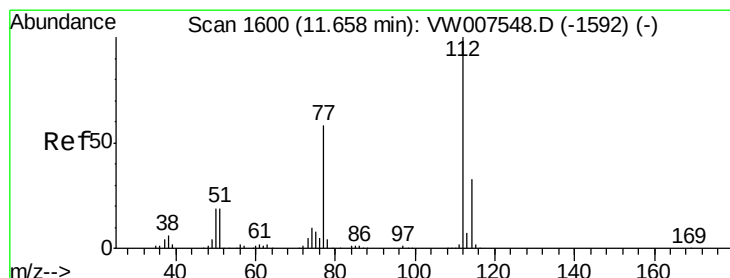
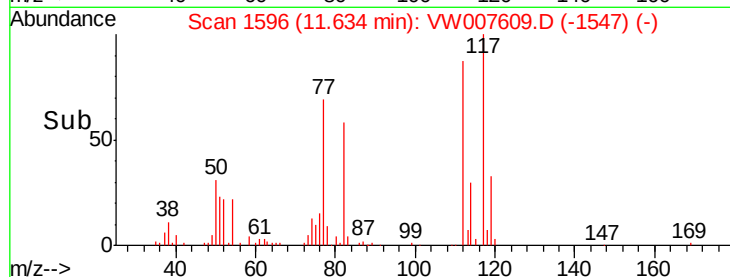
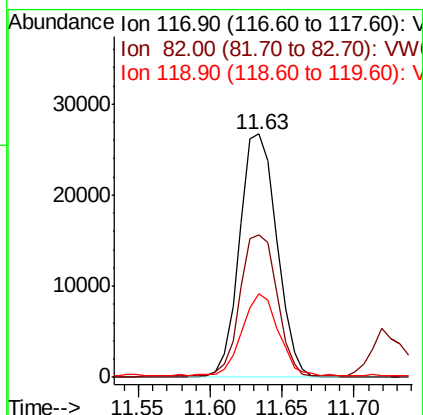
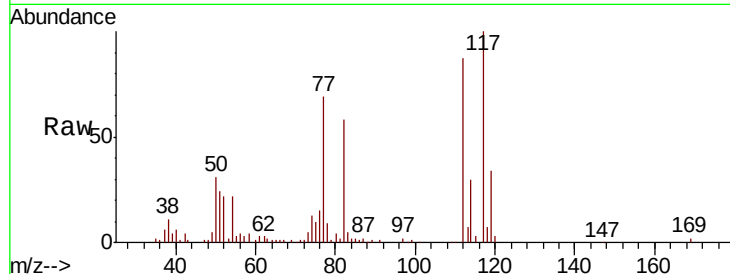




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

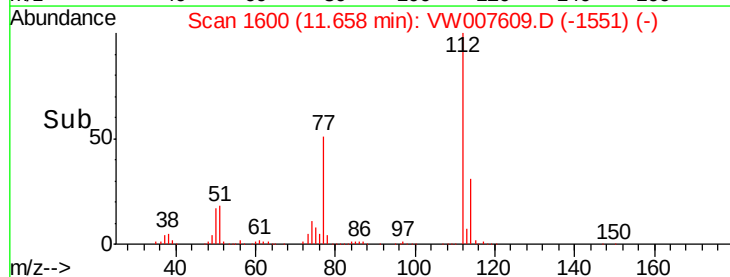
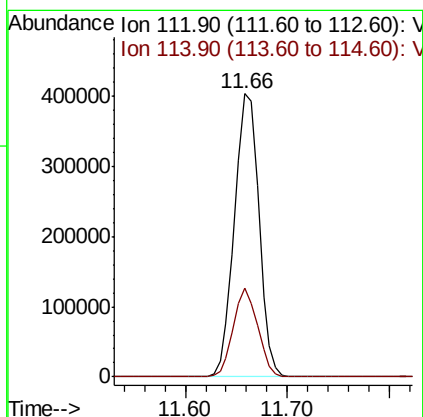
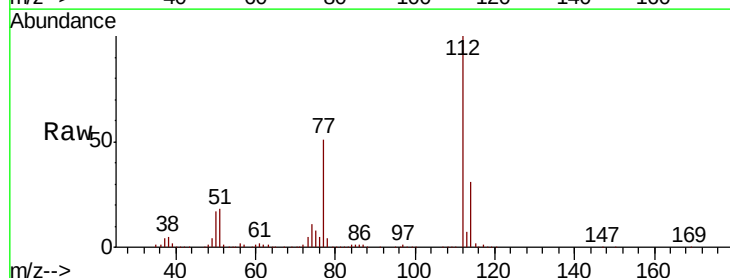
Instrument :
MSVOA_W
ClientSampleId :

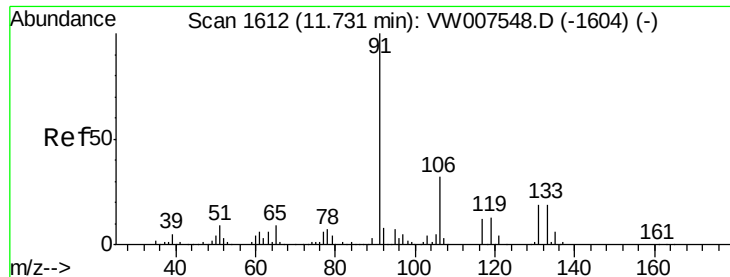
Tot Ion:117 Resp: 47945
Ion Ratio Lower Upper
117 100
82 57.8 42.3 63.5
119 33.4 23.0 34.6



#65
Chlorobenzene
Concen: 671.765 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

Tgt Ion:112 Resp: 671312
Ion Ratio Lower Upper
112 100
114 31.2 27.8 41.8

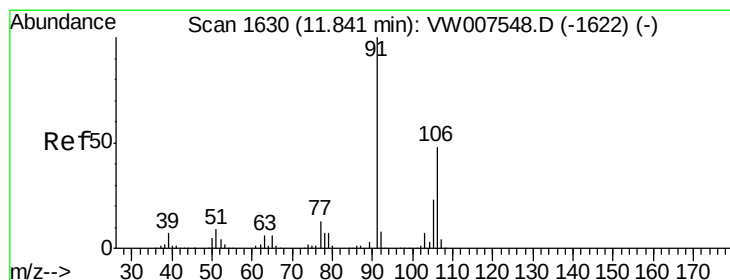
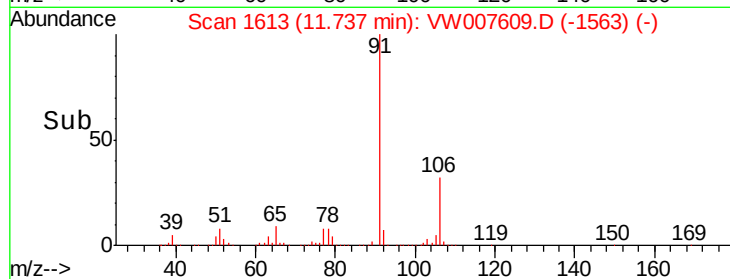
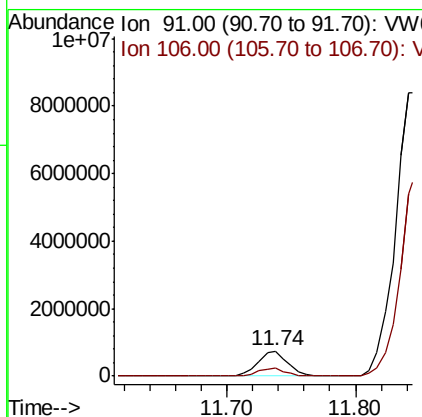
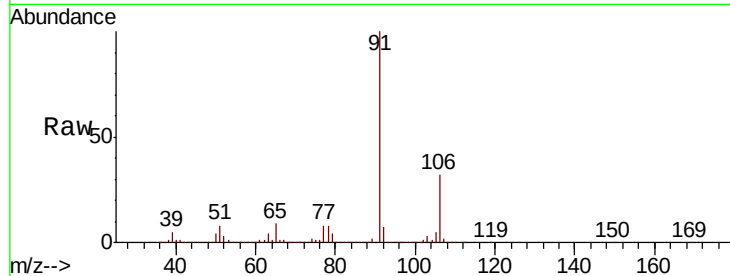




#67
Ethyl Benzene
Concen: 673.631 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

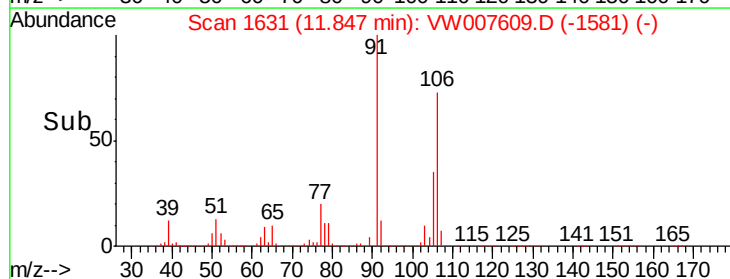
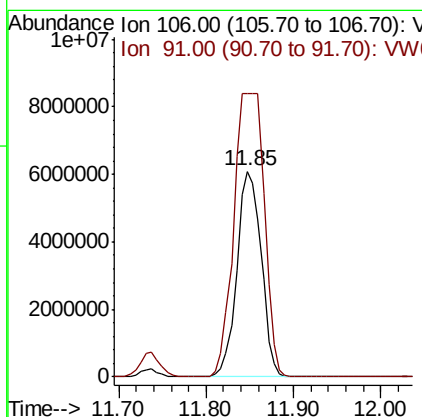
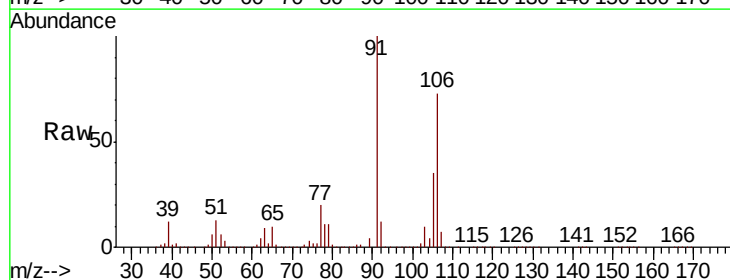
Instrument :
MSVOA_W
ClientSampleId :

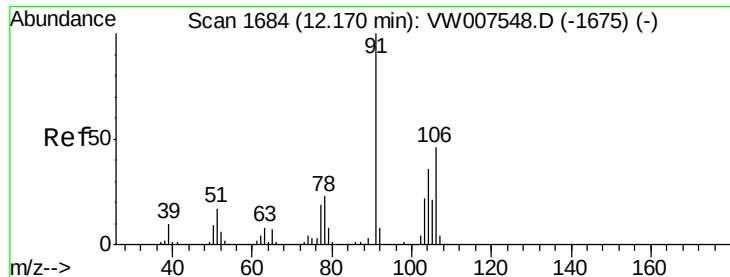
Tot Ion: 91 Resp: 1157379
Ion Ratio Lower Upper
91 100
106 32.0 21.8 32.8



#68
m/p-Xylenes
Concen: 17580.484 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

Tgt Ion: 106 Resp: 11742533
Ion Ratio Lower Upper
106 100
91 173.3 165.3 247.9

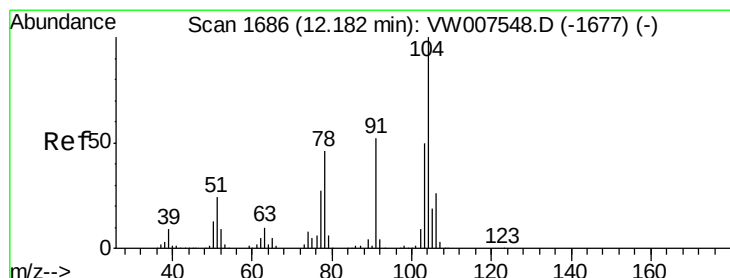
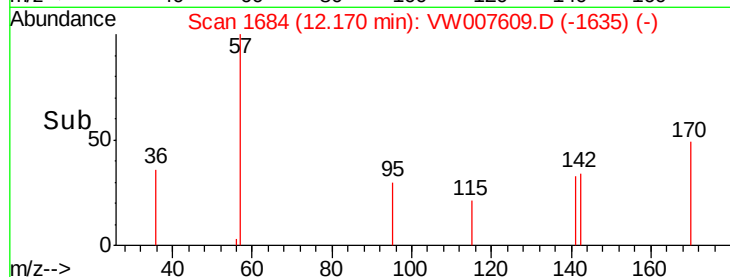
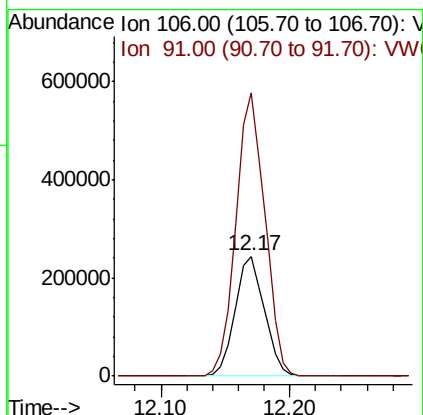
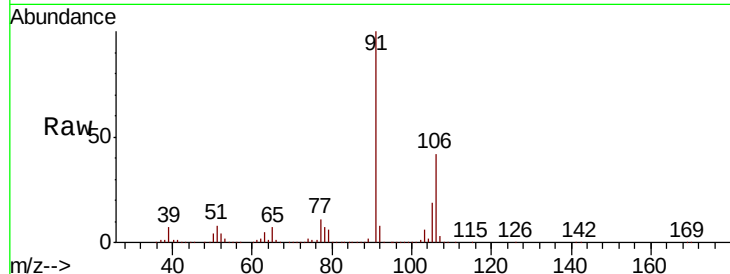




#69
o-Xylene
Concen: 617.179 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

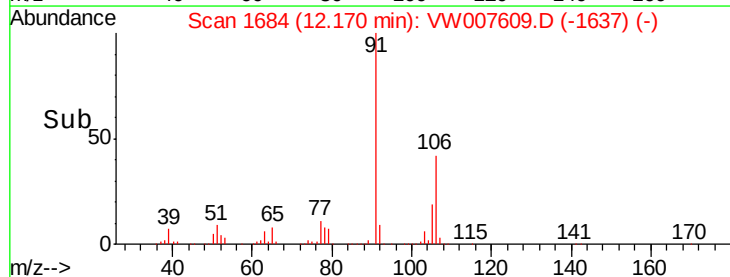
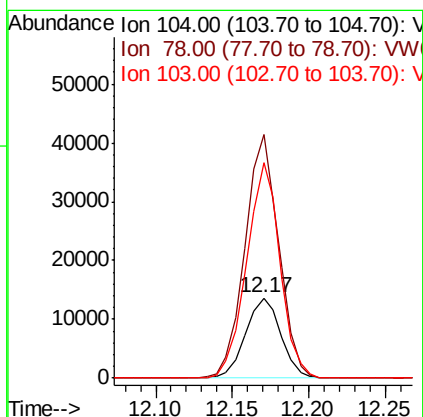
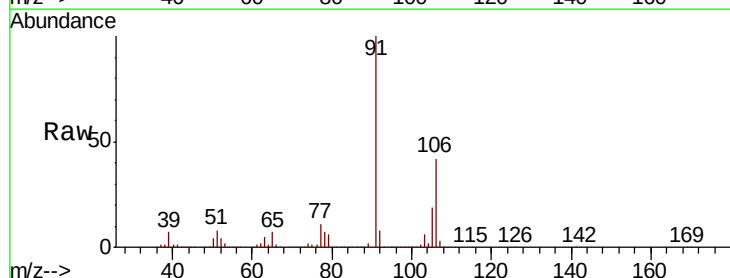
Instrument :
MSVOA_W
ClientSampled :

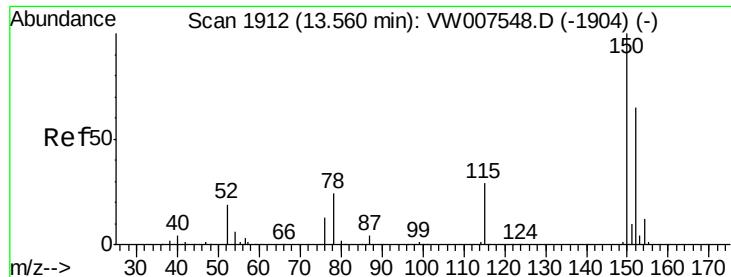
Tot Ion:106 Resp: 384998
Ion Ratio Lower Upper
106 100
91 233.9 106.6 319.8



#70
Styrene
Concen: 21.601 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

Tgt Ion:104 Resp: 21765
Ion Ratio Lower Upper
104 100
78 291.2 41.8 62.8#
103 255.7 46.6 69.8#

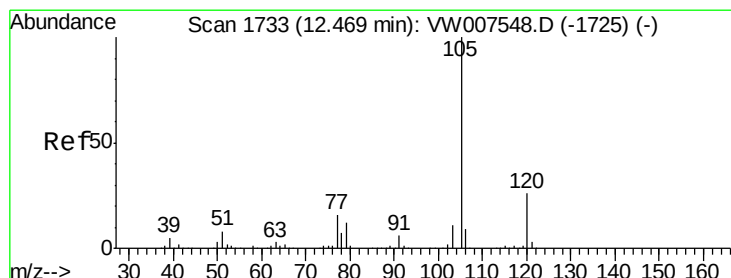
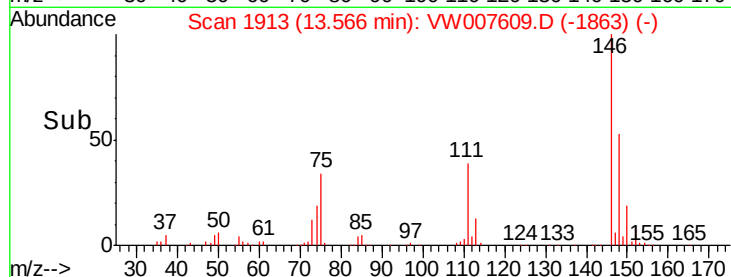
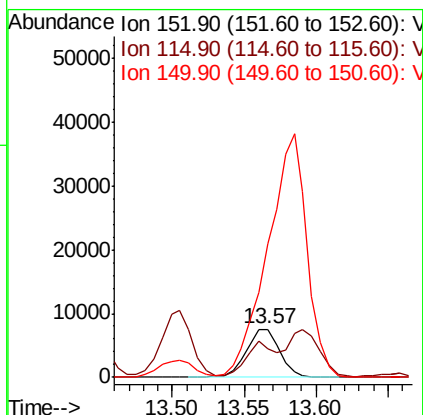
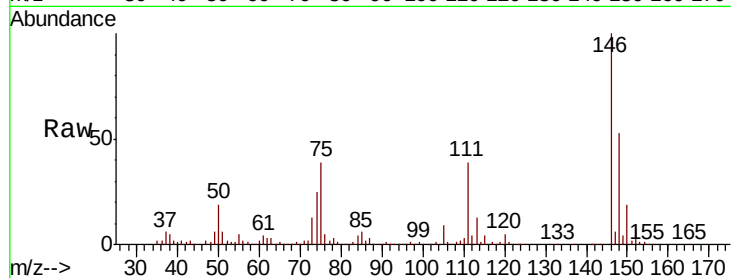




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.01 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

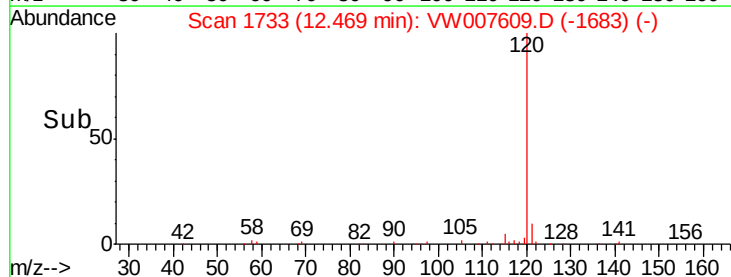
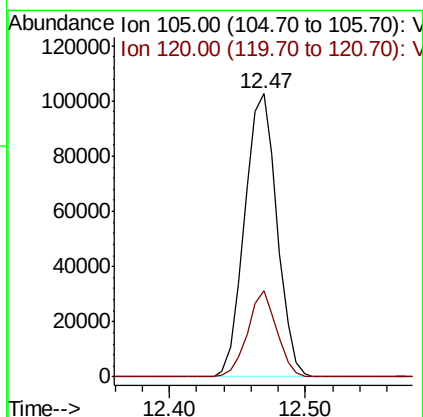
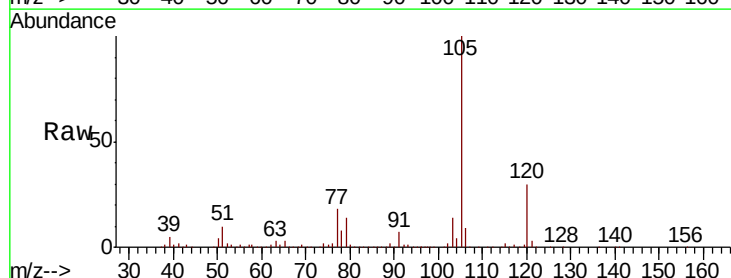
Instrument :
 MSVOA_W
 ClientSampled :

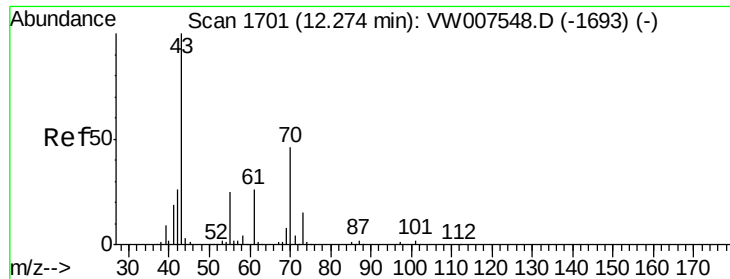
Tot Ion:152 Resp: 12178
 Ion Ratio Lower Upper
 152 100
 115 57.8 31.4 94.2
 150 0.0 0.0 358.4



#73
 Isopropylbenzene
 Concen: 182.830 ug/l
 RT: 12.47 min Scan# 1733
 Delta R.T. 0.01 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

Tgt Ion:105 Resp: 170603
 Ion Ratio Lower Upper
 105 100
 120 27.4 12.8 38.4





#74

N-amvl acetate

Concen: 16.870 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.01 min

Lab File: VW007609.D

Acq: 16 Dec 2018 04:41

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 2861

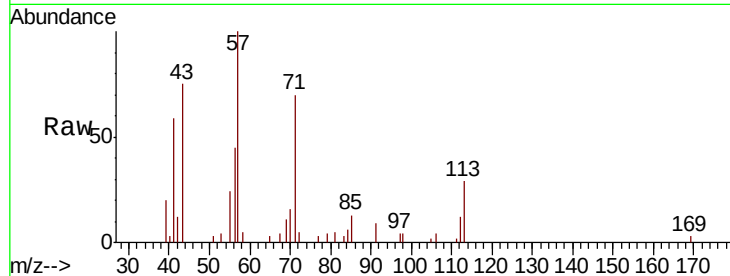
Ion Ratio Lower Upper

43 100

70 40.1 36.5 54.7

55 0.0 20.1 30.1#

61 0.0 19.3 28.9#

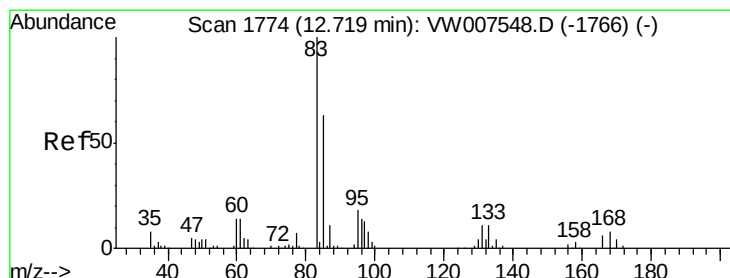
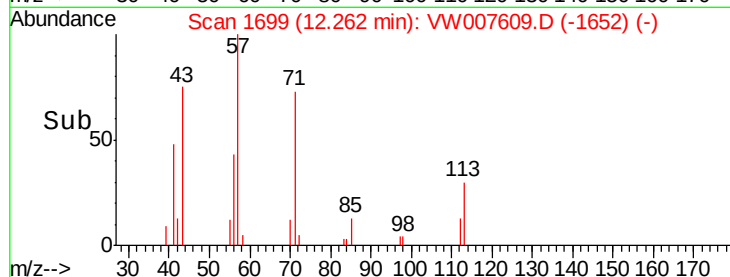
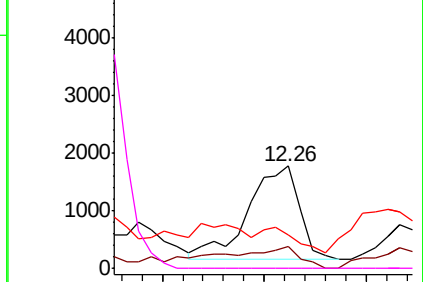


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#75

1,1,2,2-Tetrachloroethane

Concen: 1.013 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW007609.D

Acq: 16 Dec 2018 04:41

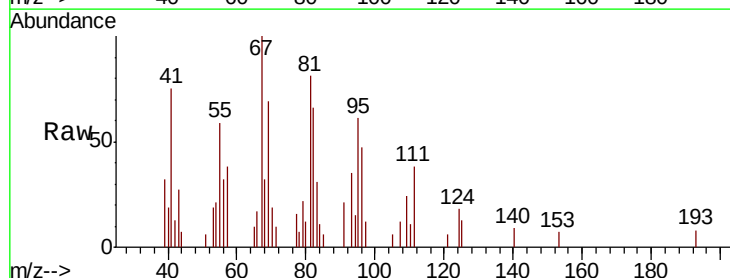
Tgt Ion: 83 Resp: 140

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.8#

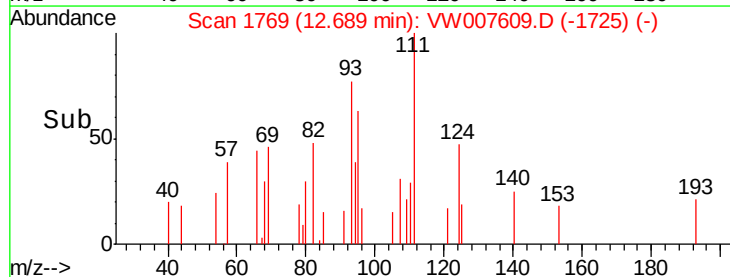
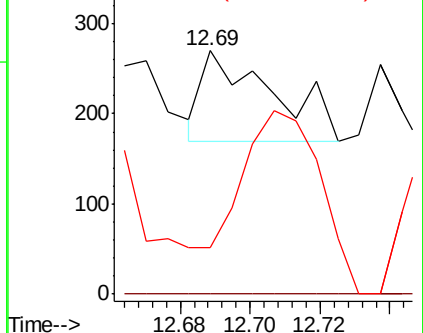
85 227.9 30.0 90.0#

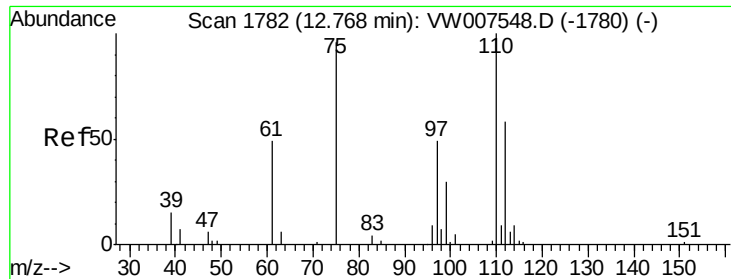


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 18.892 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.04 min

Lab File: VW007609.D

Acq: 16 Dec 2018 04:41

Instrument :

MSVOA_W

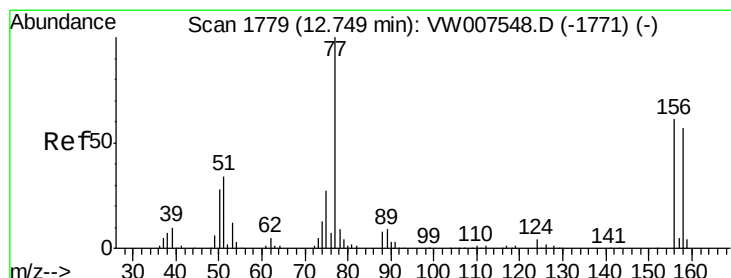
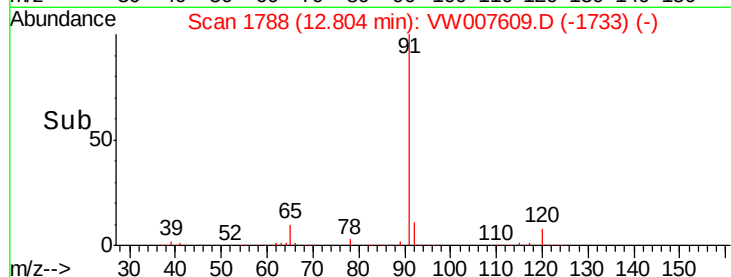
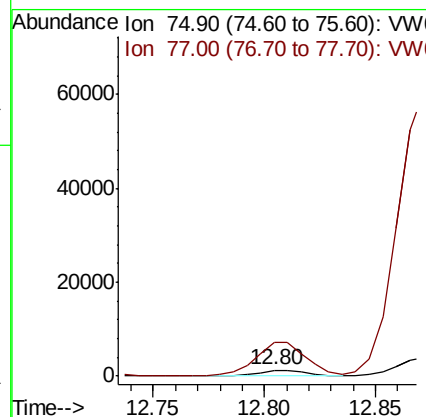
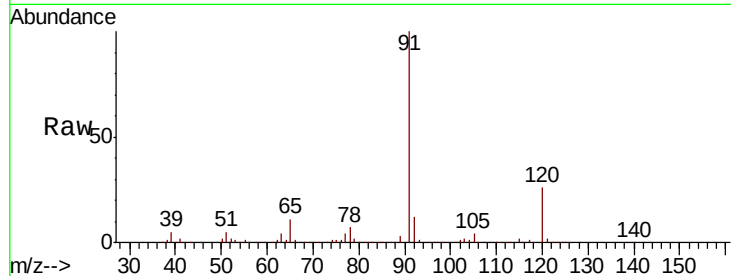
ClientSampleId :

Tot Ion: 75 Resp: 1897

Ion Ratio Lower Upper

75 100

77 597.5 166.9 500.8#



#77

Bromobenzene

Concen: 1.039 ug/l

RT: 12.57 min Scan# 1750

Delta R.T. -0.18 min

Lab File: VW007609.D

Acq: 16 Dec 2018 04:41

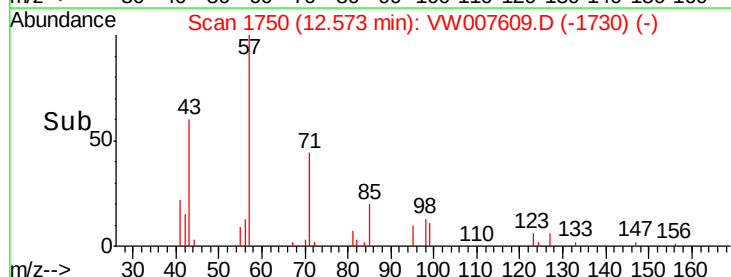
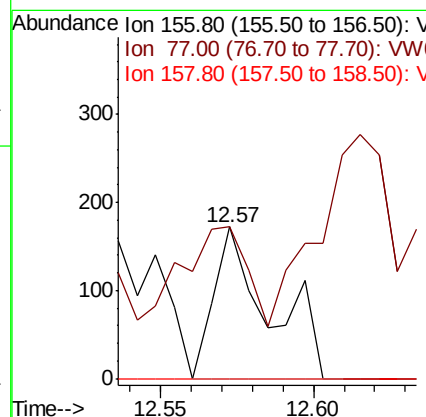
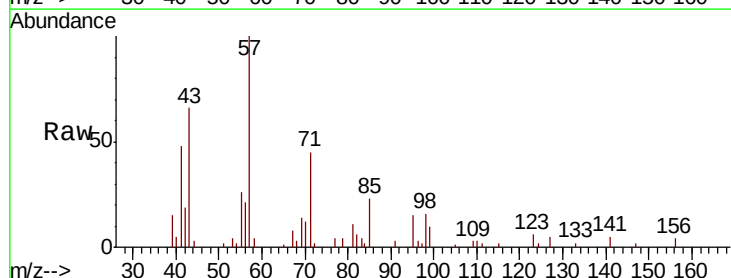
Tgt Ion: 156 Resp: 215

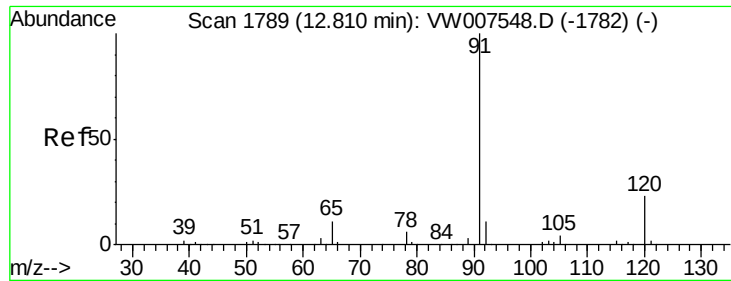
Ion Ratio Lower Upper

156 100

77 0.0 88.1 264.4#

158 0.0 45.6 136.7#





#78

n-propylbenzene

Concen: 263.621 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007609.D

Acq: 16 Dec 2018 04:41

Instrument :

MSVOA_W

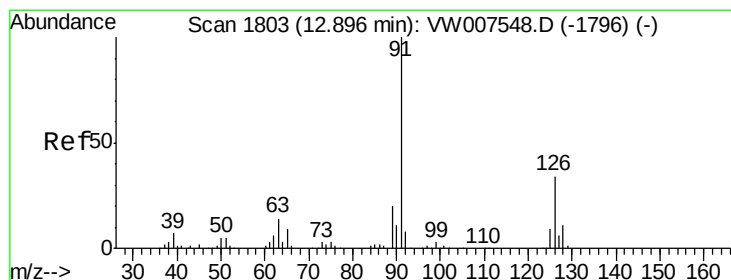
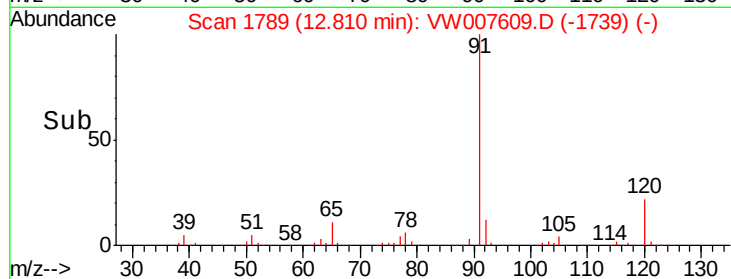
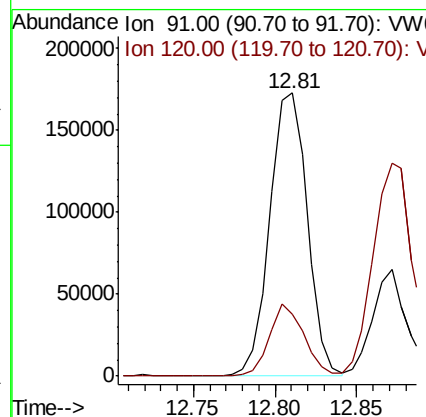
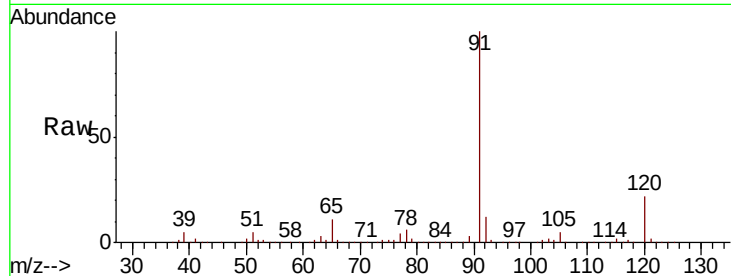
ClientSampleId :

Tot Ion: 91 Resp: 276840

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5



#79

2-Chlorotoluene

Concen: 165.108 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW007609.D

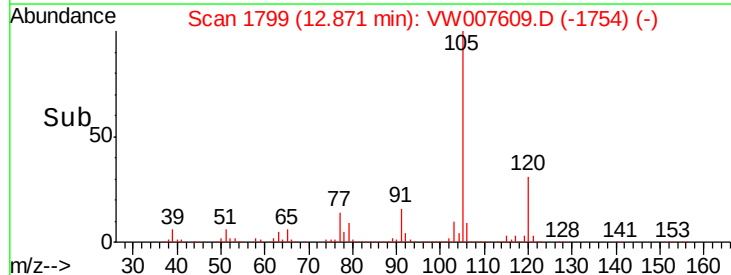
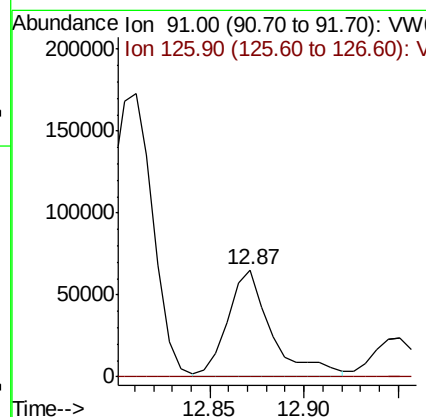
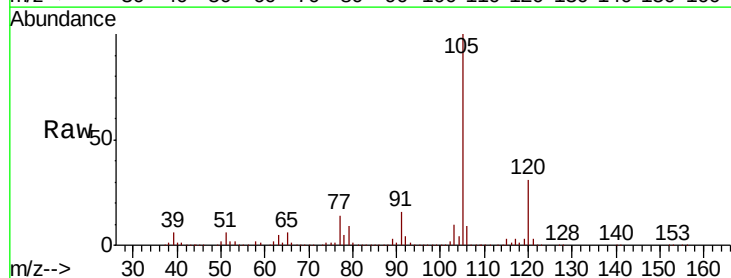
Acq: 16 Dec 2018 04:41

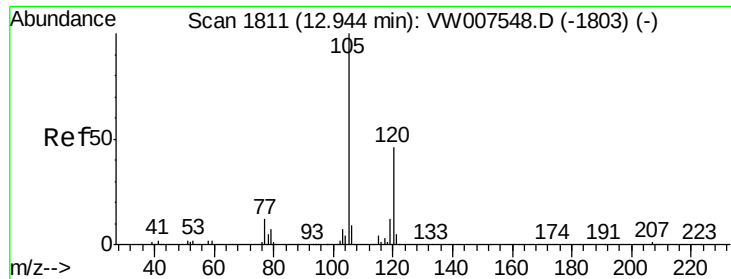
Tgt Ion: 91 Resp: 104913

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.6#

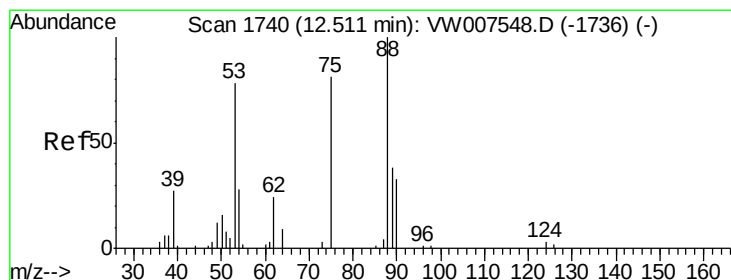
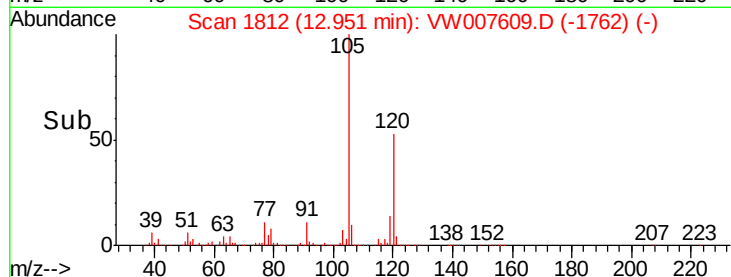
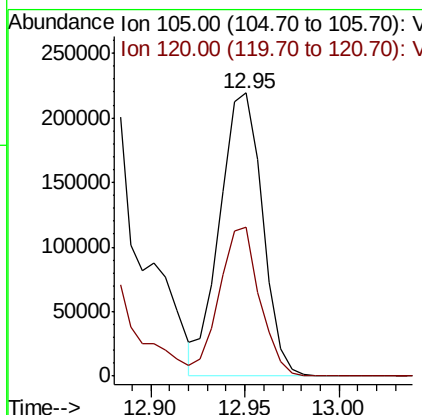
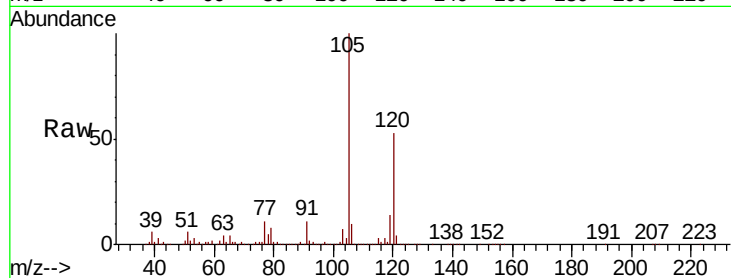




#80
 1,3,5-Trimethylbenzene
 Concen: 439.129 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

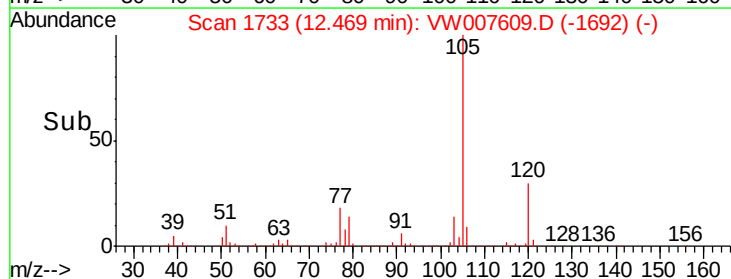
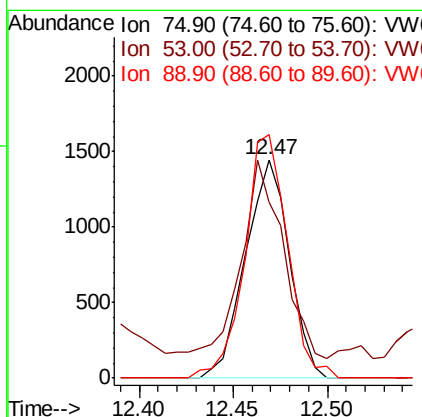
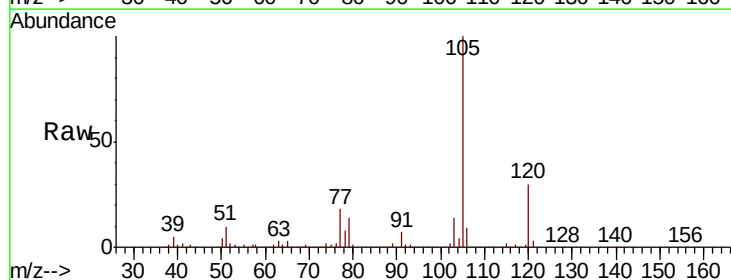
Instrument :
 MSVOA_W
 ClientSampleId :

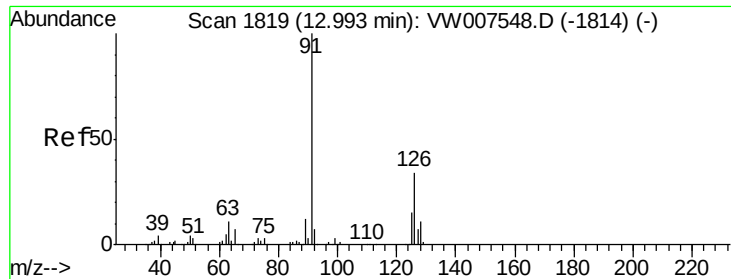
Tot Ion:105 Resp: 344302
 Ion Ratio Lower Upper
 105 100
 120 49.9 23.8 71.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.171 ug/l
 RT: 12.47 min Scan# 1733
 Delta R.T. -0.05 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

Tgt Ion: 75 Resp: 2326
 Ion Ratio Lower Upper
 75 100
 53 99.4 84.9 127.3
 89 109.3 40.3 60.5#





#82

4-Chlorotoluene

Concen: 56.005 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW007609.D

Acq: 16 Dec 2018 04:41

Instrument :

MSVOA_W

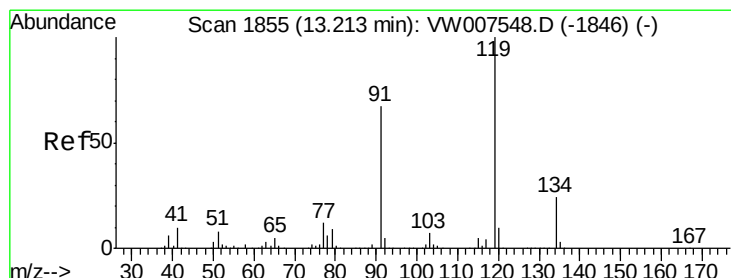
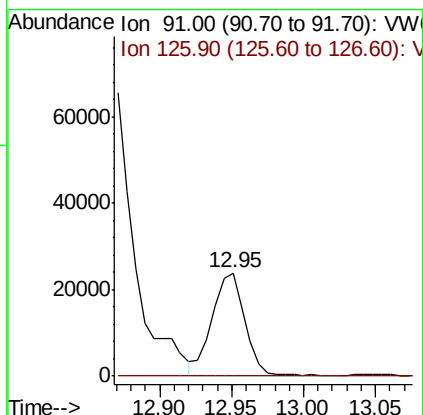
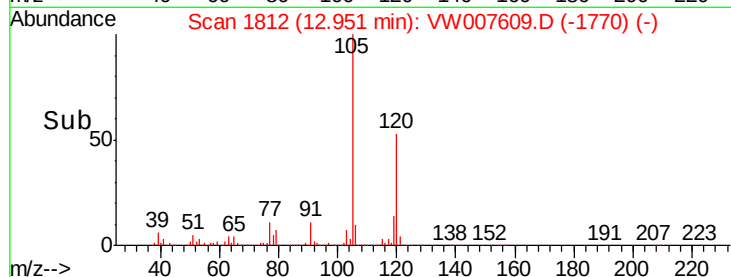
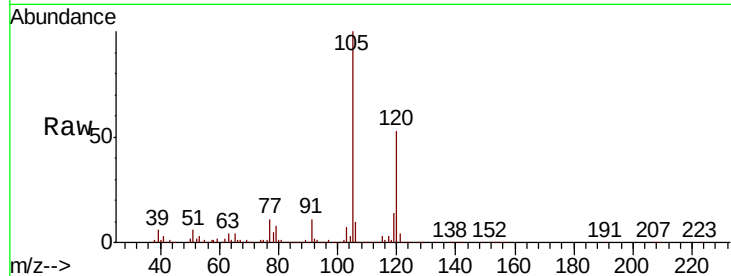
ClientSampled :

Tot Ion: 91 Resp: 37512

Ion Ratio Lower Upper

91 100

126 0.1 16.0 48.0#



#83

tert-Butylbenzene

Concen: 177.803 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.04 min

Lab File: VW007609.D

Acq: 16 Dec 2018 04:41

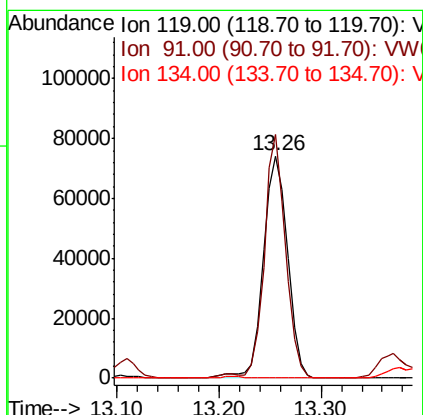
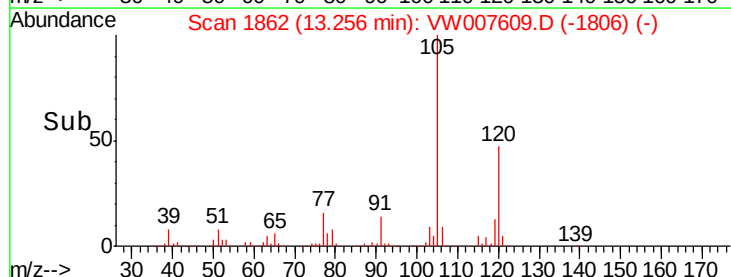
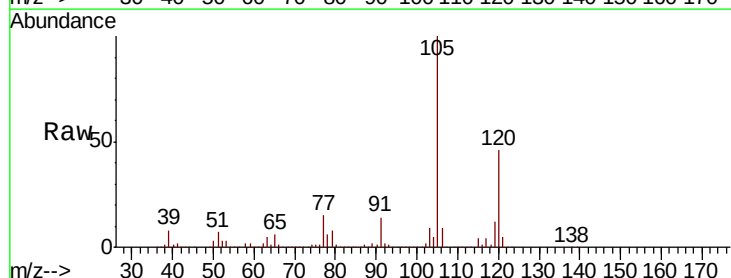
Tgt Ion: 119 Resp: 122837

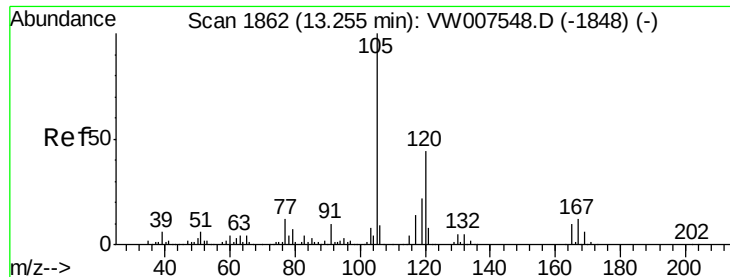
Ion Ratio Lower Upper

119 100

91 95.9 33.1 99.2

134 0.0 12.5 37.5#

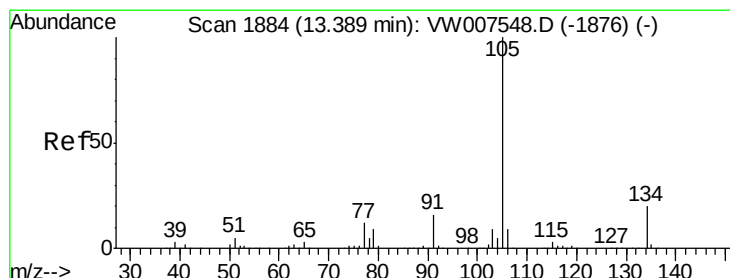
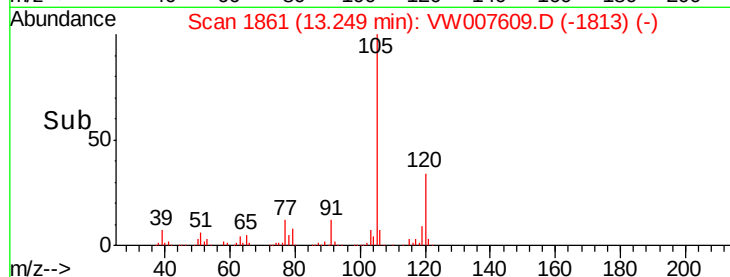
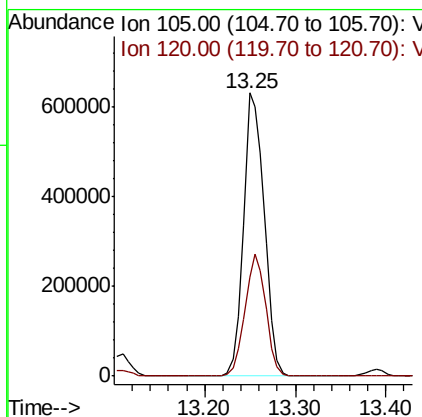
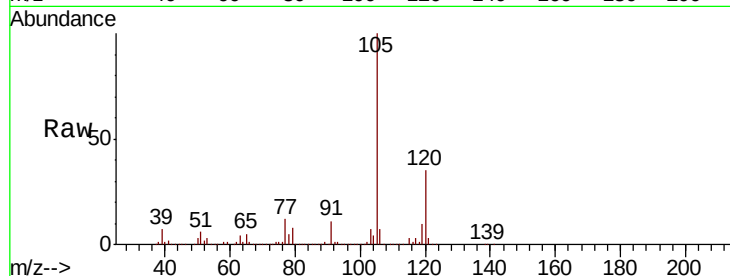




#84
1,2,4-Trimethylbenzene
Concen: 1225.538 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

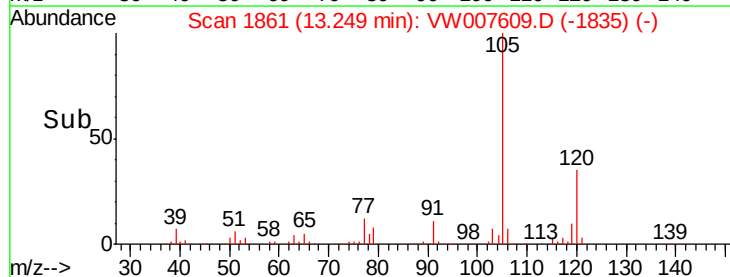
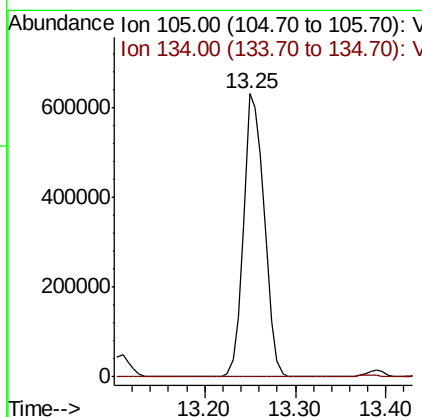
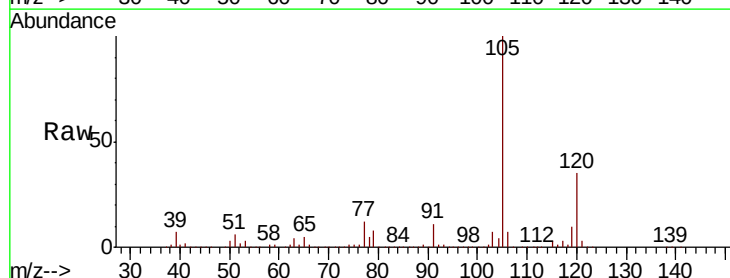
Instrument :
MSVOA_W
ClientSampleId :

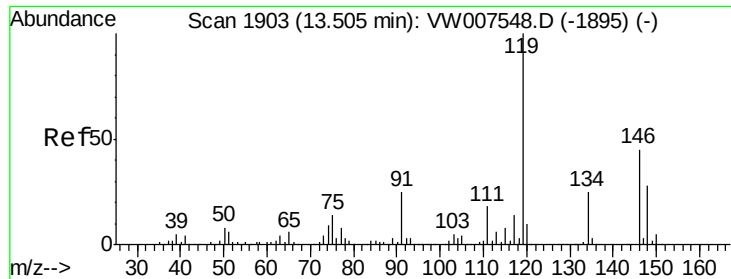
Tot Ion:105 Resp: 988805
Ion Ratio Lower Upper
105 100
120 43.4 22.6 67.7



#85
sec-Butylbenzene
Concen: 1048.449 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.14 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

Tgt Ion:105 Resp: 988805
Ion Ratio Lower Upper
105 100
134 0.0 11.1 33.3#

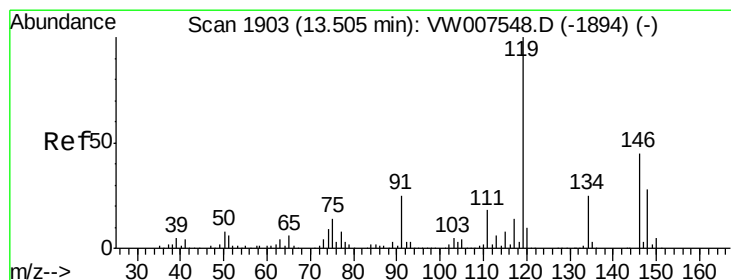
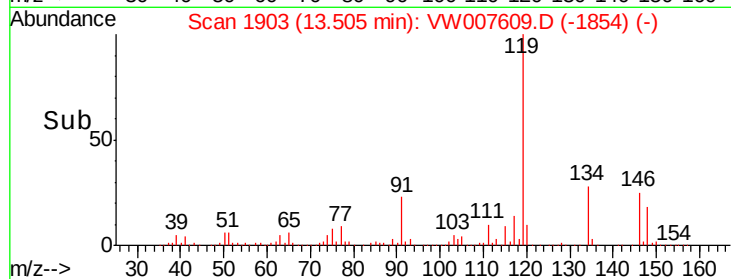
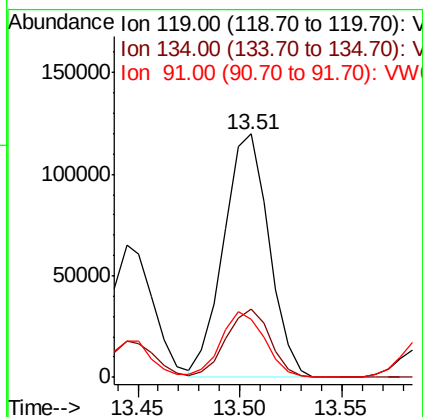
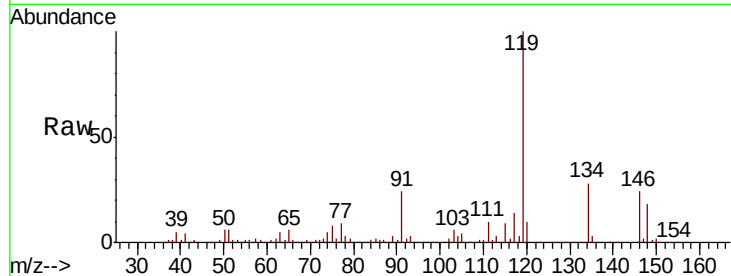




#86
p-Isopropyltoluene
Concen: 218.456 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

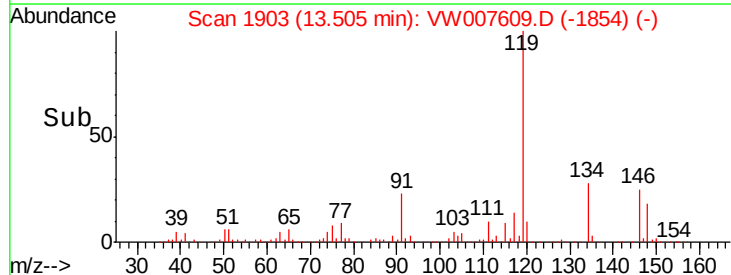
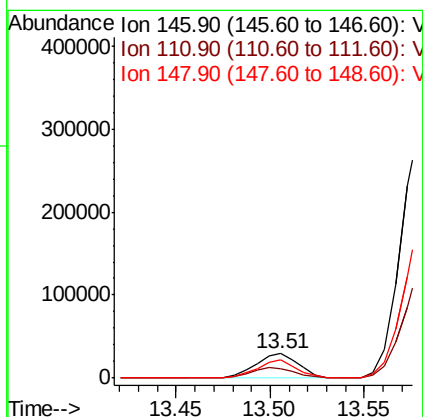
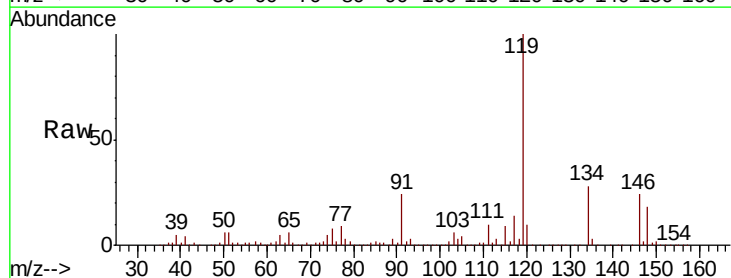
Instrument :
MSVOA_W
ClientSampleId :

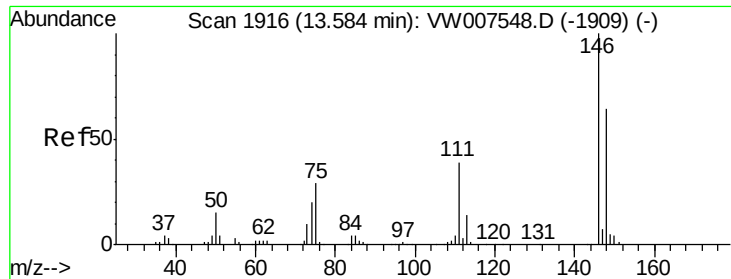
Tot Ion:119 Resp: 185090
Ion Ratio Lower Upper
119 100
134 27.0 12.9 38.7
91 25.8 11.9 35.9



#87
1,3-Dichlorobenzene
Concen: 112.759 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

Tgt Ion:146 Resp: 46501
Ion Ratio Lower Upper
146 100
111 43.1 20.1 60.3
148 68.2 31.4 94.0

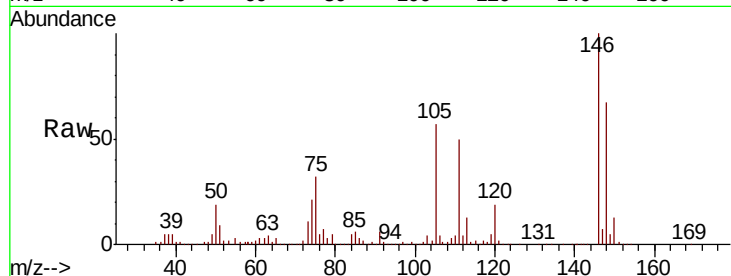




#88
 1,4-Dichlorobenzene
 Concen: 1241.554 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.3	61.0
148	63.9	33.5	100.5

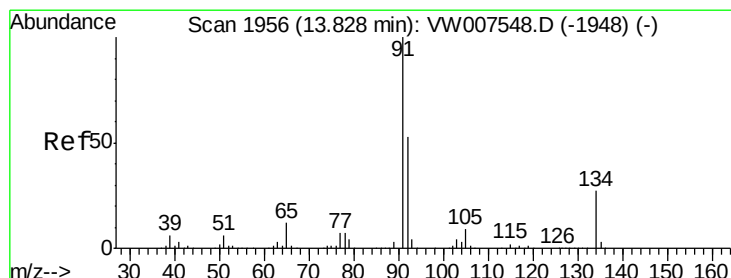
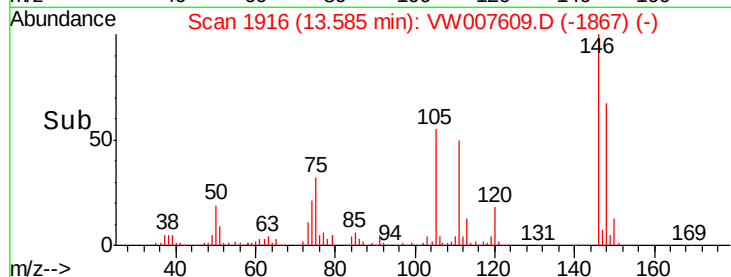
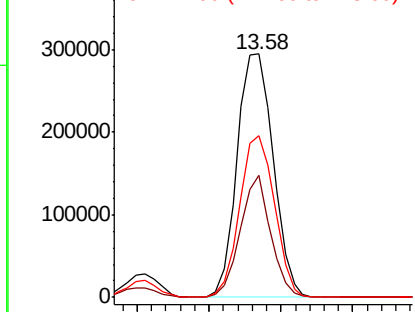


Abundance

Ion 145.90 (145.60 to 146.60): V

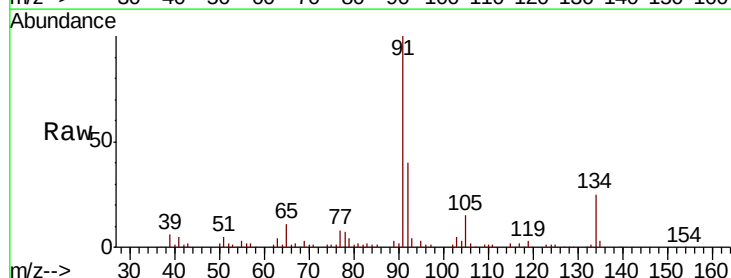
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89
 n-Butylbenzene
 Concen: 38.545 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.0	25.7	77.1
134	0.0	13.4	40.2#

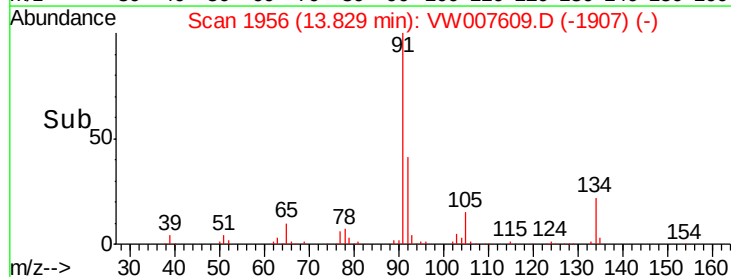
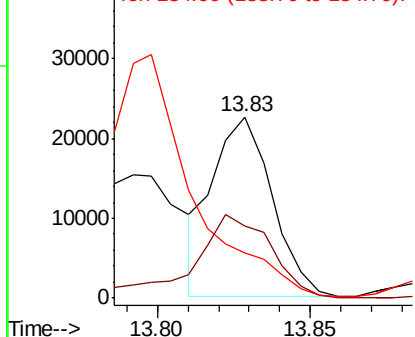


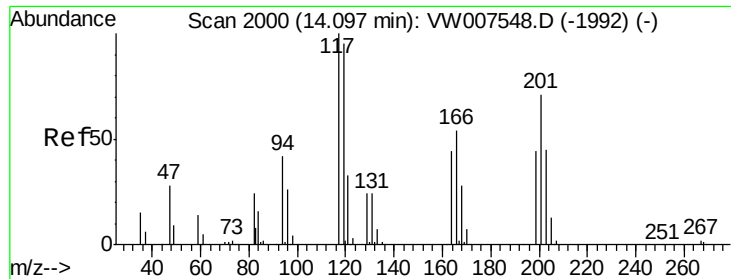
Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

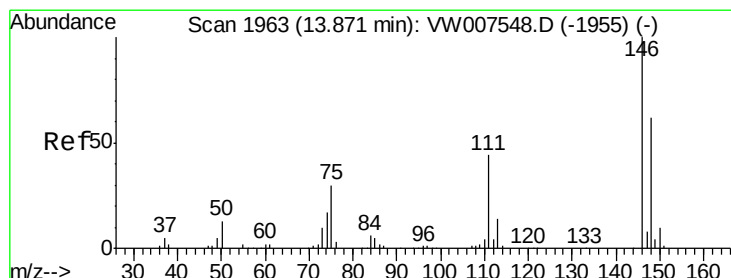
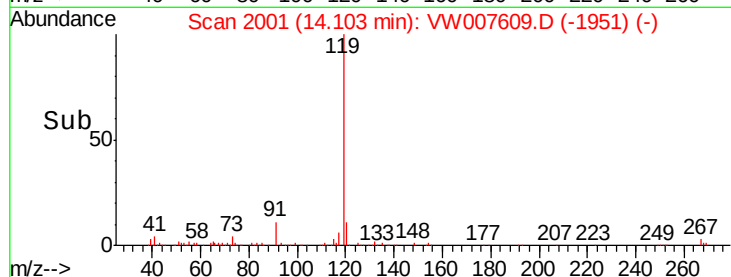
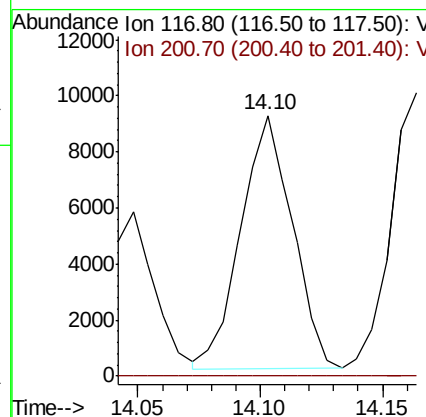
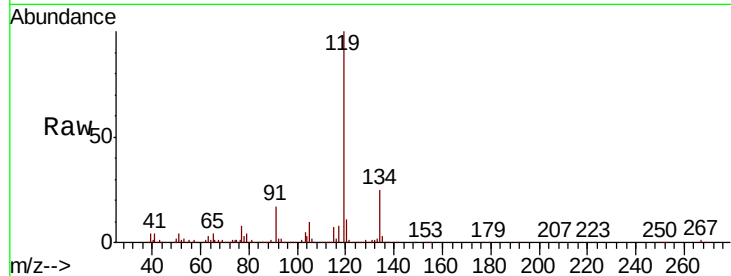




#90
Hexachloroethane
Concen: 88.250 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

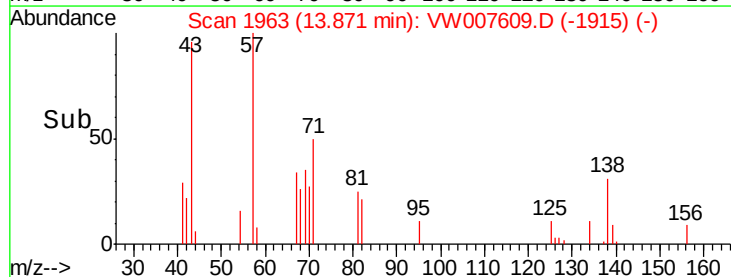
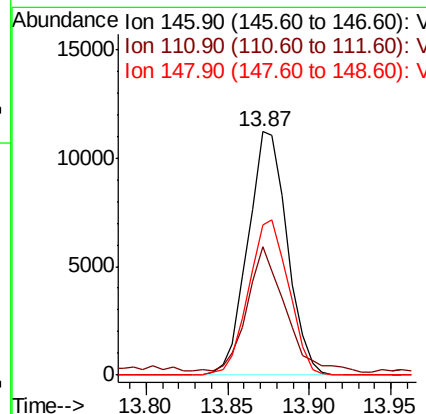
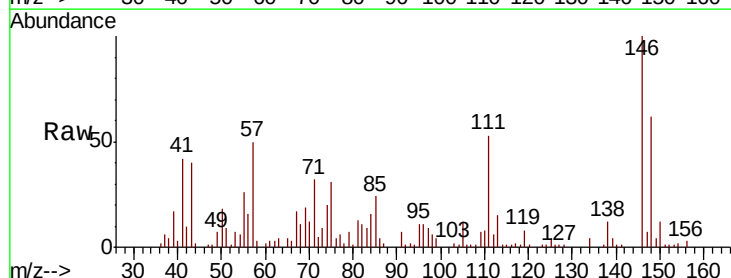
Instrument :
MSVOA_W
ClientSampled :

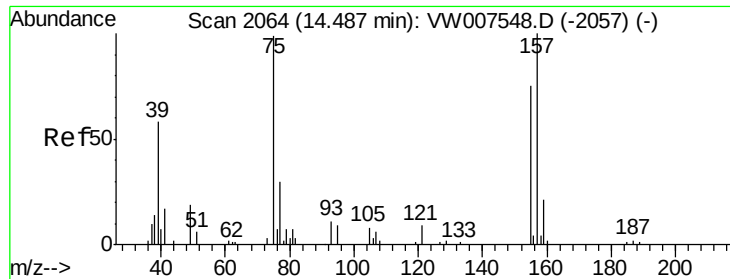
Tot Ion:117 Resp: 13304
Ion Ratio Lower Upper
117 100
201 0.0 35.3 105.9#



#91
1,2-Dichlorobenzene
Concen: 50.806 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. -0.01 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

Tgt Ion:146 Resp: 18766
Ion Ratio Lower Upper
146 100
111 50.4 22.4 67.2
148 65.1 32.4 97.2

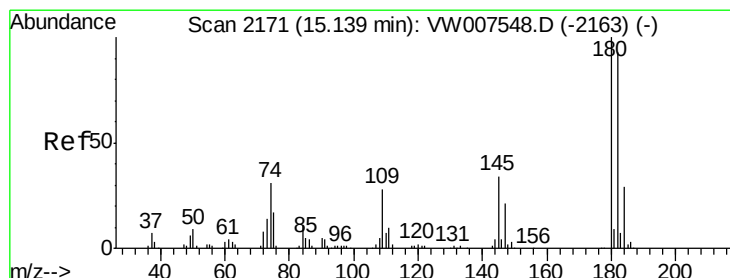
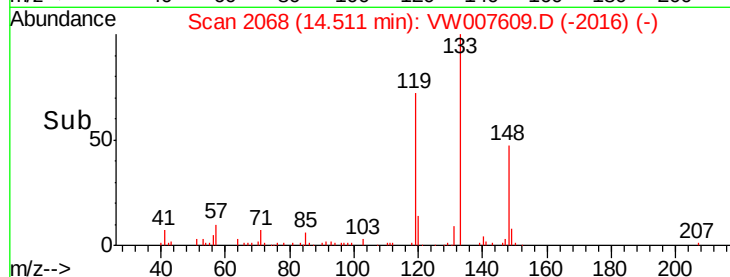
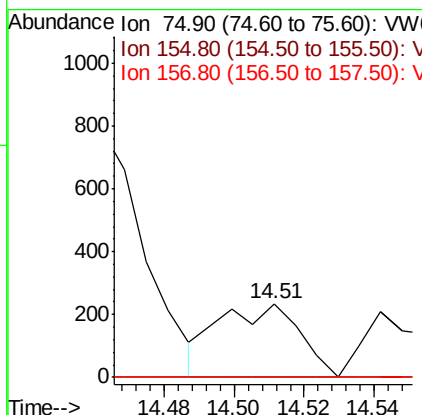
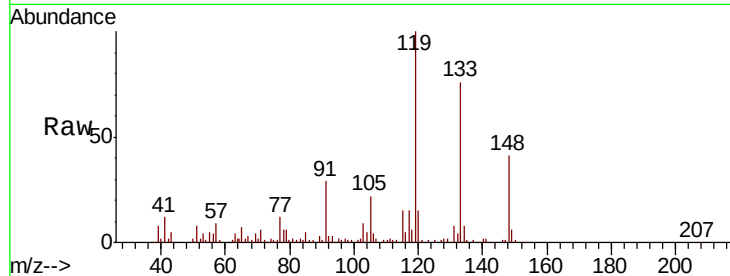




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.449 ug/l
 RT: 14.51 min Scan# 2068
 Delta R.T. 0.02 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

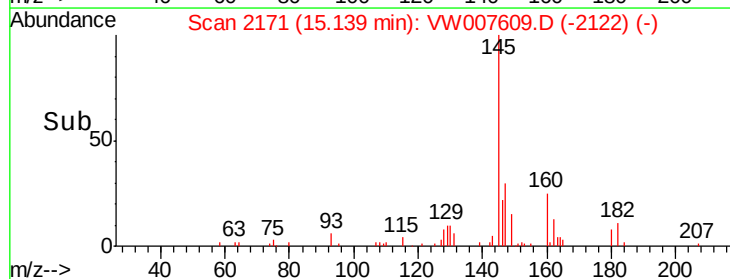
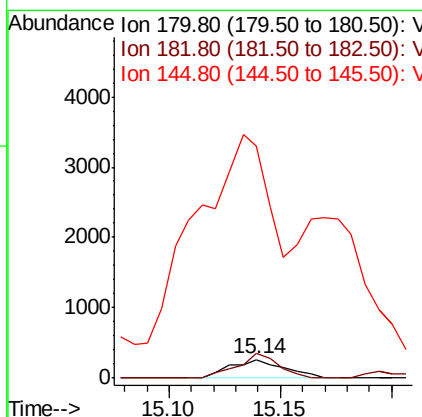
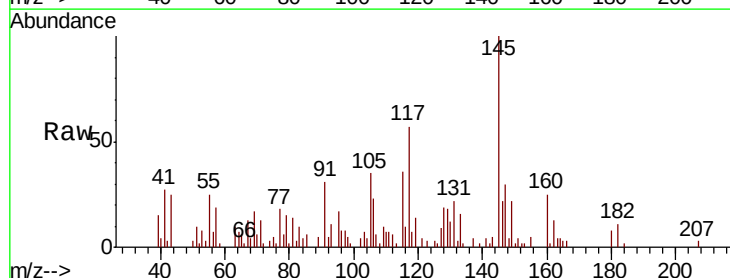
Instrument :
 MSVOA_W
 ClientSampled :

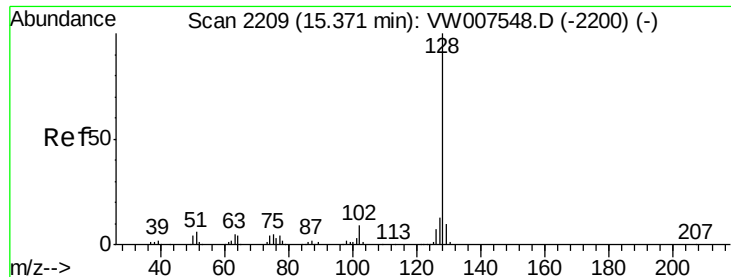
Tot Ion: 75 Resp: 373
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.8 122.2#
 157 0.0 51.1 153.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.786 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007609.D
 Acq: 16 Dec 2018 04:41

Tgt Ion: 180 Resp: 454
 Ion Ratio Lower Upper
 180 100
 182 98.7 49.9 149.6
 145 1918.1 17.8 53.4#

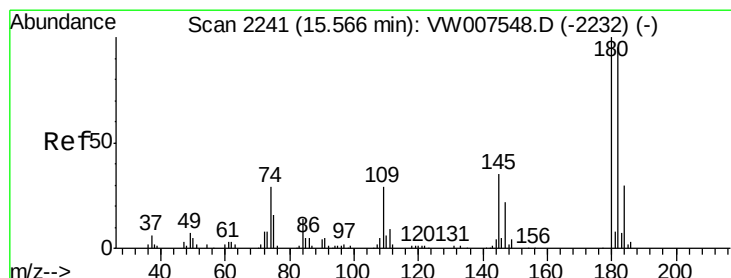
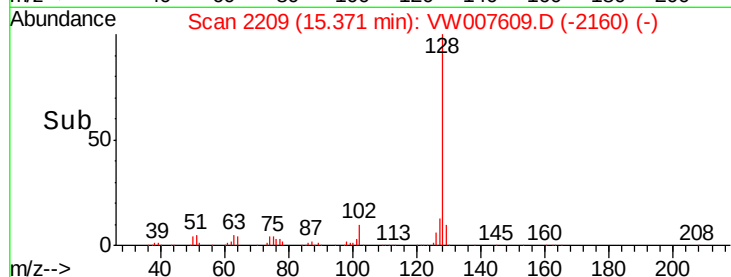
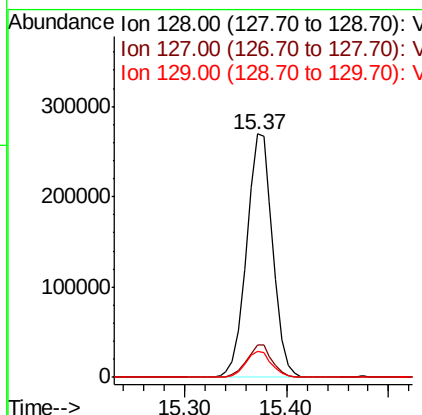
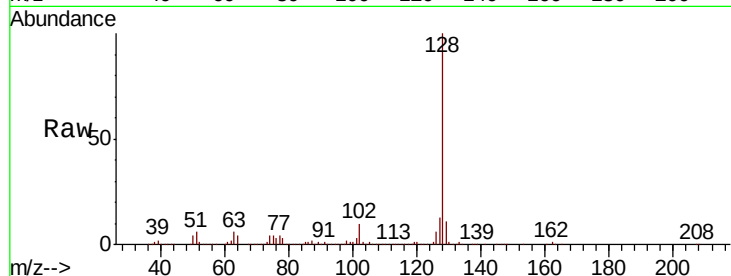




#95
Naphthalene
Concen: 982.134 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.7	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 6.277 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007609.D
Acq: 16 Dec 2018 04:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	84.6	45.6	136.7
145	0.0	17.5	52.5#

