

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006970.D
 Acq On : 20 Nov 2018 03:21
 Operator : SY/AP
 Sample : J5993-05
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20180929-AMENDED-WCC-2-COMP

Quant Time: Nov 20 04:41:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	11671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	21047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	16791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	6337	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	6356	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
50) Toluene-d8	10.33	98	21401	40.41	ug/l	0.00
Spiked Amount			Recovery	=	80.82%	
62) 4-Bromofluorobenzene	12.62	95	7423	35.95	ug/l	0.00
Spiked Amount			Recovery	=	71.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	4327	217.494	ug/l #	87
17) Carbon Disulfide	4.39	76	4350	12.788	ug/l	95
20) Methylene Chloride	4.92	84	1792	10.407	ug/l #	91
25) 2-Butanone	7.18	43	818	24.757	ug/l #	47
31) Cyclohexane	7.95	56	6174	27.719	ug/l #	86
36) 1,1-Dichloropropene	7.95	75	967	4.823	ug/l #	44
37) Ethyl Acetate	7.18	43	818	9.595	ug/l #	68
38) Carbon Tetrachloride	7.95	117	1171	5.943	ug/l #	13
39) Methylcyclohexane	9.34	83	20336	81.724	ug/l	97
40) Benzene	8.33	78	12849	22.674	ug/l	97
41) Methacrylonitrile	7.53	41	58	1.111	ug/l #	25
43) Isopropyl Acetate	8.42	43	2069	12.648	ug/l #	51
47) Bromodichloromethane	9.62	83	871	4.563	ug/l #	25
48) Methyl methacrylate	9.48	41	669	8.475	ug/l #	11
51) 4-Methyl-2-Pentanone	10.24	43	932	11.560	ug/l	88
52) Toluene	10.39	92	5090	13.426	ug/l	94
53) t-1,3-Dichloropropene	10.73	75	326	1.748	ug/l #	63
55) 1,1,2-Trichloroethane	10.76	97	4900	45.843	ug/l #	26
56) Ethyl methacrylate	10.66	69	2051	15.434	ug/l #	38
59) 2-Hexanone	10.94	43	6438	119.316	ug/l #	29
67) Ethyl Benzene	11.73	91	19929	31.177	ug/l	95
68) m/p-Xylenes	11.84	106	22269	89.462	ug/l	97
69) o-Xylene	12.17	106	14727	62.336	ug/l	97
70) Styrene	12.16	104	738	1.942	ug/l #	1
73) Isopropylbenzene	12.47	105	3054	6.085	ug/l	97
74) N-amyl acetate	12.26	43	4422	44.026	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.69	83	432	5.852	ug/l #	25
76) 1,2,3-Trichloropropane	12.87	75	170	3.338	ug/l #	100
77) Bromobenzene	12.92	156	1805	16.970	ug/l #	18
78) n-propylbenzene	12.81	91	7809	12.949	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	15312	35.433	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.62	75	3747	167.490	ug/l #	15
83) tert-Butylbenzene	13.21	119	447	1.218	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.26	105	33304	76.715	ug/l	99

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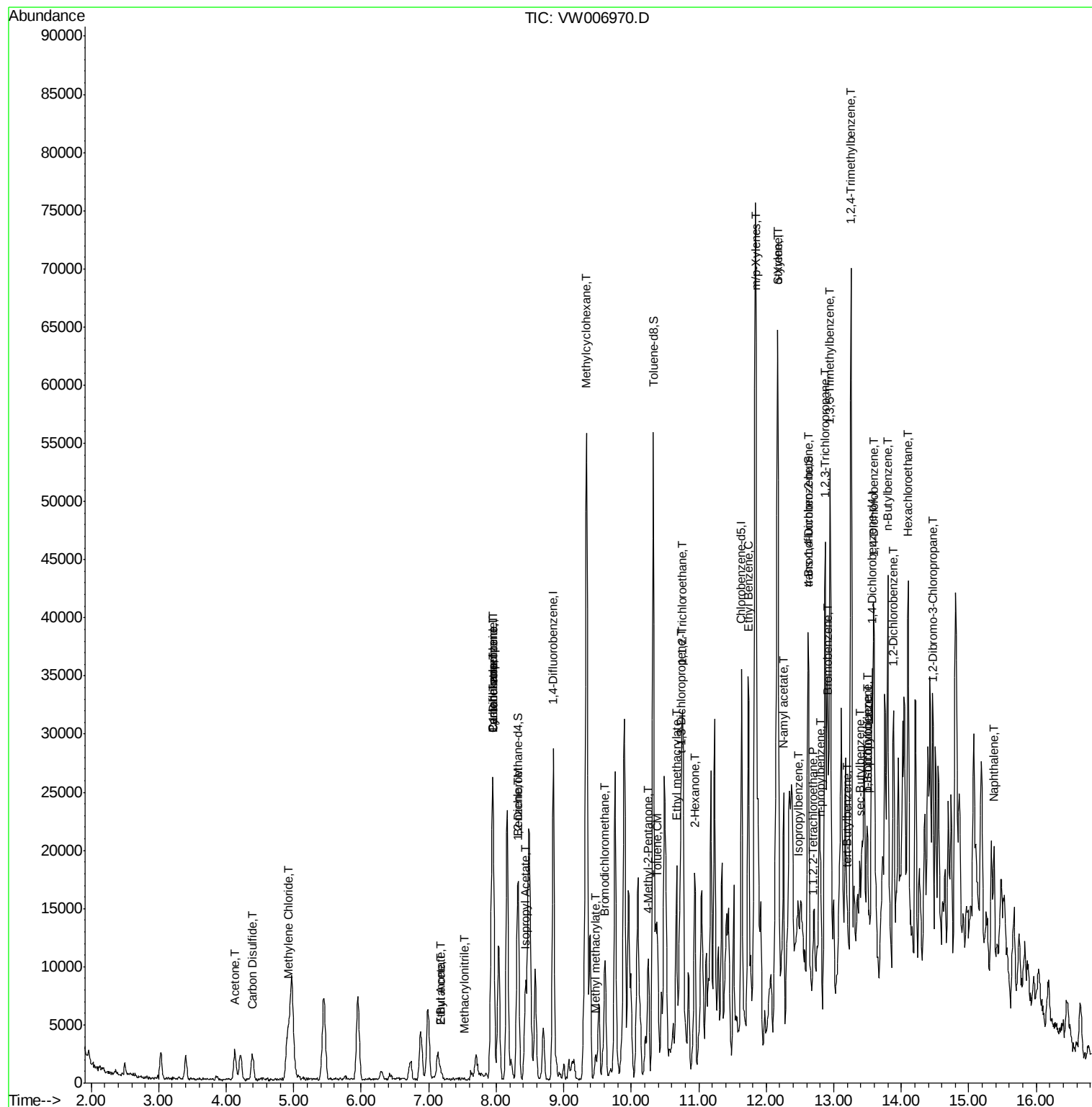
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.39	105	2878	5.496	ug/l #	59
86) p-Isopropyltoluene	13.51	119	2940	6.424	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	237	1.090	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	559	2.579	ug/l #	25
89) n-Butylbenzene	13.80	91	2100	4.848	ug/l #	1
90) Hexachloroethane	14.10	117	1432	19.194	ug/l #	16
91) 1,2-Dichlorobenzene	13.88	146	355	1.825	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.47	75	53	4.149	ug/l #	5
95) Naphthalene	15.38	128	8787	37.268	ug/l #	84

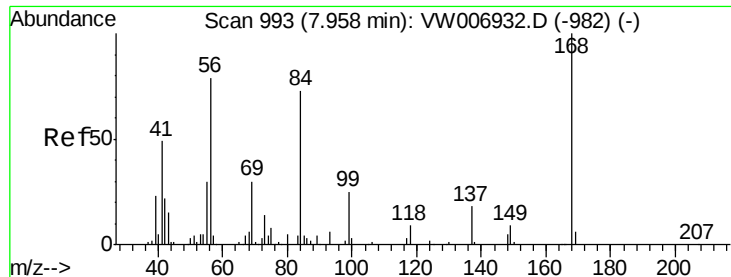
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Instrument :

MSVOA_W

ClientSampleId :

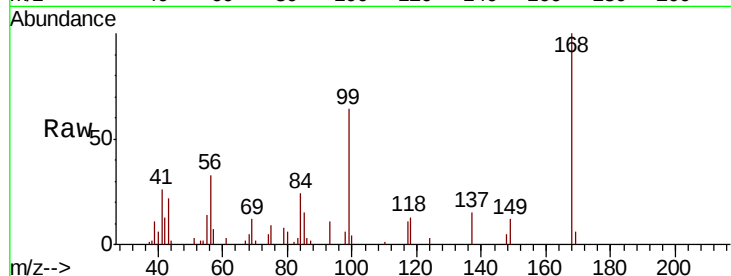
20180929-AMENDED-WCC-2-COMP

Tot Ion:168 Resp: 11671

Ion Ratio Lower Upper

168 100

99 64.1 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

6000

5000

4000

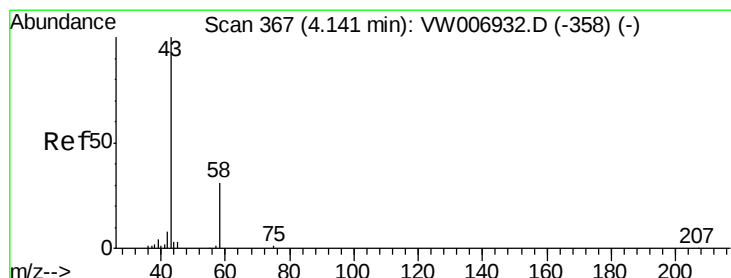
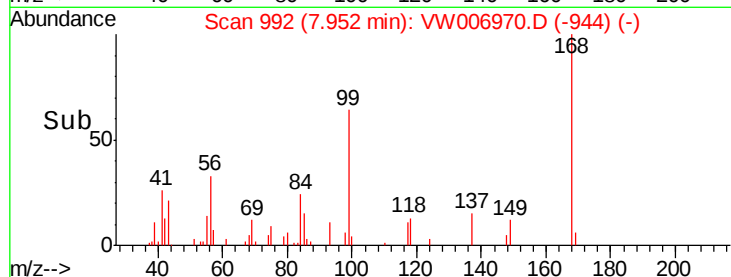
3000

2000

1000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 217.494 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006970.D

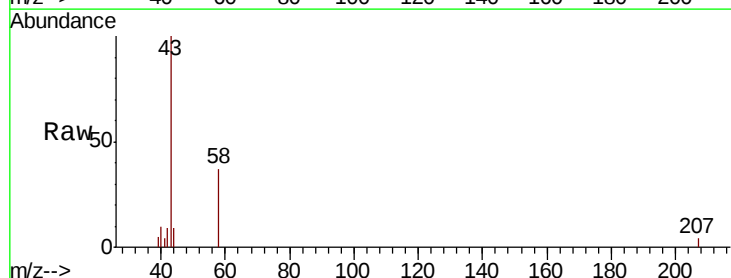
Acq: 20 Nov 2018 03:21

Tgt Ion: 43 Resp: 4327

Ion Ratio Lower Upper

43 100

58 37.3 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

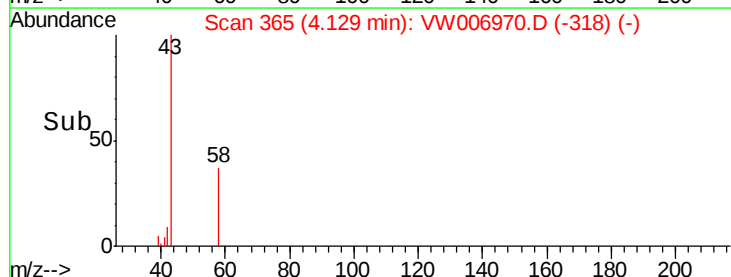
1500

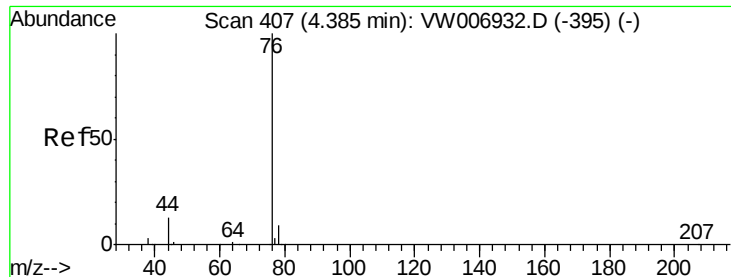
1000

500

0

Time--> 4.00 4.10 4.20

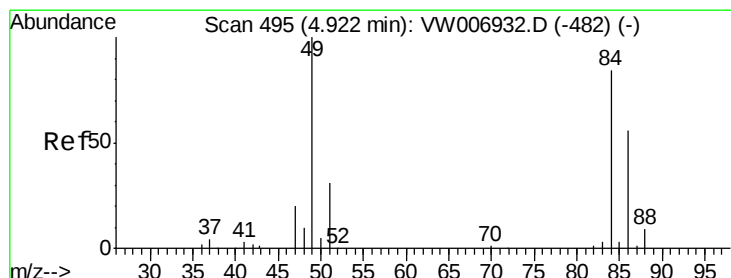
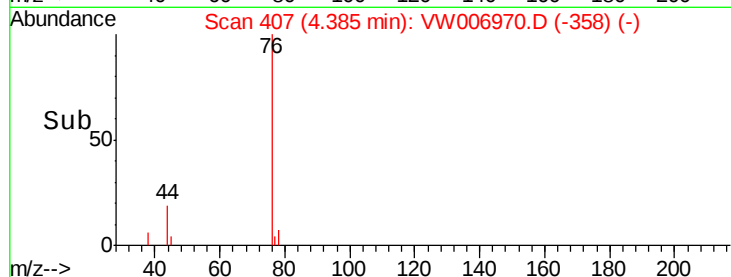
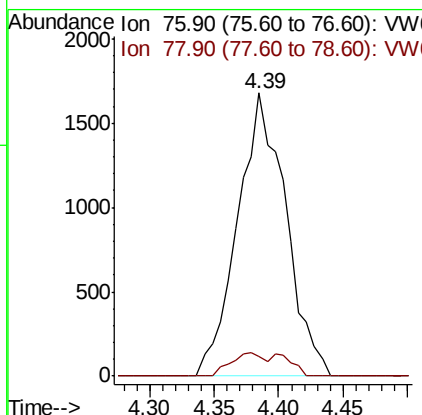
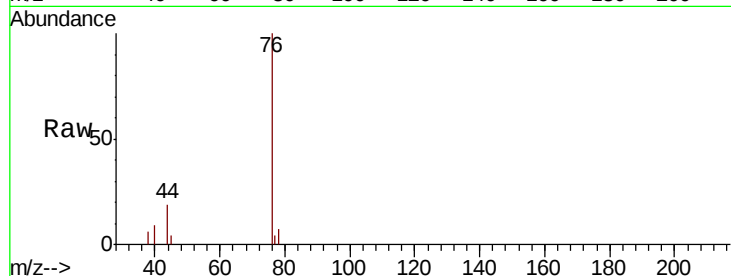




#17
Carbon Disulfide
Concen: 12.788 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

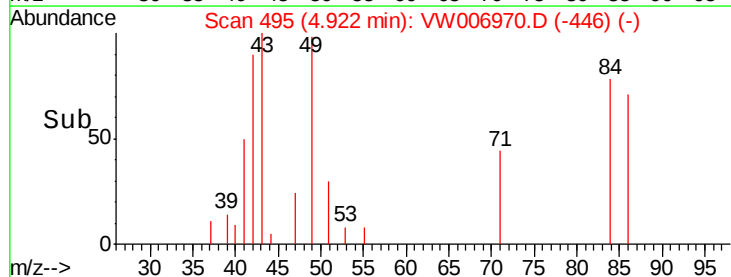
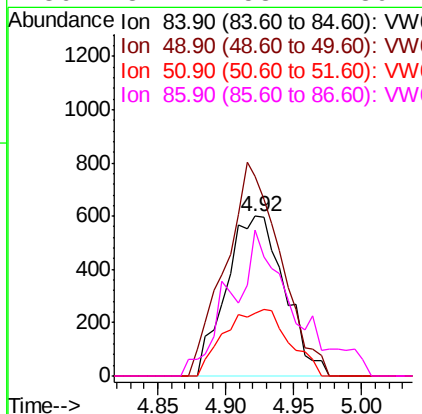
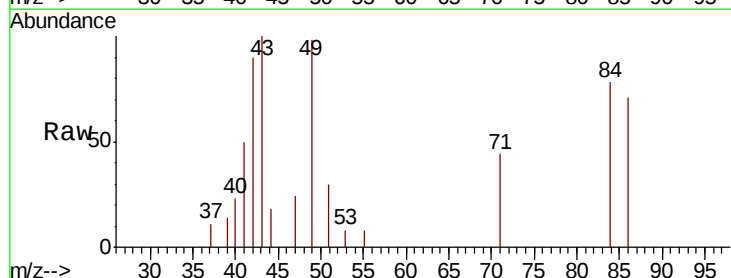
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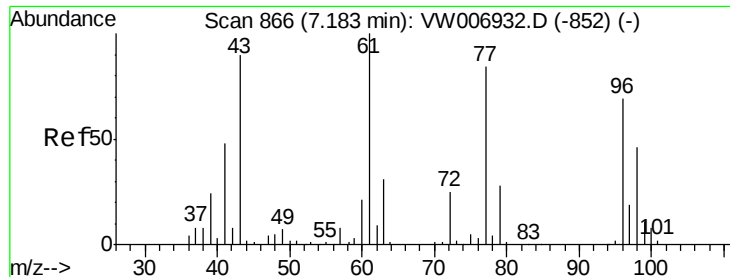
Tot Ion: 76 Resp: 4350
Ion Ratio Lower Upper
76 100
78 7.2 7.1 10.7



#20
Methylene Chloride
Concen: 10.407 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

Tgt Ion: 84 Resp: 1792
Ion Ratio Lower Upper
84 100
49 125.3 95.4 143.2
51 39.0 29.5 44.3
86 81.2 53.4 80.2#

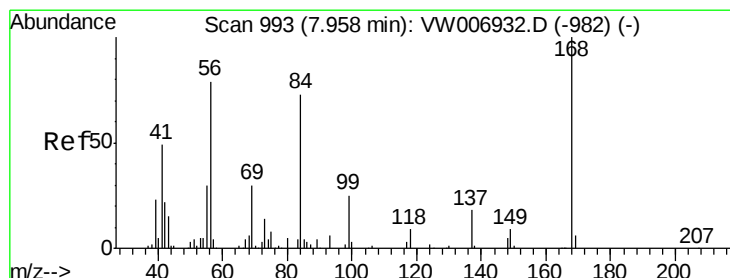
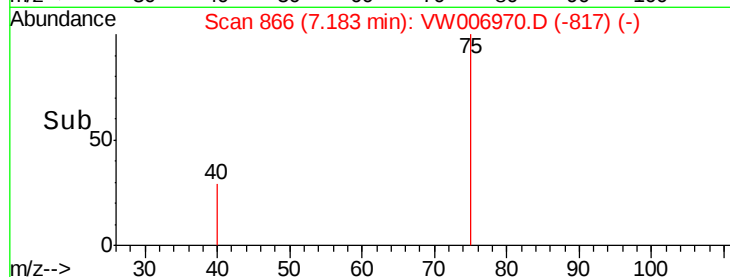
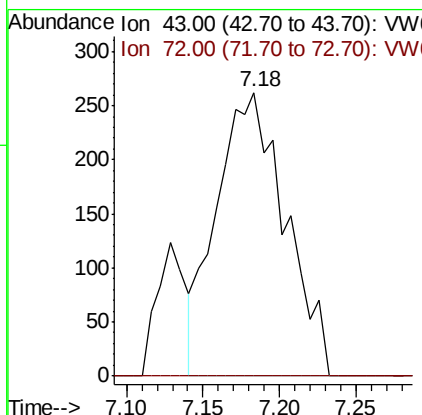
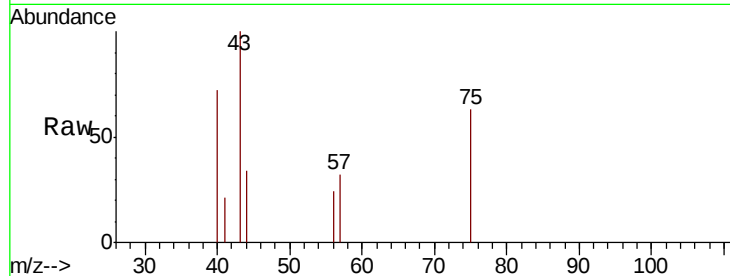




#25
2-Butanone
Concen: 24.757 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

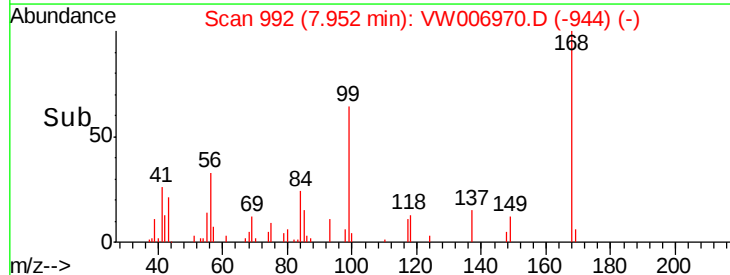
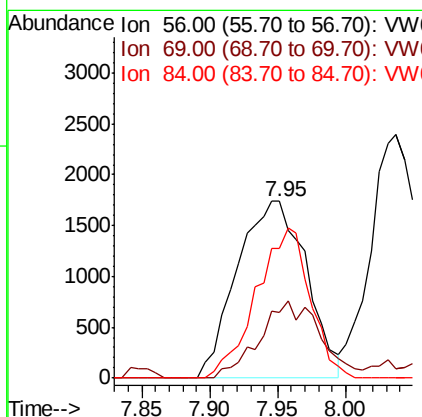
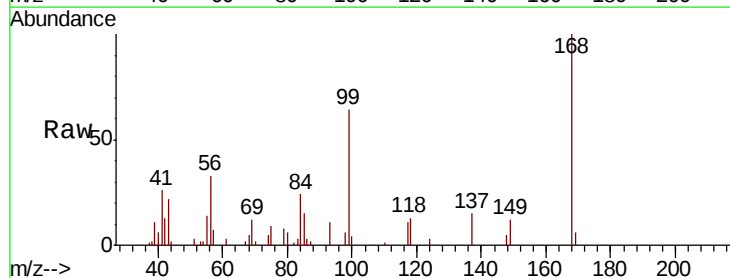
Instrument :
MSVOA_W
ClientSampleId :
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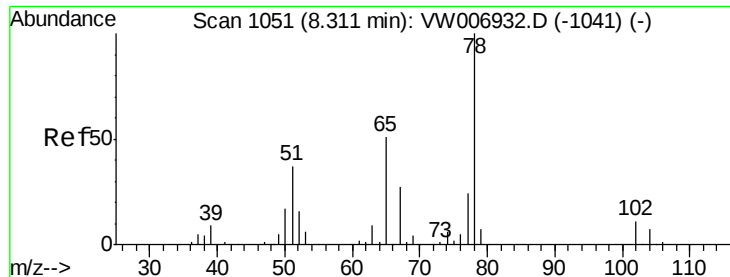
Tot Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
72 0.0 22.1 33.1#



#31
Cyclohexane
Concen: 27.719 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

Tgt Ion: 56 Resp: 6174
Ion Ratio Lower Upper
56 100
69 37.0 30.2 45.2
84 73.4 73.6 110.4#





#33

1,2-Dichloroethane-d4

Concen: 48.867 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Instrument :

MSVOA_W

ClientSampleId :

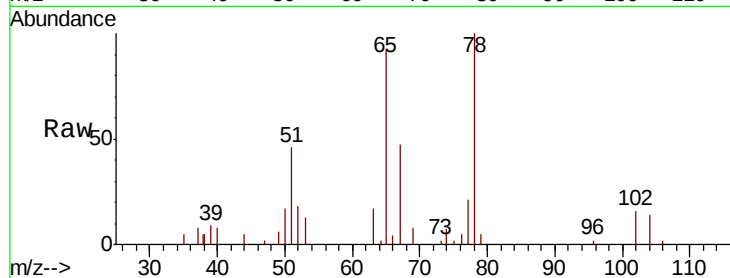
20180929-AMENDED-WCC-2-COMP

Tot Ion: 65 Resp: 6356

Ion Ratio Lower Upper

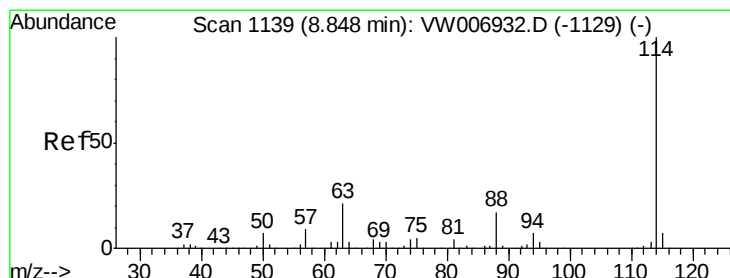
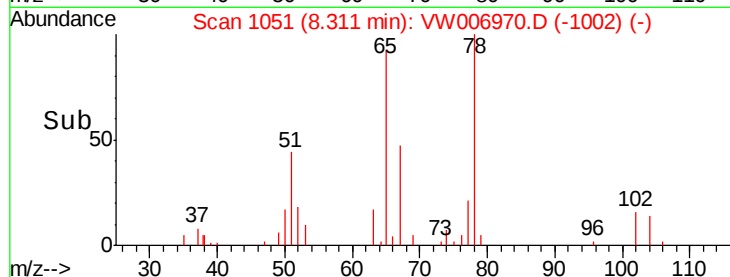
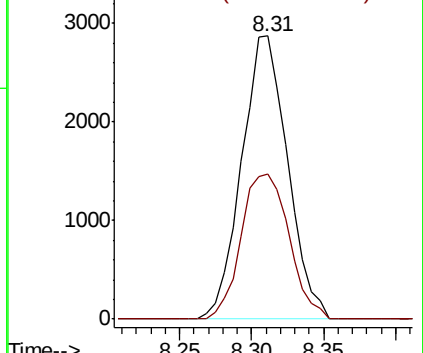
65 100

67 53.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

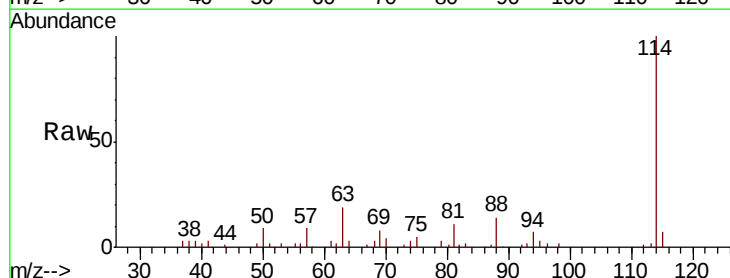
Tgt Ion: 114 Resp: 21047

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.2

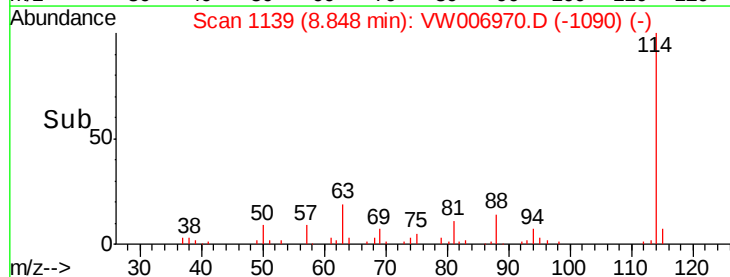
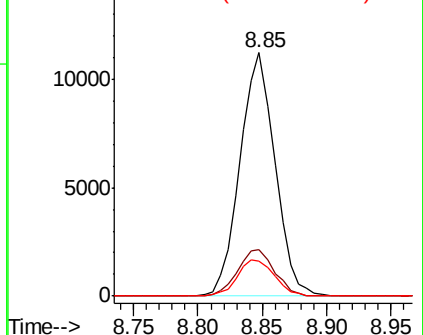
88 14.3 0.0 33.4

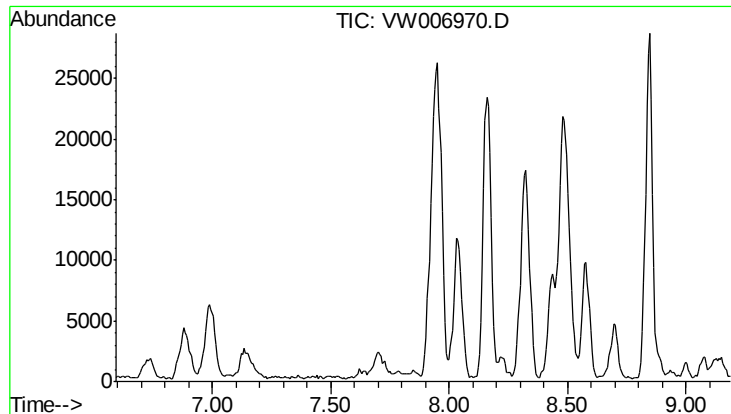


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

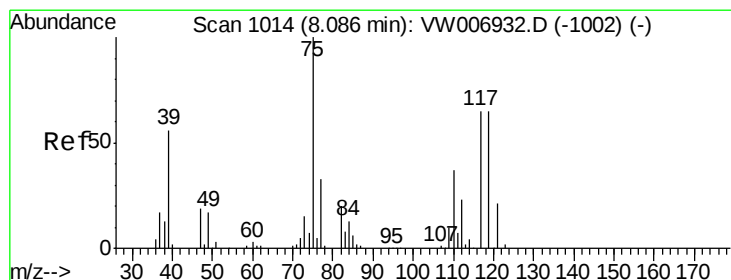
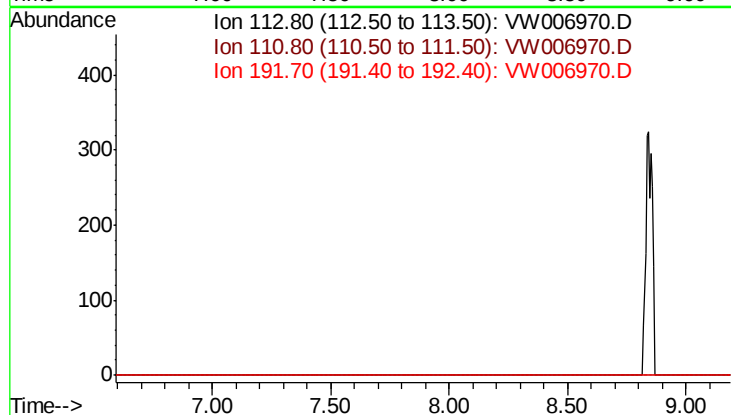




#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.89 min
 Lab File: VW006970.D
 Acq: 20 Nov 2018 03:21

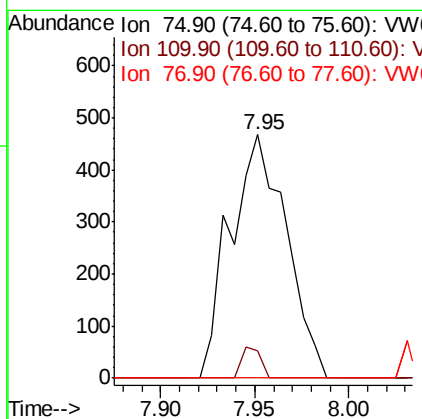
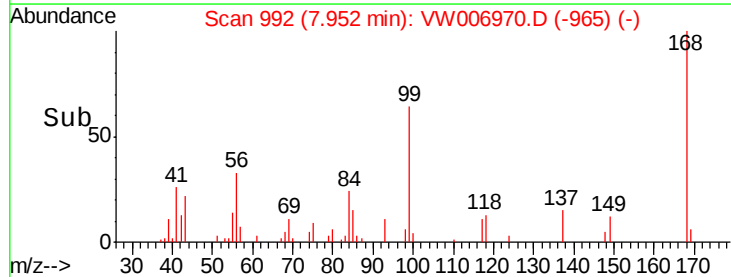
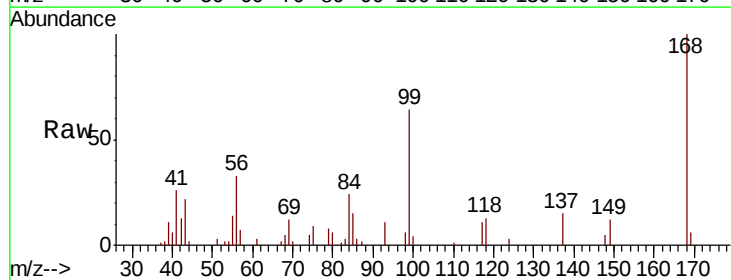
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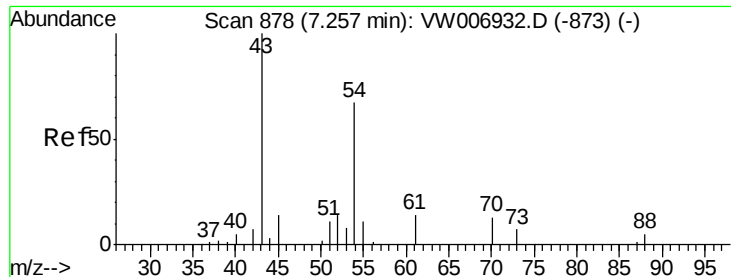
Tot Ion: 113
 Sig Exp Ratio
 113 100
 111 102.1
 192 17.4



#36
 1,1-Dichloropropene
 Concen: 4.823 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006970.D
 Acq: 20 Nov 2018 03:21

Tgt Ion: 75 Resp: 967
 Ion Ratio Lower Upper
 75 100
 110 4.2 18.1 54.1#
 77 0.0 25.4 38.0#





#37

Ethyl Acetate

Concen: 9.595 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.07 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Instrument :

MSVOA_W

ClientSampleId :

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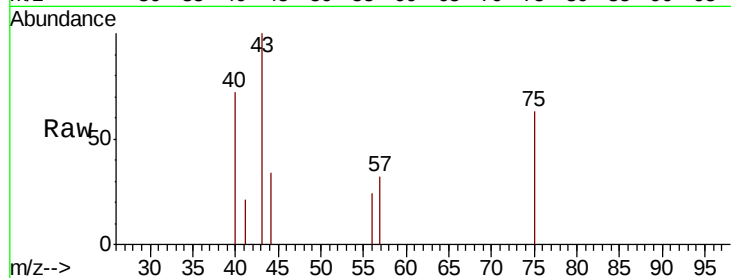
Tot Ion: 43 Resp: 818

Ion Ratio Lower Upper

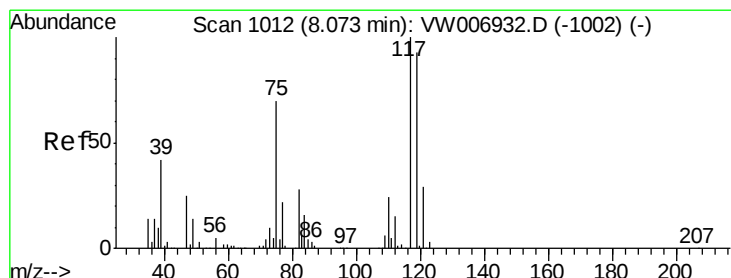
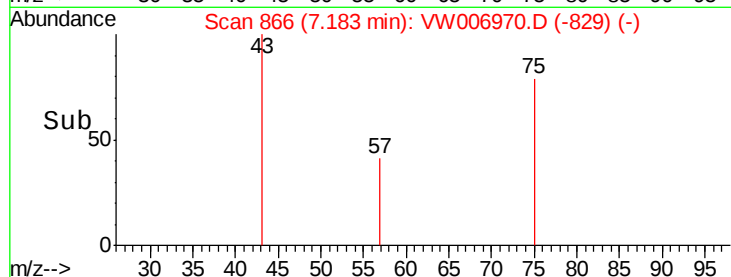
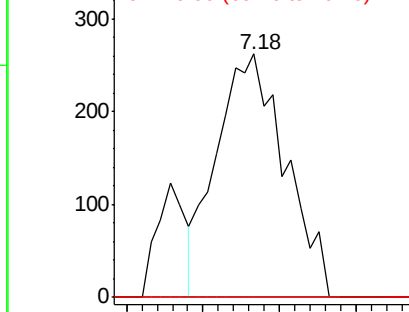
43 100

61 0.0 11.0 16.6#

70 0.0 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 5.943 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

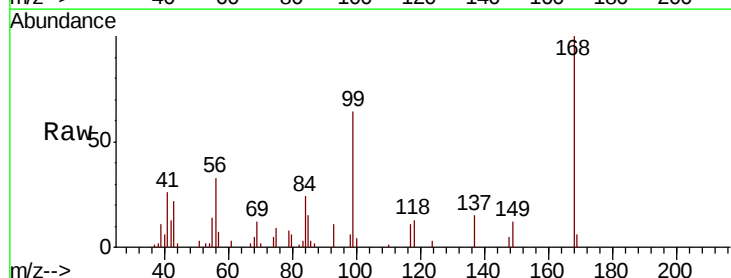
Tgt Ion: 117 Resp: 1171

Ion Ratio Lower Upper

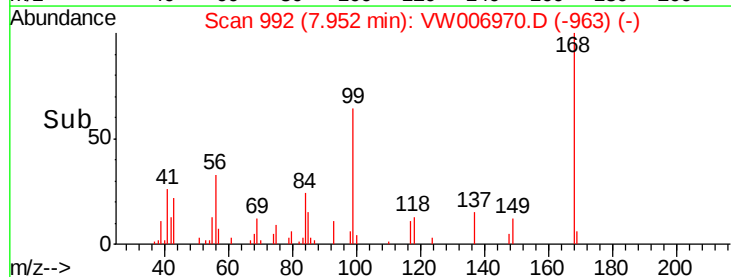
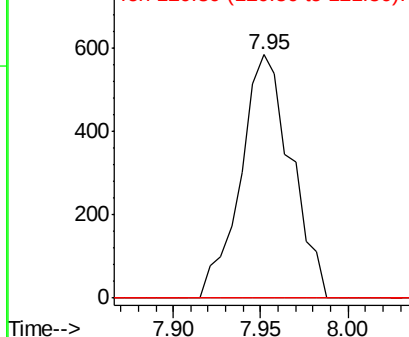
117 100

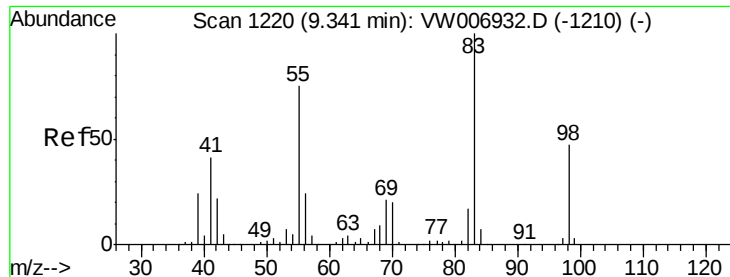
119 0.0 74.2 111.4#

121 0.0 23.5 35.3#



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

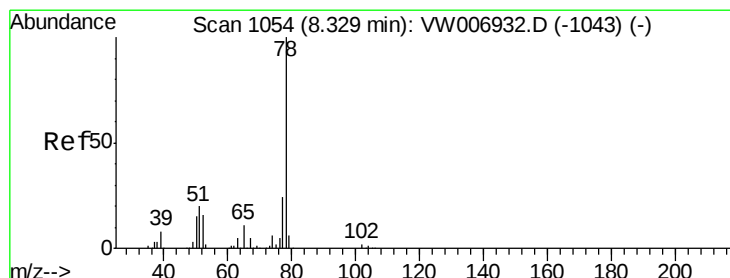
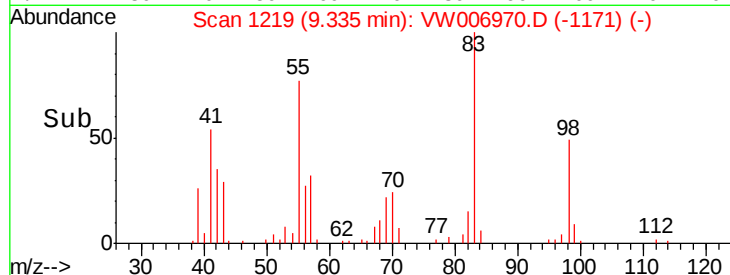
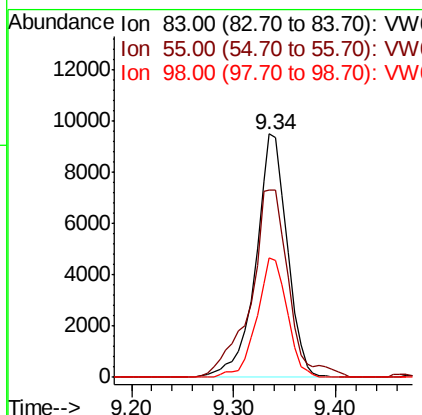
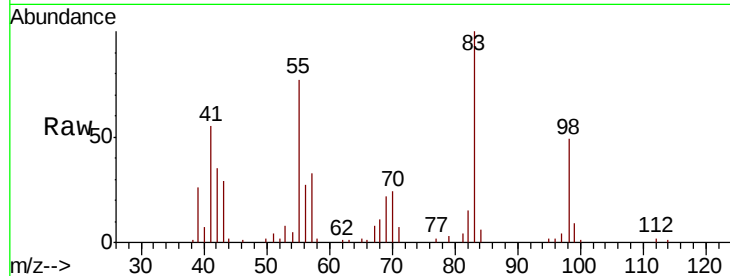




#39
Methvlcvclohexane
Concen: 81.724 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

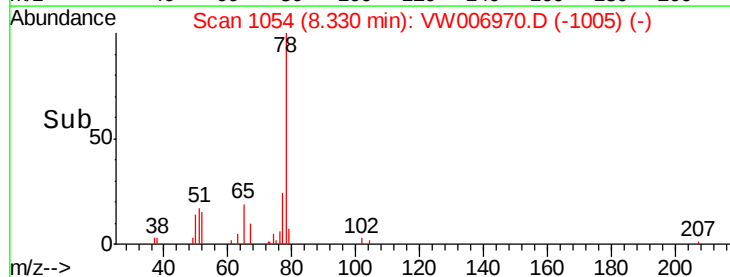
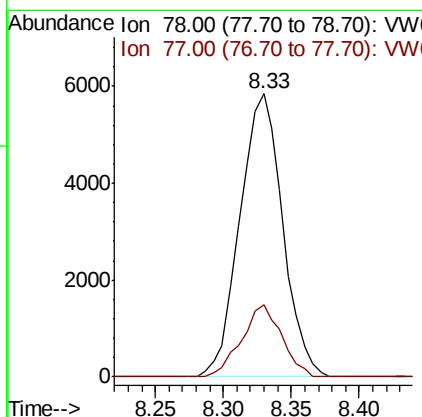
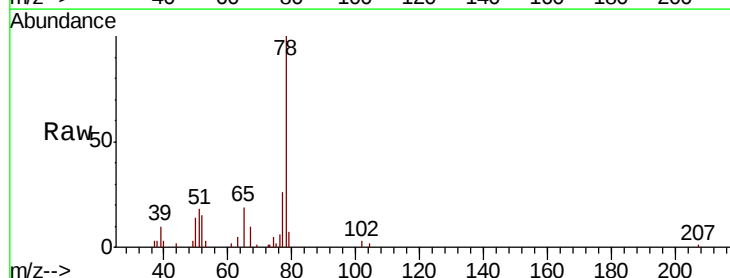
Instrument :
MSVOA_W
ClientSampleId :
20180929-AMENDED-WCC-2-COMP

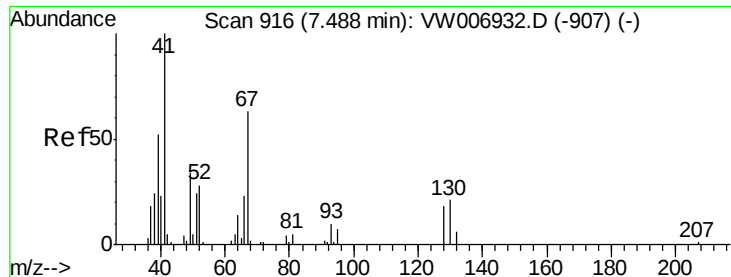
Tot Ion: 83 Resp: 20336
Ion Ratio Lower Upper
83 100
55 77.2 60.2 90.4
98 48.9 37.3 55.9



#40
Benzene
Concen: 22.674 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

Tgt Ion: 78 Resp: 12849
Ion Ratio Lower Upper
78 100
77 25.6 19.3 28.9

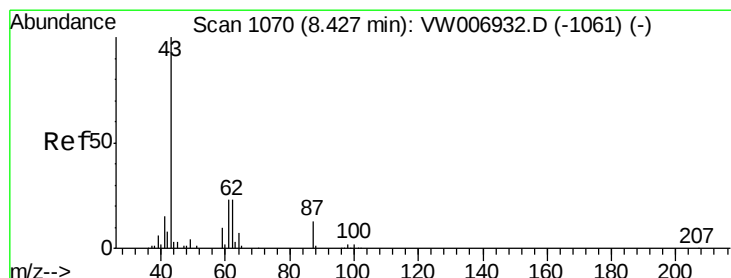
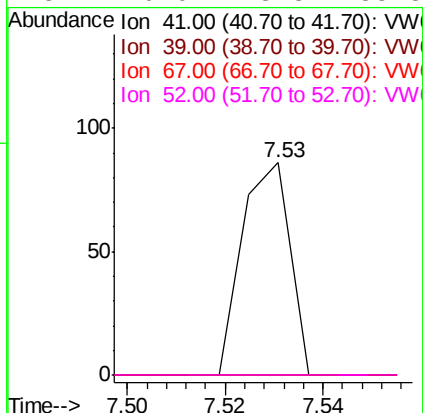
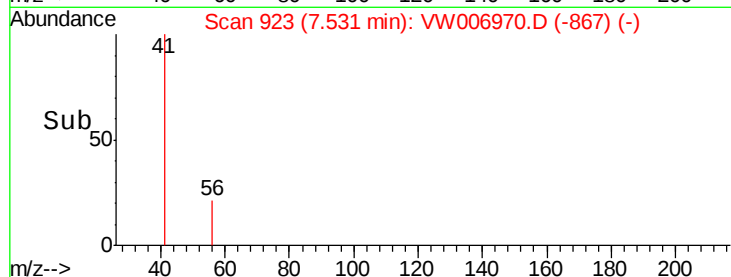
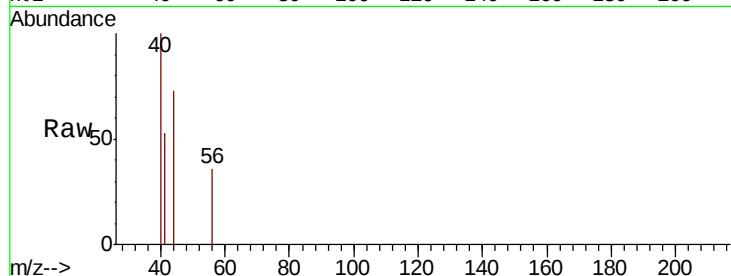




#41
Methacrylonitrile
Concen: 1.111 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.04 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

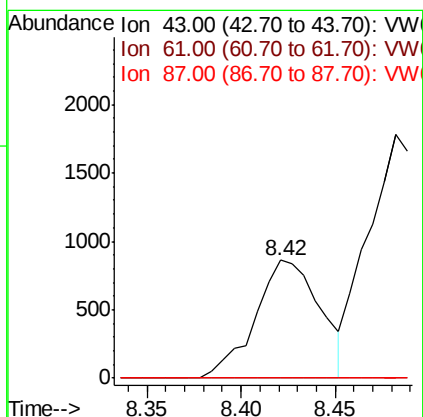
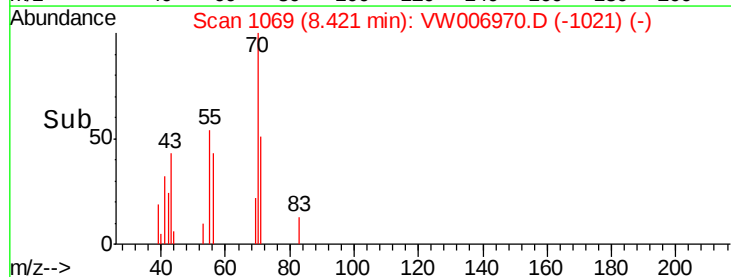
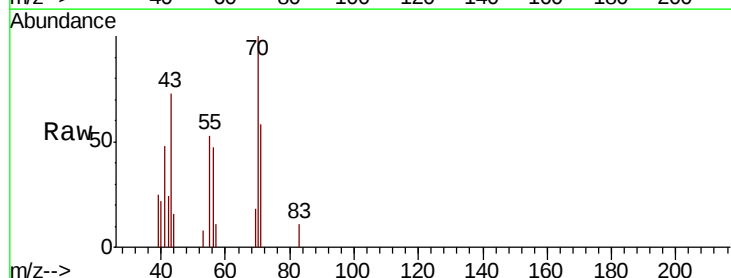
Instrument :
MSVOA_W
ClientSampleId :
20180929-AMENDED-WCC-2-COMP

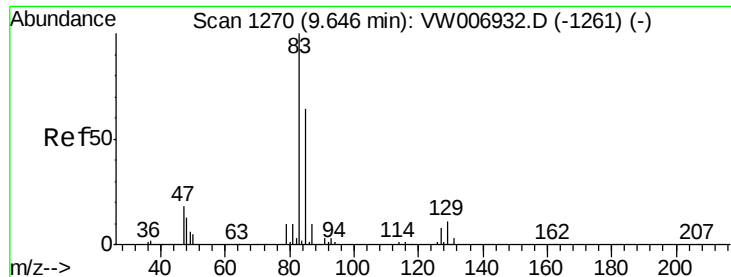
Tot Ion:	41	Resp:	58
Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.8	62.6#
67	0.0	54.7	82.1#
52	0.0	23.8	35.8#



#43
Isopropyl Acetate
Concen: 12.648 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

Tgt Ion:	43	Resp:	2069
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.6	37.0#
87	0.0	11.0	16.6#





#47

Bromodichloromethane

Concen: 4.563 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.03 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Instrument :

MSVOA_W

ClientSampleId :

20180929-AMENDED-WCC-2-COMP

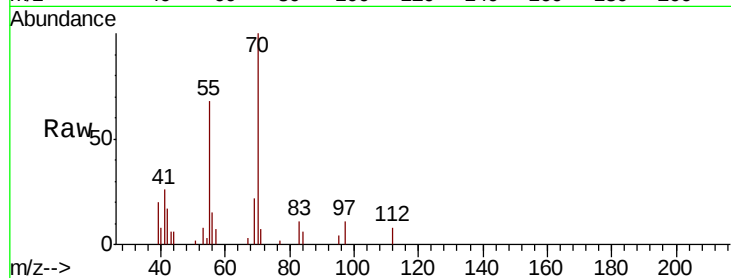
Tot Ion: 83 Resp: 871

Ion Ratio Lower Upper

83 100

85 0.0 50.8 76.2#

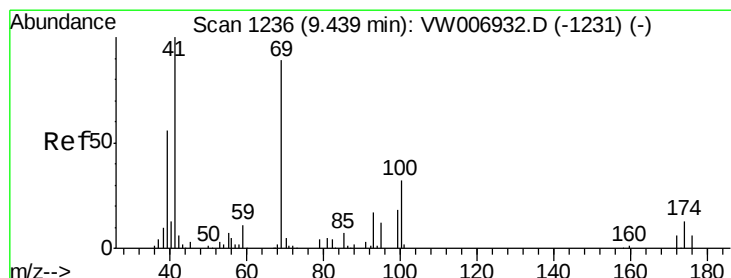
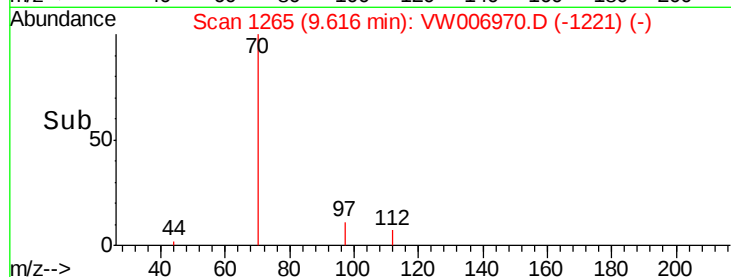
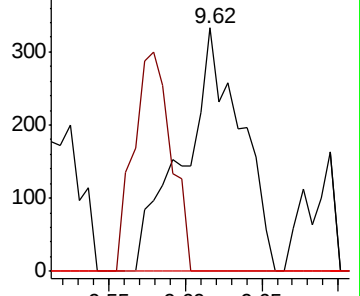
127 0.0 6.6 10.0#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 8.475 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.04 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

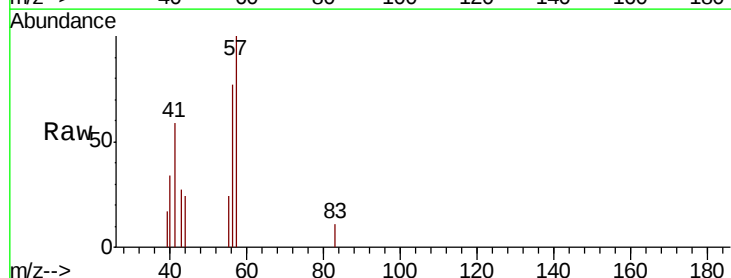
Tgt Ion: 41 Resp: 669

Ion Ratio Lower Upper

41 100

69 0.0 73.4 110.0#

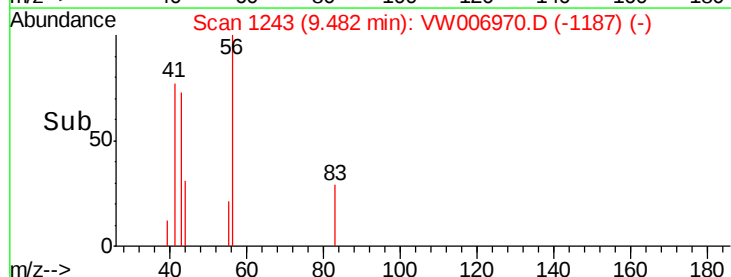
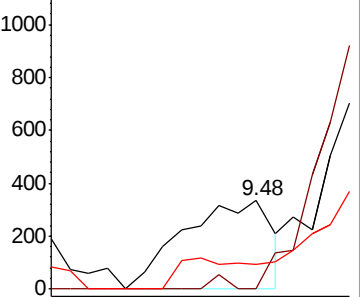
39 0.0 46.1 69.1#

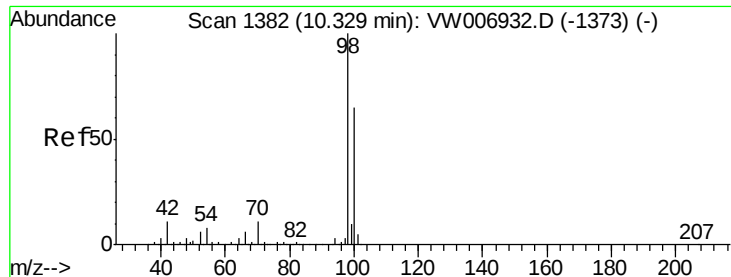


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 40.410 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Instrument :

MSVOA_W

ClientSampleId :

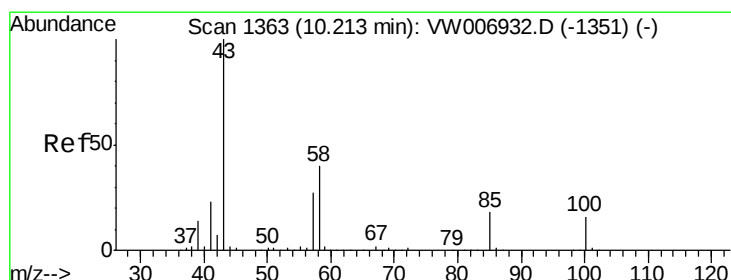
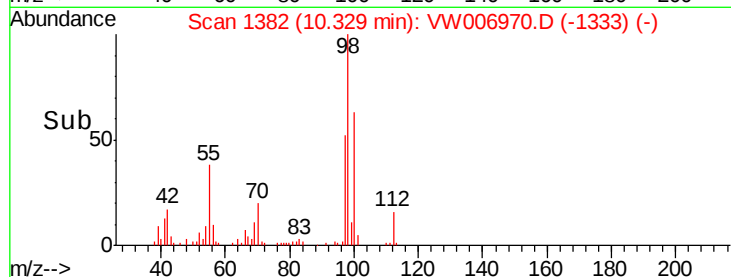
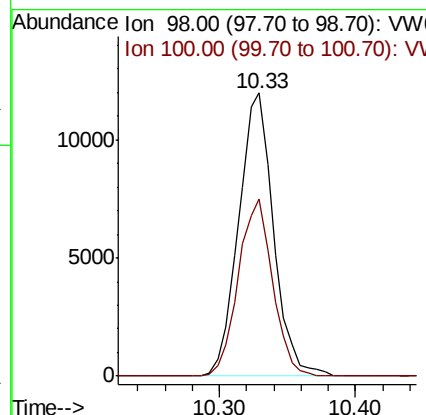
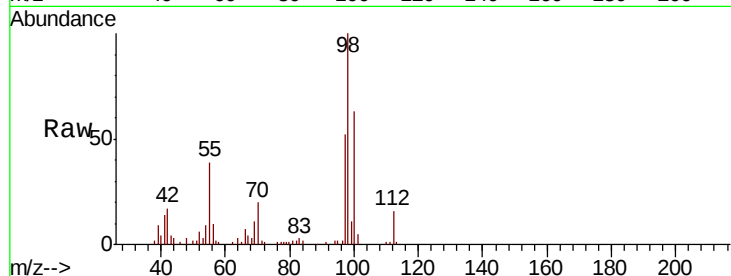
20180929-AMENDED-WCC-2-COMP

Tot Ion: 98 Resp: 21401

Ion Ratio Lower Upper

98 100

100 61.4 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 11.560 ug/l

RT: 10.24 min Scan# 1368

Delta R.T. 0.03 min

Lab File: VW006970.D

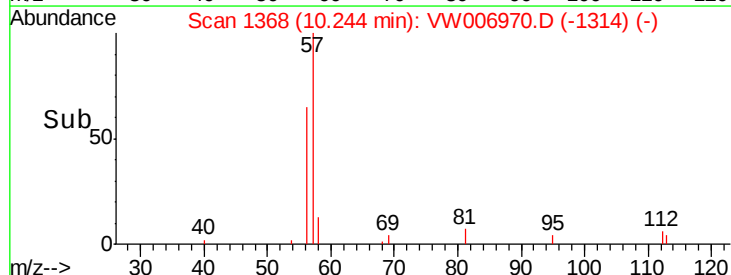
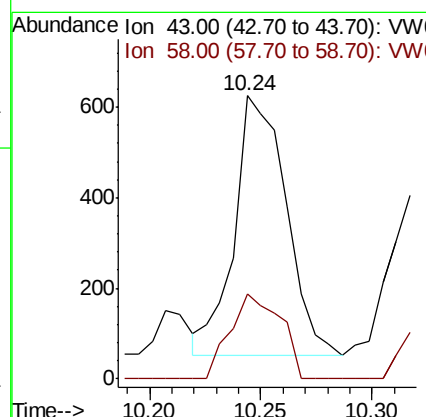
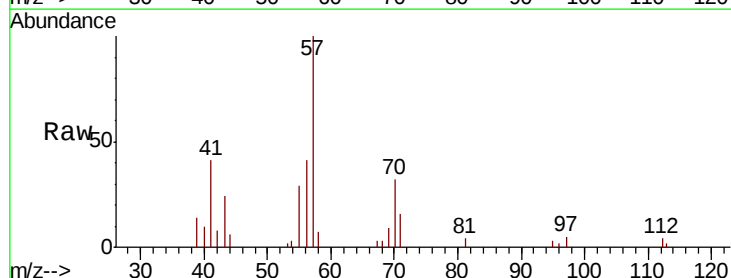
Acq: 20 Nov 2018 03:21

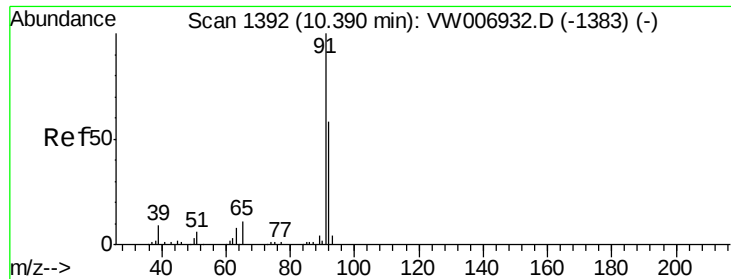
Tgt Ion: 43 Resp: 932

Ion Ratio Lower Upper

43 100

58 31.7 31.0 46.4





#52

Toluene

Concen: 13.426 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Instrument :

MSVOA_W

ClientSampleId :

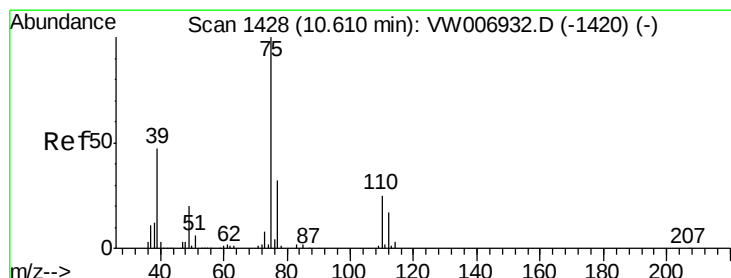
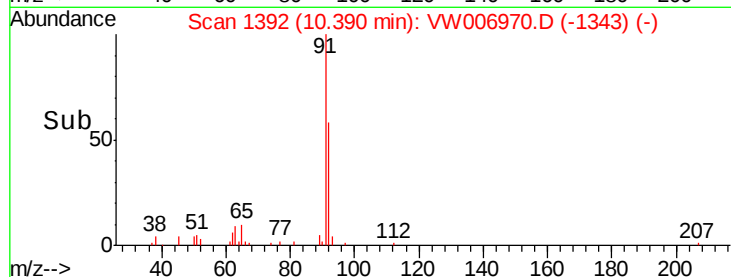
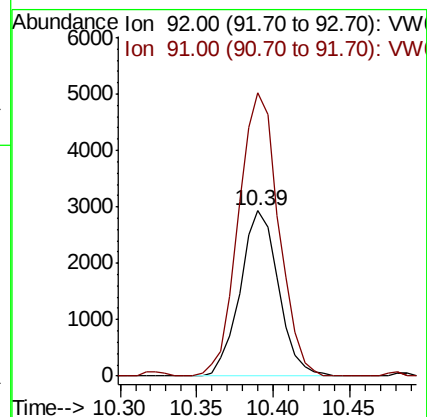
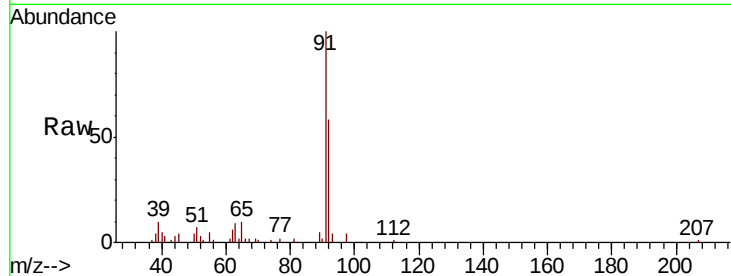
20180929-AMENDED-WCC-2-COMP

Tot Ion: 92 Resp: 5090

Ion Ratio Lower Upper

92 100

91 180.0 137.3 205.9



#53

t-1,3-Dichloropropene

Concen: 1.748 ug/l

RT: 10.73 min Scan# 1448

Delta R.T. 0.12 min

Lab File: VW006970.D

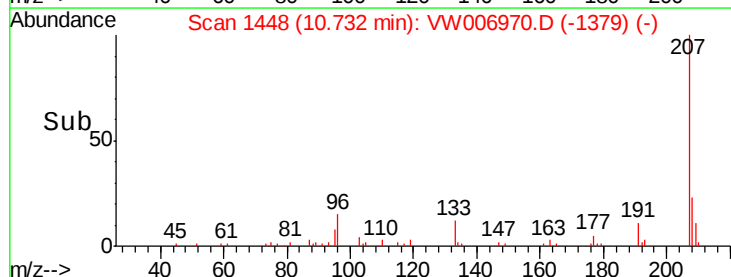
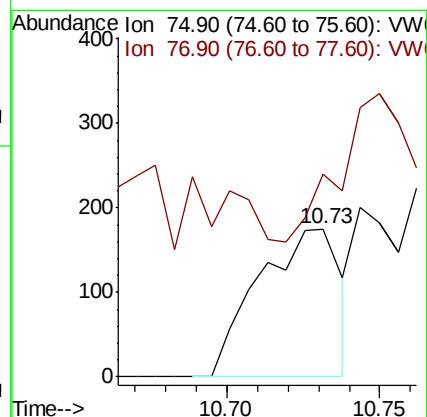
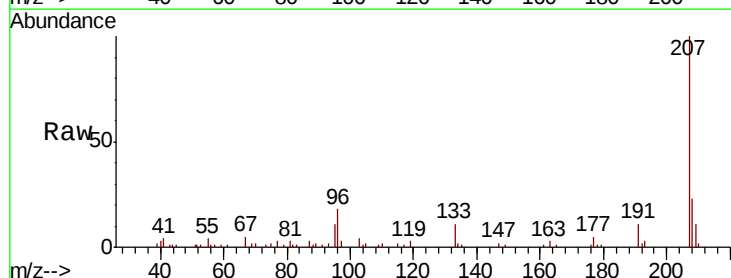
Acq: 20 Nov 2018 03:21

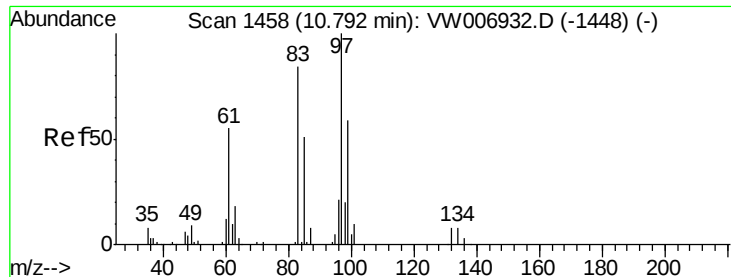
Tgt Ion: 75 Resp: 326

Ion Ratio Lower Upper

75 100

77 10.9 25.2 37.8#





#55

1,1,2-Trichloroethane

Concen: 45.843 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Instrument :

MSVOA_W

ClientSampleId :

20180929-AMENDED-WCC-2-COMP

Tot Ion: 97 Resp: 4900

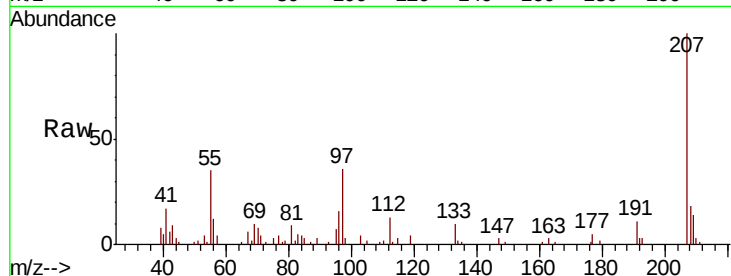
Ion Ratio Lower Upper

97 100

83 12.9 67.5 101.3#

85 9.0 41.0 61.6#

99 0.0 47.4 71.2#



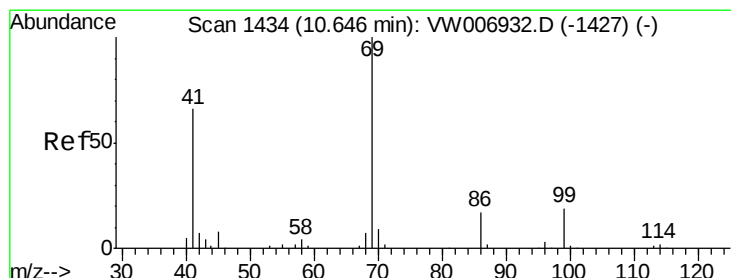
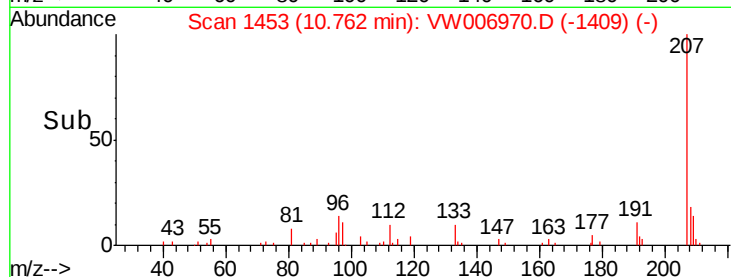
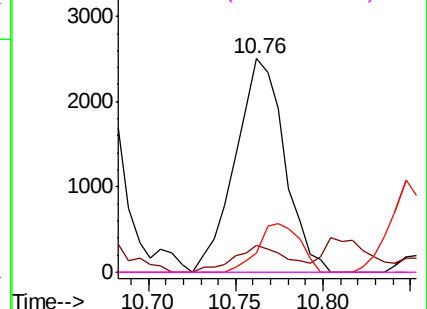
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 15.434 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

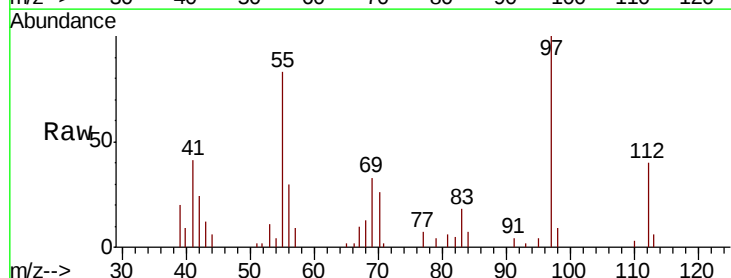
Tgt Ion: 69 Resp: 2051

Ion Ratio Lower Upper

69 100

41 127.5 53.8 80.6#

39 59.0 29.0 43.6#

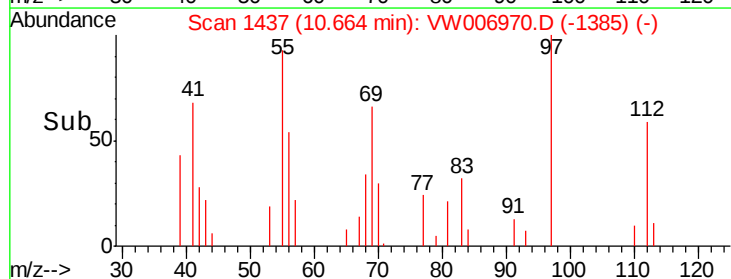
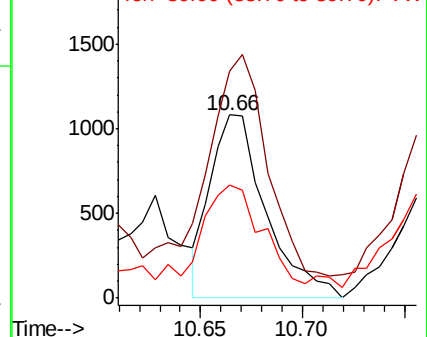


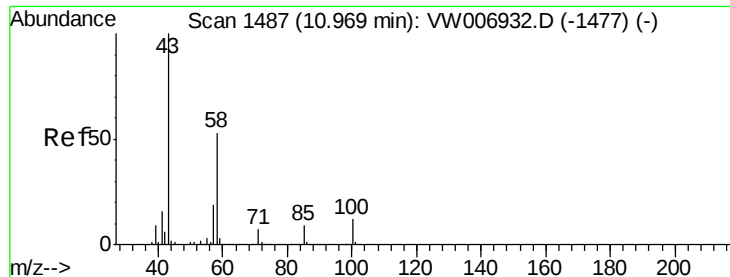
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

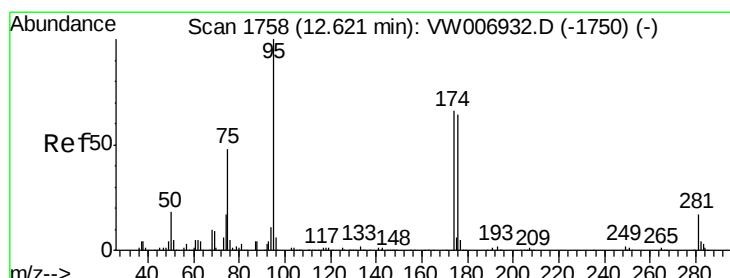
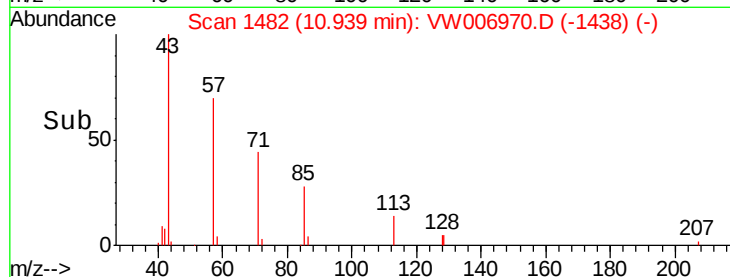
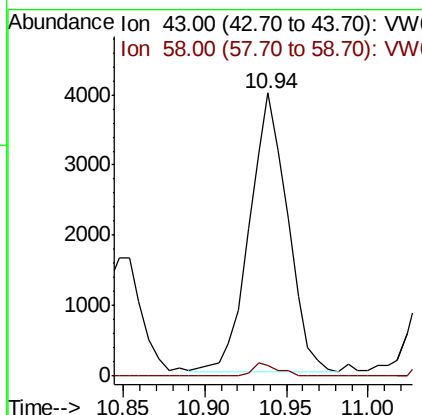
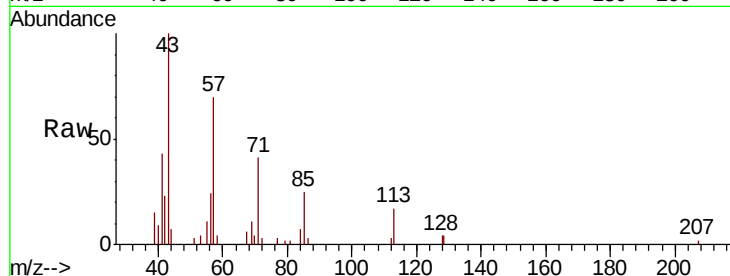




#59
2-Hexanone
Concen: 119.316 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

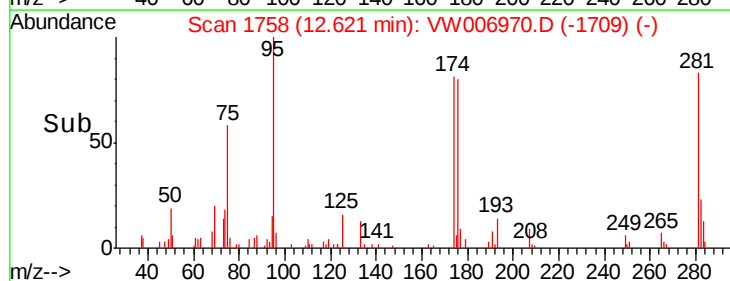
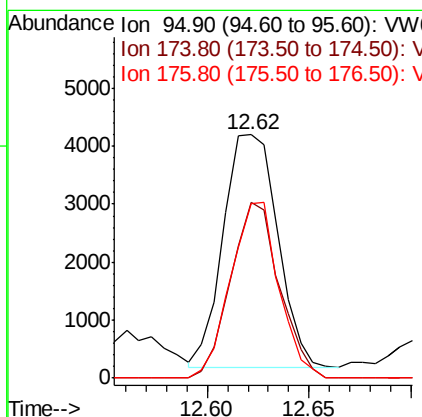
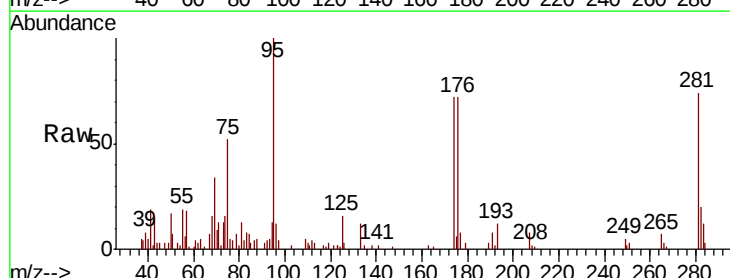
Instrument :
MSVOA_W
ClientSampleId :
20180929-AMENDED-WCC-2-COMP

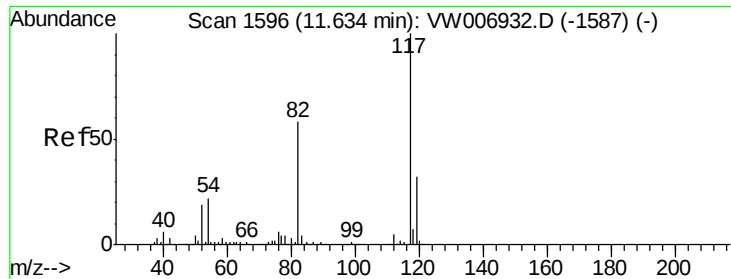
Tot Ion: 43 Resp: 6438
Ion Ratio Lower Upper
43 100
58 3.0 26.8 80.4#



#62
4-Bromofluorobenzene
Concen: 35.946 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

Tgt Ion: 95 Resp: 7423
Ion Ratio Lower Upper
95 100
174 67.7 0.0 138.4
176 66.8 0.0 133.4

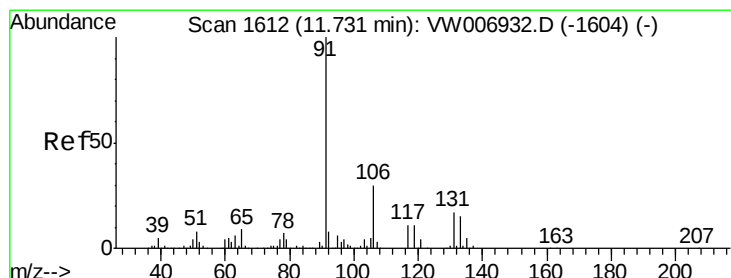
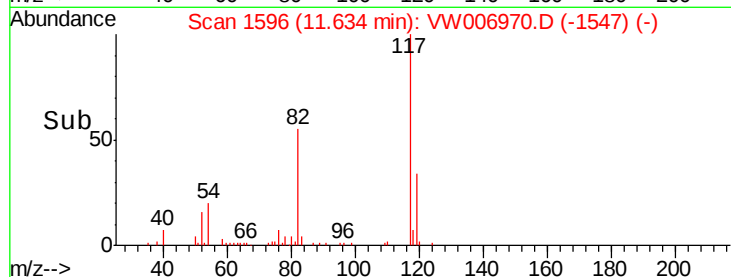
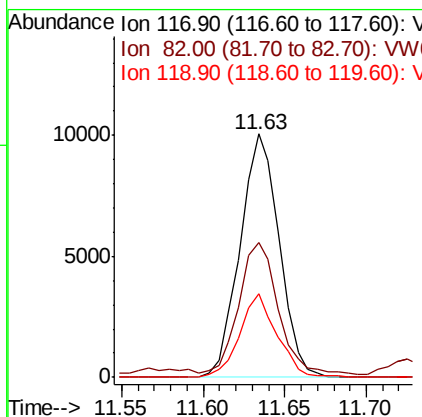
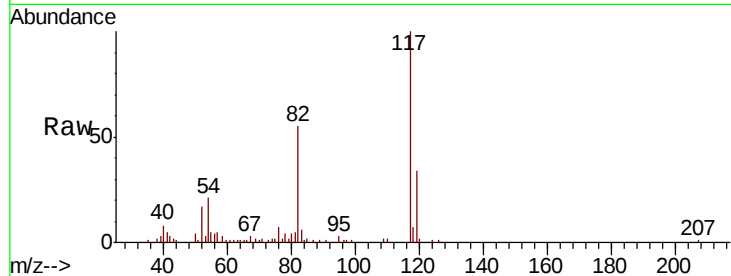




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

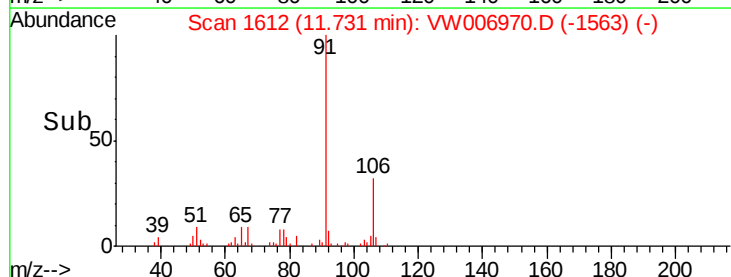
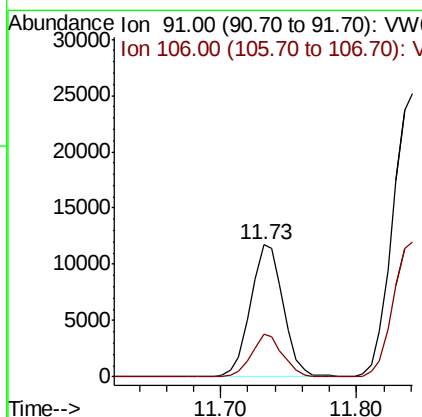
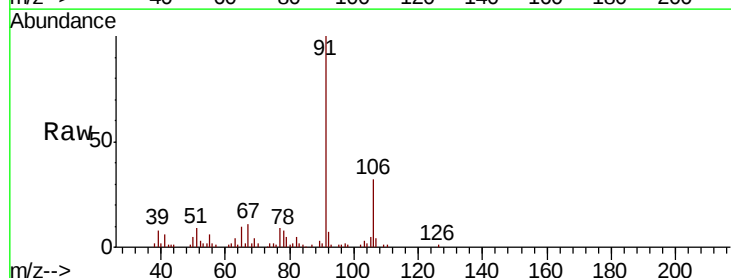
Instrument :
MSVOA_W
ClientSampleId :
20180929-AMENDED-WCC-2-COMP

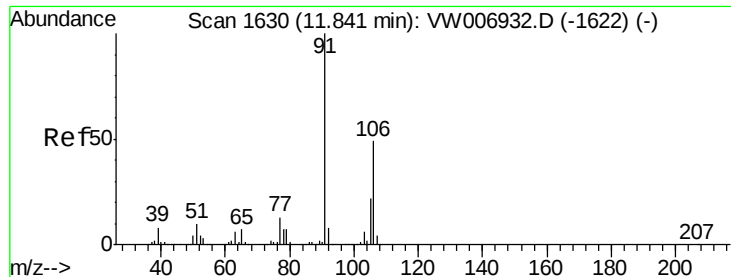
Tot Ion:117 Resp: 16791
Ion Ratio Lower Upper
117 100
82 53.3 46.2 69.2
119 34.4 25.5 38.3



#67
Ethyl Benzene
Concen: 31.177 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

Tgt Ion: 91 Resp: 19929
Ion Ratio Lower Upper
91 100
106 32.5 24.0 36.0





#68

m/p-Xylenes

Concen: 89.462 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Instrument :

MSVOA_W

ClientSampleId :

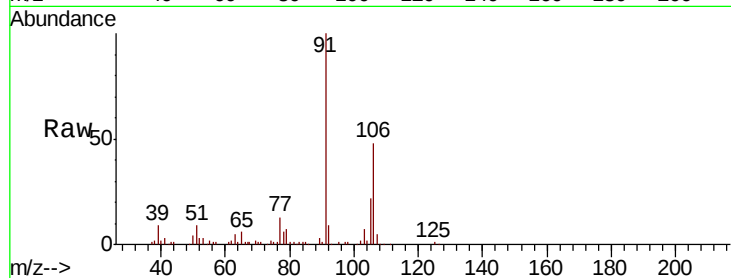
20180929-AMENDED-WCC-2-COMP

Tot Ion:106 Resp: 22269

Ion Ratio Lower Upper

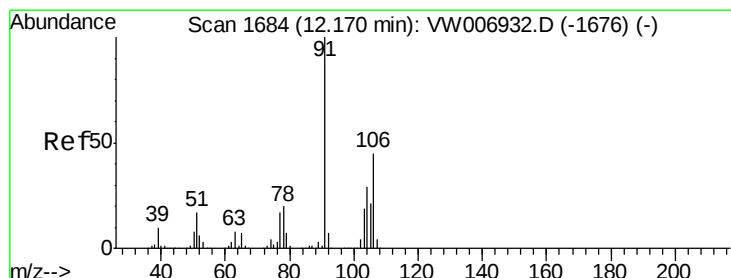
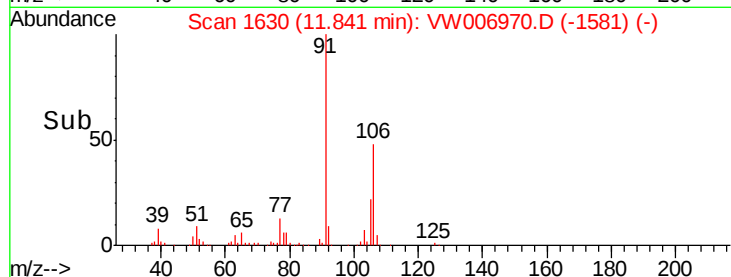
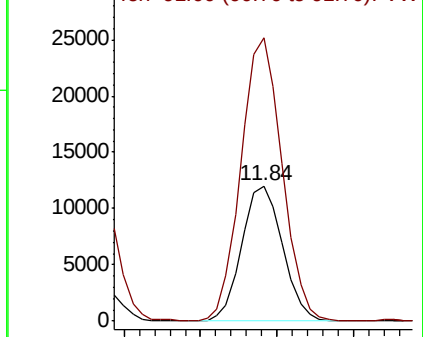
106 100

91 211.0 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 62.336 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW006970.D

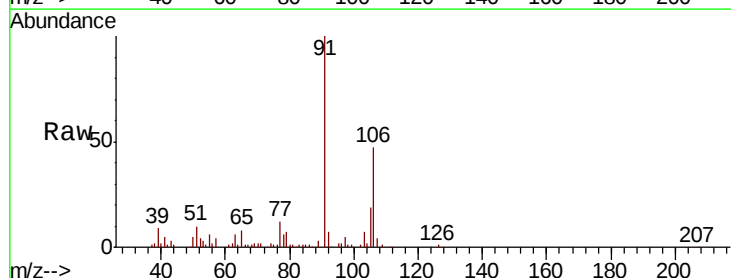
Acq: 20 Nov 2018 03:21

Tgt Ion:106 Resp: 14727

Ion Ratio Lower Upper

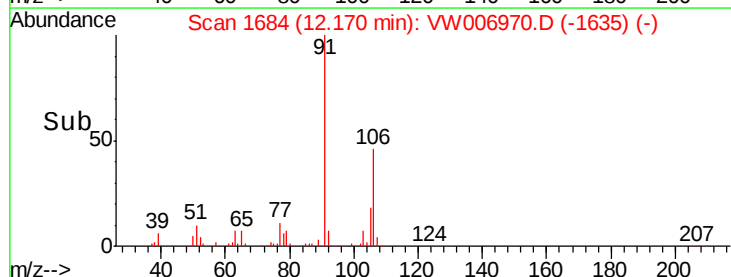
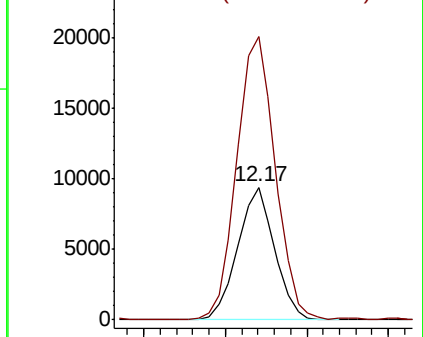
106 100

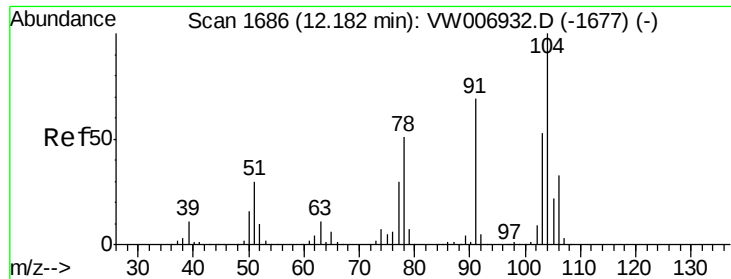
91 223.9 109.2 327.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#70

Stvrene

Concen: 1.942 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. -0.02 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Instrument :

MSVOA_W

ClientSampleId :

20180929-AMENDED-WCC-2-COMP

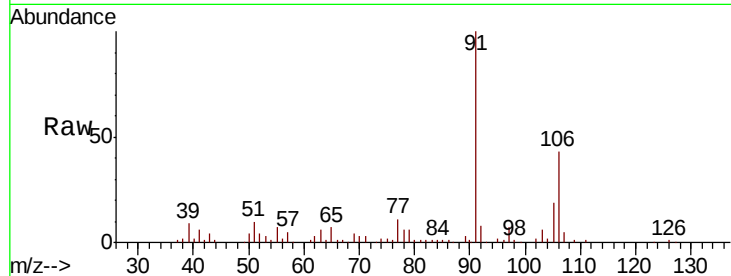
Tot Ion:104 Resp: 738

Ion Ratio Lower Upper

104 100

78 303.4 42.5 63.7#

103 301.1 44.3 66.5#

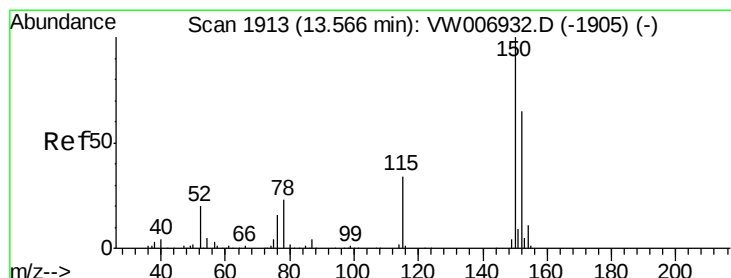
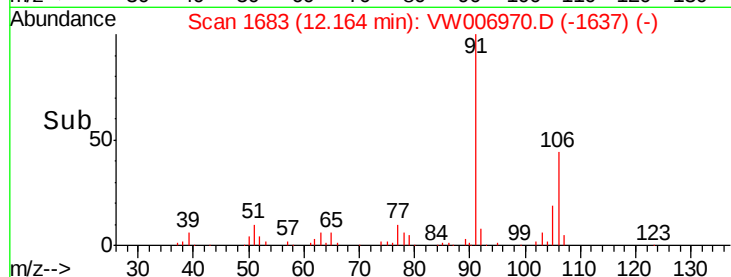
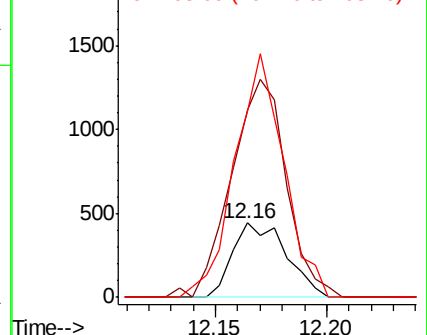


Abundance

Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

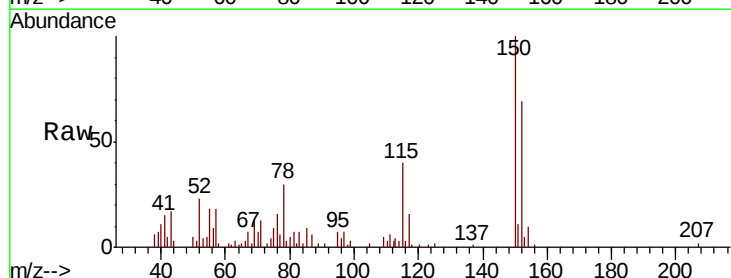
Tgt Ion:152 Resp: 6337

Ion Ratio Lower Upper

152 100

115 75.7 31.6 94.7

150 154.7 0.0 350.0

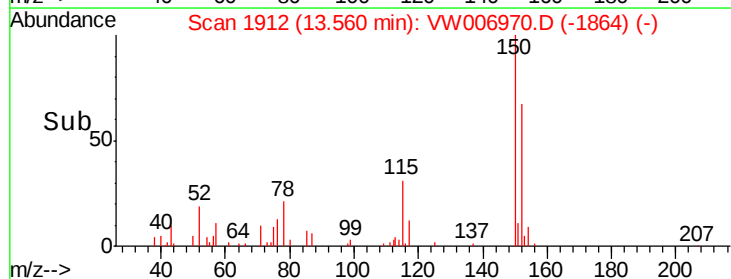
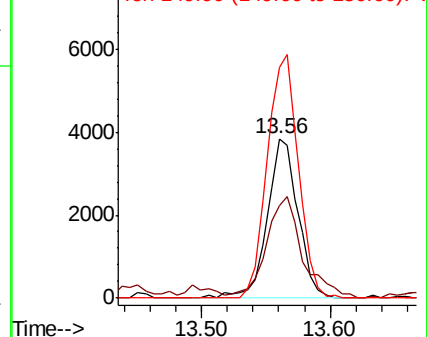


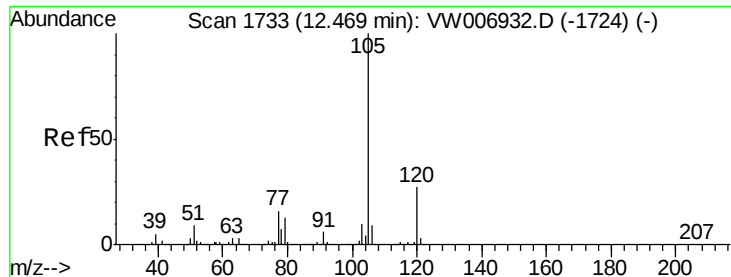
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 6.085 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Instrument :

MSVOA_W

ClientSampleId :

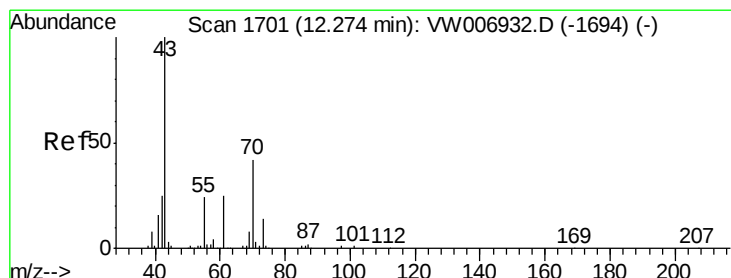
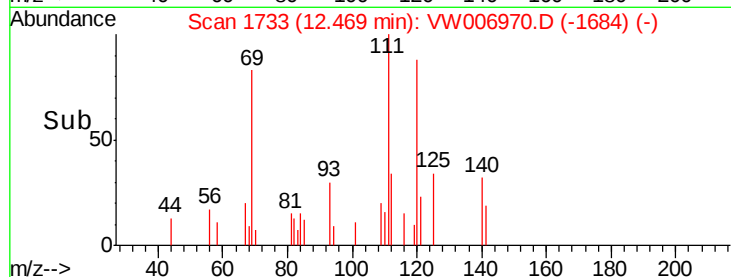
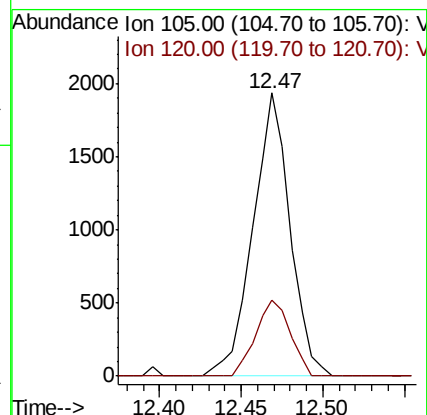
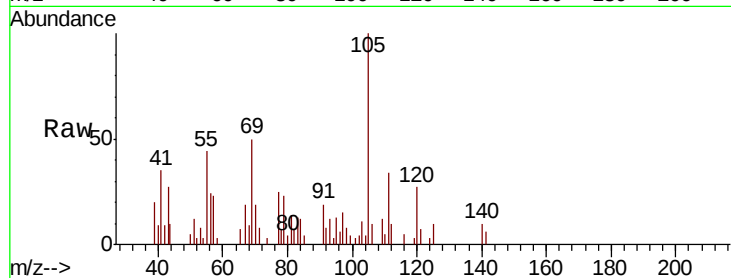
20180929-AMENDED-WCC-2-COMP

Tot Ion:105 Resp: 3054

Ion Ratio Lower Upper

105 100

120 25.0 13.2 39.6



#74

N-ethyl acetate

Concen: 44.026 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Tgt Ion: 43 Resp: 4422

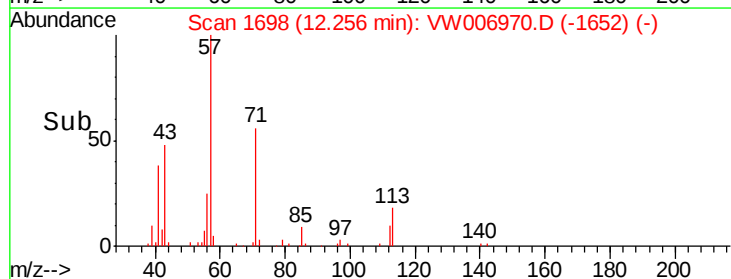
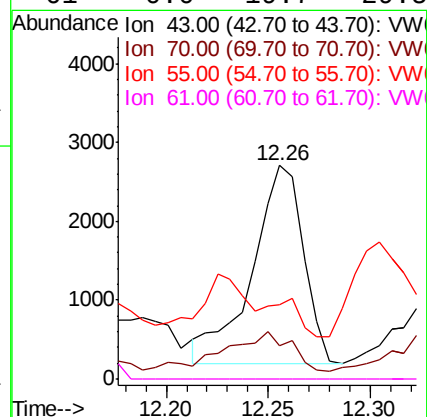
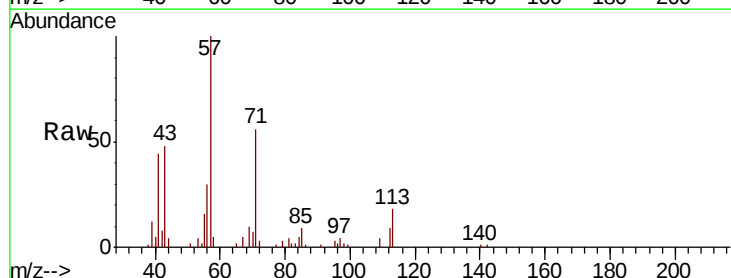
Ion Ratio Lower Upper

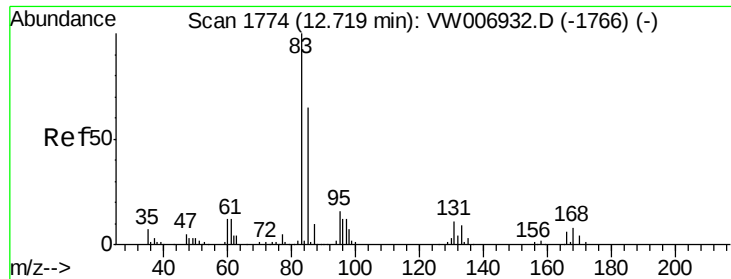
43 100

70 25.6 34.2 51.4#

55 0.0 19.5 29.3#

61 0.0 19.7 29.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 5.852 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Instrument :

MSVOA_W

ClientSampleId :

20180929-AMENDED-WCC-2-COMP

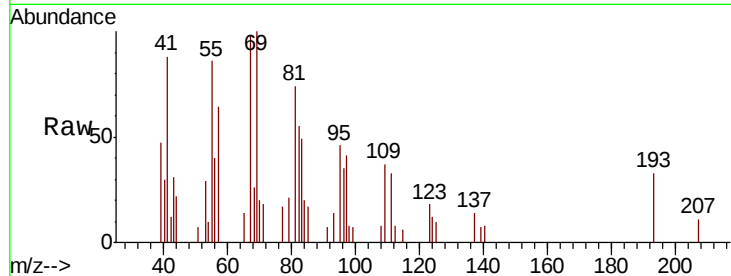
Tot Ion: 83 Resp: 432

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

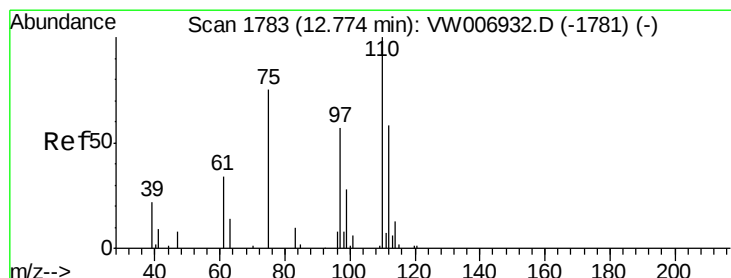
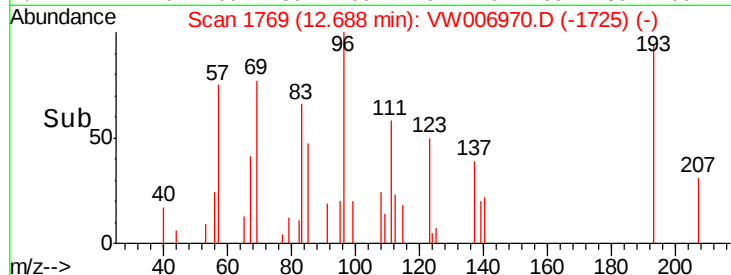
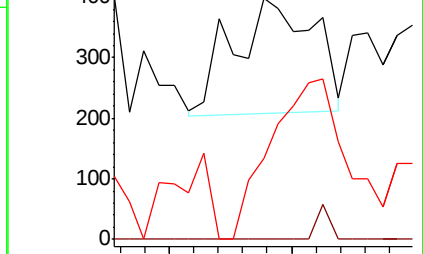
85 0.0 32.5 97.5#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 3.338 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. 0.10 min

Lab File: VW006970.D

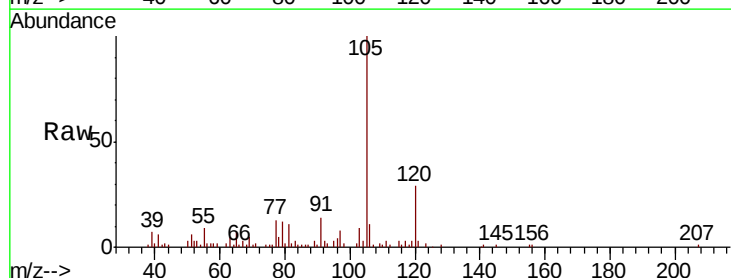
Acq: 20 Nov 2018 03:21

Tgt Ion: 75 Resp: 170

Ion Ratio Lower Upper

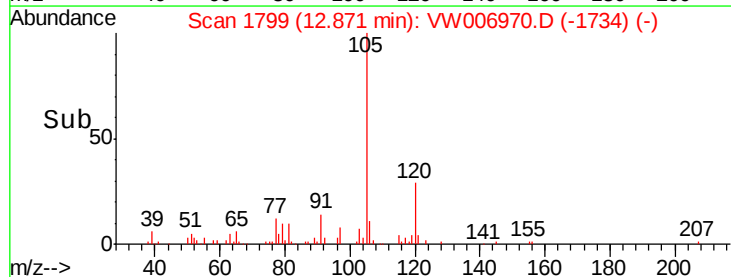
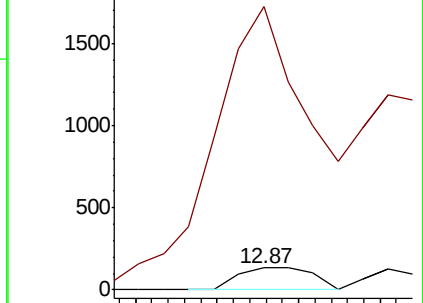
75 100

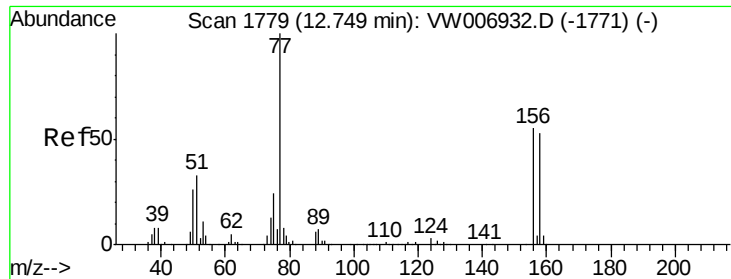
77 1592.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

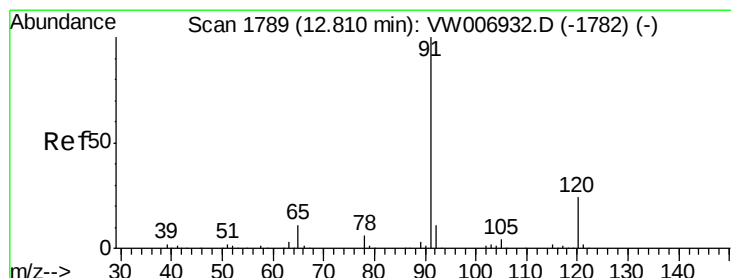
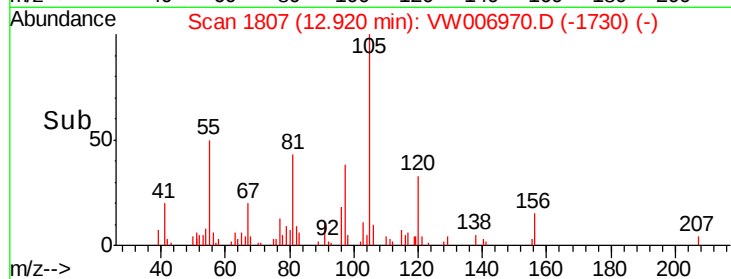
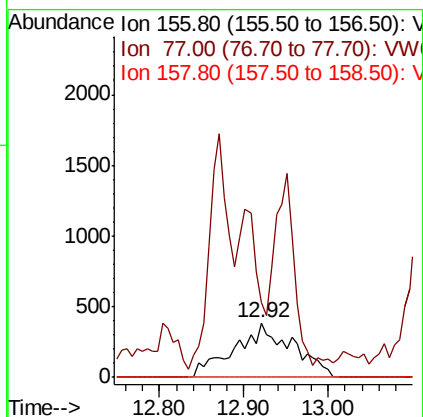
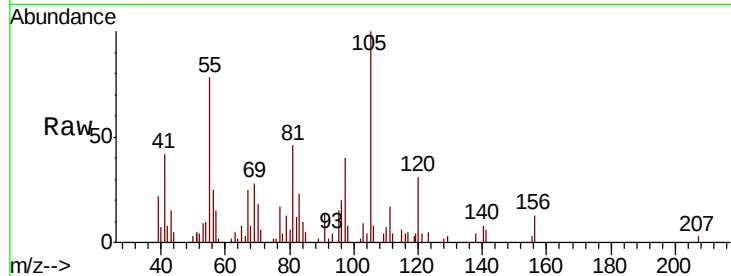




#77
Bromobenzene
Concen: 16.970 ug/l
RT: 12.92 min Scan# 1807
Delta R.T. 0.17 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

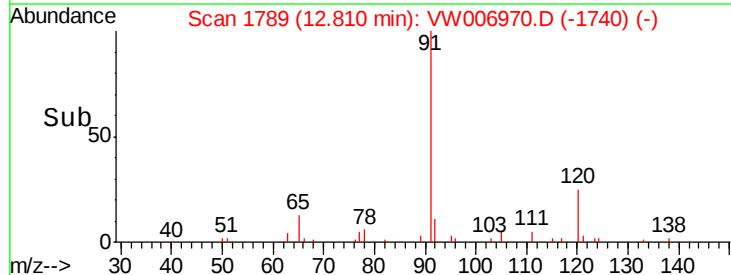
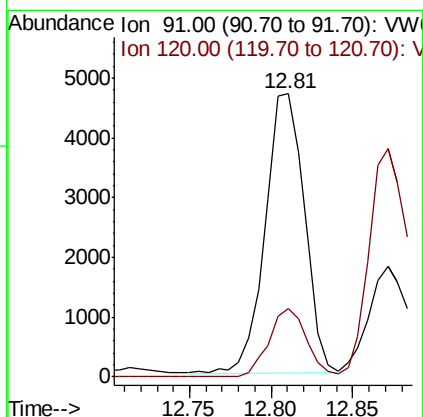
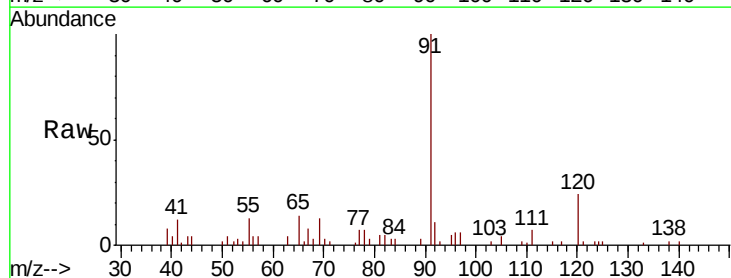
Instrument :
MSVOA_W
ClientSampleId :
20180929-AMENDED-WCC-2-COMP

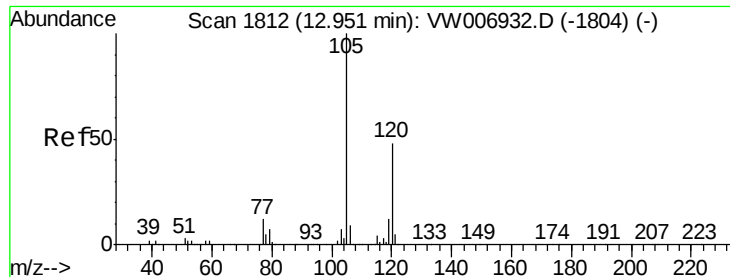
Tot Ion:156 Resp: 1805
Ion Ratio Lower Upper
156 100
77 84.6 97.8 293.3#
158 0.0 47.9 143.7#



#78
n-propylbenzene
Concen: 12.949 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

Tgt Ion: 91 Resp: 7809
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.5

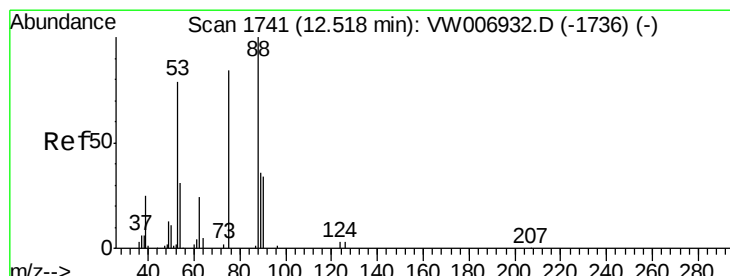
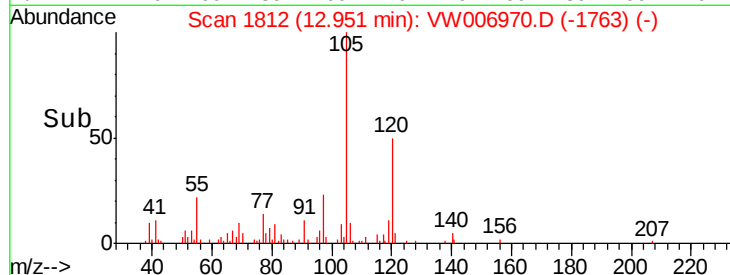
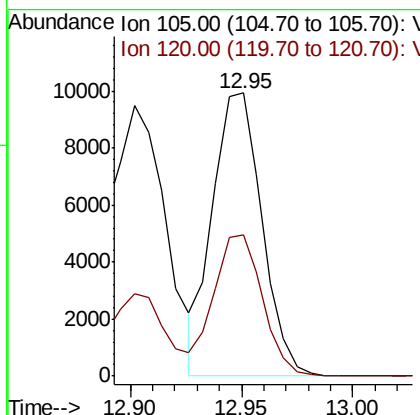
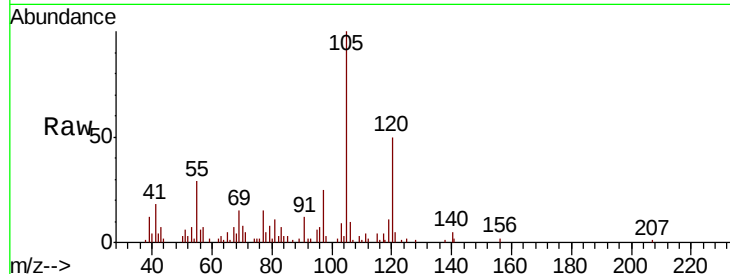




#80
 1,3,5-Trimethylbenzene
 Concen: 35.433 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006970.D
 Acq: 20 Nov 2018 03:21

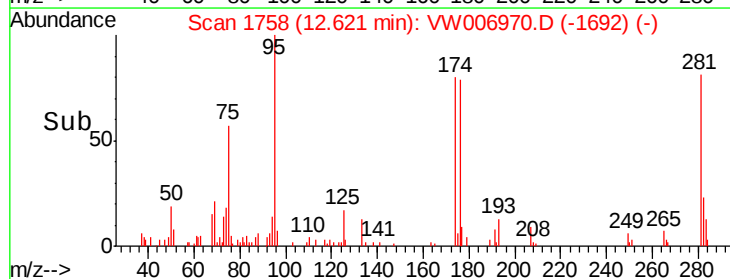
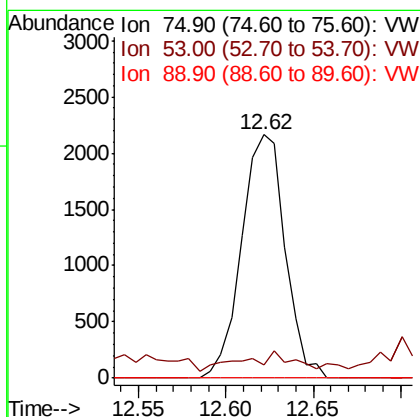
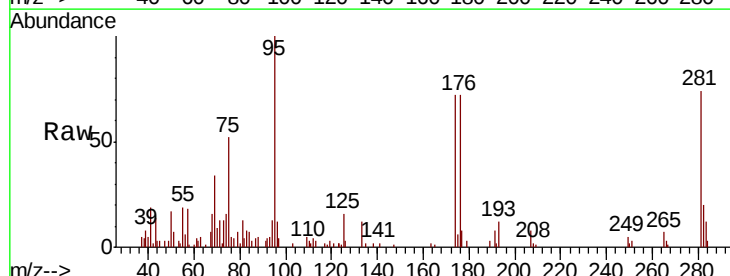
Instrument :
 MSVOA_W
 ClientSampleId :
 20180929-AMENDED-WCC-2-COMP

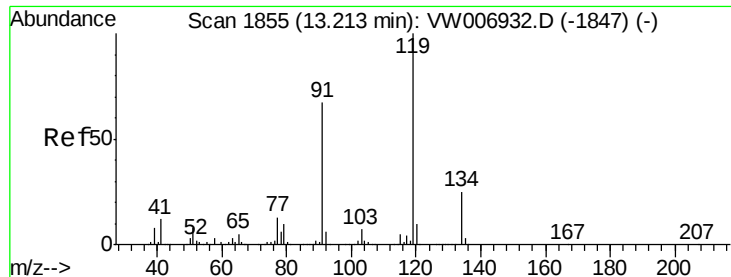
Tot Ion:105 Resp: 15312
 Ion Ratio Lower Upper
 105 100
 120 49.1 23.5 70.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 167.490 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006970.D
 Acq: 20 Nov 2018 03:21

Tgt Ion: 75 Resp: 3747
 Ion Ratio Lower Upper
 75 100
 53 8.6 79.3 118.9#
 89 0.0 39.5 59.3#

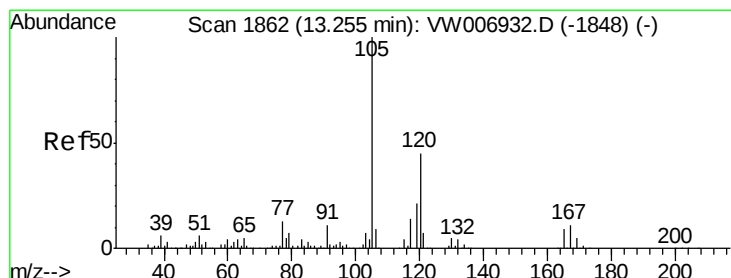
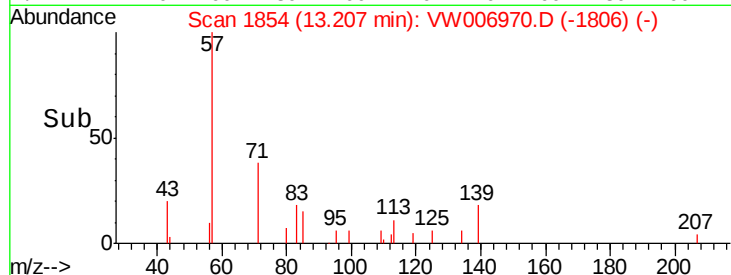
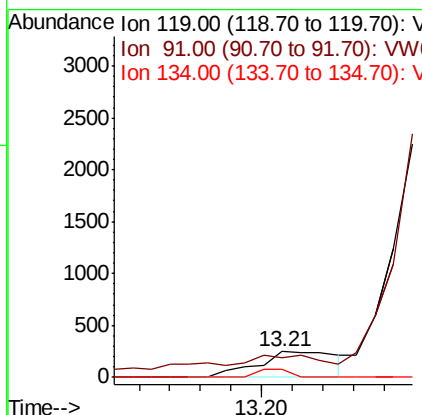
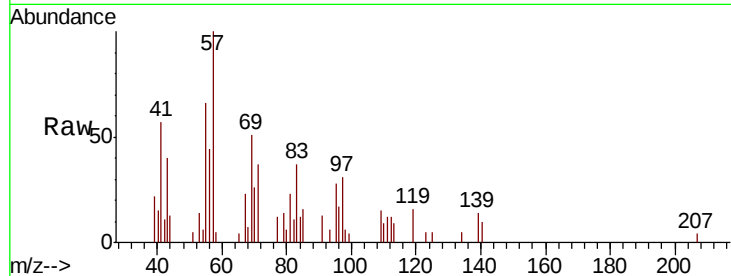




#83
tert-Butylbenzene
Concen: 1.218 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

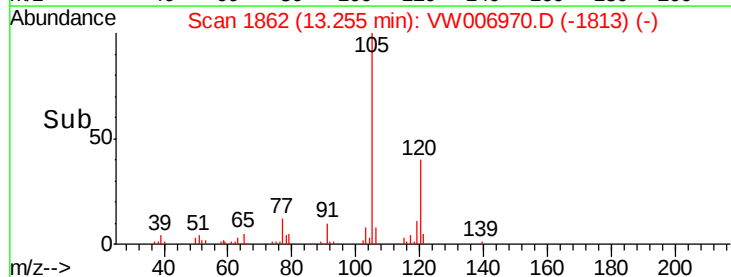
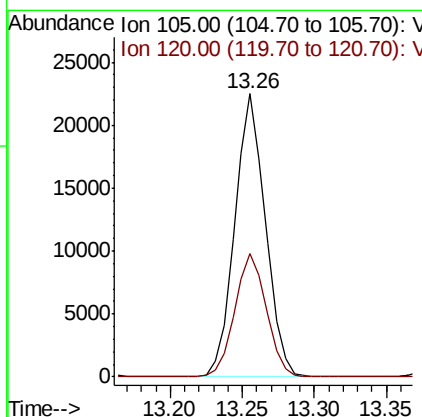
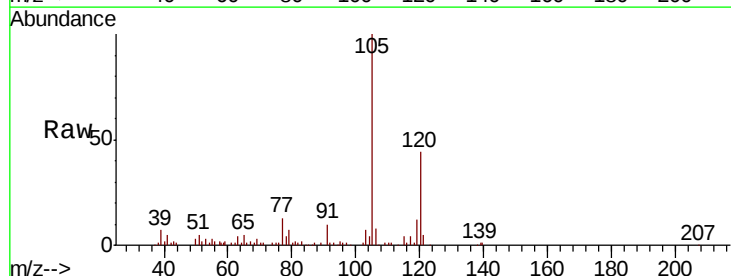
Instrument :
MSVOA_W
ClientSampleId :
20180929-AMENDED-WCC-2-COMP

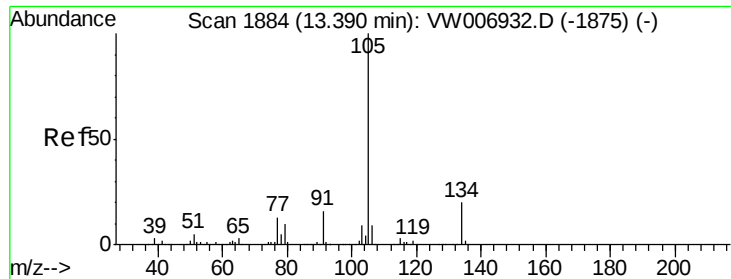
Tot Ion:119 Resp: 447
Ion Ratio Lower Upper
119 100
91 37.6 33.8 101.4
134 12.1 12.6 37.8#



#84
1,2,4-Trimethylbenzene
Concen: 76.715 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

Tgt Ion:105 Resp: 33304
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.8





#85

sec-Butylbenzene

Concen: 5.496 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Instrument :

MSVOA_W

ClientSampleId :

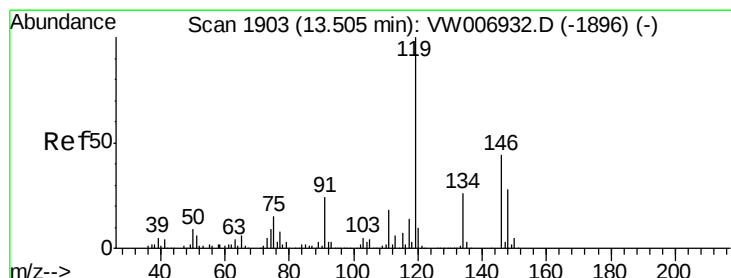
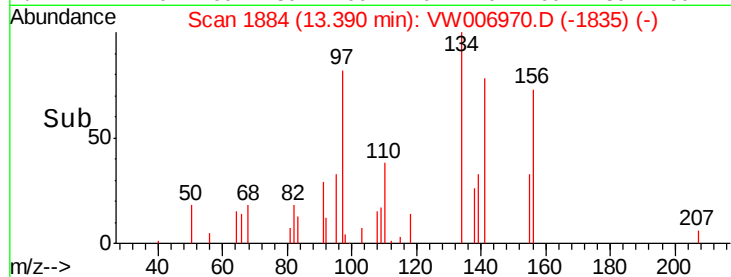
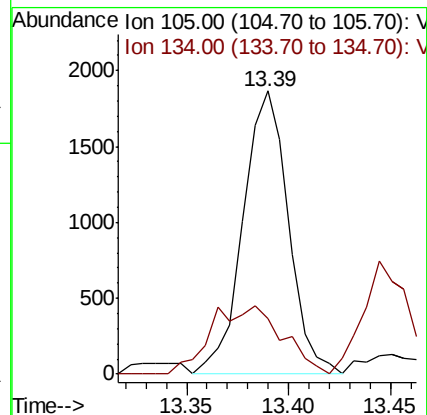
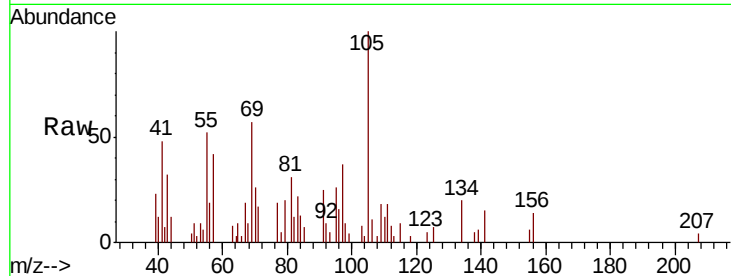
20180929-AMENDED-WCC-2-COMP

Tot Ion:105 Resp: 2878

Ion Ratio Lower Upper

105 100

134 38.2 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 6.424 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

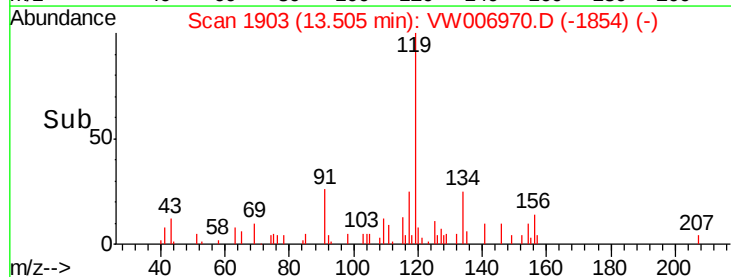
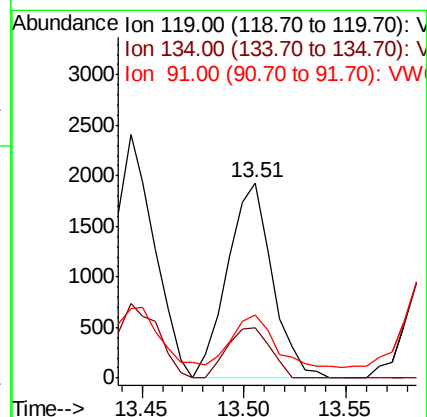
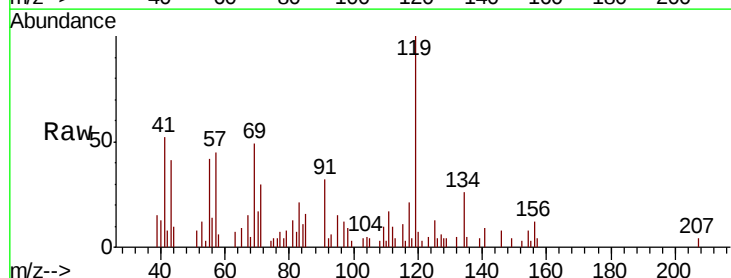
Tgt Ion:119 Resp: 2940

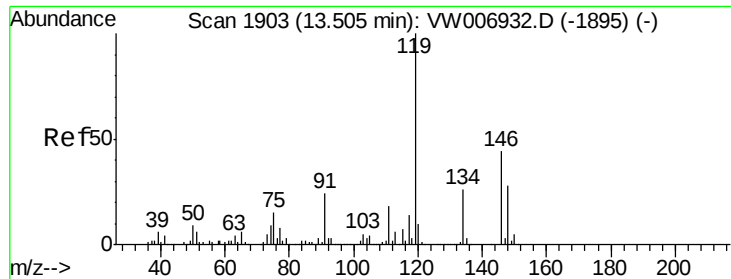
Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 1.090 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006970.D

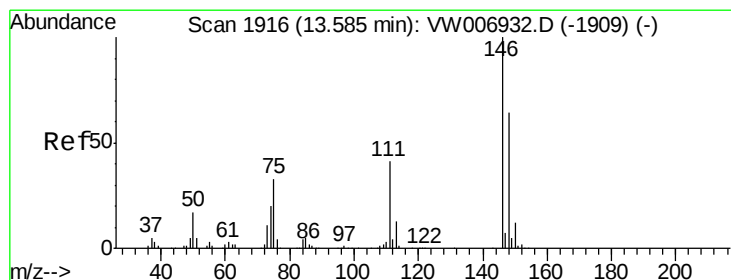
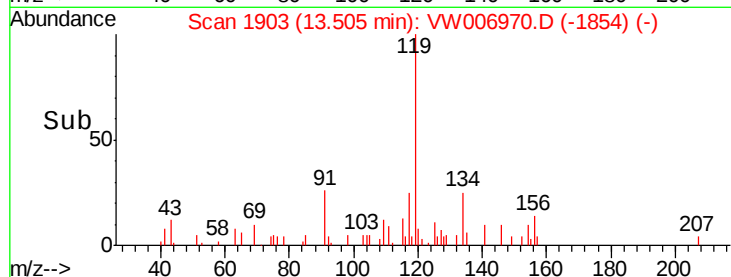
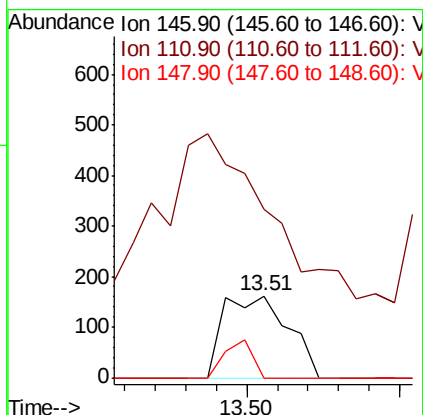
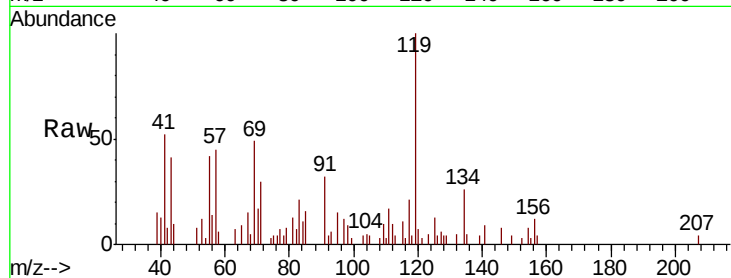
Acq: 20 Nov 2018 03:21

Instrument :
MSVOA_W

ClientSampleId :
20180929-AMENDED-WCC-2-COMP

Tot Ion:146 Resp: 237

Ion	Ratio	Lower	Upper
146	100		
111	327.0	21.3	63.9#
148	19.8	31.9	95.9#



#88

1,4-Dichlorobenzene

Concen: 2.579 ug/l

RT: 13.58 min Scan# 1916

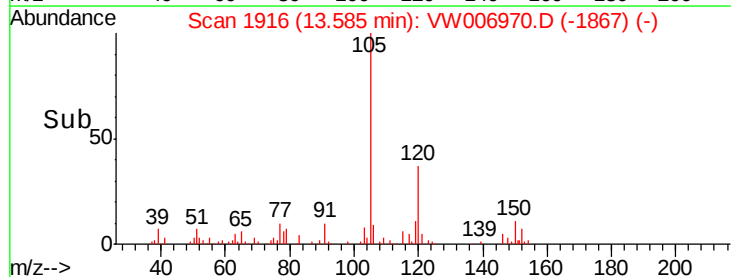
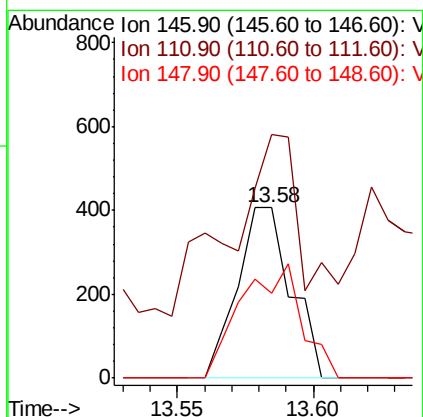
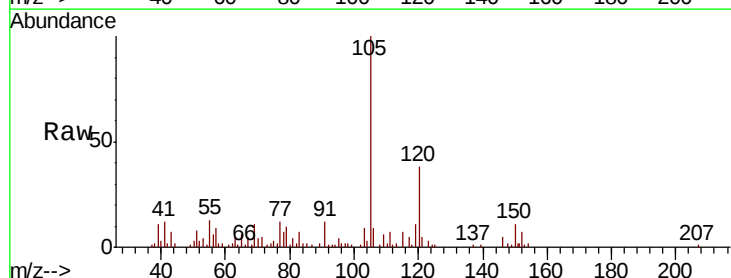
Delta R.T. 0.00 min

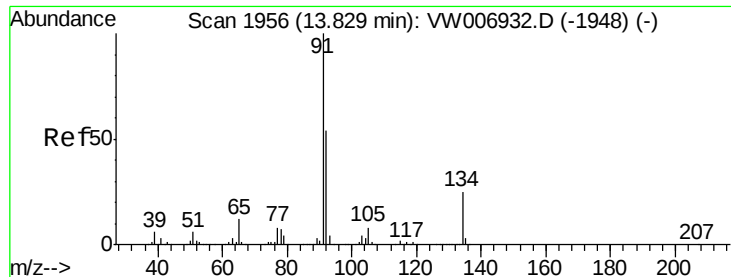
Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Tgt Ion:146 Resp: 559

Ion	Ratio	Lower	Upper
146	100		
111	147.6	20.7	62.1#
148	75.3	31.9	95.9

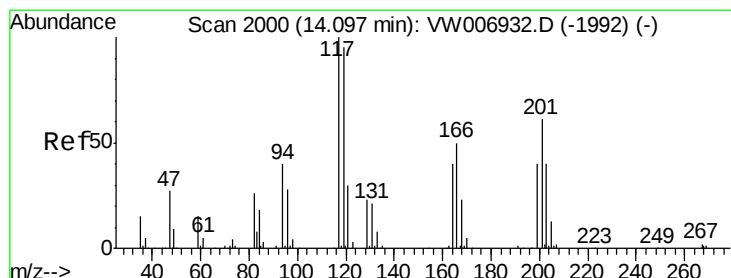
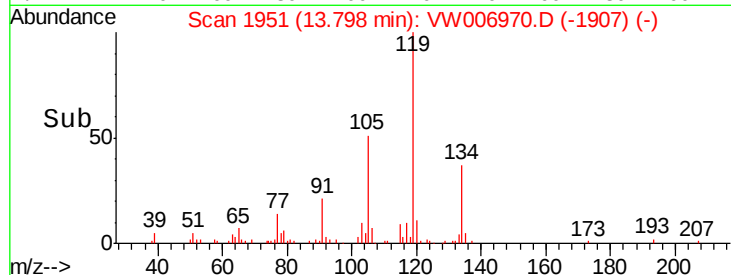
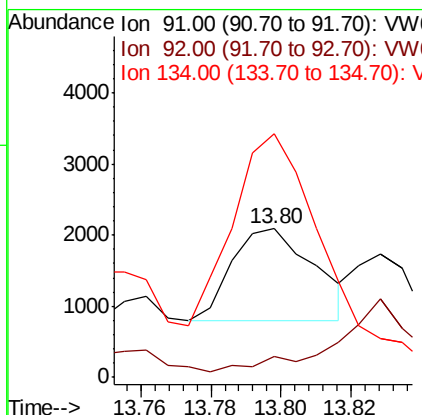
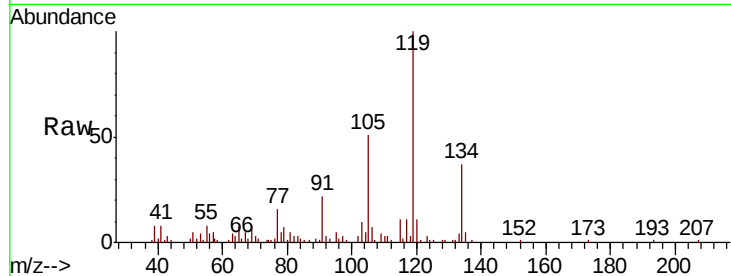




#89
n-Butylbenzene
Concen: 4.848 ug/l
RT: 13.80 min Scan# 1951
Delta R.T. -0.03 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

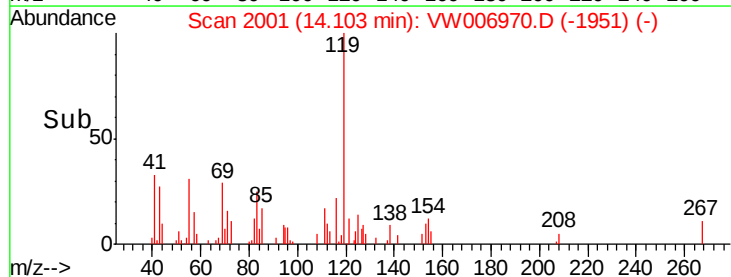
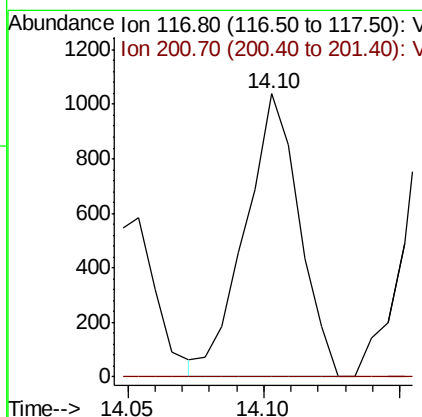
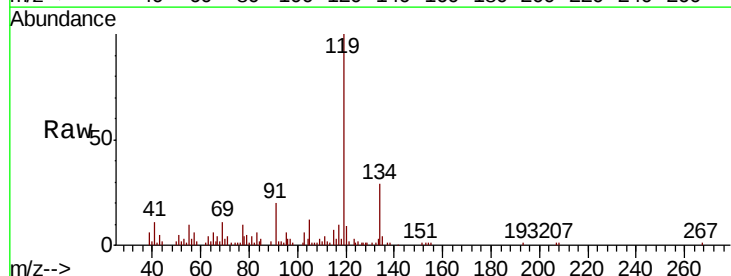
Instrument :
MSVOA_W
ClientSampleId :
20180929-AMENDED-WCC-2-COMP

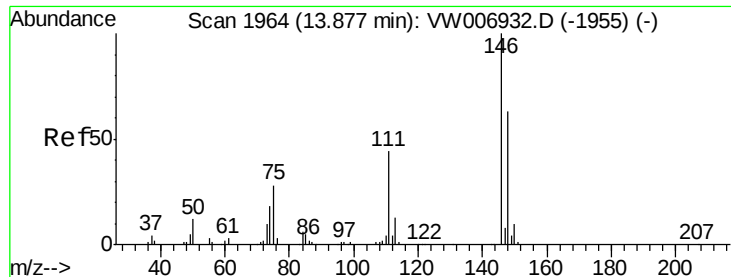
Tot Ion: 91 Resp: 2100
Ion Ratio Lower Upper
91 100
92 0.0 26.4 79.2#
134 323.8 12.9 38.6#



#90
Hexachloroethane
Concen: 19.194 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006970.D
Acq: 20 Nov 2018 03:21

Tgt Ion: 117 Resp: 1432
Ion Ratio Lower Upper
117 100
201 0.0 33.8 101.4#





#91

1,2-Dichlorobenzene

Concen: 1.825 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

Instrument :

MSVOA_W

ClientSampleId :

20180929-AMENDED-WCC-2-COMP

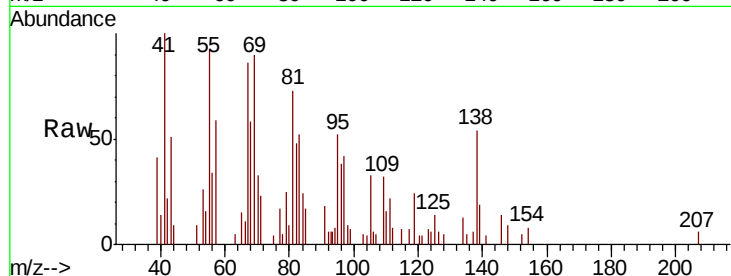
Tot Ion:146 Resp: 355

Ion Ratio Lower Upper

146 100

111 260.0 22.6 67.7#

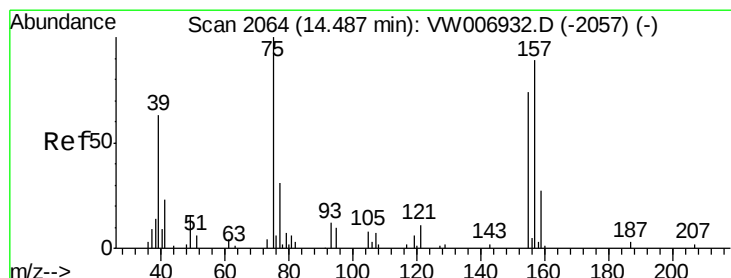
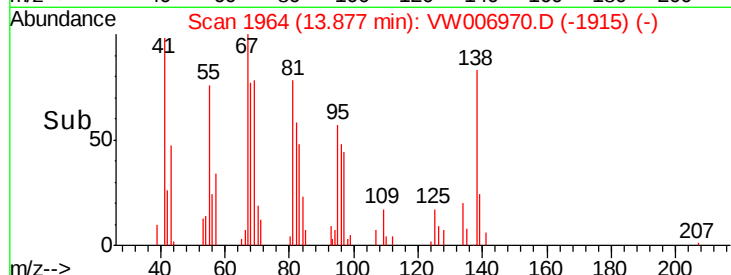
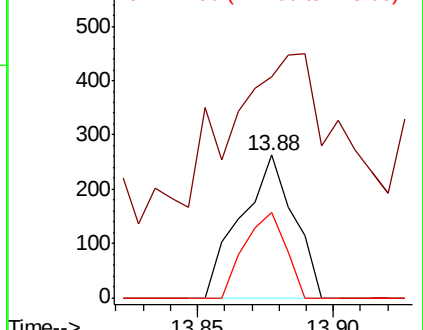
148 46.2 31.7 95.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.149 ug/l

RT: 14.47 min Scan# 2062

Delta R.T. -0.01 min

Lab File: VW006970.D

Acq: 20 Nov 2018 03:21

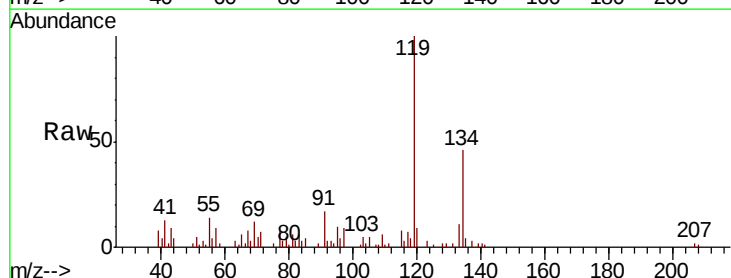
Tgt Ion: 75 Resp: 53

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.7#

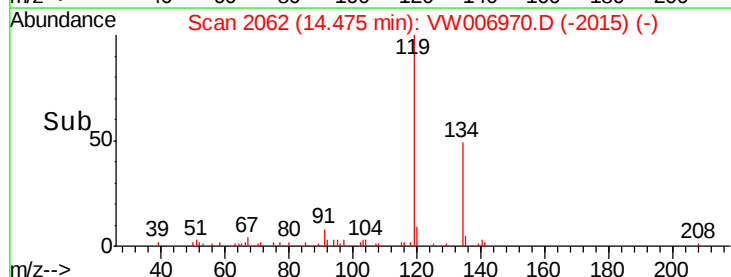
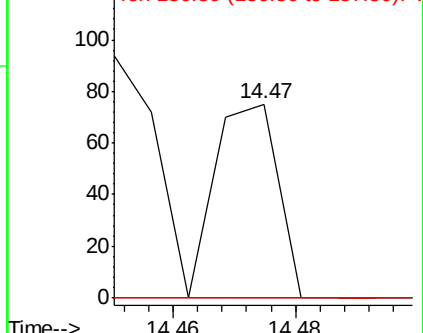
157 0.0 49.7 149.1#

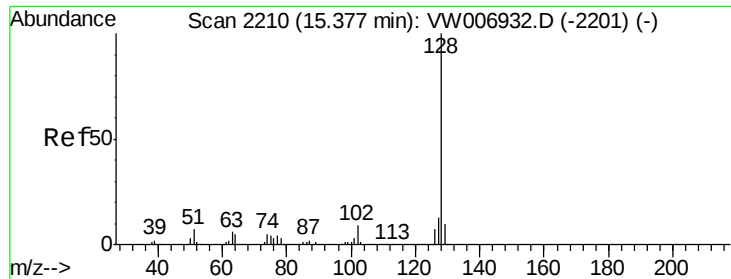


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

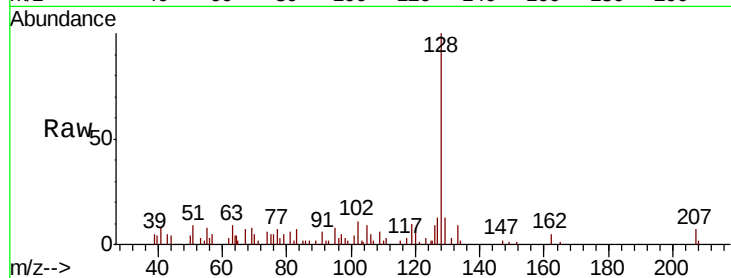




#95
 Naphthalene
 Concen: 37.268 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006970.D
 Acq: 20 Nov 2018 03:21

Instrument :
 MSVOA_W
 ClientSampleId :
 20180929-AMENDED-WCC-2-COMP

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.7	10.6	15.8#
129	18.6	8.5	12.7#



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

