

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122518\
 Data File : VW007891.D
 Acq On : 24 Dec 2018 16:17
 Operator : SY/AP
 Sample : J6426-12RE
 Misc : 6.40G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 02:03:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	17608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	29674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	22864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8139	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	11760	60.94	ug/l	0.00
Spiked Amount			Recovery	=	121.88%	
35) Dibromofluoromethane	7.88	113	9211	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
50) Toluene-d8	10.32	98	30775	45.10	ug/l	0.00
Spiked Amount			Recovery	=	90.20%	
62) 4-Bromofluorobenzene	12.62	95	9923	37.64	ug/l	0.00
Spiked Amount			Recovery	=	75.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	2407	66.603	ug/l	97
18) Methyl Acetate	4.90	43	422	4.910	ug/l #	46
20) Methylene Chloride	4.92	84	502	Below Cal	#	58
25) 2-Butanone	7.18	43	1029	24.309	ug/l #	78
26) 2,2-Dichloropropane	7.13	77	459	1.999	ug/l #	53
31) Cyclohexane	7.95	56	1483	5.162	ug/l #	78
36) 1,1-Dichloropropene	7.95	75	1324	4.623	ug/l #	47
38) Carbon Tetrachloride	7.95	117	1926	5.710	ug/l #	11
39) Methylcyclohexane	9.33	83	3198	8.986	ug/l	89
48) Methyl methacrylate	9.51	41	116	1.174	ug/l #	22
52) Toluene	10.39	92	39779	77.576	ug/l	100
53) 1,1,3-Dichloropropene	10.38	75	476	1.744	ug/l #	1
55) 1,1,2-Trichloroethane	10.76	97	764	5.309	ug/l #	15
56) Ethyl methacrylate	10.66	69	312	1.835	ug/l #	21
65) Chlorobenzene	11.66	112	86790	175.378	ug/l	96
67) Ethyl Benzene	11.73	91	6922	8.151	ug/l	97
68) m/p-Xylenes	11.84	106	15056	45.705	ug/l	95
69) o-Xylene	12.17	106	4033	13.061	ug/l	94
73) Isopropylbenzene	12.47	105	16362	26.595	ug/l	98
74) N-amyl acetate	12.25	43	324	3.040	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.69	83	102	1.106	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	5816	92.454	ug/l #	100
78) n-propylbenzene	12.81	91	25280	35.300	ug/l	99
79) 2-Chlorotoluene	12.81	91	25280	60.595	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.11	105	29180	54.987	ug/l	74
81) trans-1,4-Dichloro-2-buten	12.46	75	197	6.573	ug/l #	41
82) 4-Chlorotoluene	13.11	91	3849	8.665	ug/l #	42
83) tert-Butylbenzene	13.26	119	14656	31.476	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.26	105	117555	219.534	ug/l	99
85) sec-Butylbenzene	13.26	105	117555	183.190	ug/l #	56
86) p-Isopropyltoluene	13.51	119	1444	2.475	ug/l	87
87) 1,3-Dichlorobenzene	13.51	146	6206	22.169	ug/l	92
88) 1,4-Dichlorobenzene	13.58	146	82676	295.250	ug/l	99
89) n-Butylbenzene	13.83	91	1566	2.927	ug/l #	70

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QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

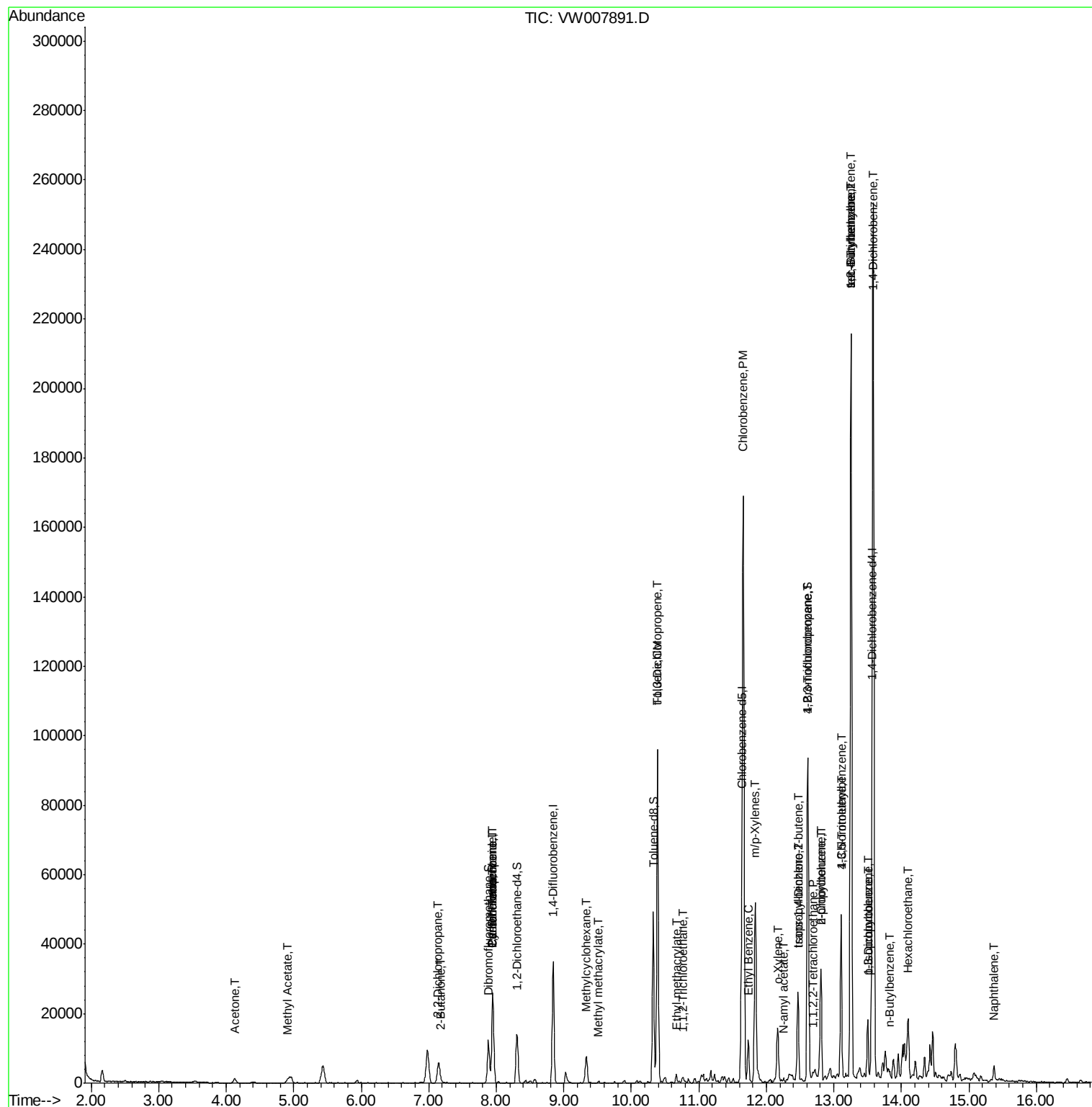
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.10	117	869	8.483	ug/l #	13
95) Naphthalene	15.38	128	4206	13.076	ug/l	98

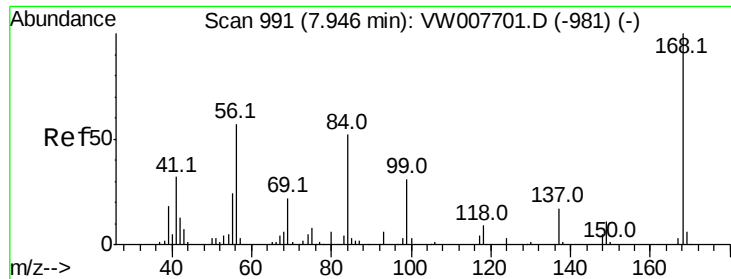
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122518\
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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: VW007891.D

Acq: 24 Dec 2018 16:17

Instrument :

MSVOA_W

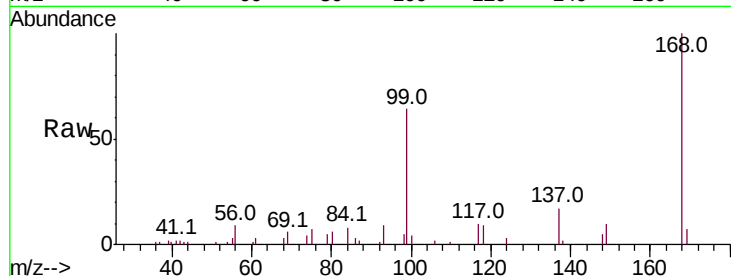
ClientSampleId :

Tot Ion:168 Resp: 17608

Ion Ratio Lower Upper

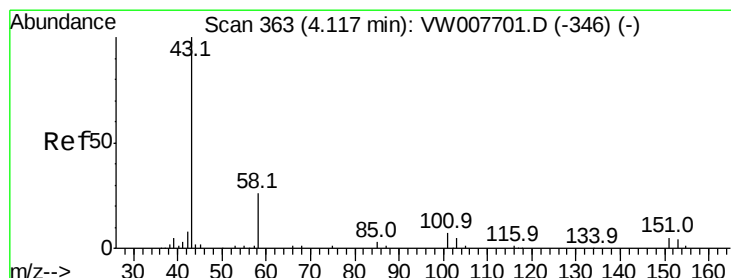
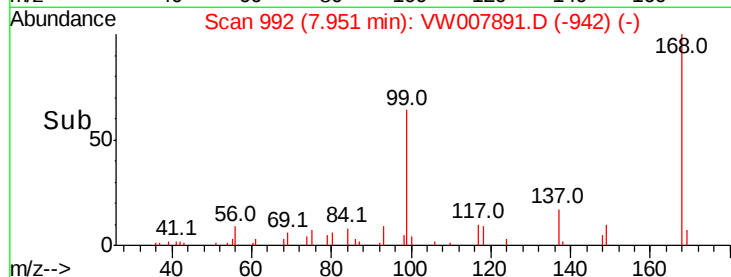
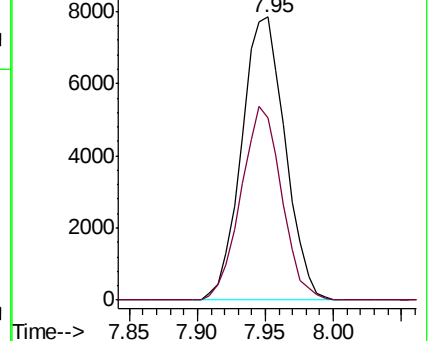
168 100

99 64.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 66.603 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007891.D

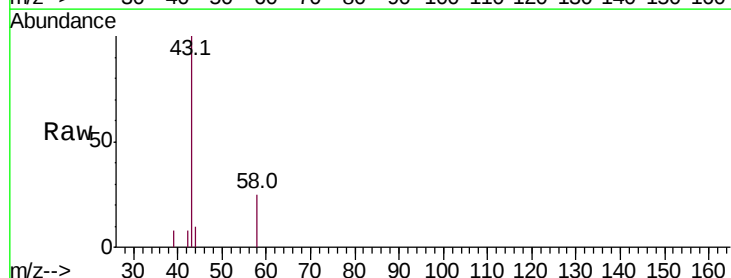
Acq: 24 Dec 2018 16:17

Tgt Ion: 43 Resp: 2407

Ion Ratio Lower Upper

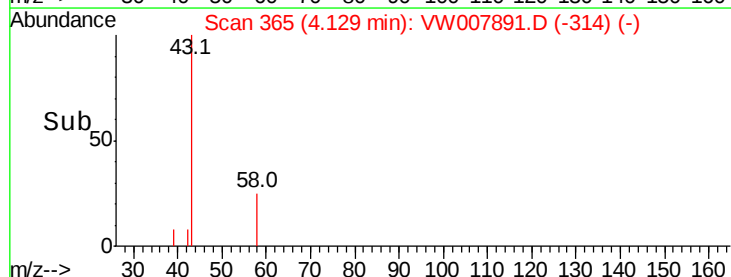
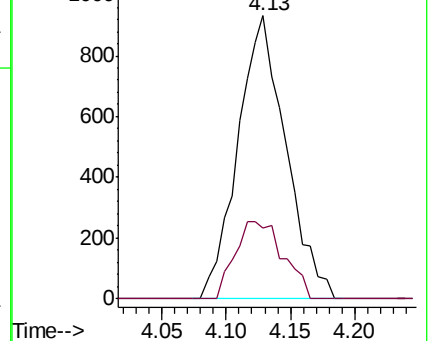
43 100

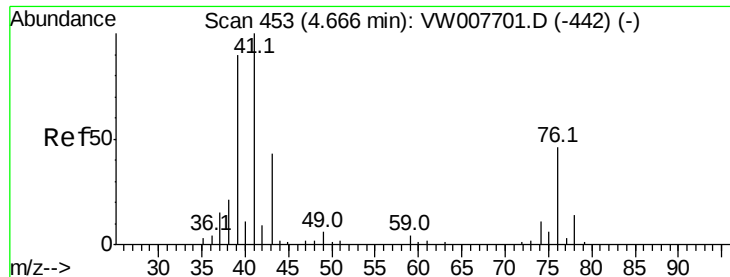
58 25.1 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

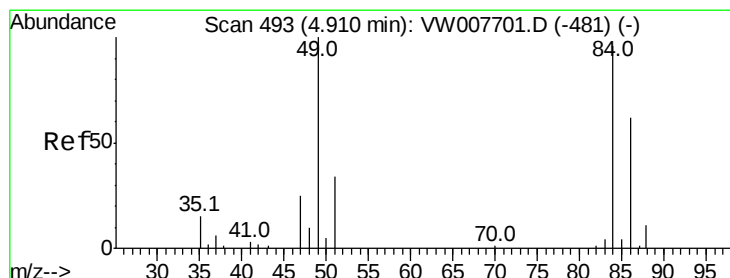
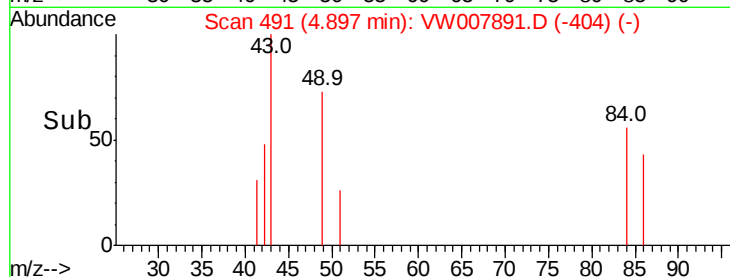
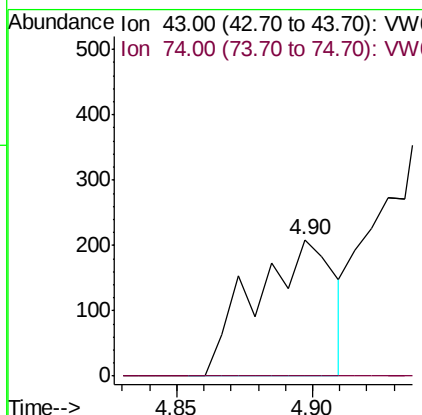
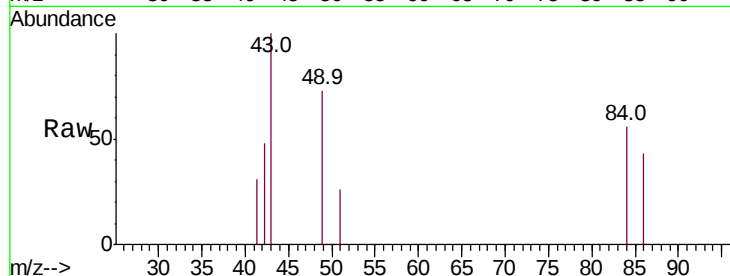




#18
Methyl Acetate
Concen: 4.910 ug/l
RT: 4.90 min Scan# 491
Delta R.T. 0.23 min
Lab File: VW007891.D
Acq: 24 Dec 2018 16:17

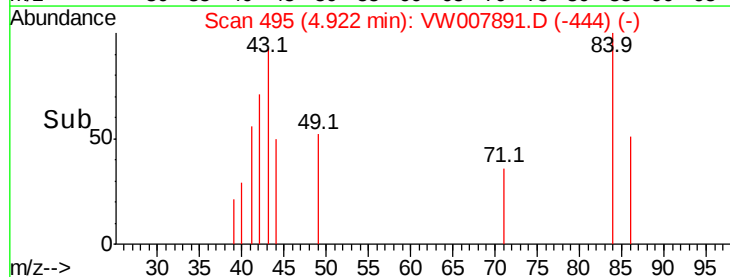
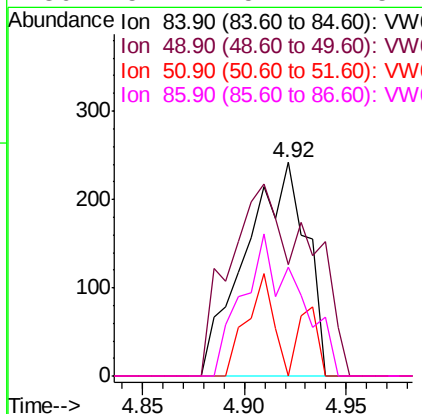
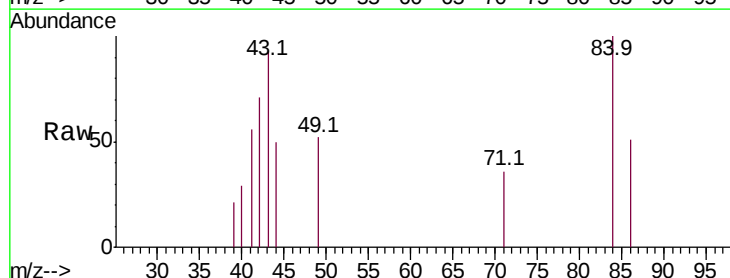
Instrument :
MSVOA_W
ClientSampled :

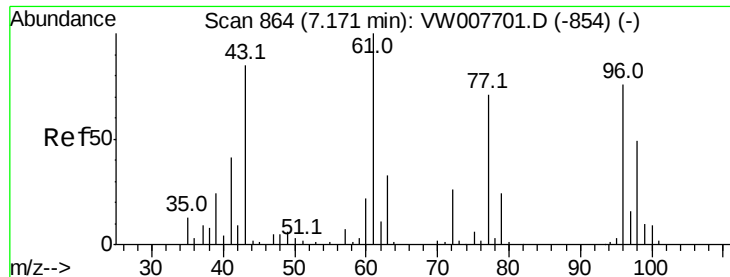
Tot Ion: 43 Resp: 422
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW007891.D
Acq: 24 Dec 2018 16:17

Tgt Ion: 84 Resp: 502
Ion Ratio Lower Upper
84 100
49 52.5 83.7 125.5#
51 0.0 28.2 42.2#
86 51.2 52.2 78.2#





#25

2-Butanone

Concen: 24.309 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

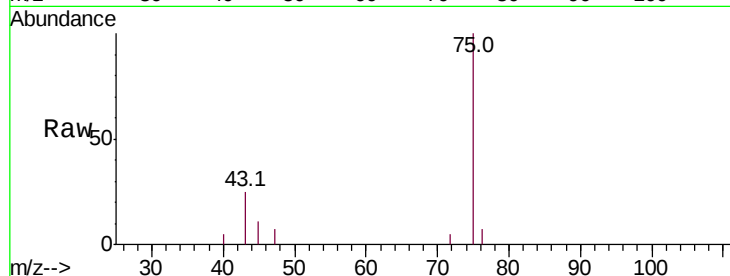
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1029

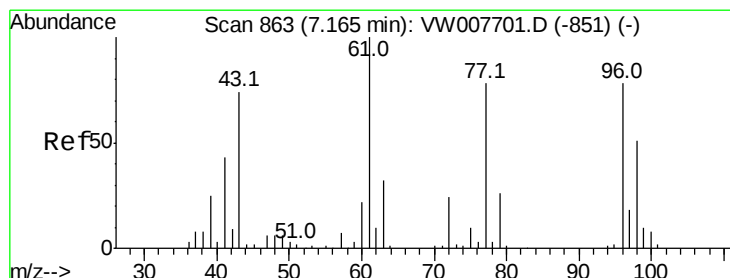
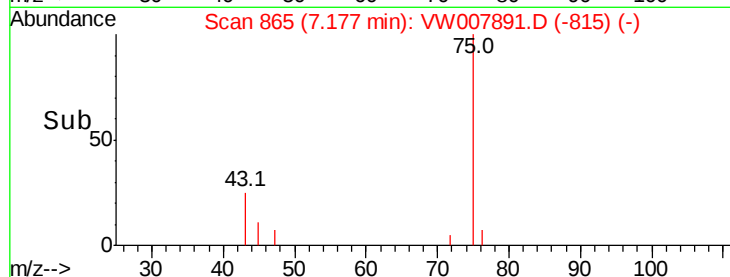
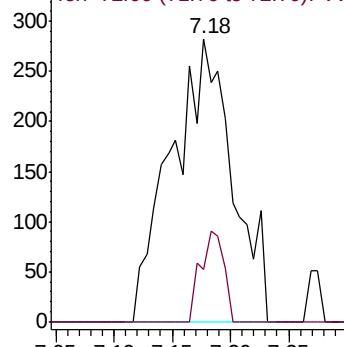
Ion Ratio Lower Upper

43 100

72 18.4 24.5 36.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 1.999 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW007891.D

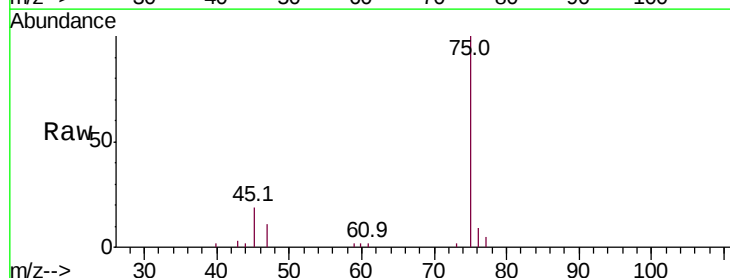
Acq: 24 Dec 2018 16:17

Tgt Ion: 77 Resp: 459

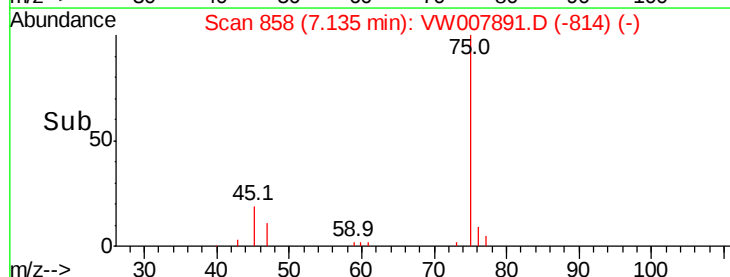
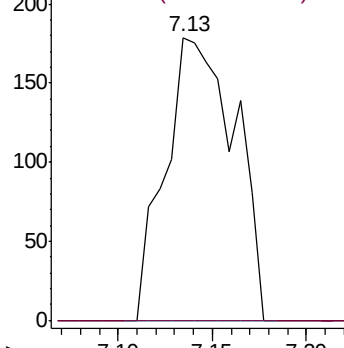
Ion Ratio Lower Upper

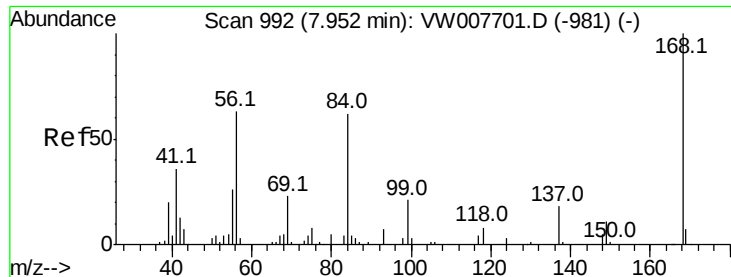
77 100

97 0.0 11.3 33.9#



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW

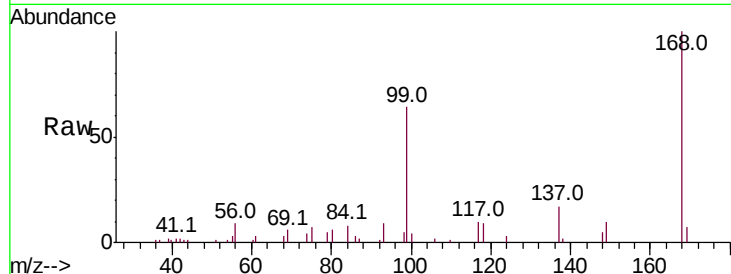




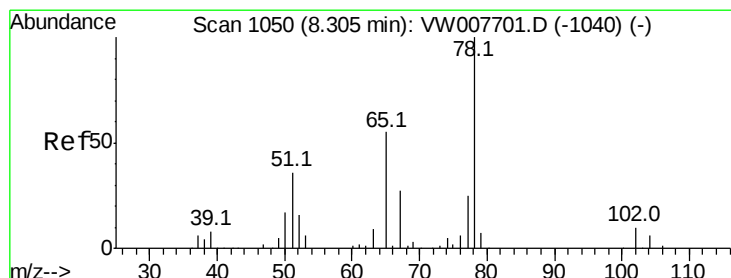
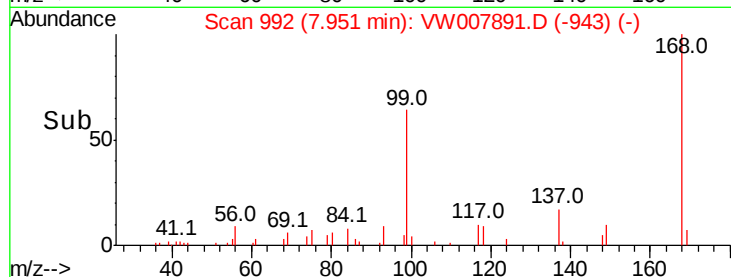
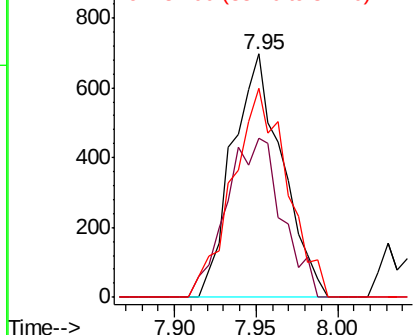
#31
Cyclohexane
Concen: 5.162 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007891.D
Acq: 24 Dec 2018 16:17

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 1483
Ion Ratio Lower Upper
56 100
69 65.6 29.7 44.5#
84 85.8 78.9 118.3

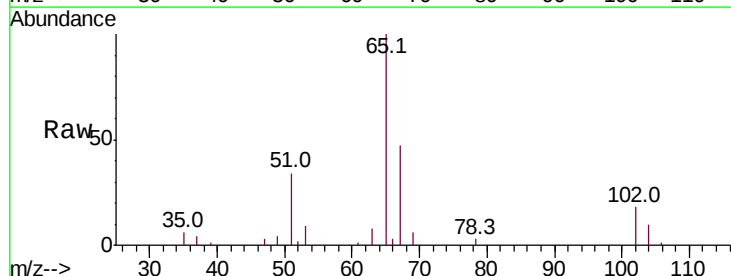


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

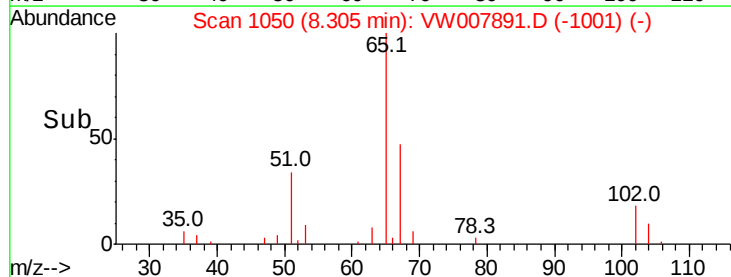
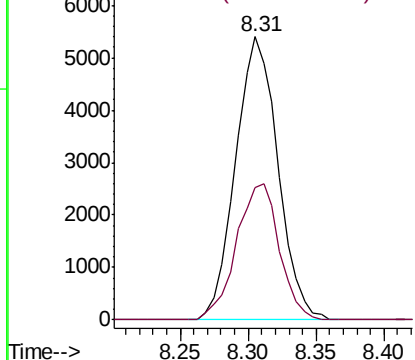


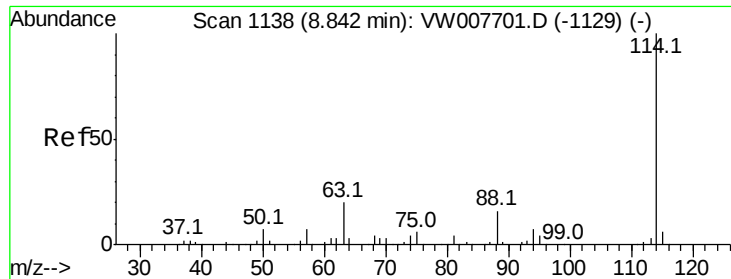
#33
1,2-Dichloroethane-d4
Concen: 60.935 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007891.D
Acq: 24 Dec 2018 16:17

Tgt Ion: 65 Resp: 11760
Ion Ratio Lower Upper
65 100
67 48.6 0.0 100.6



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: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

Instrument :

MSVOA_W

ClientSampleId :

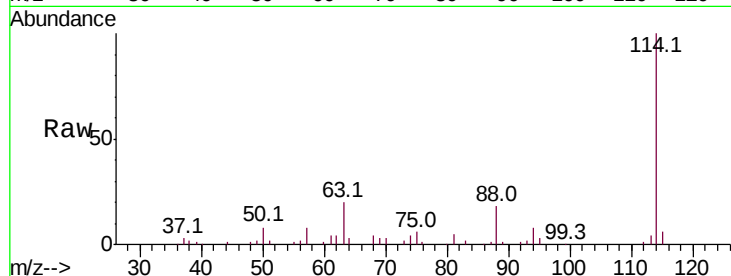
Tot Ion:114 Resp: 29674

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

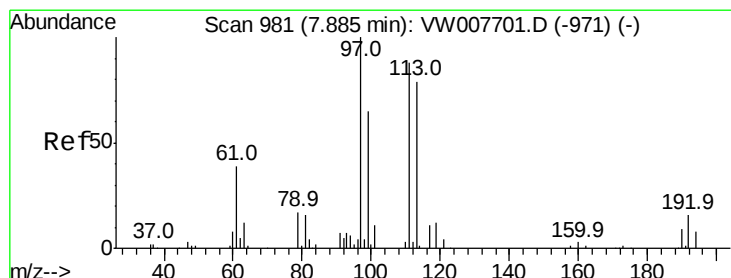
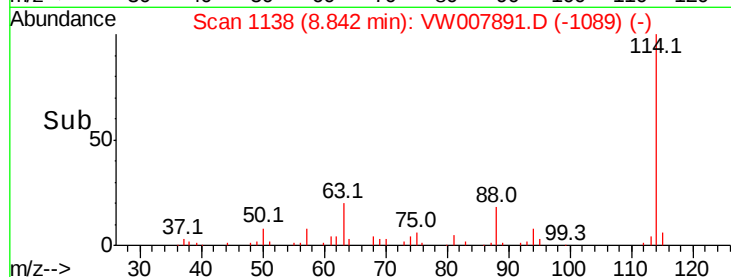
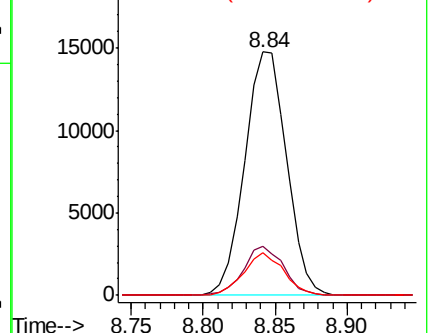
88 17.7 0.0 32.6



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: 50.882 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

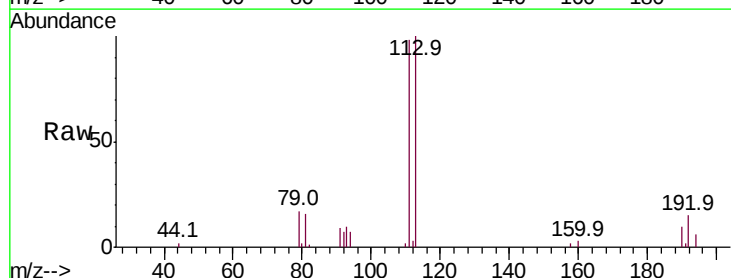
Tgt Ion:113 Resp: 9211

Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

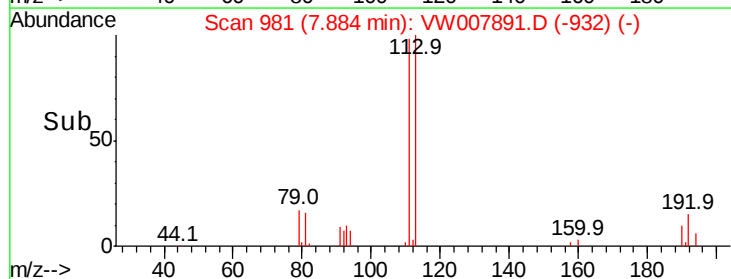
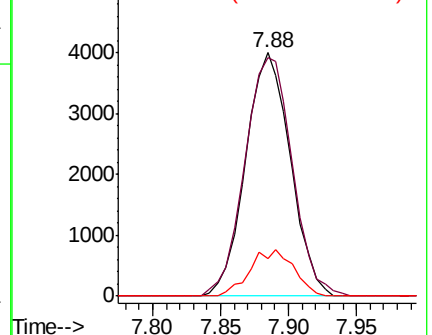
192 18.6 15.5 23.3

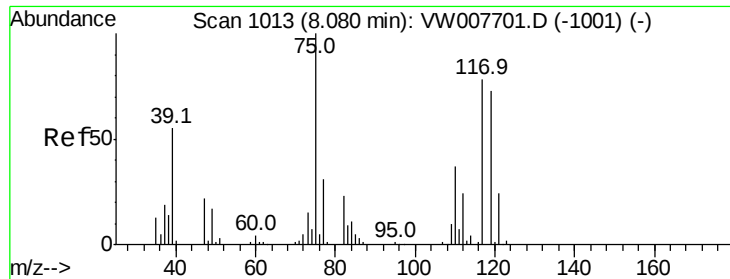


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

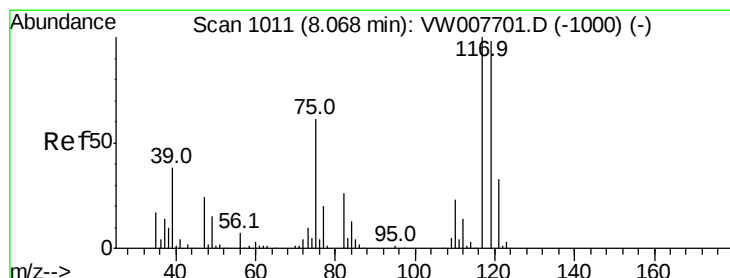
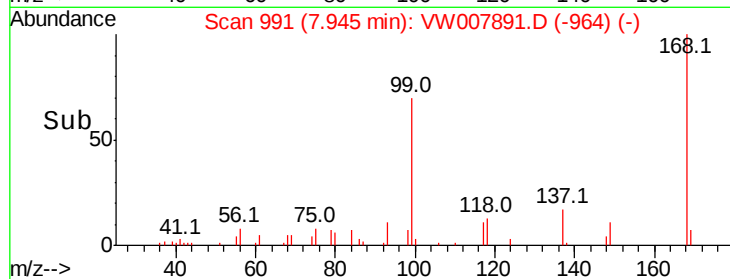
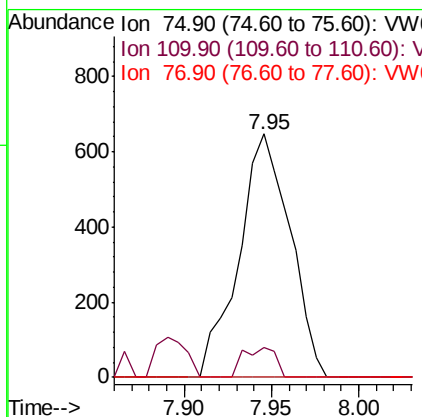
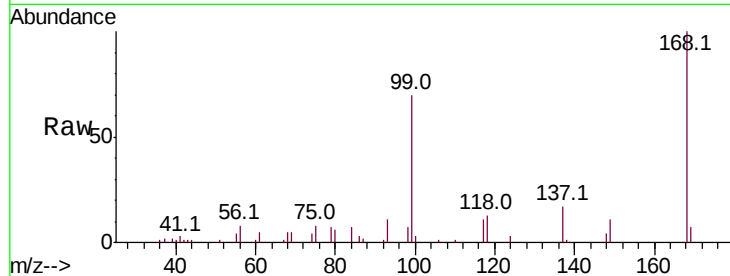




#36
 1,1-Dichloropropene
 Concen: 4.623 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007891.D
 Acq: 24 Dec 2018 16:17

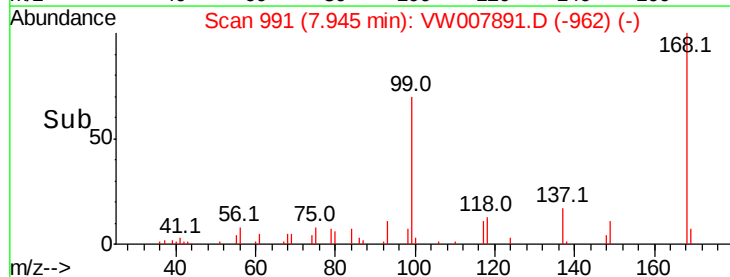
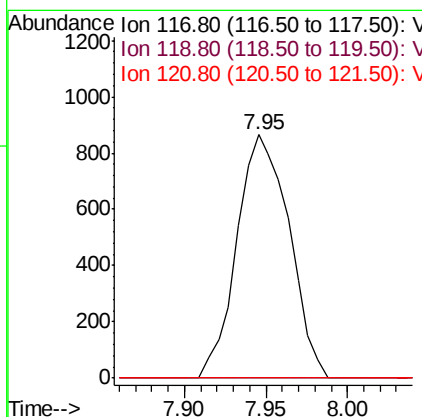
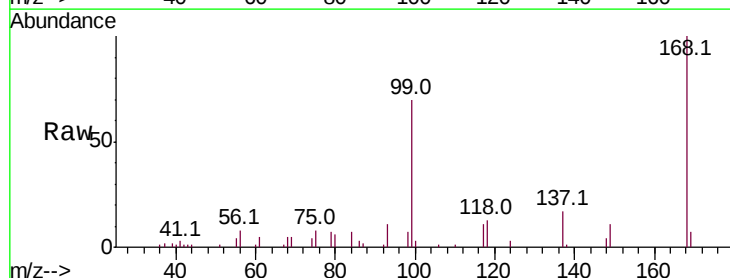
Instrument :
 MSVOA_W
 ClientSampleId :

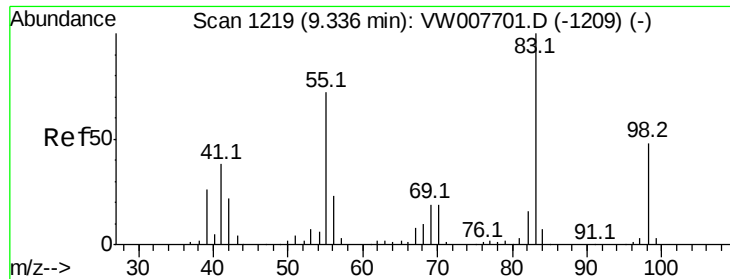
Tot Ion: 75 Resp: 1324
 Ion Ratio Lower Upper
 75 100
 110 7.7 18.6 55.8#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.710 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007891.D
 Acq: 24 Dec 2018 16:17

Tgt Ion: 117 Resp: 1926
 Ion Ratio Lower Upper
 117 100
 119 0.0 78.2 117.2#
 121 0.0 26.1 39.1#





#39

Methylcyclohexane

Concen: 8.986 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

Instrument :

MSVOA_W

ClientSampled :

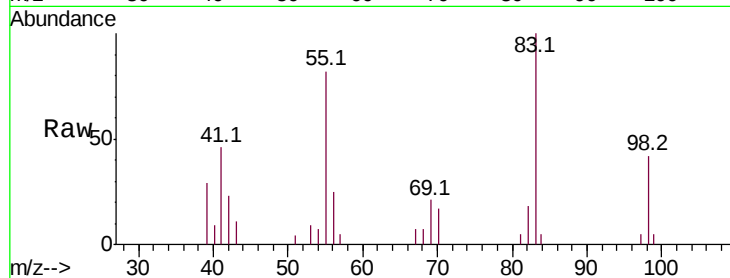
Tot Ion: 83 Resp: 3198

Ion Ratio Lower Upper

83 100

55 82.0 57.2 85.8

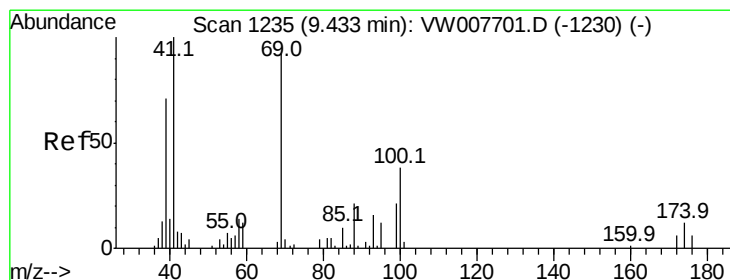
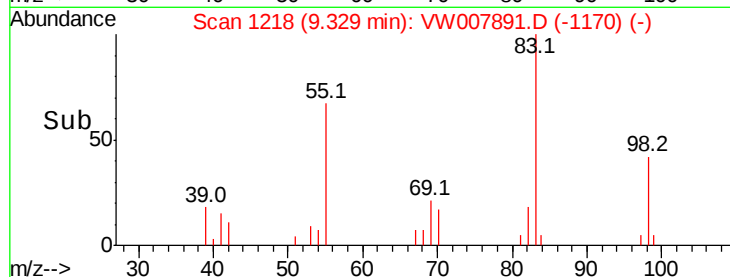
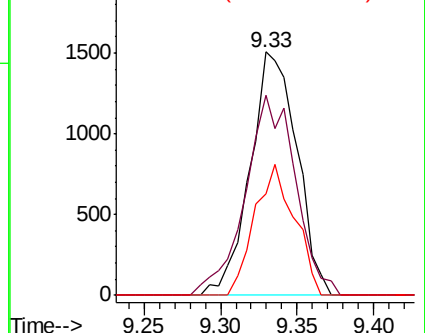
98 41.9 38.6 58.0



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



#48

Methyl methacrylate

Concen: 1.174 ug/l

RT: 9.51 min Scan# 1248

Delta R.T. 0.08 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

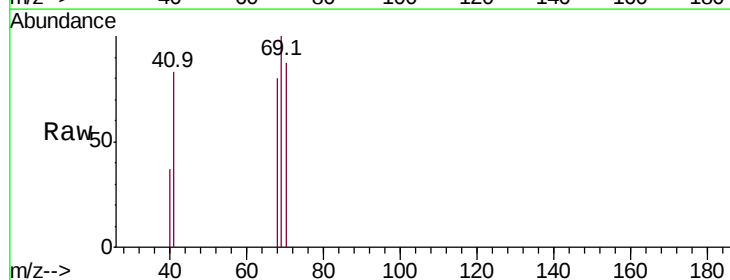
Tgt Ion: 41 Resp: 116

Ion Ratio Lower Upper

41 100

69 162.9 74.2 111.2#

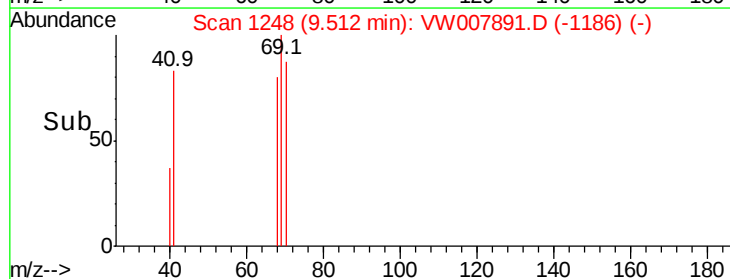
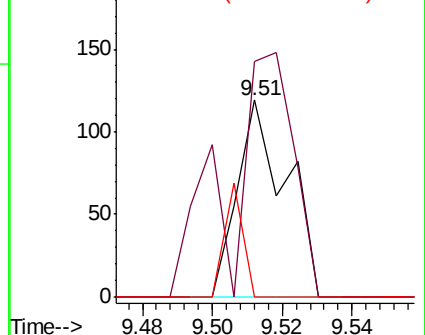
39 0.0 53.9 80.9#

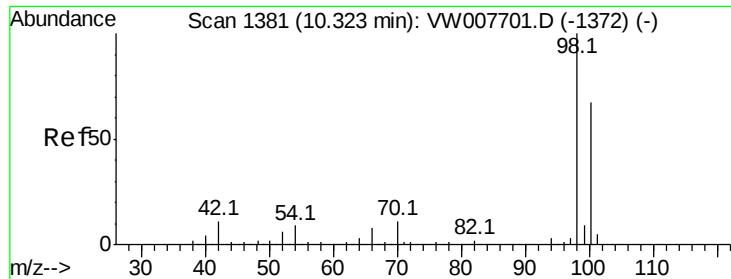


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 45.095 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

Instrument :

MSVOA_W

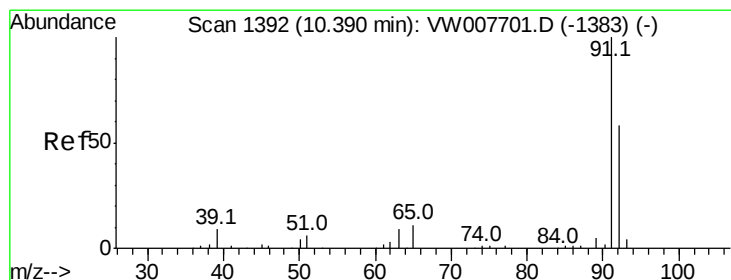
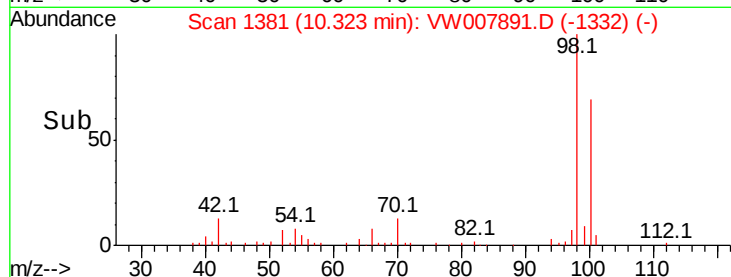
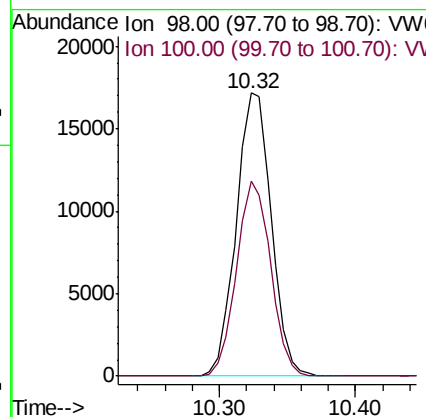
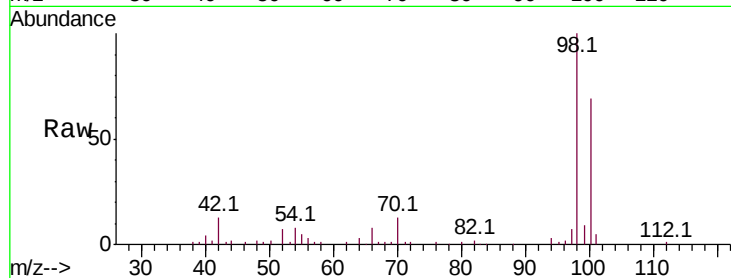
ClientSampleId :

Tot Ion: 98 Resp: 30775

Ion Ratio Lower Upper

98 100

100 67.1 52.2 78.2



#52

Toluene

Concen: 77.576 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007891.D

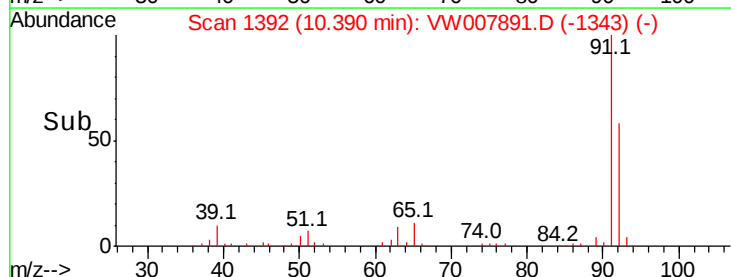
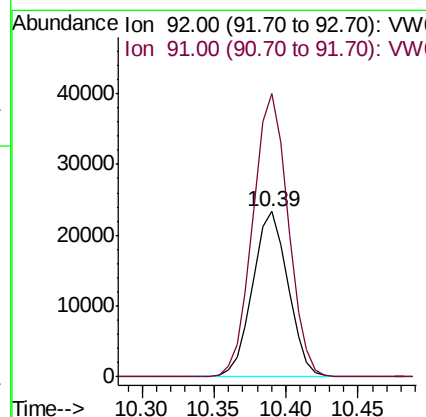
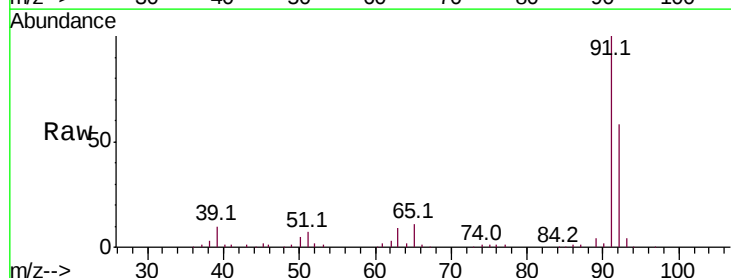
Acq: 24 Dec 2018 16:17

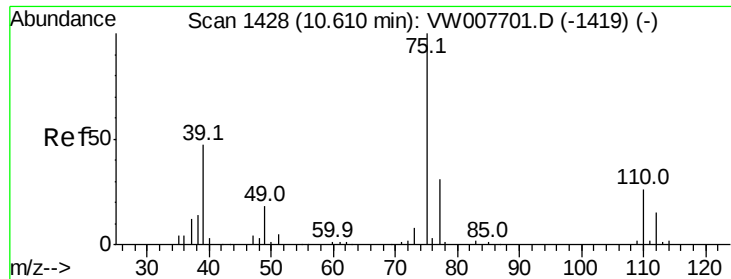
Tgt Ion: 92 Resp: 39779

Ion Ratio Lower Upper

92 100

91 171.4 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 1.744 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.23 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

Instrument :

MSVOA_W

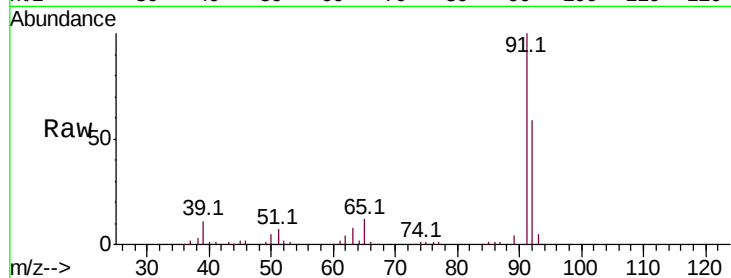
ClientSampled :

Tot Ion: 75 Resp: 476

Ion Ratio Lower Upper

75 100

77 147.9 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

600

500

400

300

200

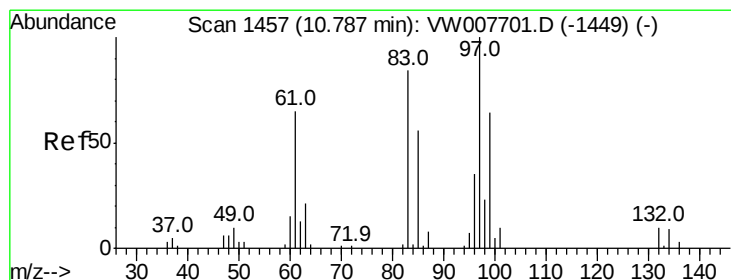
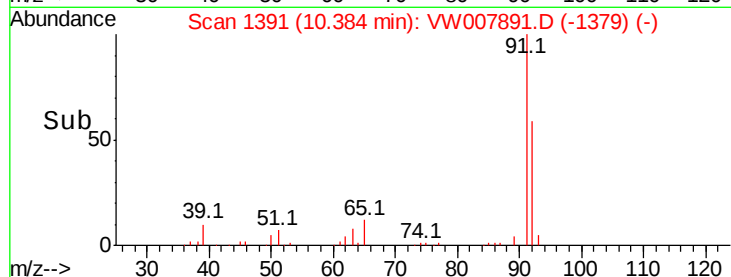
100

0

10.35

10.40

Time-->



#55

1,1,2-Trichloroethane

Concen: 5.309 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

Tgt Ion: 97 Resp: 764

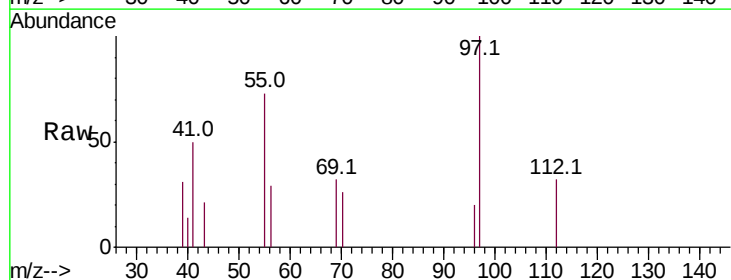
Ion Ratio Lower Upper

97 100

83 0.0 67.5 101.3#

85 0.0 44.8 67.2#

99 0.0 51.0 76.4#



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

600

500

400

300

200

100

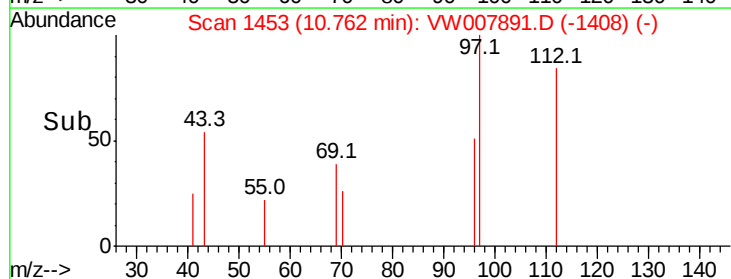
0

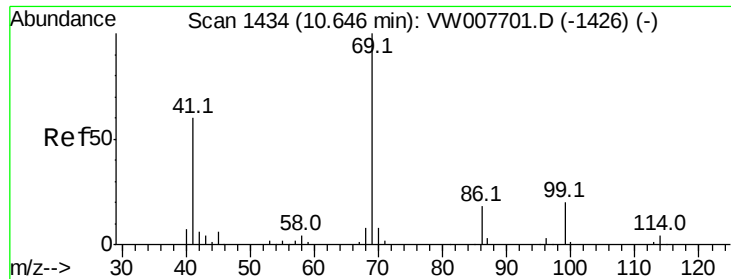
10.70

10.75

10.80

Time-->





#56

Ethyl methacrylate

Concen: 1.835 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

Instrument :

MSVOA_W

ClientSampled :

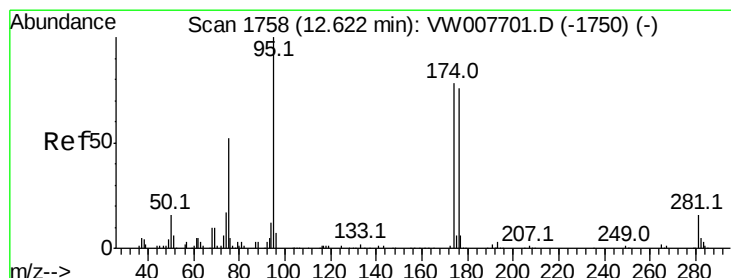
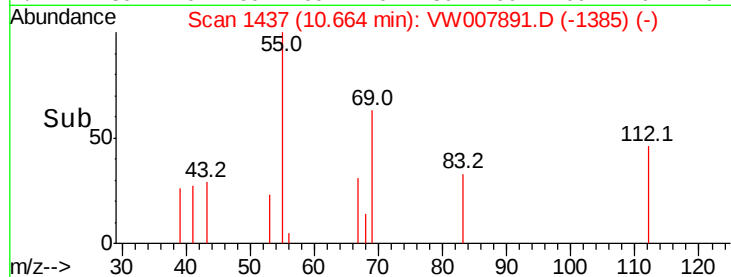
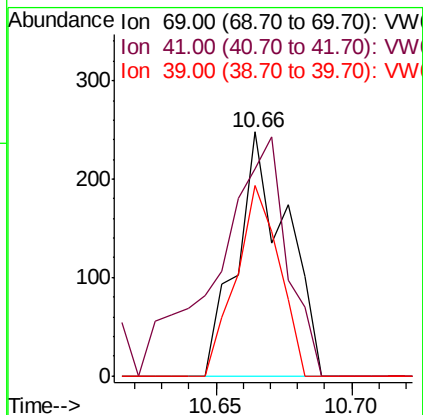
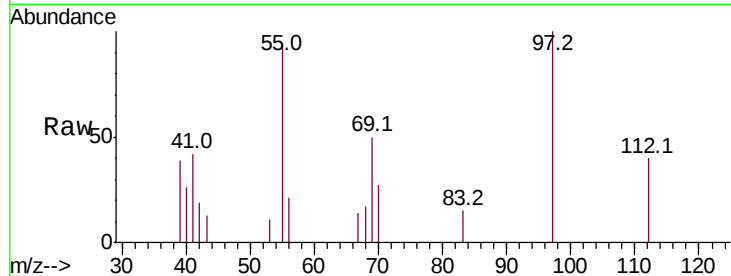
Tot Ion: 69 Resp: 312

Ion Ratio Lower Upper

69 100

41 137.5 48.9 73.3#

39 67.9 31.3 46.9#



#62

4-Bromofluorobenzene

Concen: 37.638 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

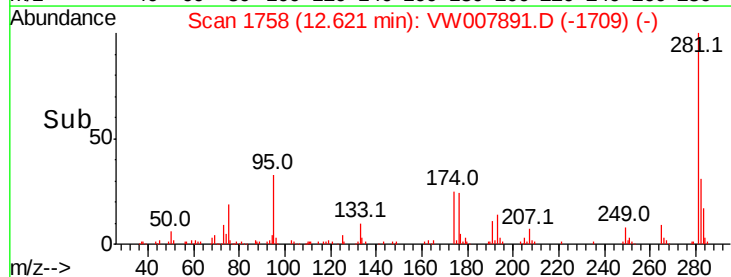
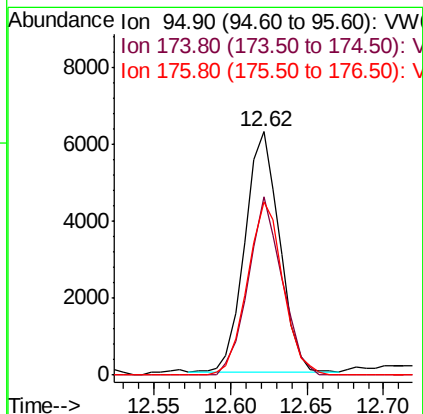
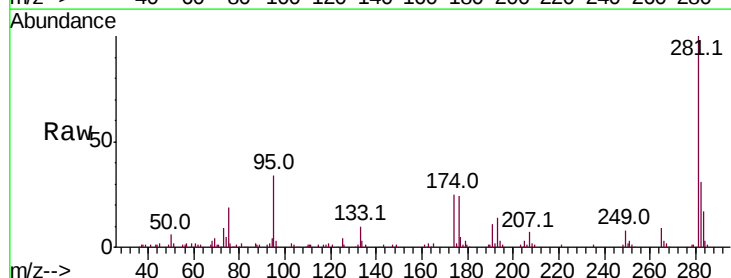
Tgt Ion: 95 Resp: 9923

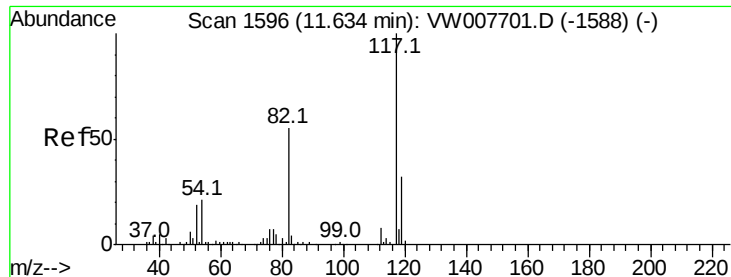
Ion Ratio Lower Upper

95 100

174 71.6 0.0 152.2

176 73.3 0.0 146.8

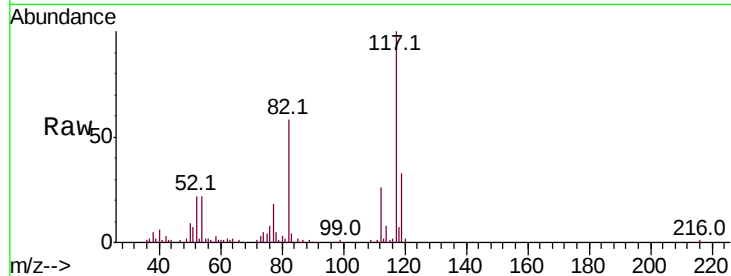




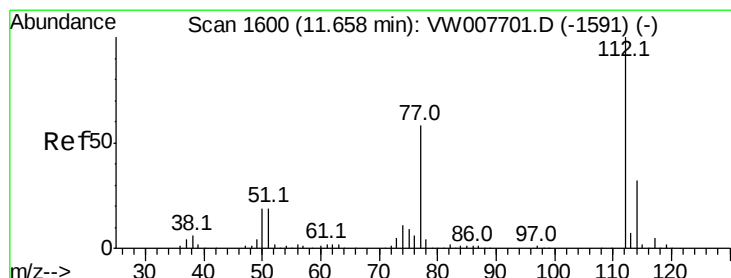
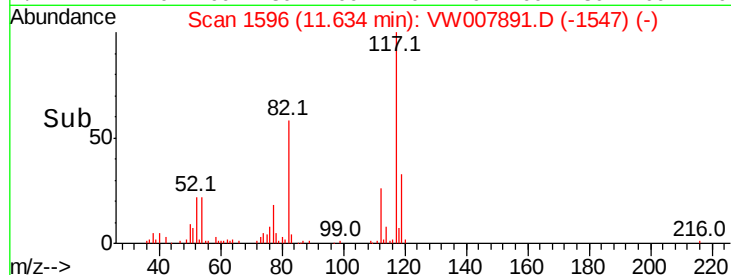
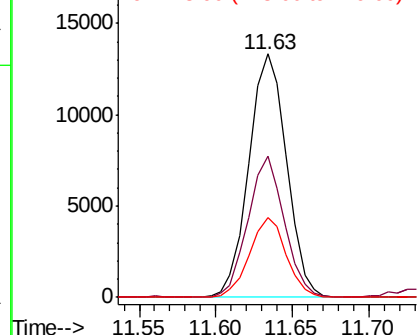
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007891.D
Acq: 24 Dec 2018 16:17

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 22864
Ion Ratio Lower Upper
117 100
82 58.1 44.3 66.5
119 33.0 25.7 38.5

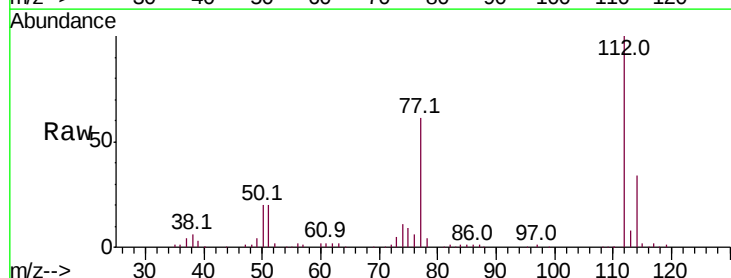


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

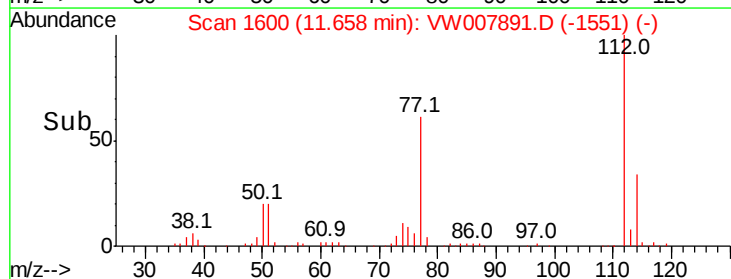
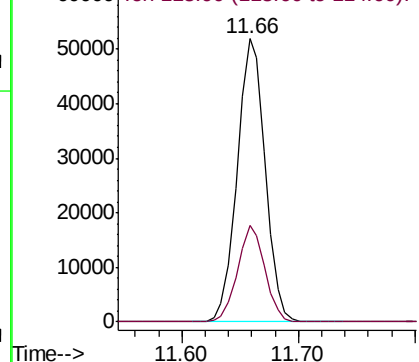


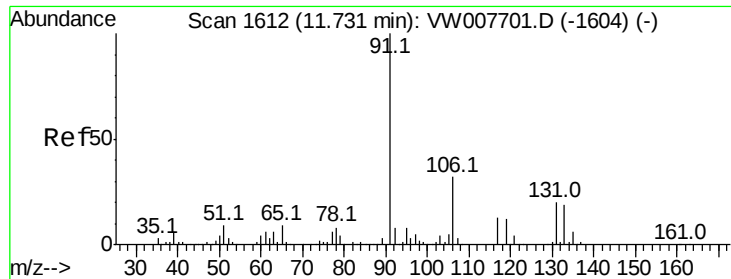
#65
Chlorobenzene
Concen: 175.378 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007891.D
Acq: 24 Dec 2018 16:17

Tgt Ion:112 Resp: 86790
Ion Ratio Lower Upper
112 100
114 33.9 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

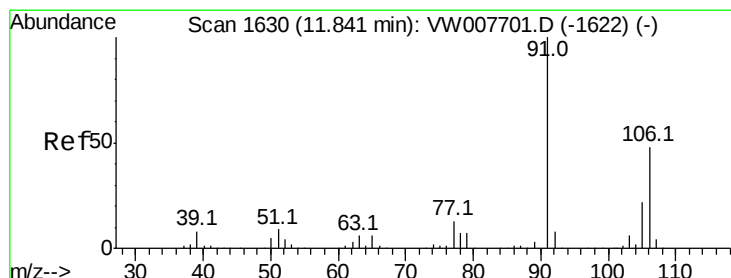
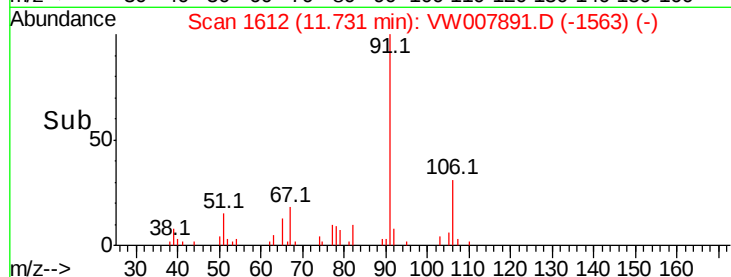
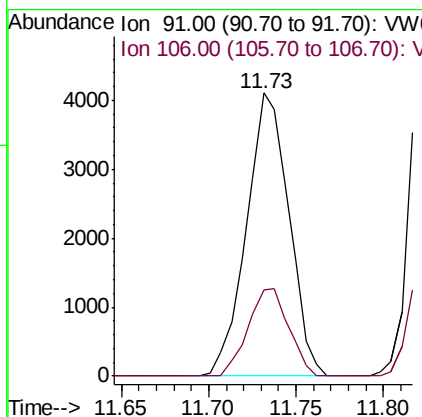
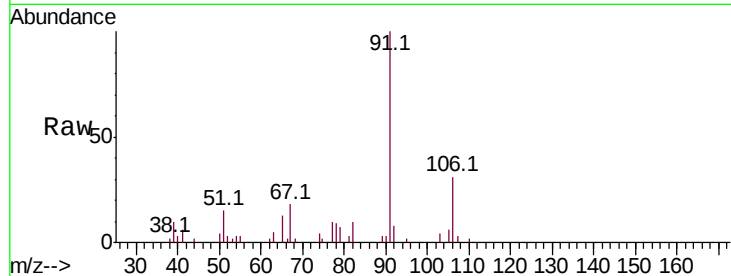




#67
Ethyl Benzene
Concen: 8.151 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007891.D
Acq: 24 Dec 2018 16:17

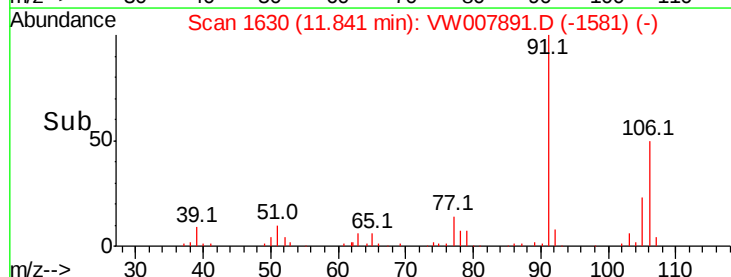
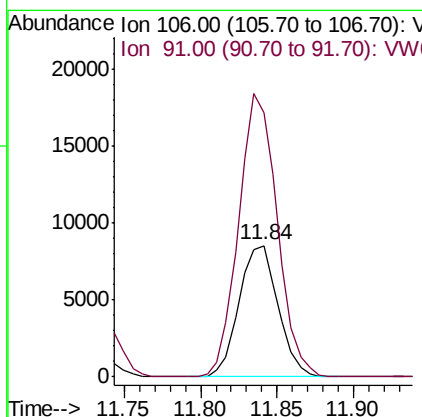
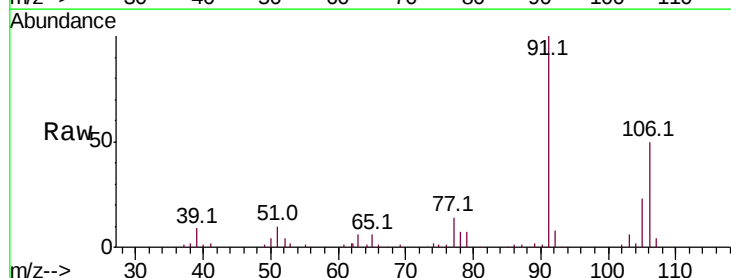
Instrument :
MSVOA_W
ClientSampled :

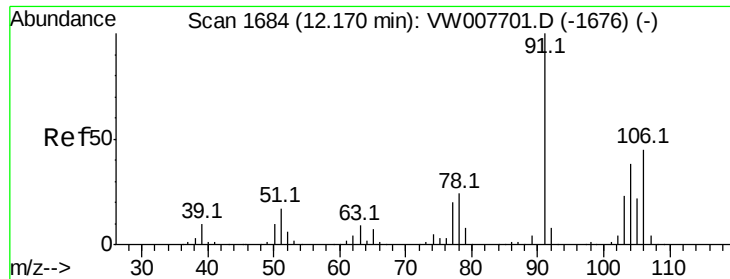
Tot Ion: 91 Resp: 6922
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.8



#68
m/p-Xylenes
Concen: 45.705 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007891.D
Acq: 24 Dec 2018 16:17

Tgt Ion:106 Resp: 15056
Ion Ratio Lower Upper
106 100
91 214.4 165.2 247.8

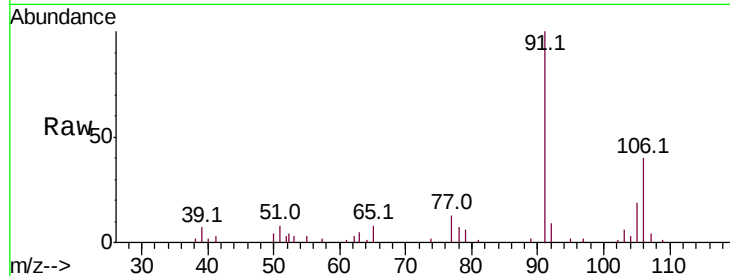




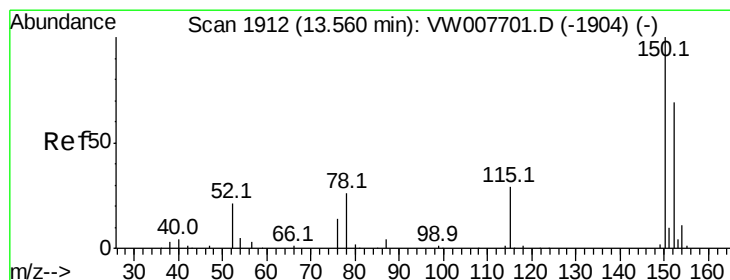
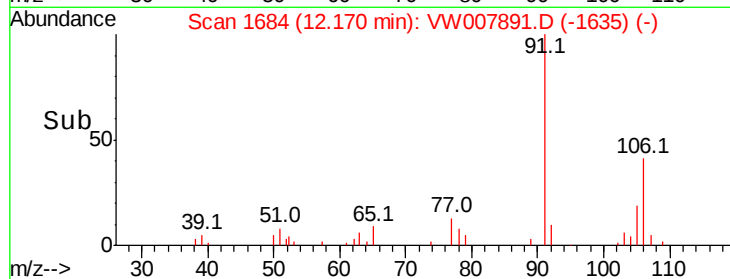
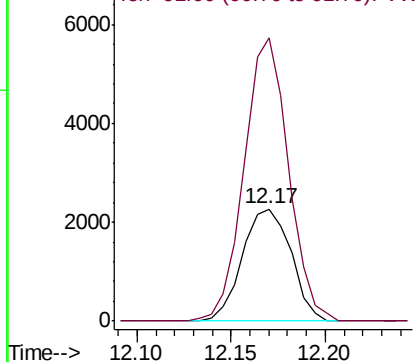
#69
o-Xylene
Concen: 13.061 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007891.D
Acq: 24 Dec 2018 16:17

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 4033
Ion Ratio Lower Upper
106 100
91 231.2 110.5 331.4

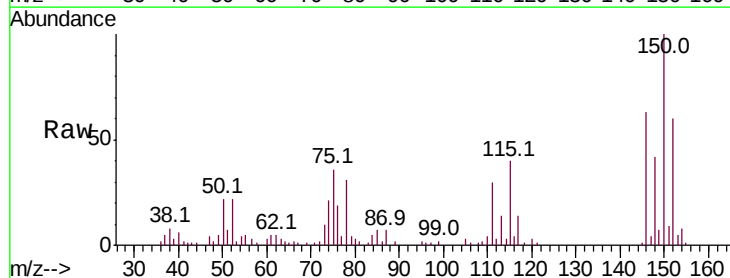


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

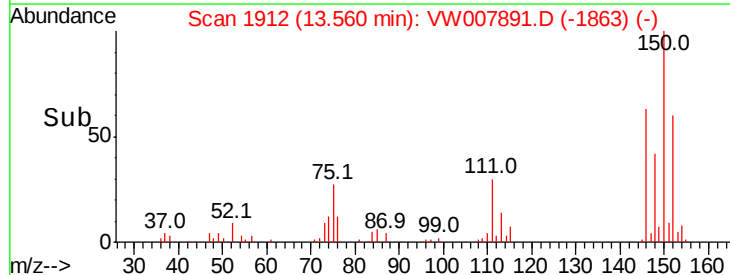
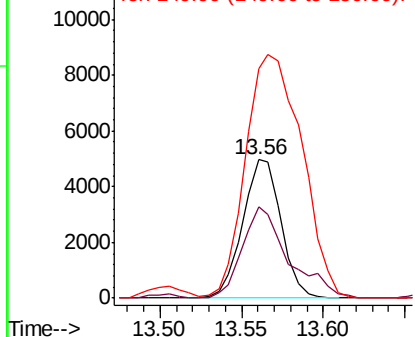


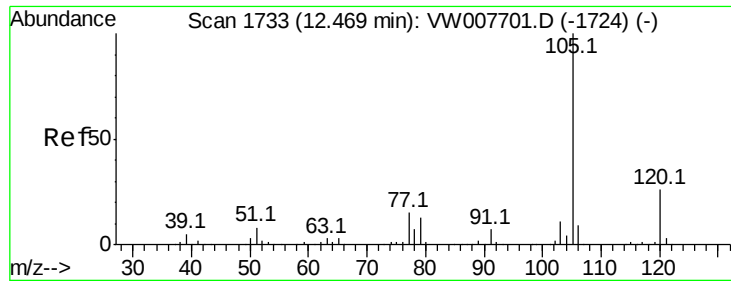
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007891.D
Acq: 24 Dec 2018 16:17

Tgt Ion:152 Resp: 8139
Ion Ratio Lower Upper
152 100
115 78.5 31.8 95.4
150 257.2 0.0 350.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 26.595 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

Instrument :

MSVOA_W

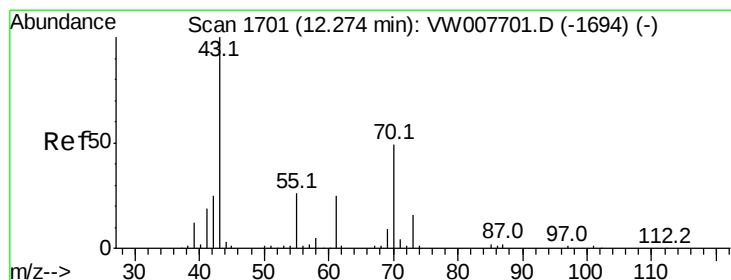
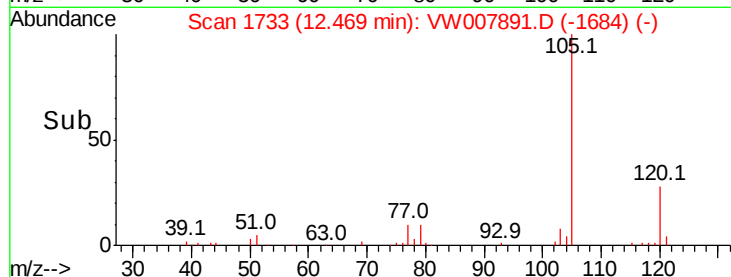
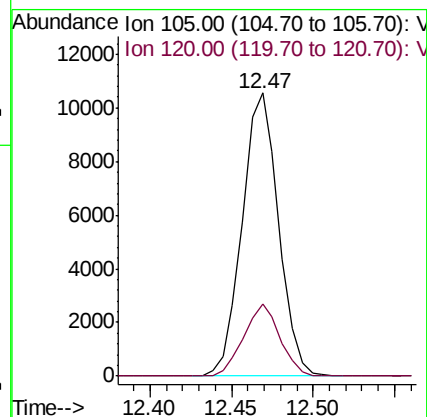
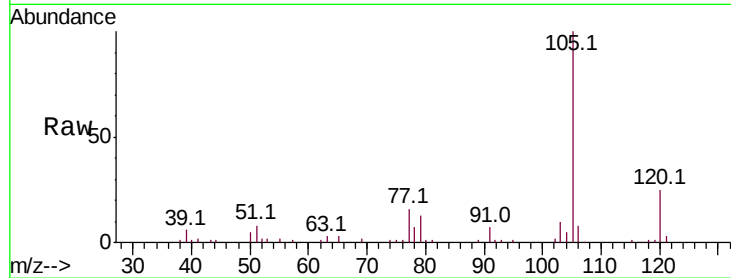
ClientSampled :

Tot Ion:105 Resp: 16362

Ion Ratio Lower Upper

105 100

120 25.1 13.1 39.3



#74

N-ethyl acetate

Concen: 3.040 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

Tgt Ion: 43 Resp: 324

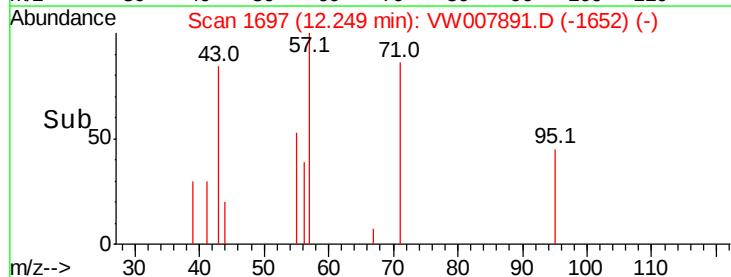
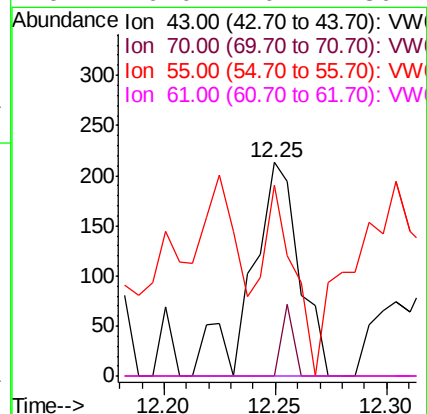
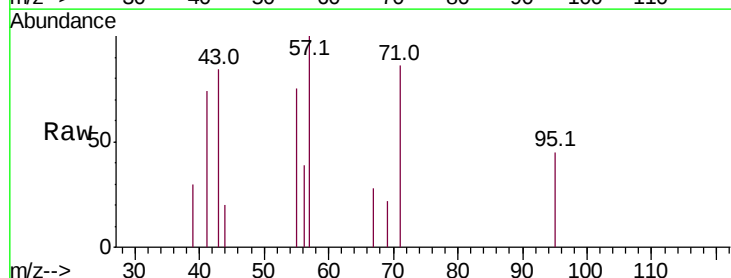
Ion Ratio Lower Upper

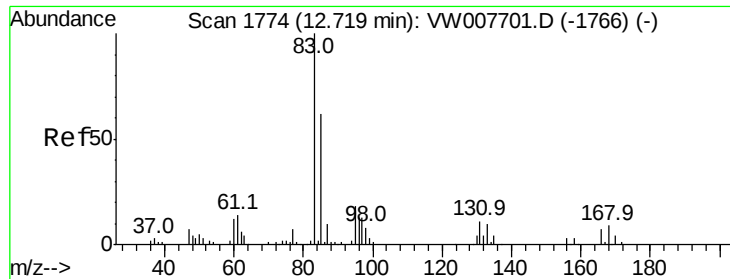
43 100

70 8.0 37.6 56.4#

55 56.8 21.7 32.5#

61 0.0 20.1 30.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.106 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

Instrument :

MSVOA_W

ClientSampled :

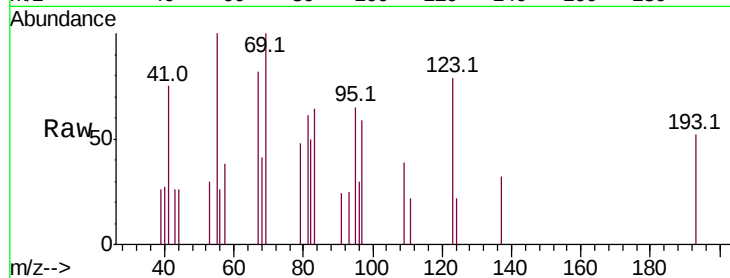
Tot Ion: 83 Resp: 102

Ion Ratio Lower Upper

83 100

131 0.0 6.3 18.8#

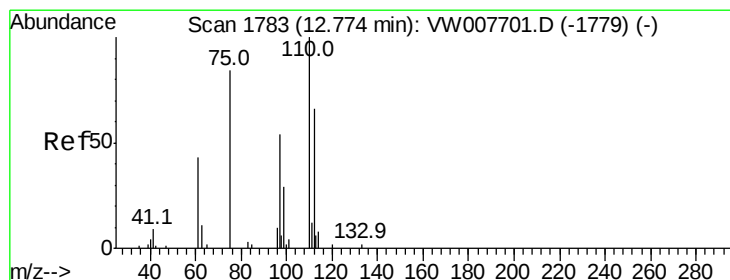
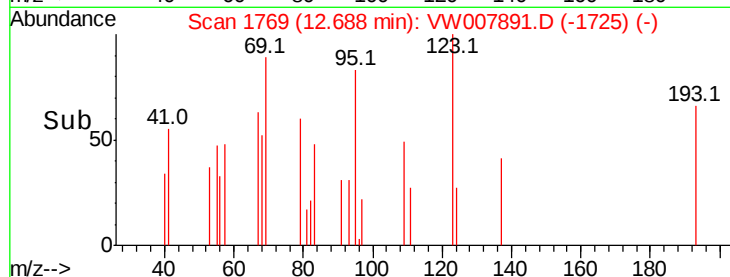
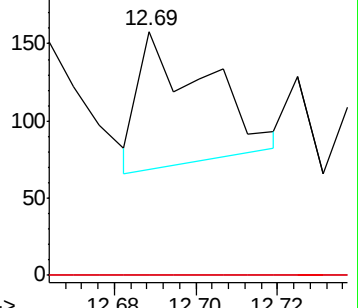
85 0.0 32.3 96.8#



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: 92.454 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007891.D

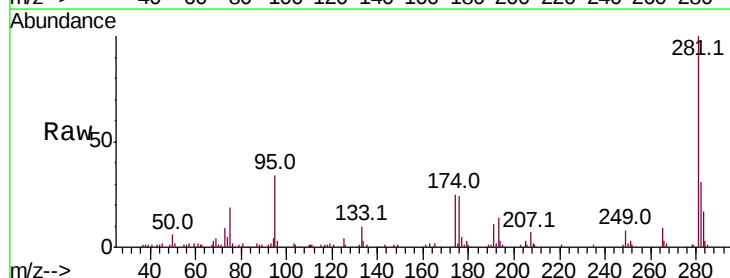
Acq: 24 Dec 2018 16:17

Tgt Ion: 75 Resp: 5816

Ion Ratio Lower Upper

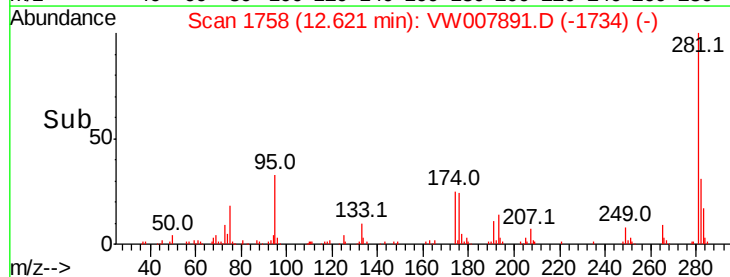
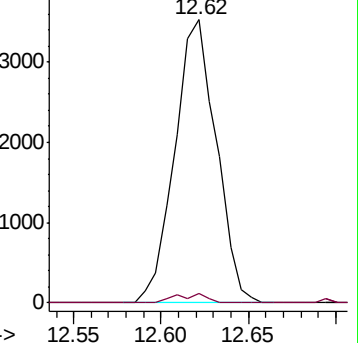
75 100

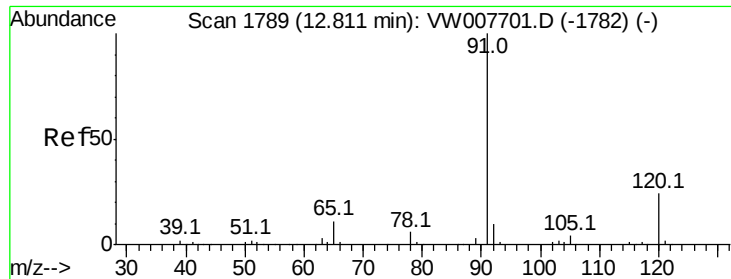
77 2.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 35.300 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

Instrument :

MSVOA_W

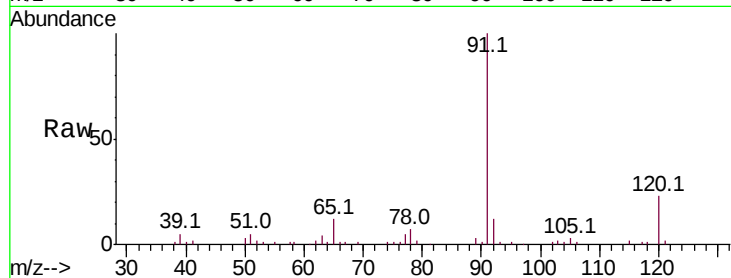
ClientSampleId :

Tot Ion: 91 Resp: 25280

Ion Ratio Lower Upper

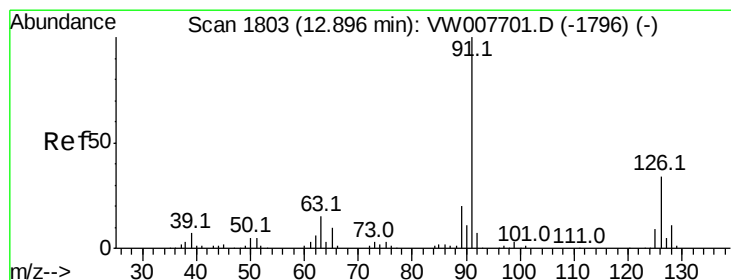
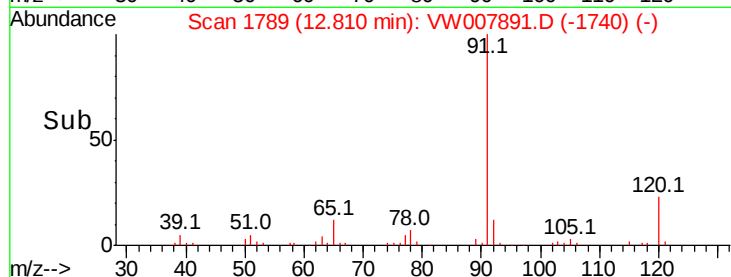
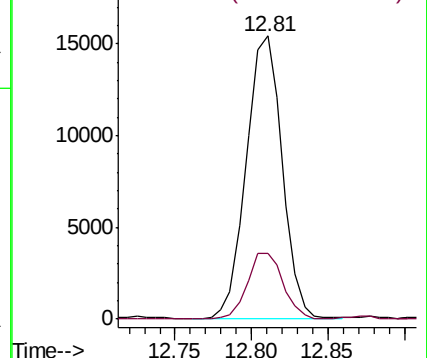
91 100

120 23.2 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 60.595 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.09 min

Lab File: VW007891.D

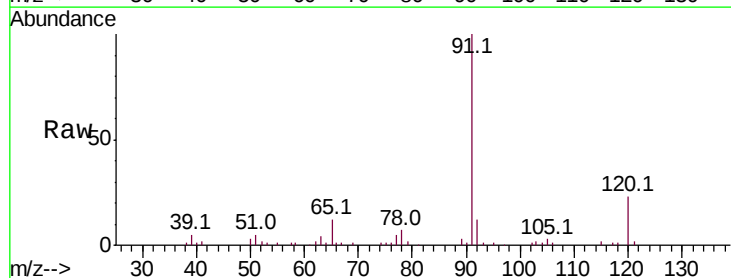
Acq: 24 Dec 2018 16:17

Tgt Ion: 91 Resp: 25280

Ion Ratio Lower Upper

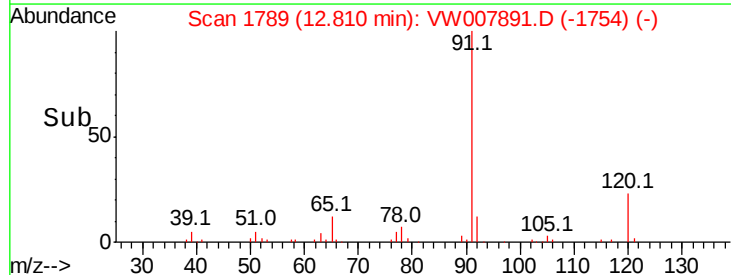
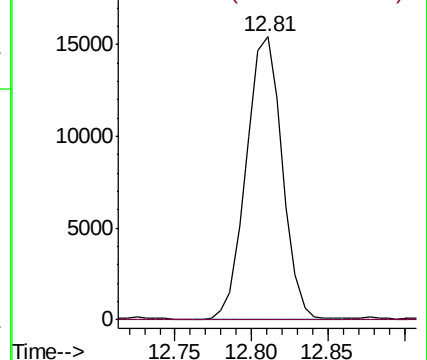
91 100

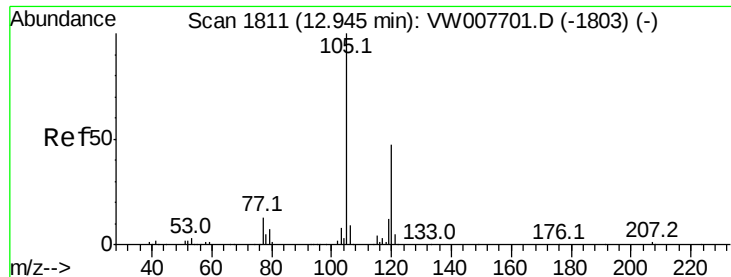
126 0.0 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 54.987 ug/l

RT: 13.11 min Scan# 1838

Delta R.T. 0.16 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

Instrument :

MSVOA_W

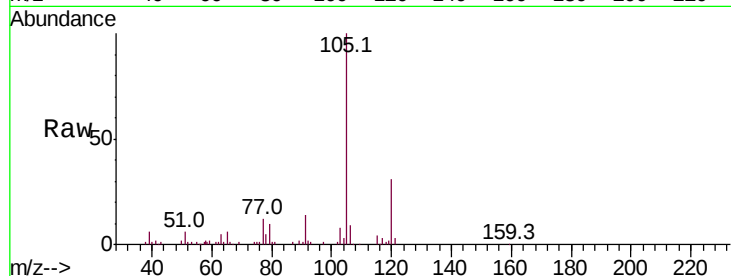
ClientSampled :

Tot Ion:105 Resp: 29180

Ion Ratio Lower Upper

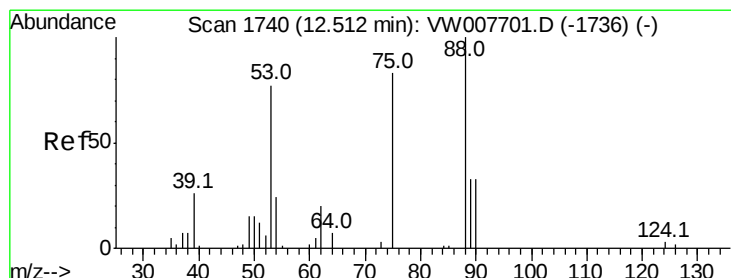
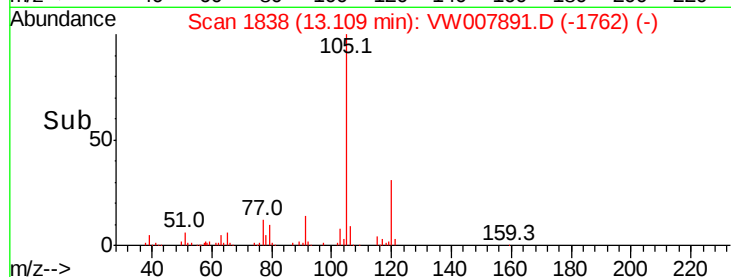
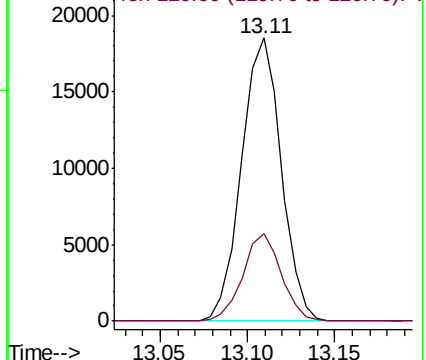
105 100

120 30.0 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 6.573 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

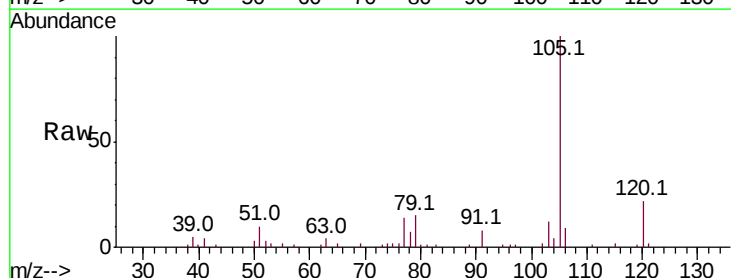
Tgt Ion: 75 Resp: 197

Ion Ratio Lower Upper

75 100

53 141.1 80.2 120.2#

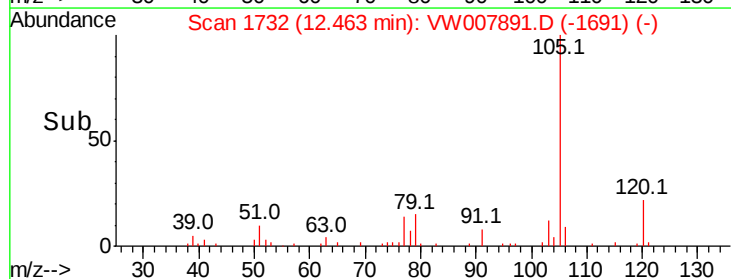
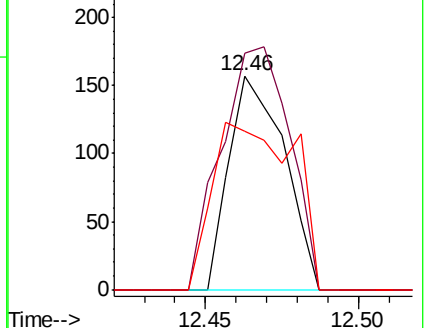
89 114.7 39.2 58.8#

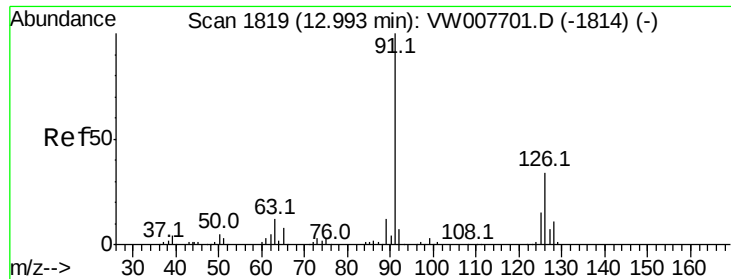


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#82

4-Chlorotoluene

Concen: 8.665 ug/l

RT: 13.11 min Scan# 1838

Delta R.T. 0.12 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

Instrument :

MSVOA_W

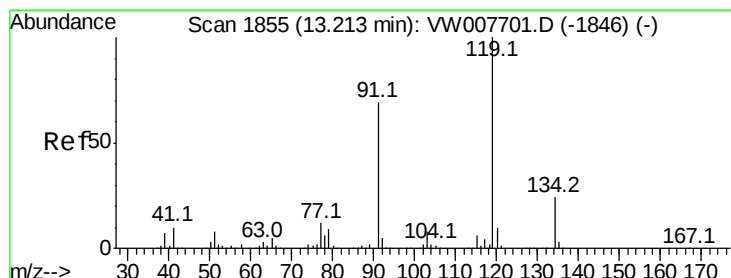
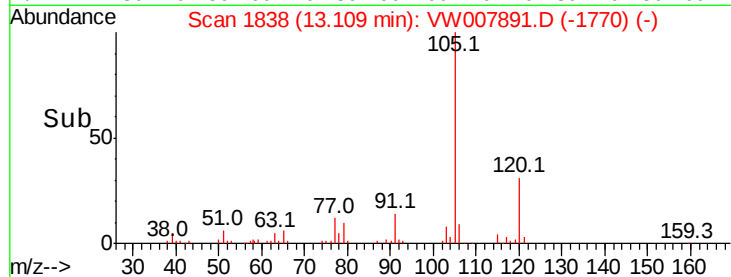
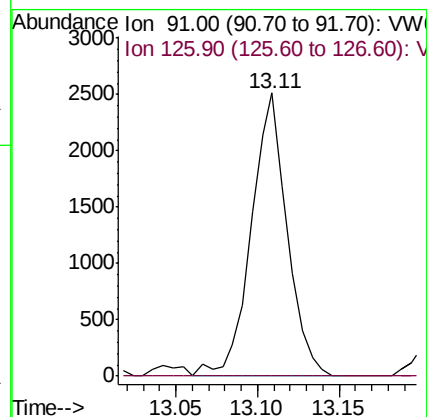
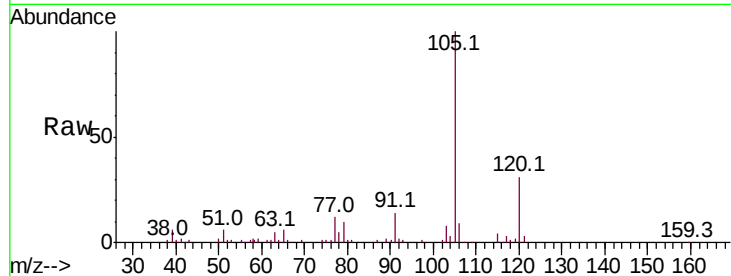
ClientSampled :

Tot Ion: 91 Resp: 3849

Ion Ratio Lower Upper

91 100

126 0.0 16.5 49.5#



#83

tert-Butylbenzene

Concen: 31.476 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.04 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

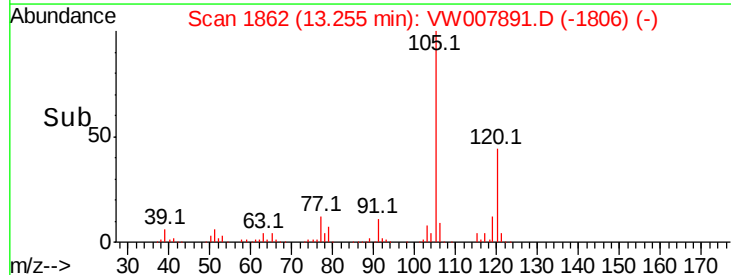
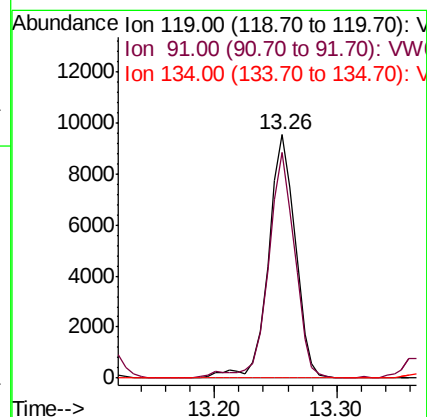
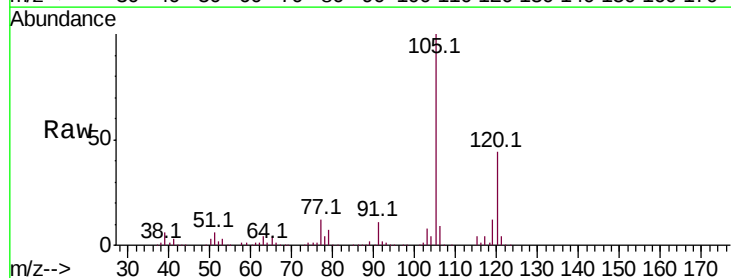
Tgt Ion: 119 Resp: 14656

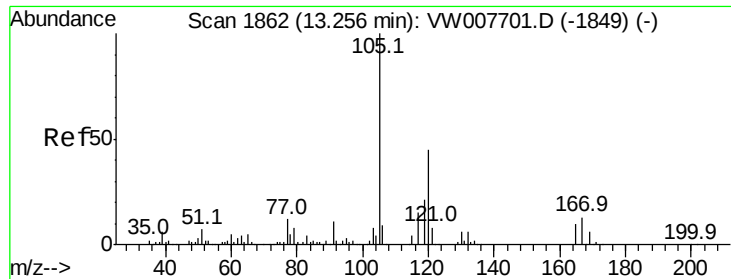
Ion Ratio Lower Upper

119 100

91 91.7 34.2 102.5

134 0.0 12.8 38.4#

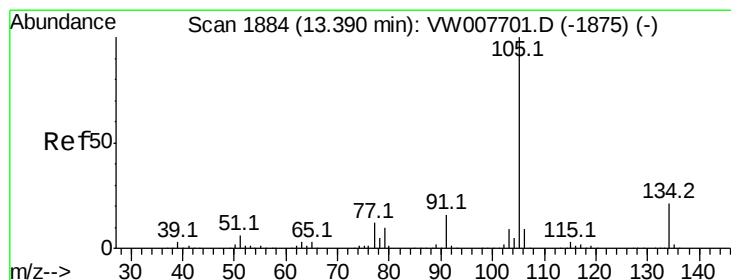
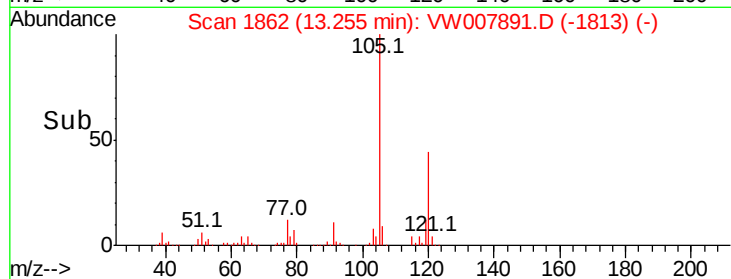
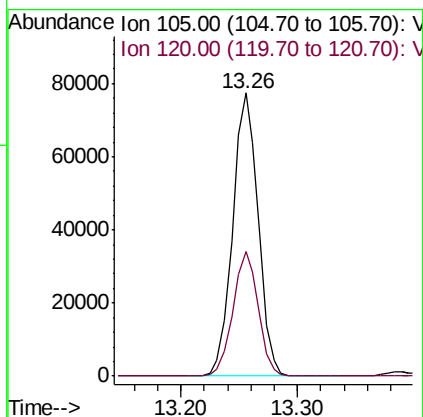
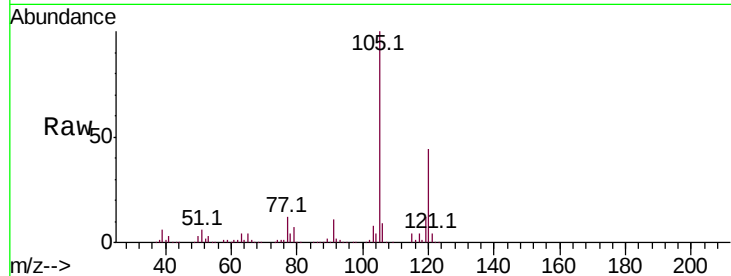




#84
 1,2,4-Trimethylbenzene
 Concen: 219.534 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007891.D
 Acq: 24 Dec 2018 16:17

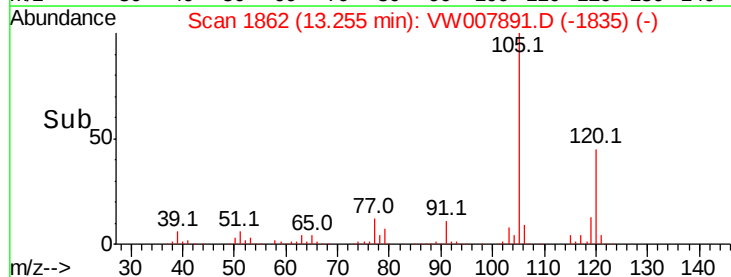
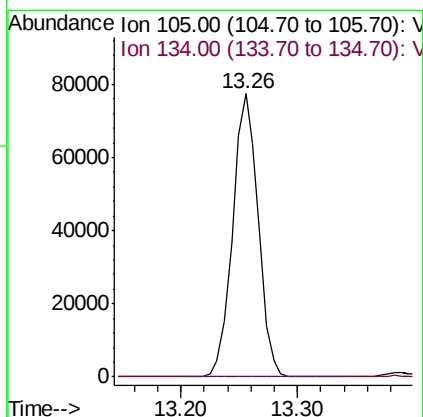
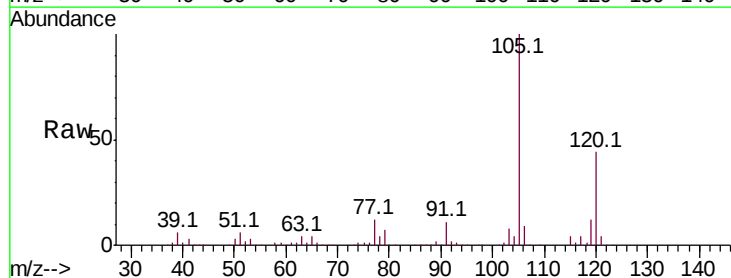
Instrument :
 MSVOA_W
 ClientSampleId :

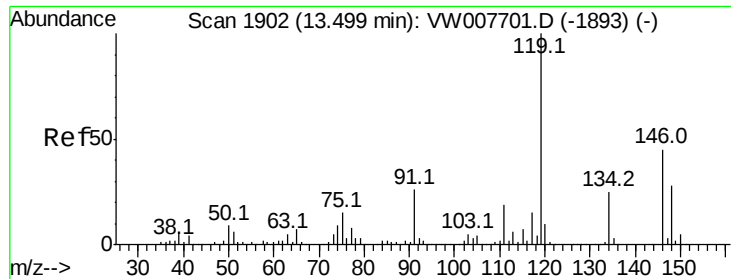
Tot Ion:105 Resp: 117555
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 183.190 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.13 min
 Lab File: VW007891.D
 Acq: 24 Dec 2018 16:17

Tgt Ion:105 Resp: 117555
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#

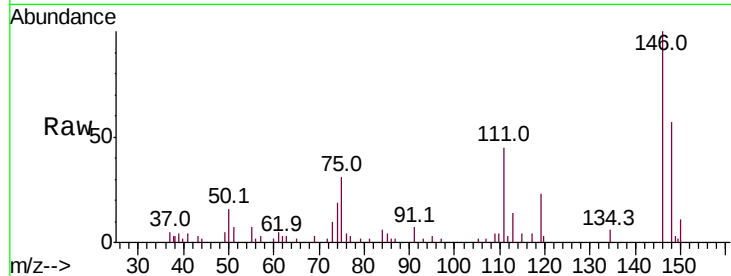




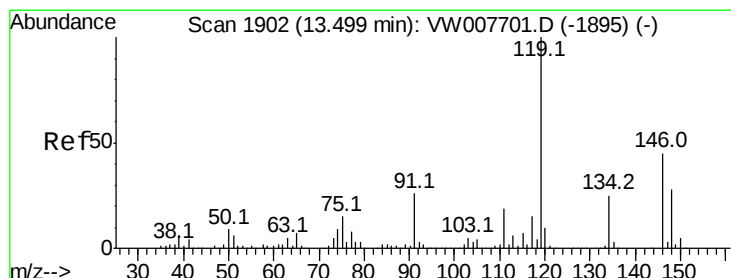
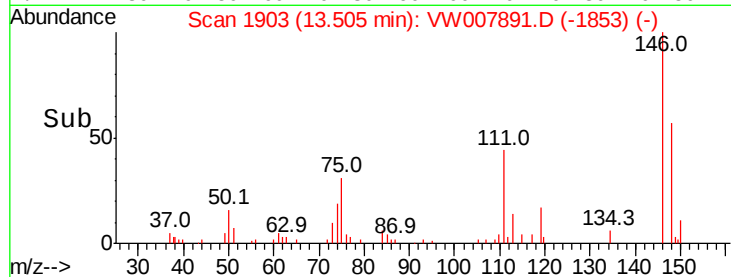
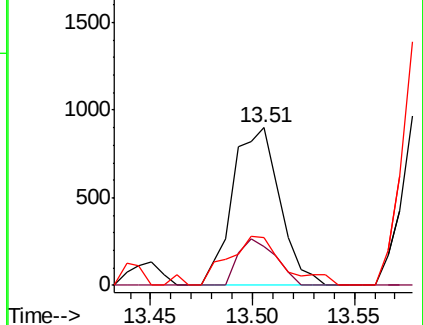
#86
 p-Isopropyltoluene
 Concen: 2.475 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007891.D
 Acq: 24 Dec 2018 16:17

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:119 Resp: 1444
 Ion Ratio Lower Upper
 119 100
 134 23.3 13.0 39.0
 91 35.9 12.8 38.4

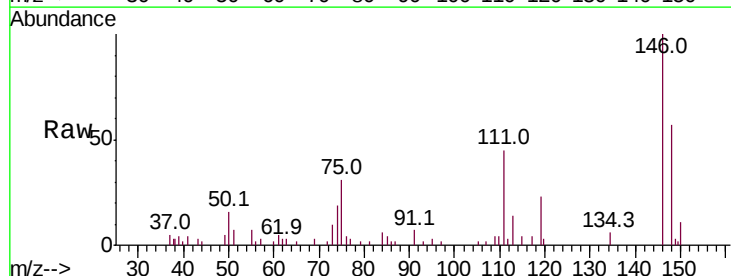


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VW

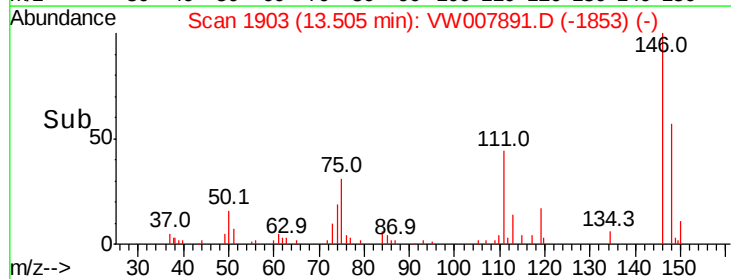
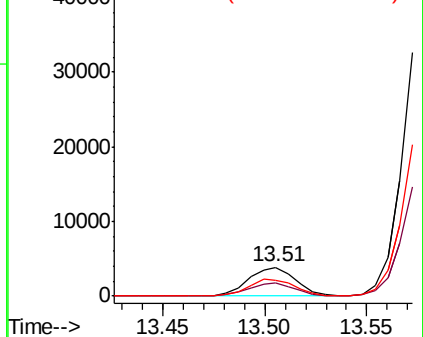


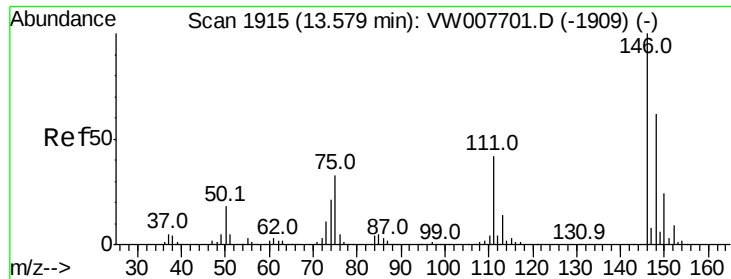
#87
 1,3-Dichlorobenzene
 Concen: 22.169 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007891.D
 Acq: 24 Dec 2018 16:17

Tgt Ion:146 Resp: 6206
 Ion Ratio Lower Upper
 146 100
 111 46.8 21.1 63.4
 148 58.0 32.1 96.5



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





#88

1,4-Dichlorobenzene

Concen: 295.250 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

Instrument :

MSVOA_W

ClientSampleId :

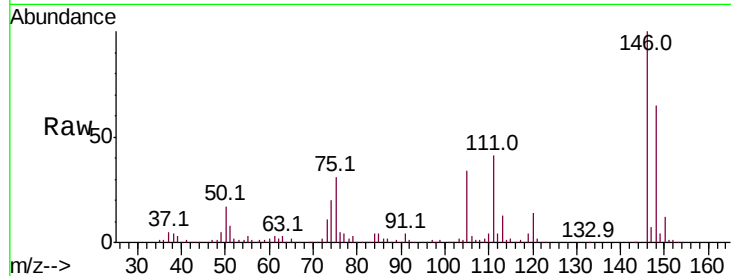
Tot Ion:146 Resp: 82676

Ion Ratio Lower Upper

146 100

111 41.2 21.0 63.0

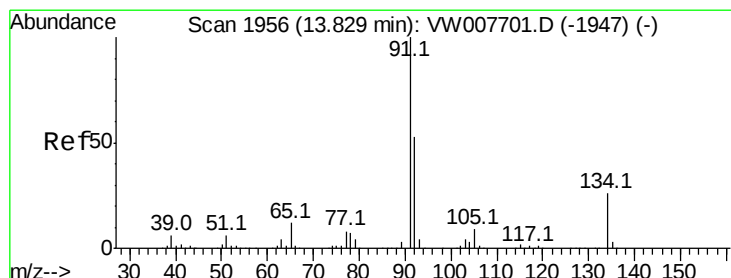
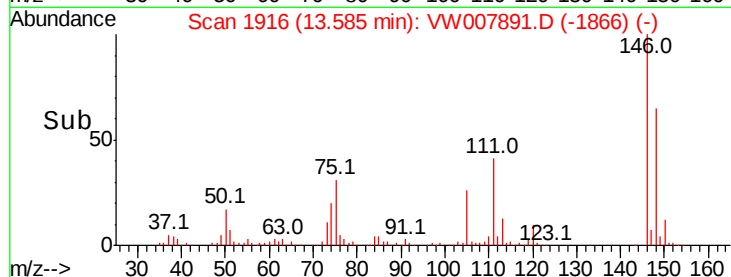
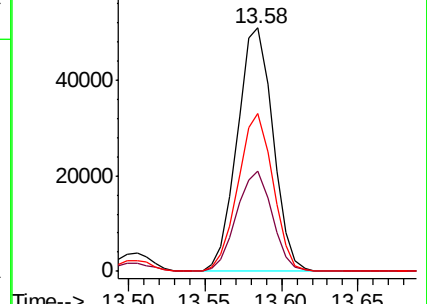
148 63.6 31.8 95.4



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: 2.927 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007891.D

Acq: 24 Dec 2018 16:17

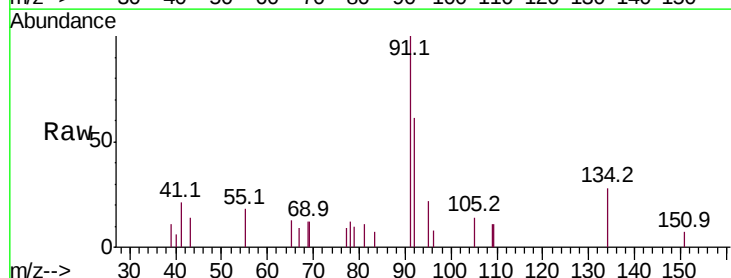
Tgt Ion: 91 Resp: 1566

Ion Ratio Lower Upper

91 100

92 40.0 26.4 79.2

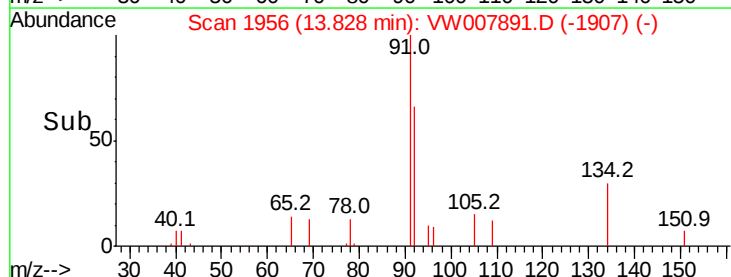
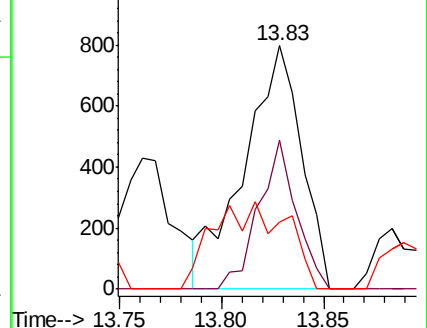
134 0.0 13.7 41.0#

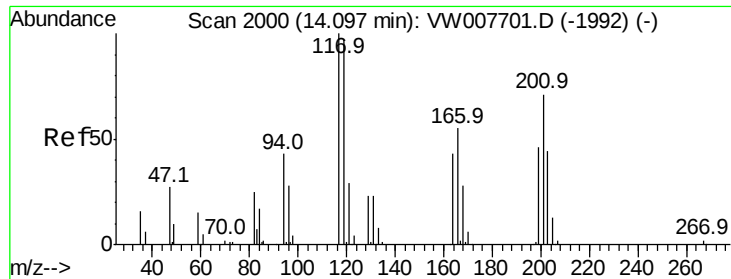


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

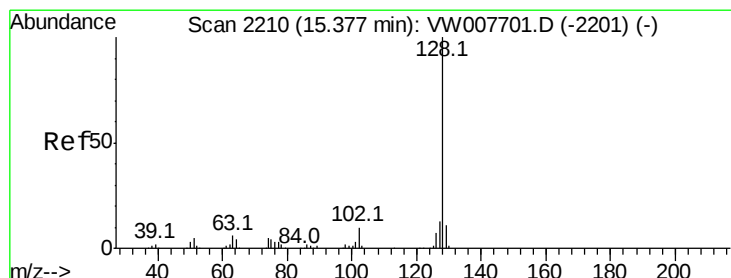
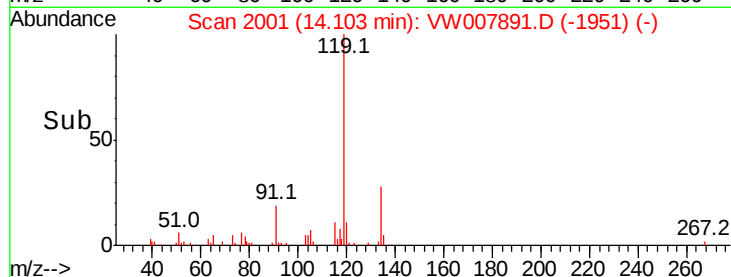
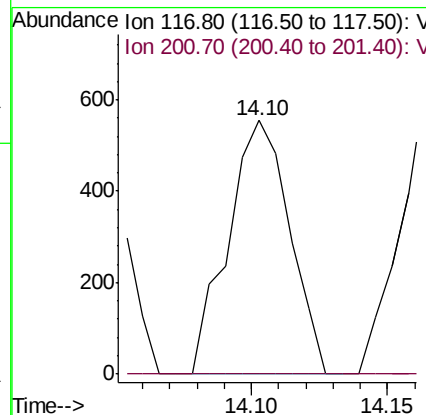
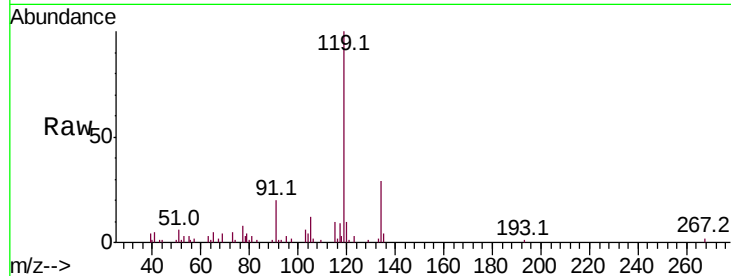




#90
Hexachloroethane
Concen: 8.483 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW007891.D
Acq: 24 Dec 2018 16:17

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 869
Ion Ratio Lower Upper
117 100
201 0.0 36.2 108.6#



#95
Naphthalene
Concen: 13.076 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007891.D
Acq: 24 Dec 2018 16:17

Tgt Ion:128 Resp: 4206
Ion Ratio Lower Upper
128 100
127 11.8 10.7 16.1
129 11.2 8.8 13.2

