

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122218\
 Data File : VW007792.D
 Acq On : 21 Dec 2018 13:34
 Operator : SY/AP
 Sample : J6426-04
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 16:49:54 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	25590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	46616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	15316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3557	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	25636	91.40	ug/l	0.00
Spiked Amount			Recovery	=	182.80%	
35) Dibromofluoromethane	7.88	113	19254	67.70	ug/l	0.00
Spiked Amount			Recovery	=	135.40%	
50) Toluene-d8	10.32	98	18699	17.44	ug/l	0.00
Spiked Amount			Recovery	=	34.88%	
62) 4-Bromofluorobenzene	12.62	95	4679	11.30	ug/l	0.00
Spiked Amount			Recovery	=	22.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	41	2.167	ug/l #	73
16) Acetone	4.12	43	2796	53.235	ug/l #	88
18) Methyl Acetate	4.67	43	1596	12.777	ug/l #	81
20) Methylene Chloride	4.90	84	3291	7.122	ug/l #	85
25) 2-Butanone	7.17	43	672	10.923	ug/l #	44
26) 2,2-Dichloropropane	7.15	77	495	1.483	ug/l #	53
31) Cyclohexane	7.95	56	469	1.123	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	1996	4.436	ug/l #	46
37) Ethyl Acetate	7.17	43	672	4.328	ug/l #	68
38) Carbon Tetrachloride	7.95	117	2727	5.146	ug/l #	15
43) Isopropyl Acetate	8.56	43	1266	4.070	ug/l #	49
51) 4-Methyl-2-Pentanone	10.21	43	448	3.047	ug/l #	71
52) Toluene	10.38	92	2389	2.966	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	5411	23.934	ug/l #	21
56) Ethyl methacrylate	10.66	69	2109	7.896	ug/l #	3
59) 2-Hexanone	10.93	43	1134	10.968	ug/l #	24
67) Ethyl Benzene	11.73	91	982	1.726	ug/l	99
68) m/p-Xylenes	11.84	106	1583	7.174	ug/l	100
69) o-Xylene	12.17	106	730	3.529	ug/l	83
74) N-amyl acetate	12.26	43	1343	28.837	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.68	83	309	7.665	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	2274	82.714	ug/l #	100
78) n-propylbenzene	12.80	91	337	1.077	ug/l #	52
80) 1,3,5-Trimethylbenzene	12.94	105	1638	7.063	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.62	75	2274	173.623	ug/l #	16
83) tert-Butylbenzene	13.44	119	1461	7.180	ug/l	81
84) 1,2,4-Trimethylbenzene	13.26	105	3632	15.520	ug/l	96
85) sec-Butylbenzene	13.39	105	1036	3.694	ug/l	88
86) p-Isopropyltoluene	13.50	119	648	2.541	ug/l	95
89) n-Butylbenzene	13.79	91	895	3.828	ug/l #	1
90) Hexachloroethane	14.10	117	249	5.562	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.46	75	98	11.838	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.15	180	177	2.328	ug/l #	1
95) Naphthalene	15.37	128	3200	22.763	ug/l	96

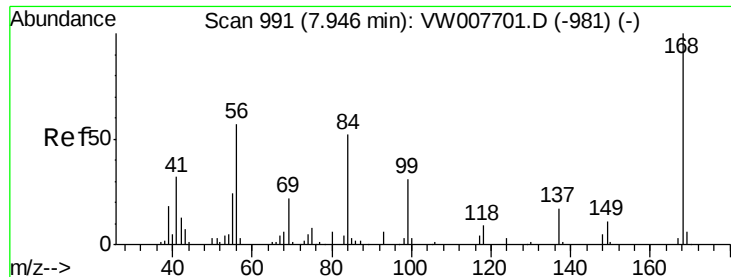
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122218\
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.56	180	118	1.813	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007792.D

Acq: 21 Dec 2018 13:34

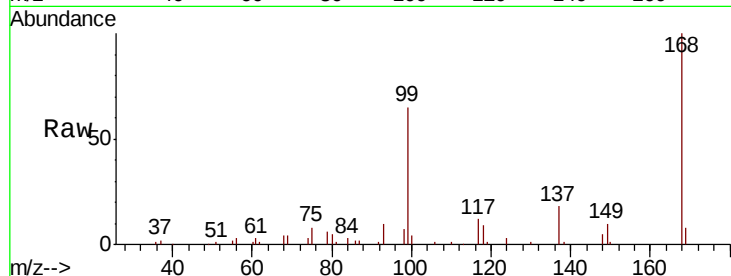
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 25590

Ion Ratio Lower Upper

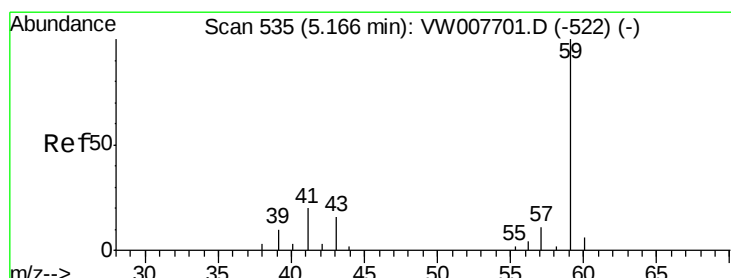
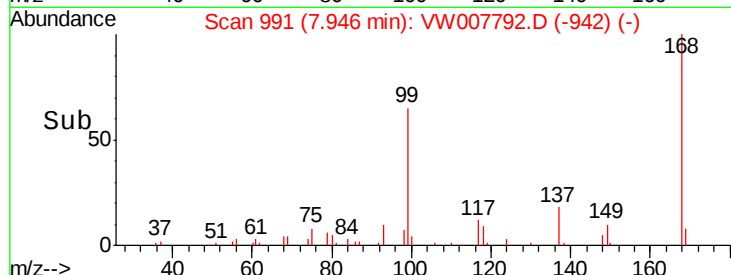
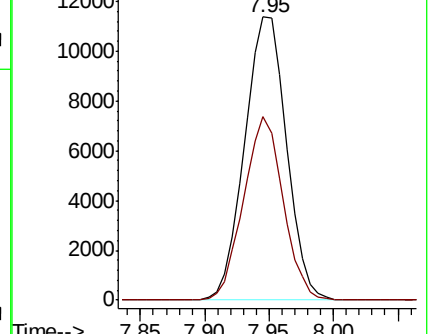
168 100

99 65.0 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.167 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW007792.D

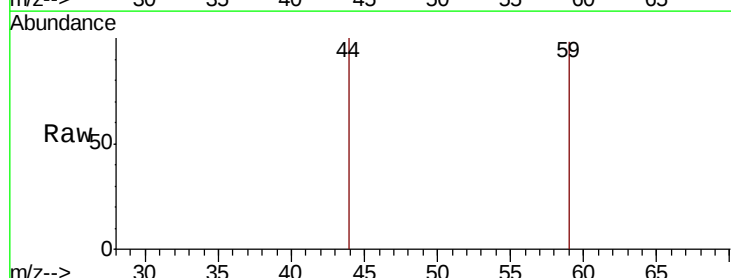
Acq: 21 Dec 2018 13:34

Tgt Ion: 59 Resp: 41

Ion Ratio Lower Upper

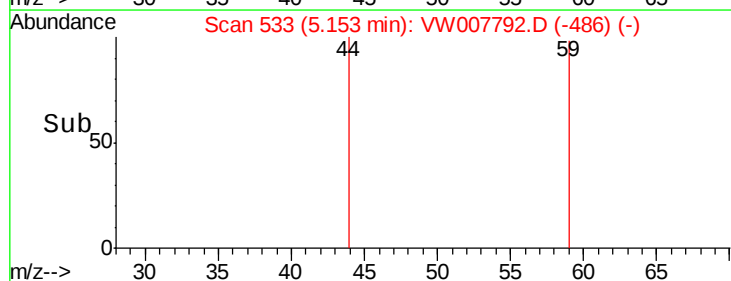
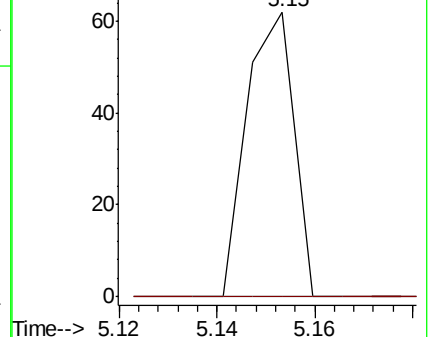
59 100

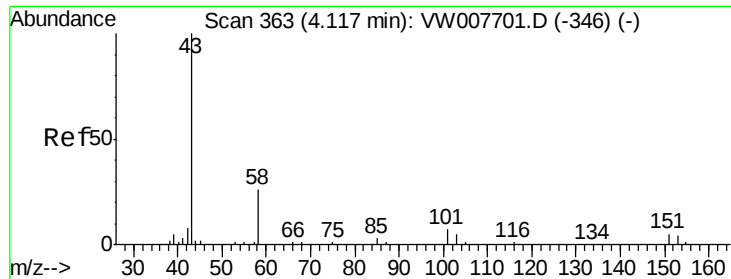
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 53.235 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007792.D

Acq: 21 Dec 2018 13:34

Instrument :

MSVOA_W

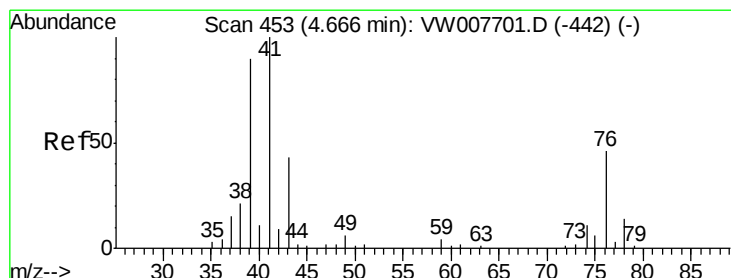
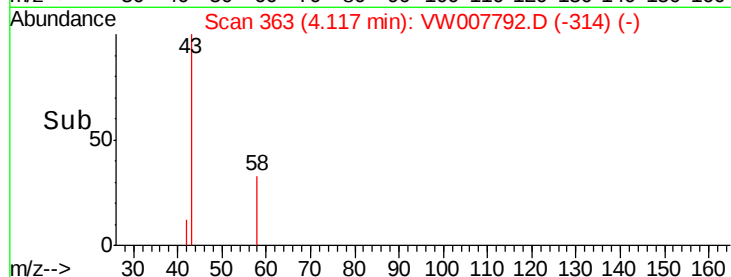
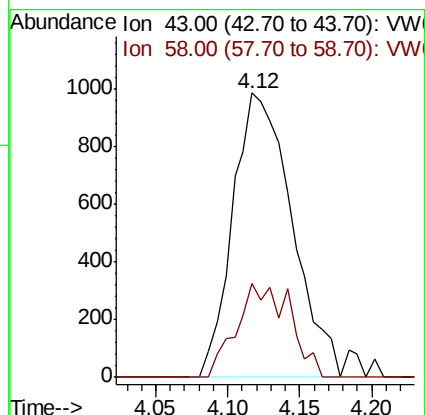
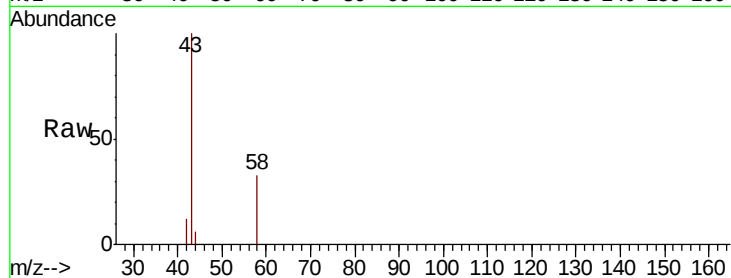
ClientSampleId :

Tot Ion: 43 Resp: 2796

Ion Ratio Lower Upper

43 100

58 32.9 21.2 31.8#



#18

Methyl Acetate

Concen: 12.777 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007792.D

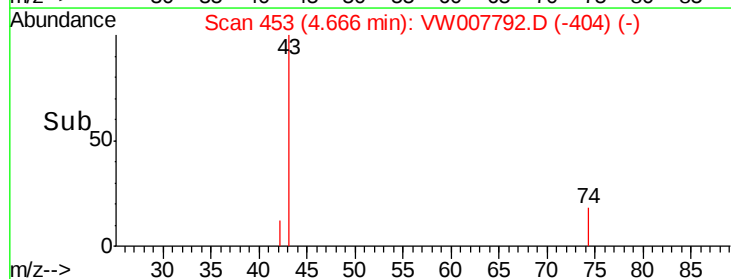
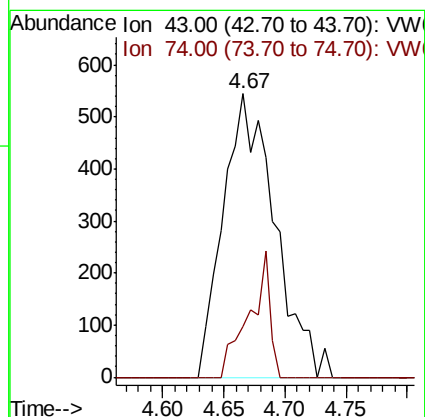
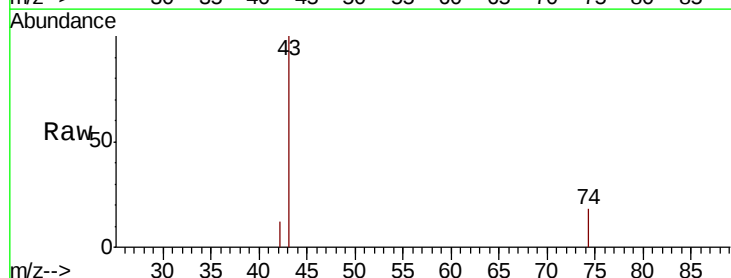
Acq: 21 Dec 2018 13:34

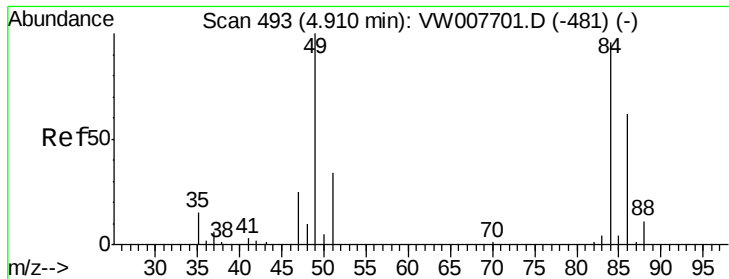
Tgt Ion: 43 Resp: 1596

Ion Ratio Lower Upper

43 100

74 18.2 22.7 34.1#

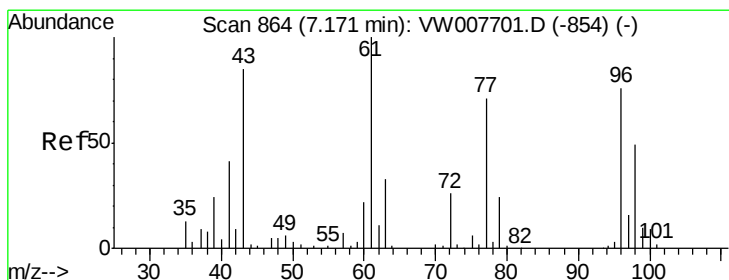
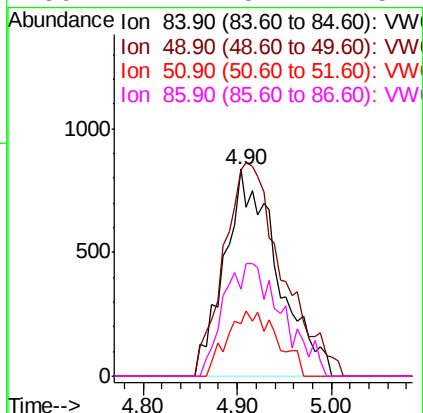
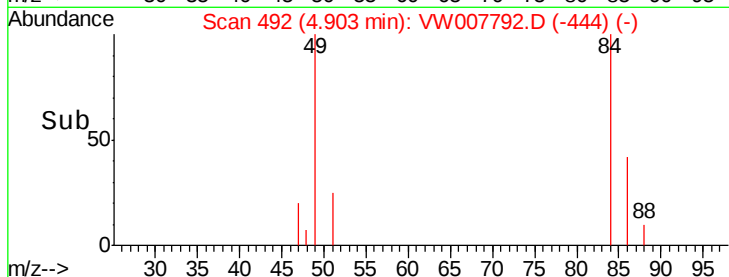
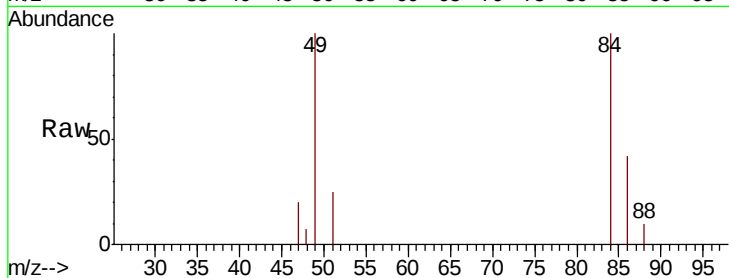




#20
Methvlene Chloride
Concen: 7.122 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

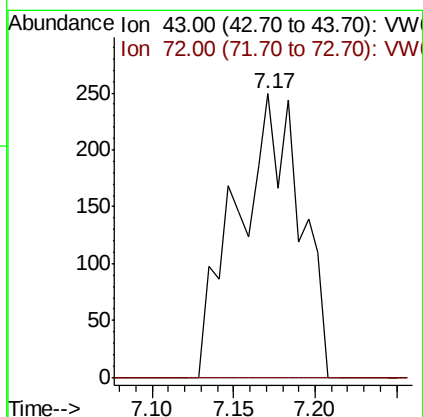
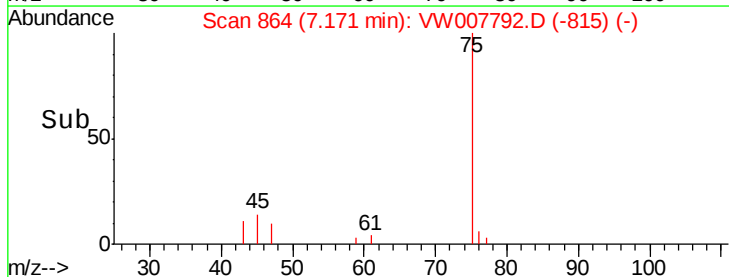
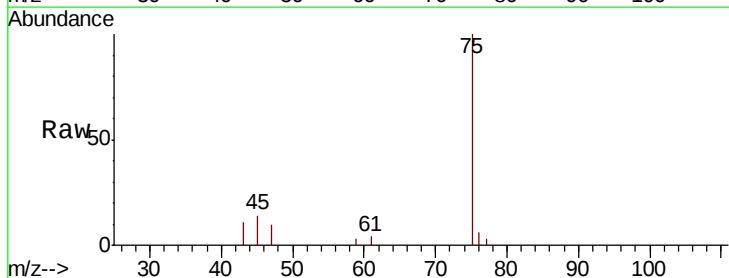
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MSVOA_W
ClientSampleId :

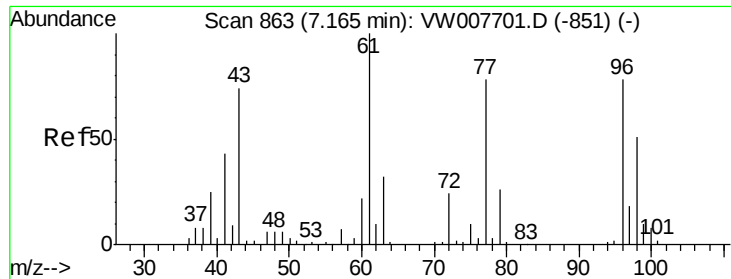
Tot Ion: 84 Resp: 3291
Ion Ratio Lower Upper
84 100
49 99.8 83.7 125.5
51 25.2 28.2 42.2#
86 42.2 52.2 78.2#



#25
2-Butanone
Concen: 10.923 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
72 0.0 24.5 36.7#





#26

2,2-Dichloropropane

Concen: 1.483 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007792.D

Acq: 21 Dec 2018 13:34

Instrument :

MSVOA_W

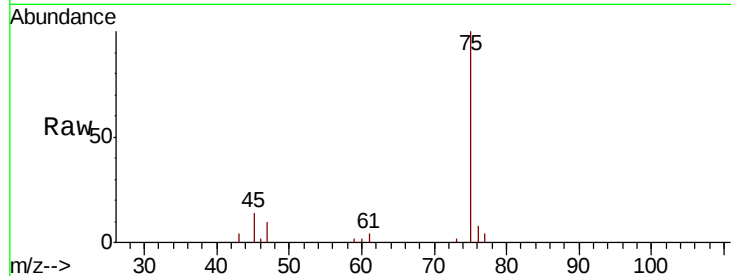
ClientSampleId :

Tot Ion: 77 Resp: 495

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

7.15

200

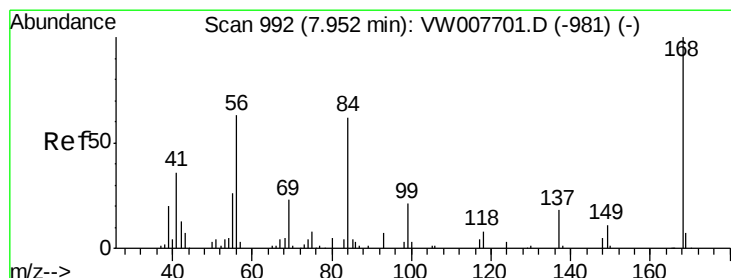
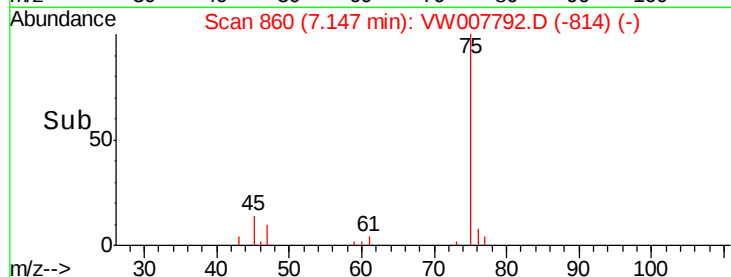
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 1.123 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007792.D

Acq: 21 Dec 2018 13:34

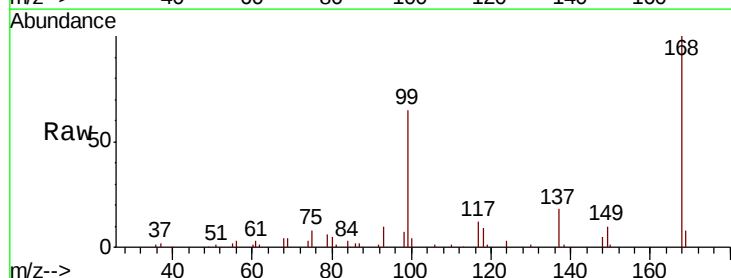
Tgt Ion: 56 Resp: 469

Ion Ratio Lower Upper

56 100

69 176.2 29.7 44.5#

84 138.5 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

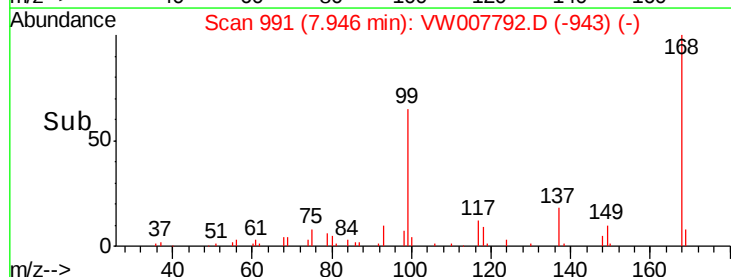
600

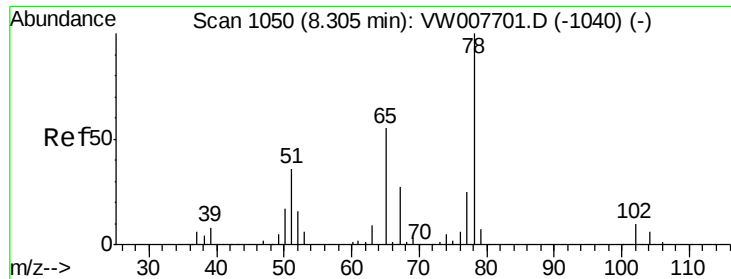
400

200

0

Time-->

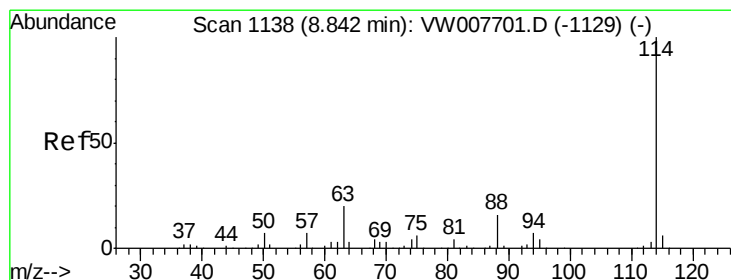
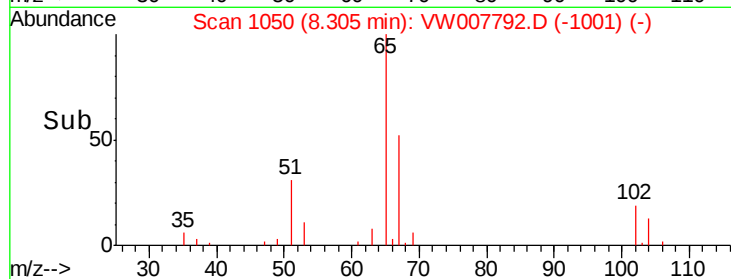
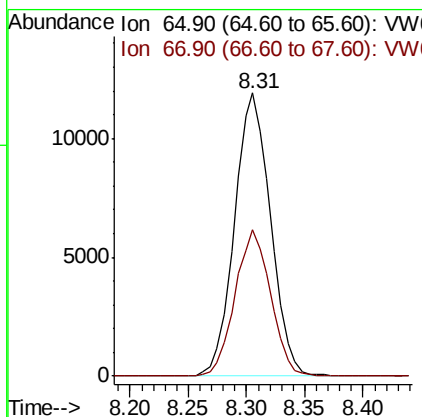
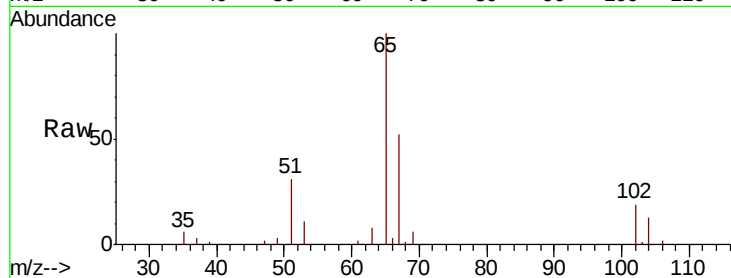




#33
 1,2-Dichloroethane-d4
 Concen: 91.401 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007792.D
 Acq: 21 Dec 2018 13:34

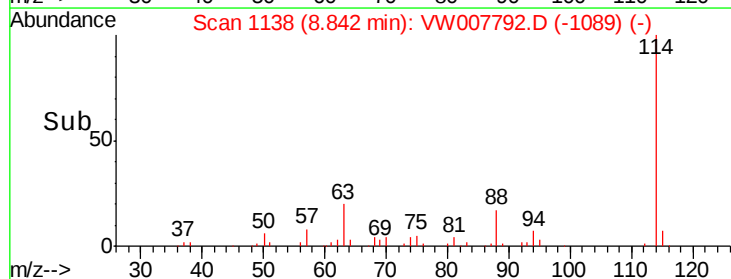
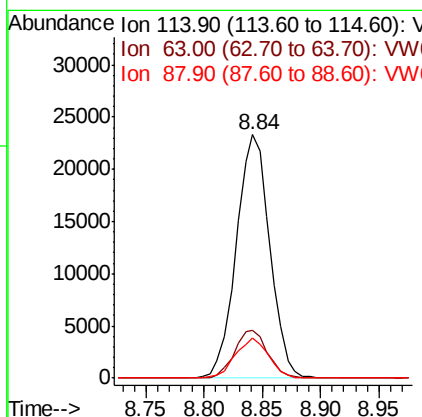
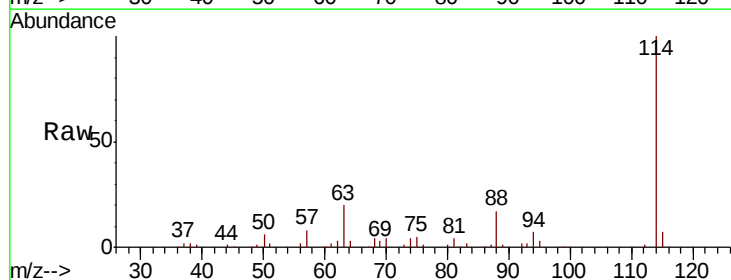
Instrument :
 MSVOA_W
 ClientSampleId :

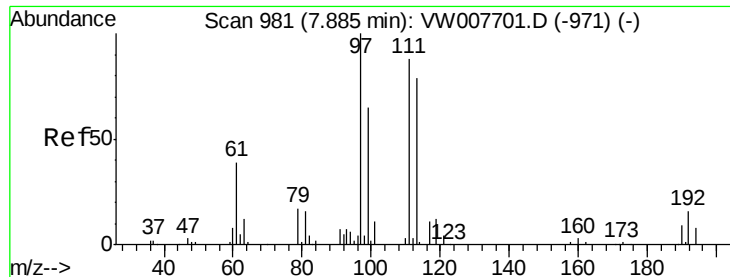
Tot Ion: 65 Resp: 25636
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007792.D
 Acq: 21 Dec 2018 13:34

Tgt Ion: 114 Resp: 46616
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 16.5 0.0 32.6

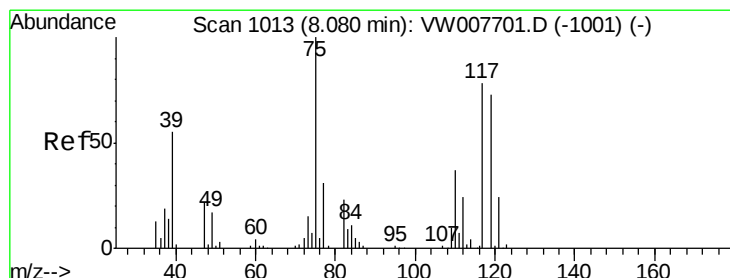
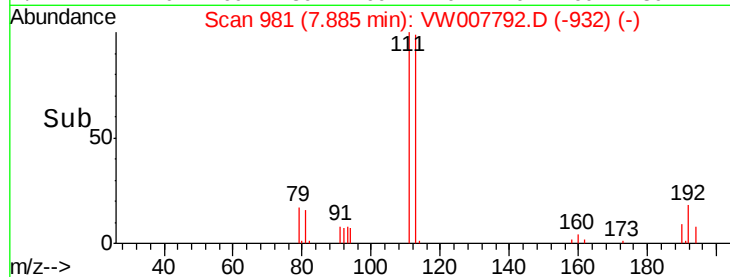
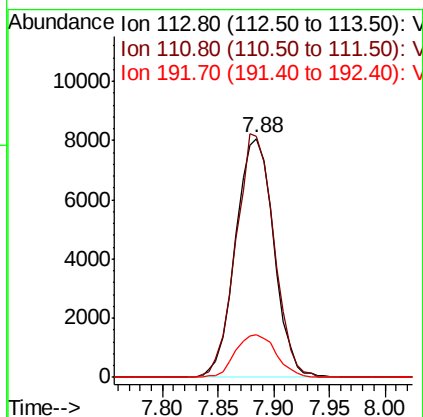
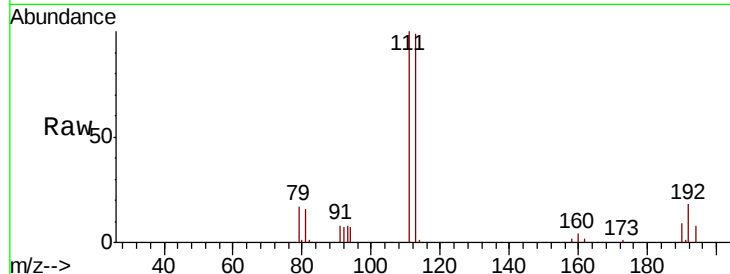




#35
 Dibromofluoromethane
 Concen: 67.705 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007792.D
 Acq: 21 Dec 2018 13:34

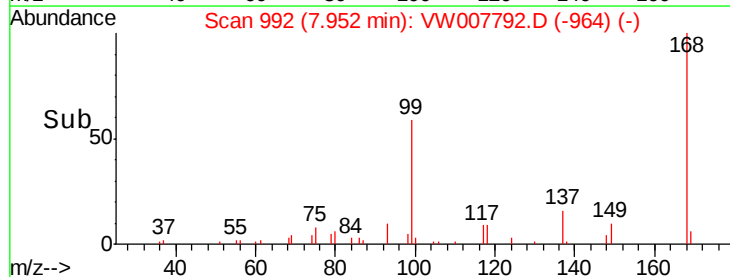
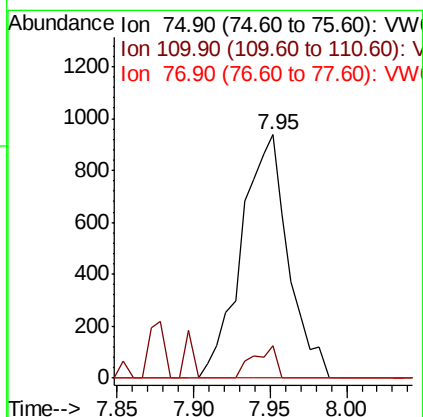
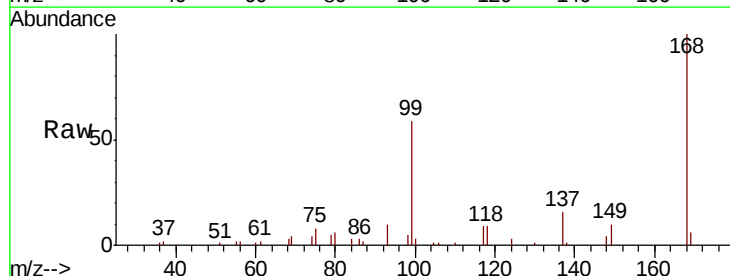
Instrument :
 MSVOA_W
 ClientSampled :

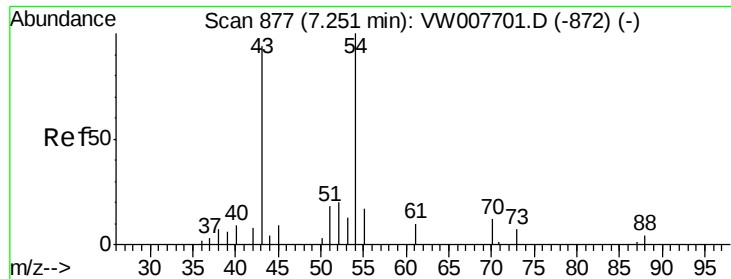
Tot Ion:113 Resp: 19254
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.6 124.0
 192 19.0 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 4.436 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007792.D
 Acq: 21 Dec 2018 13:34

Tgt Ion: 75 Resp: 1996
 Ion Ratio Lower Upper
 75 100
 110 6.6 18.6 55.8#
 77 0.0 25.0 37.4#

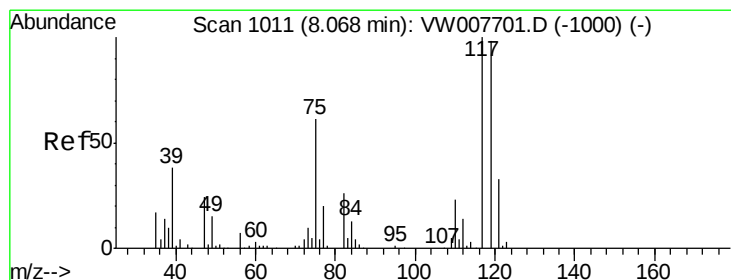
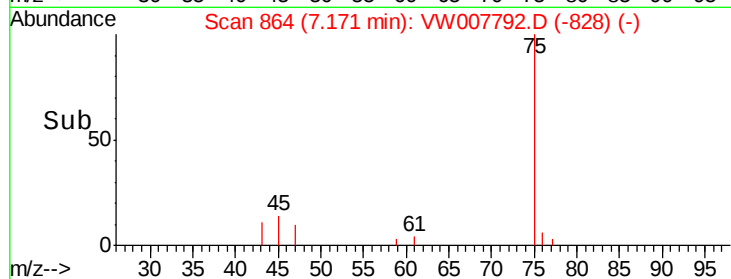
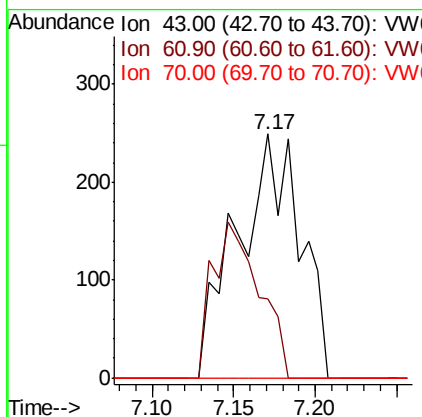
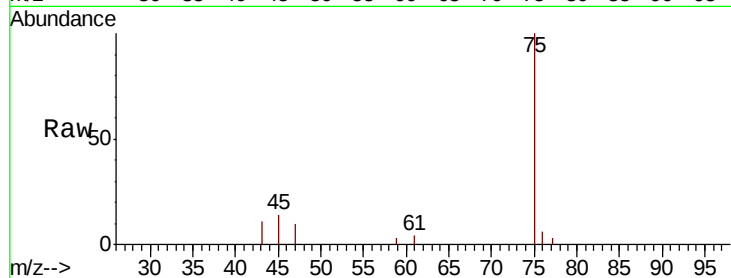




#37
Ethyl Acetate
Concen: 4.328 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.08 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

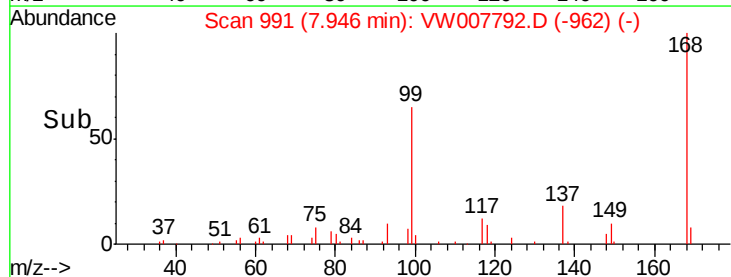
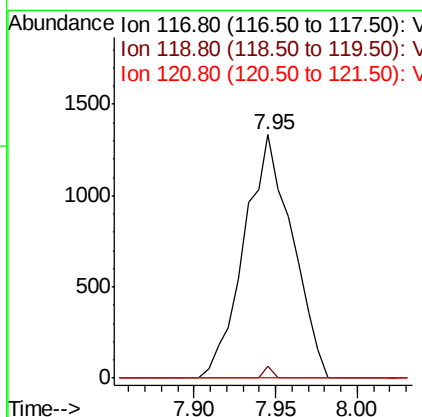
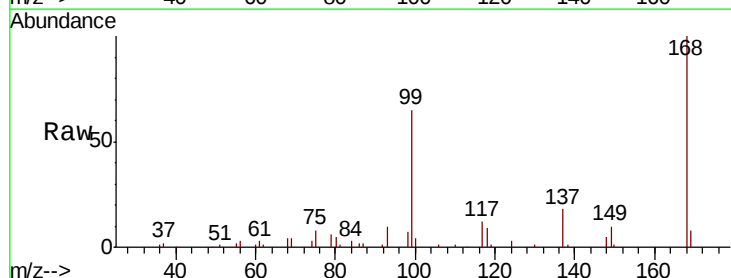
Instrument :
MSVOA_W
ClientSampleId :

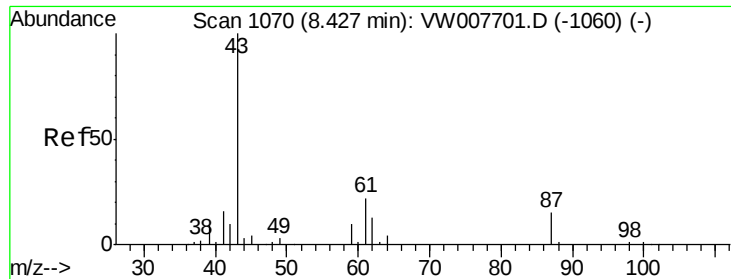
Tot Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.146 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion: 117 Resp: 2727
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 26.1 39.1#





#43

Isopropyl Acetate

Concen: 4.070 ug/l

RT: 8.56 min Scan# 1091

Delta R.T. 0.13 min

Lab File: VW007792.D

Acq: 21 Dec 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

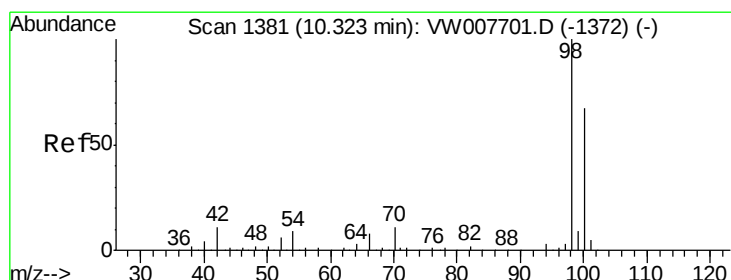
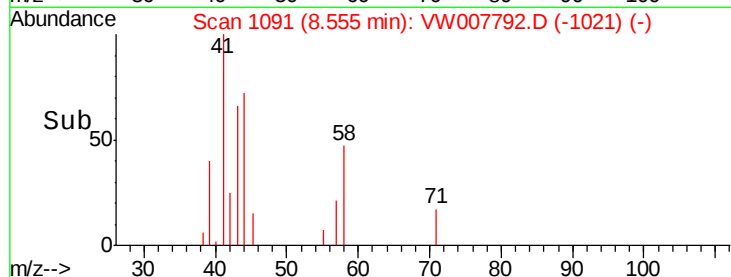
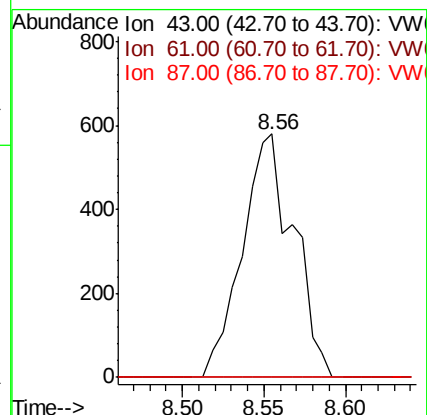
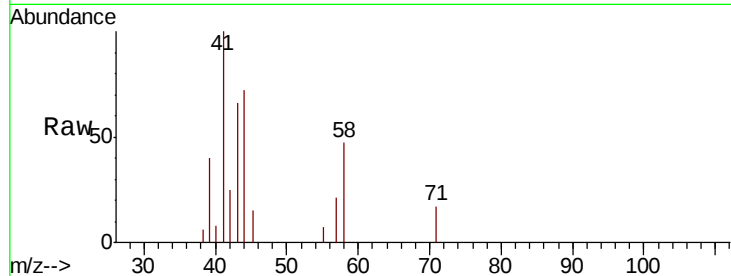
Tot Ion: 43 Resp: 1266

Ion Ratio Lower Upper

43 100

61 0.0 26.3 39.5#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 17.442 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007792.D

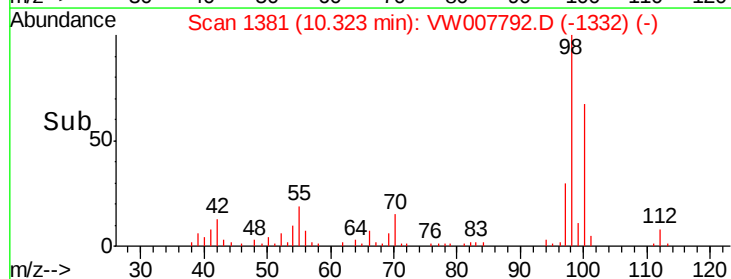
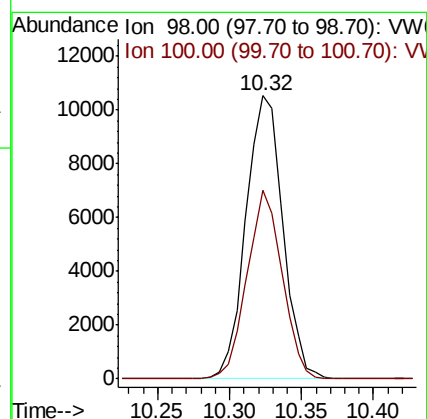
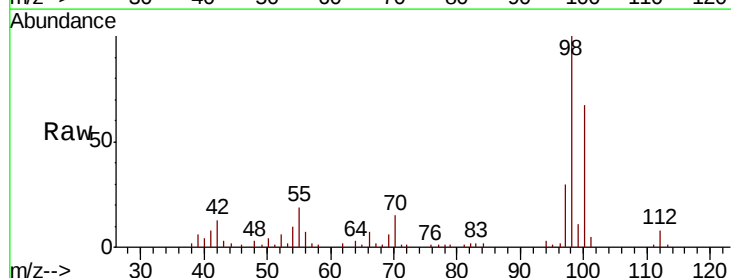
Acq: 21 Dec 2018 13:34

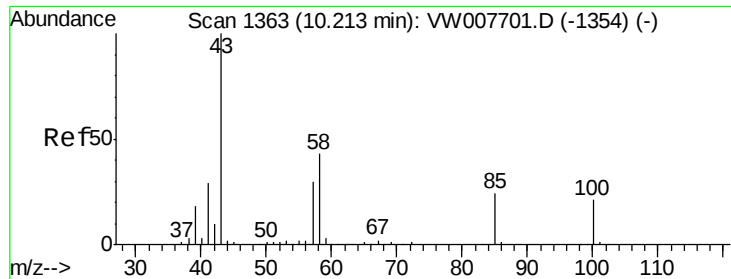
Tgt Ion: 98 Resp: 18699

Ion Ratio Lower Upper

98 100

100 63.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 3.047 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007792.D

Acq: 21 Dec 2018 13:34

Instrument :

MSVOA_W

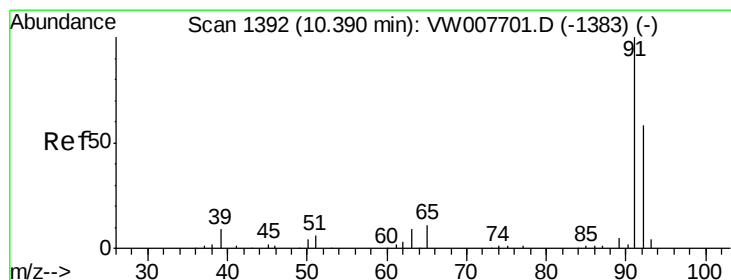
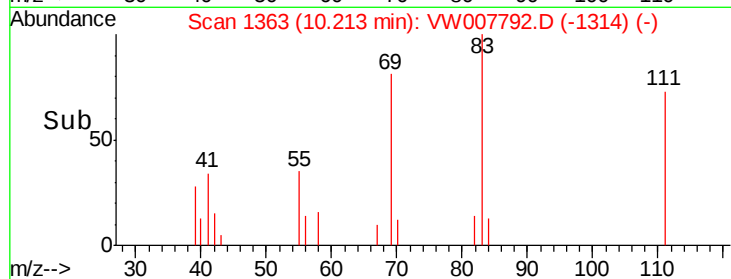
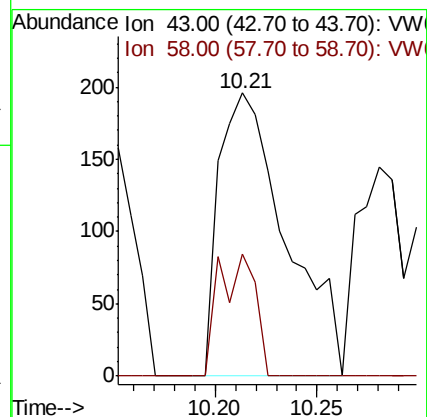
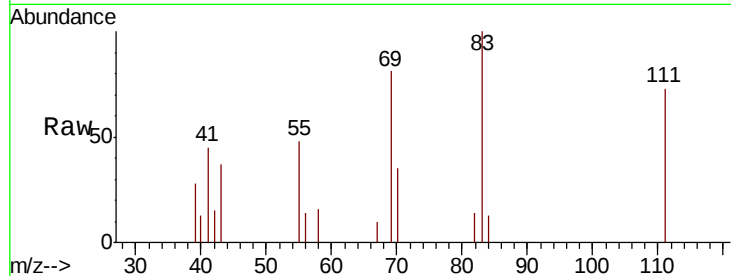
ClientSampled :

Tot Ion: 43 Resp: 448

Ion Ratio Lower Upper

43 100

58 23.0 33.2 49.8#



#52

Toluene

Concen: 2.966 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007792.D

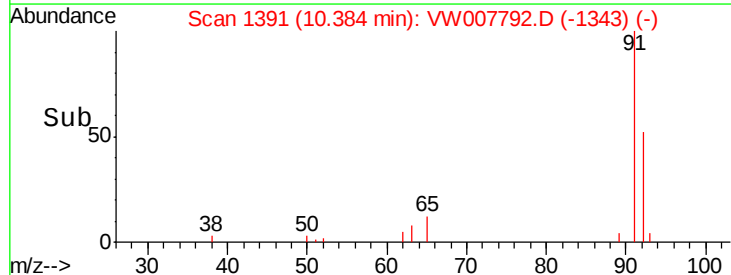
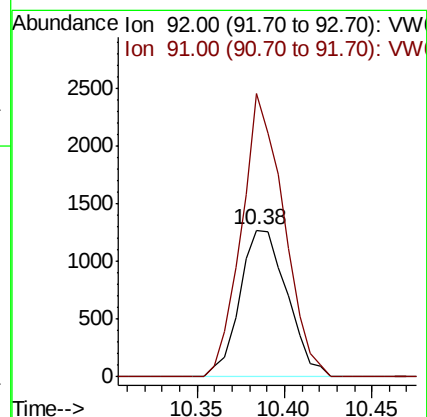
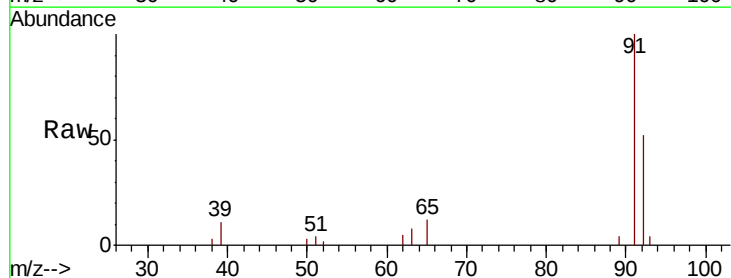
Acq: 21 Dec 2018 13:34

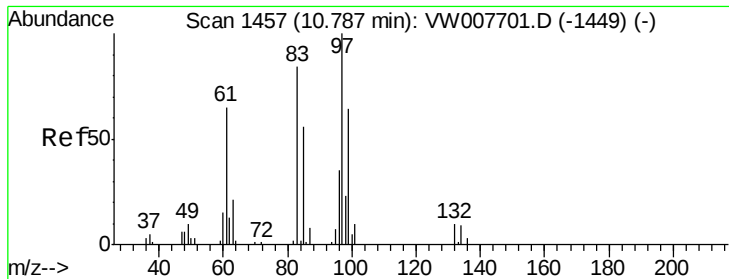
Tgt Ion: 92 Resp: 2389

Ion Ratio Lower Upper

92 100

91 172.3 137.0 205.4

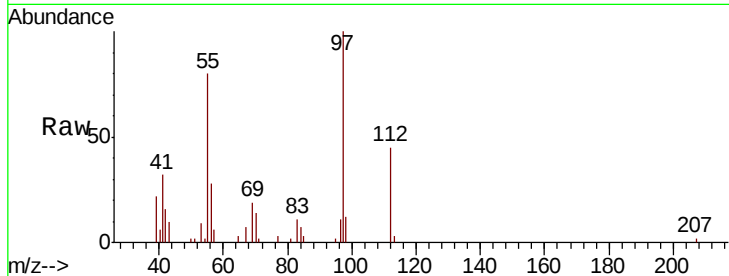




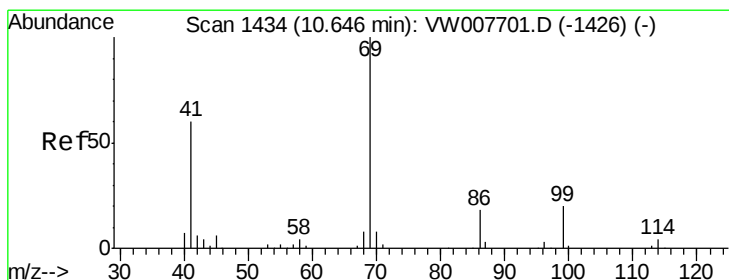
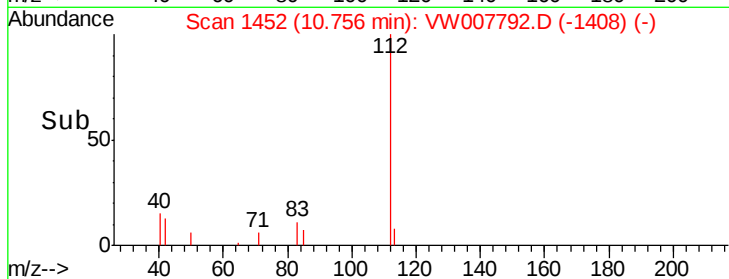
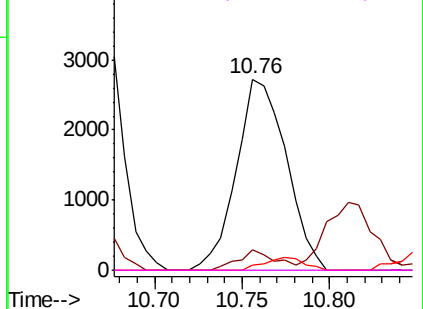
#55
 1,1,2-Trichloroethane
 Concen: 23.934 ug/l
 RT: 10.76 min Scan# 1452
 Delta R.T. -0.03 min
 Lab File: VW007792.D
 Acq: 21 Dec 2018 13:34

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 97 Resp: 5411
 Ion Ratio Lower Upper
 97 100
 83 11.0 67.5 101.3#
 85 2.6 44.8 67.2#
 99 0.0 51.0 76.4#

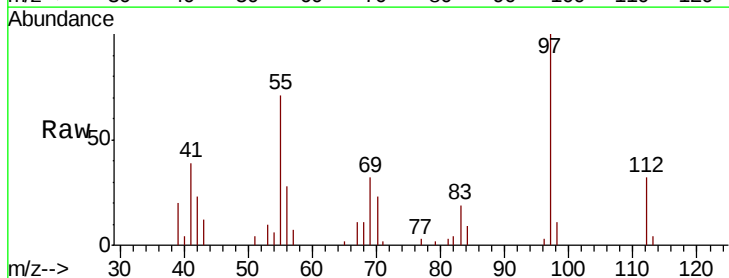


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

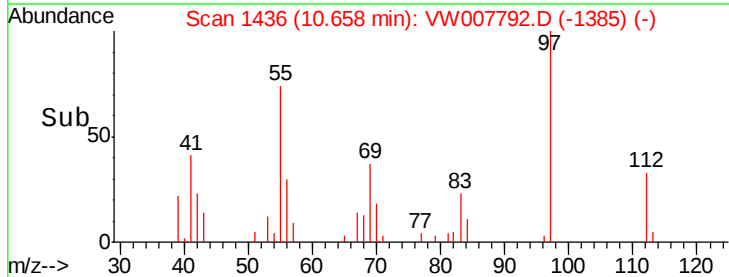
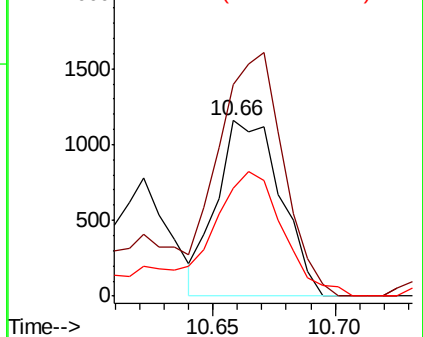


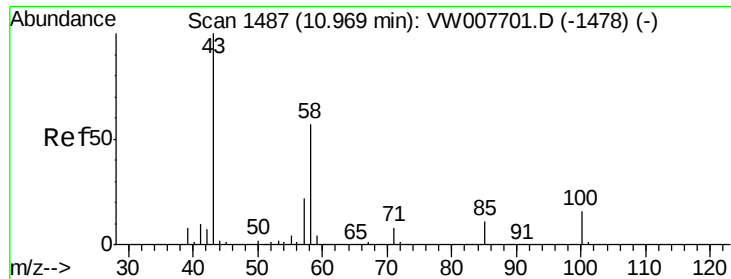
#56
 Ethyl methacrylate
 Concen: 7.896 ug/l
 RT: 10.66 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: VW007792.D
 Acq: 21 Dec 2018 13:34

Tgt Ion: 69 Resp: 2109
 Ion Ratio Lower Upper
 69 100
 41 139.6 48.9 73.3#
 39 92.2 31.3 46.9#



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: 10.968 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW007792.D

Acq: 21 Dec 2018 13:34

Instrument :

MSVOA_W

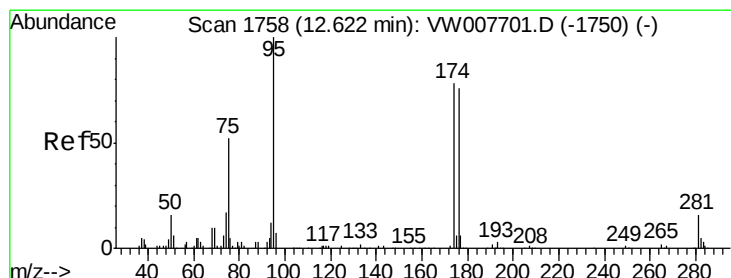
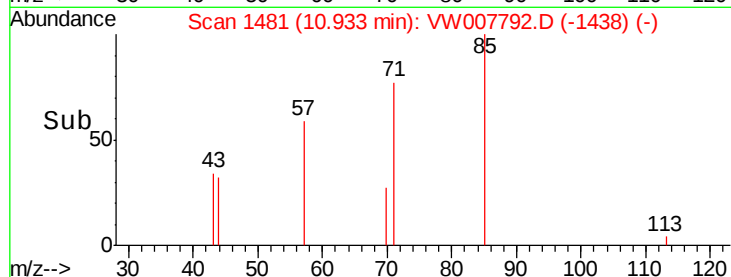
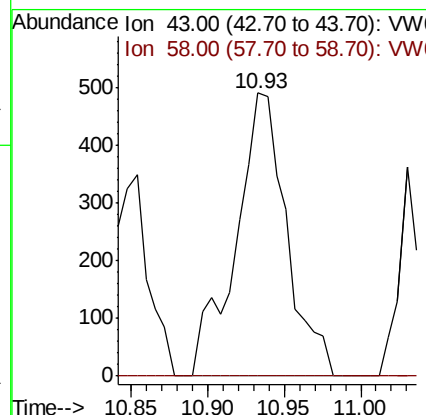
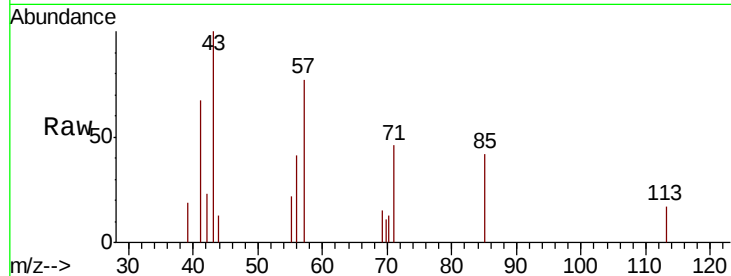
ClientSampleId :

Tot Ion: 43 Resp: 1134

Ion Ratio Lower Upper

43 100

58 0.0 27.7 83.1#



#62

4-Bromofluorobenzene

Concen: 11.297 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007792.D

Acq: 21 Dec 2018 13:34

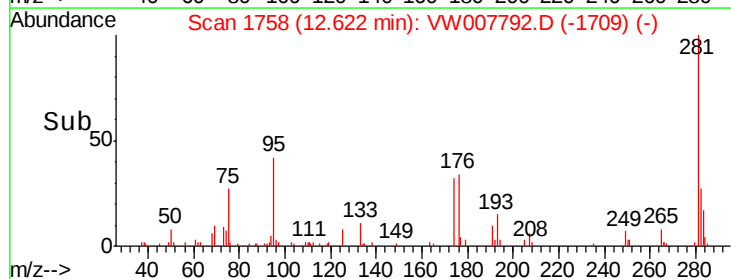
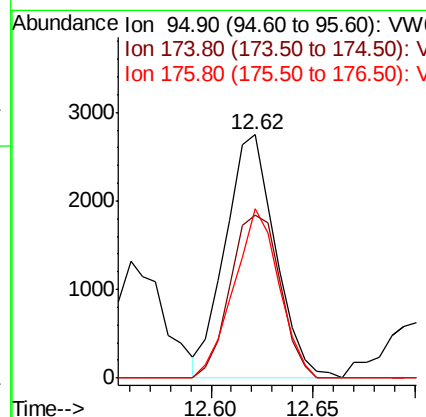
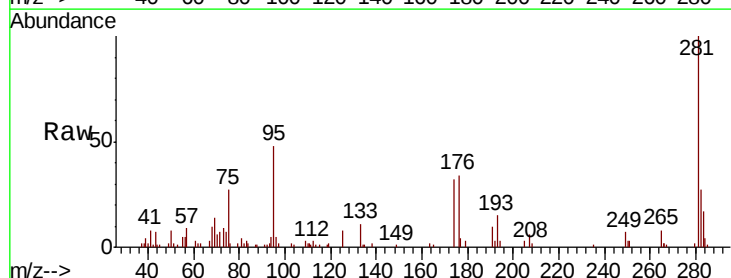
Tgt Ion: 95 Resp: 4679

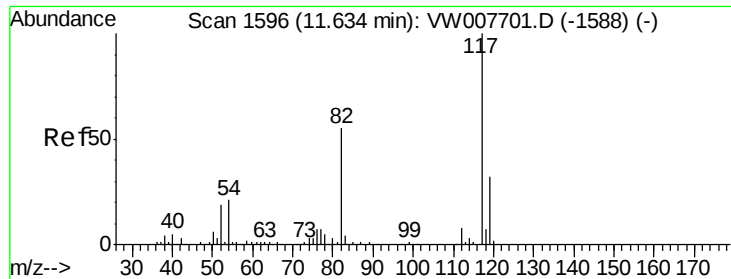
Ion Ratio Lower Upper

95 100

174 66.9 0.0 152.2

176 62.8 0.0 146.8

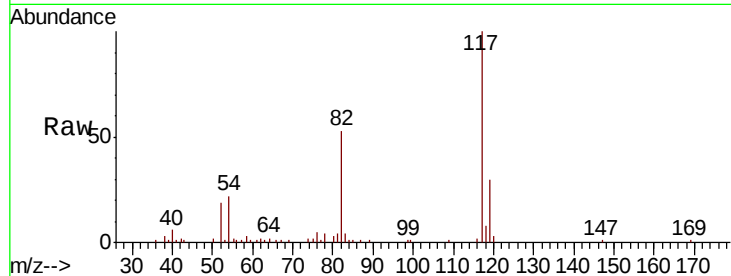




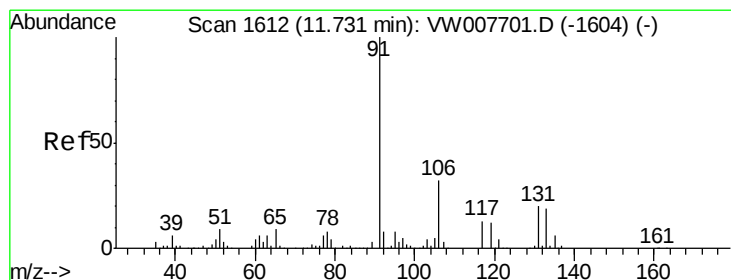
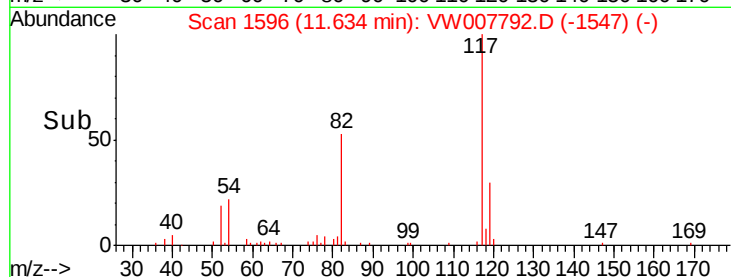
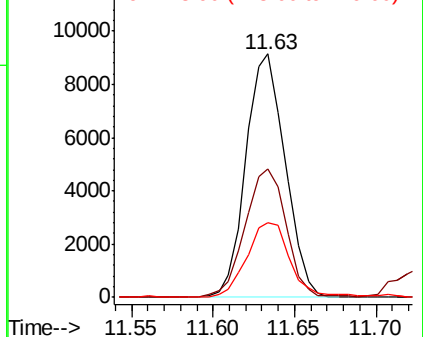
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 15316
Ion Ratio Lower Upper
117 100
82 52.8 44.3 66.5
119 30.5 25.7 38.5

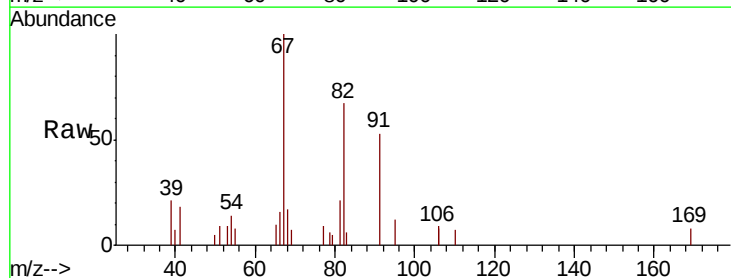


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

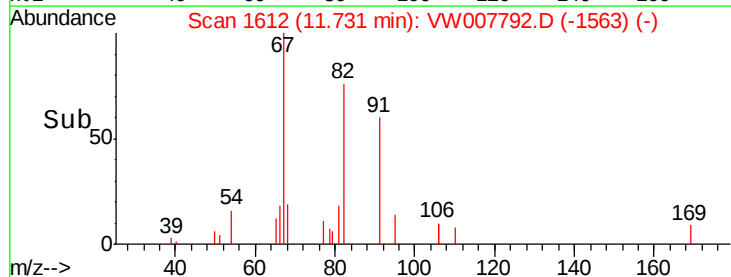
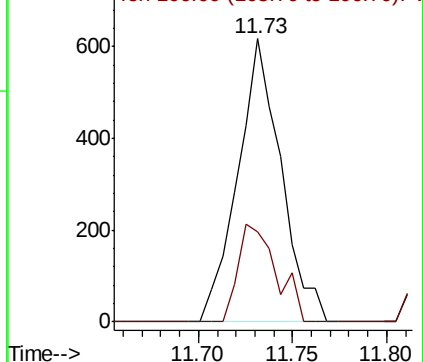


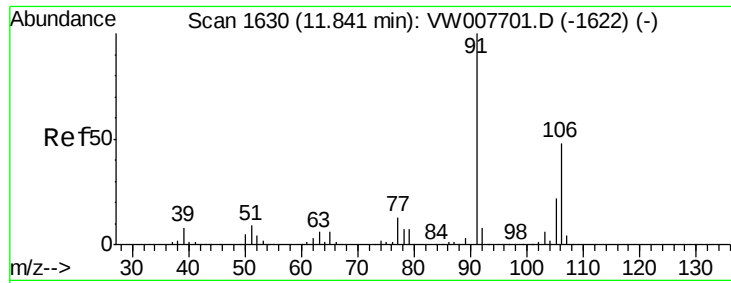
#67
Ethyl Benzene
Concen: 1.726 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion: 91 Resp: 982
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.8



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

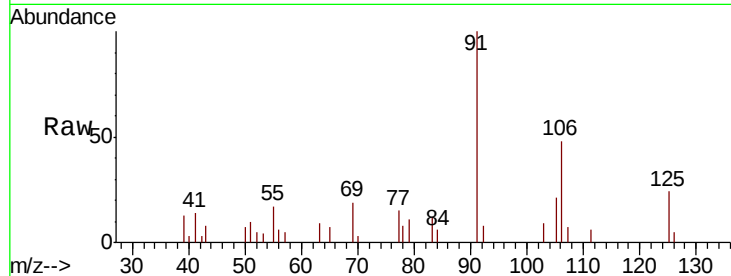




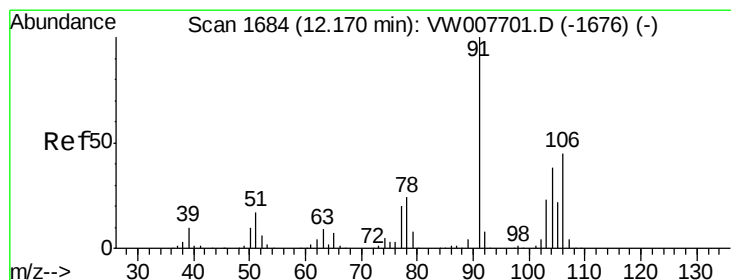
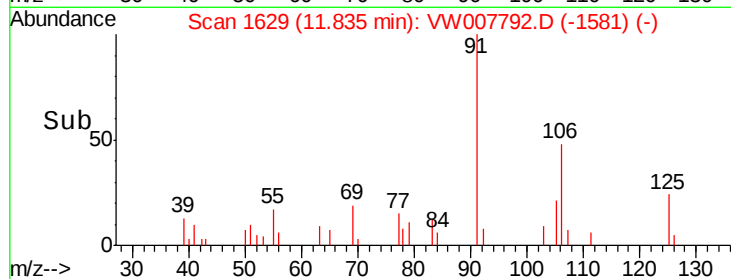
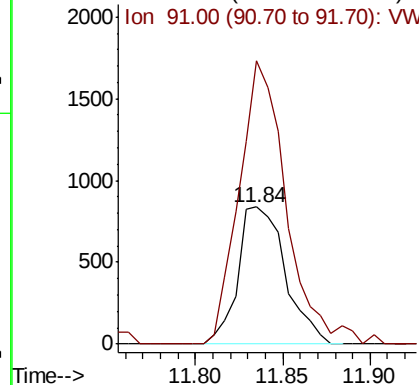
#68
m/p-Xylenes
Concen: 7.174 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 1583
Ion Ratio Lower Upper
106 100
91 206.4 165.2 247.8

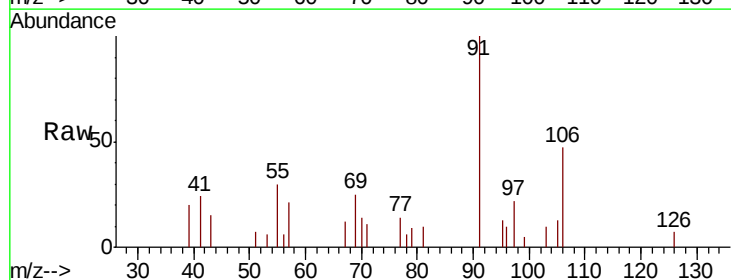


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

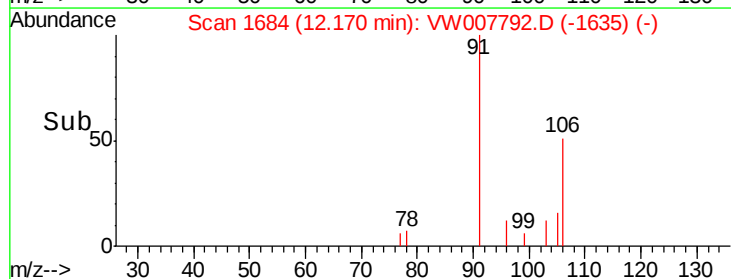
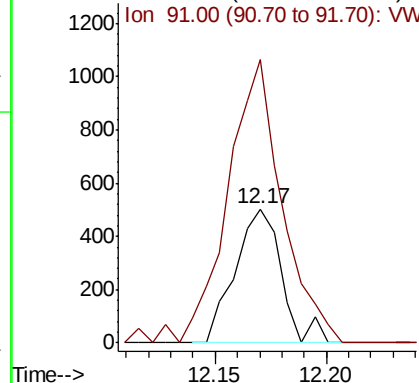


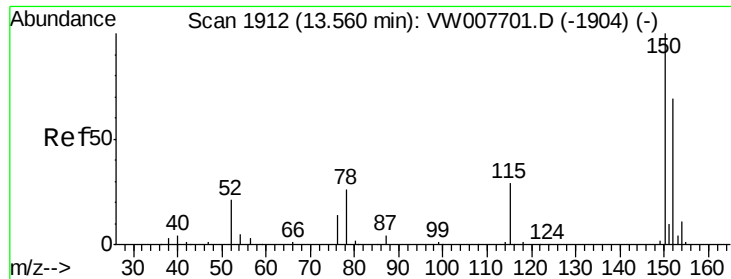
#69
o-Xylene
Concen: 3.529 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion:106 Resp: 730
Ion Ratio Lower Upper
106 100
91 247.5 110.5 331.4



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007792.D

Acq: 21 Dec 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

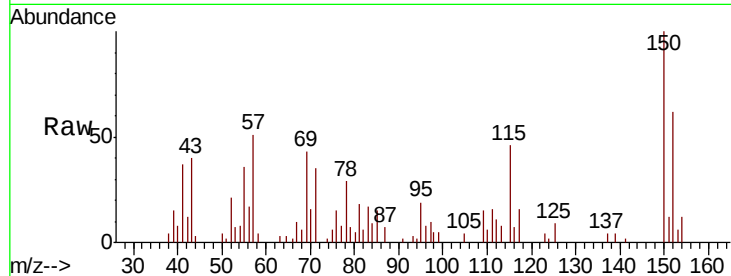
Tot Ion:152 Resp: 3557

Ion Ratio Lower Upper

152 100

115 63.0 31.8 95.4

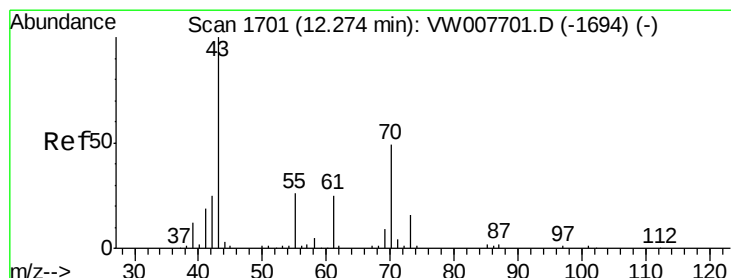
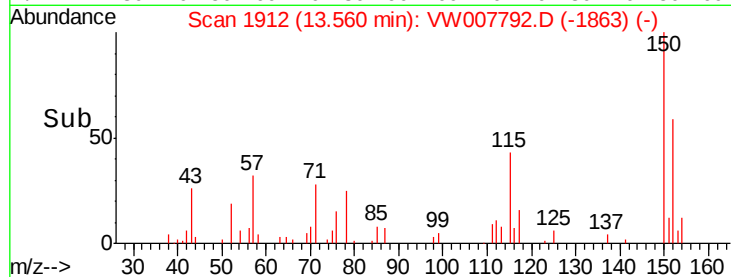
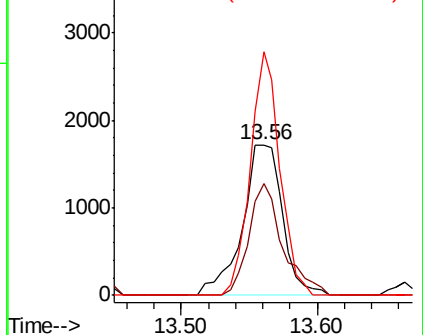
150 119.2 0.0 350.8



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



#74

N-ethyl acetate

Concen: 28.837 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007792.D

Acq: 21 Dec 2018 13:34

Tgt Ion: 43 Resp: 1343

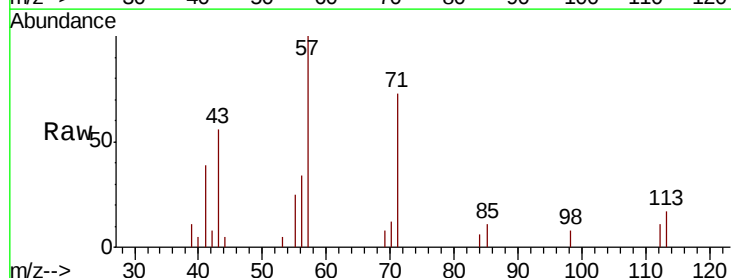
Ion Ratio Lower Upper

43 100

70 0.0 37.6 56.4#

55 0.0 21.7 32.5#

61 0.0 20.1 30.1#

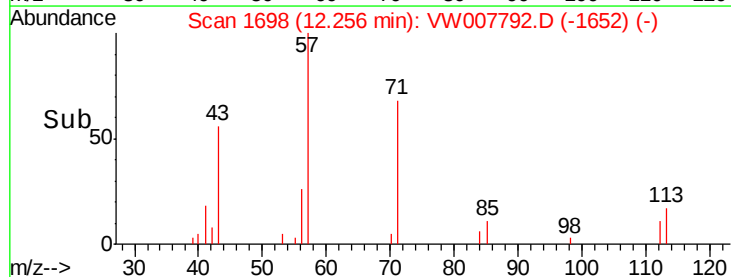
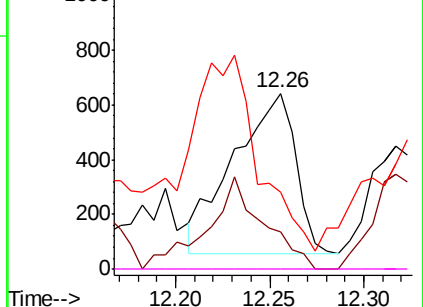


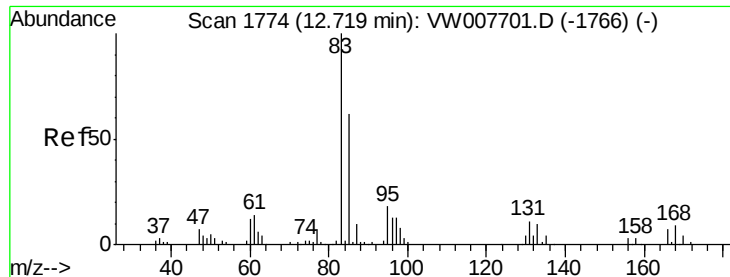
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 7.665 ug/l

RT: 12.68 min Scan# 1768

Delta R.T. -0.04 min

Lab File: VW007792.D

Acq: 21 Dec 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

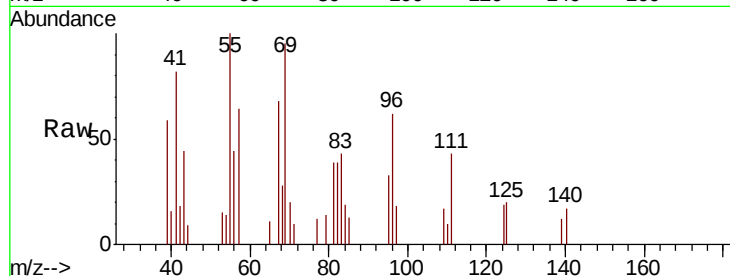
Tot Ion: 83 Resp: 309

Ion Ratio Lower Upper

83 100

131 0.0 6.3 18.8#

85 194.8 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

12.68

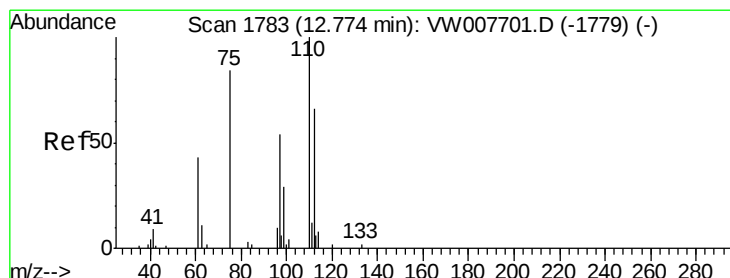
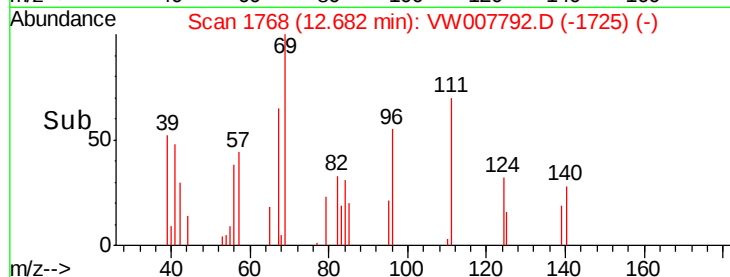
300

200

100

0

Time--> 12.64 12.66 12.68 12.70



#76

1,2,3-Trichloropropane

Concen: 82.714 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007792.D

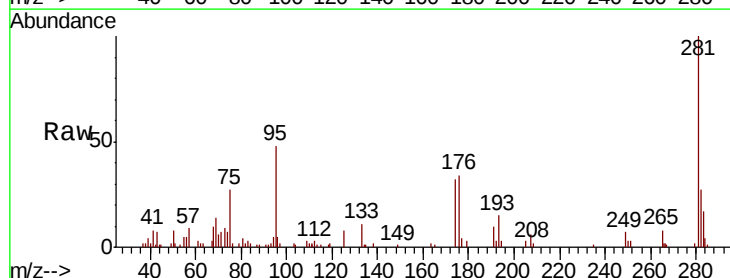
Acq: 21 Dec 2018 13:34

Tgt Ion: 75 Resp: 2274

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

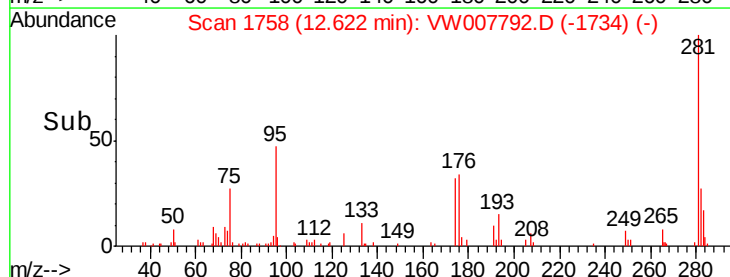
1500

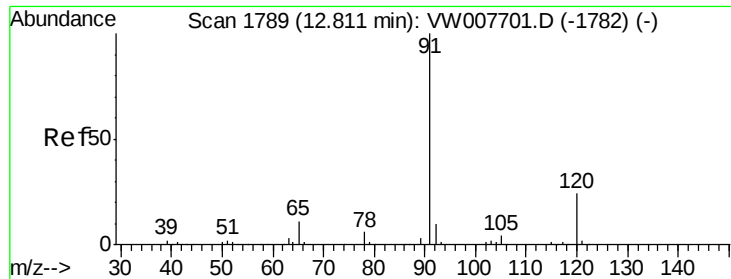
1000

500

0

Time--> 12.55 12.60 12.65





#78

n-propylbenzene

Concen: 1.077 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007792.D

Acq: 21 Dec 2018 13:34

Instrument :

MSVOA_W

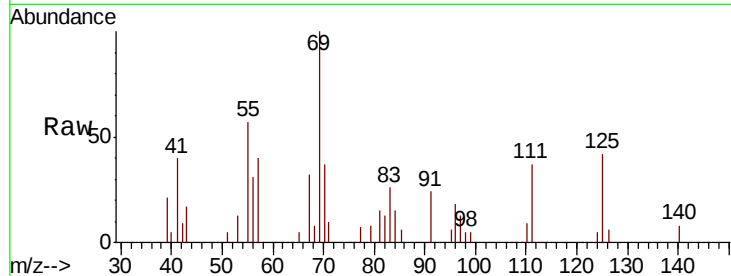
ClientSampled :

Tot Ion: 91 Resp: 337

Ion Ratio Lower Upper

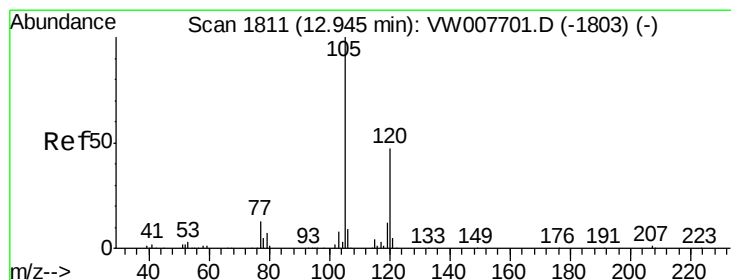
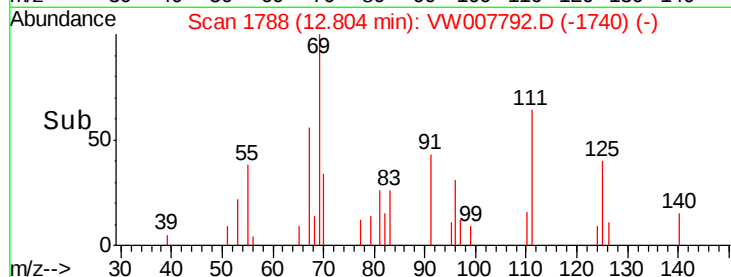
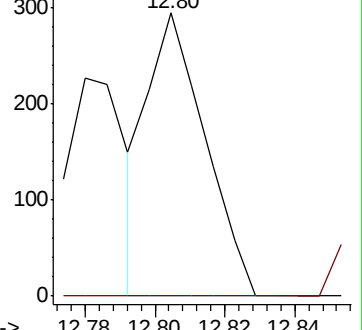
91 100

120 0.0 11.9 35.7#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 7.063 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007792.D

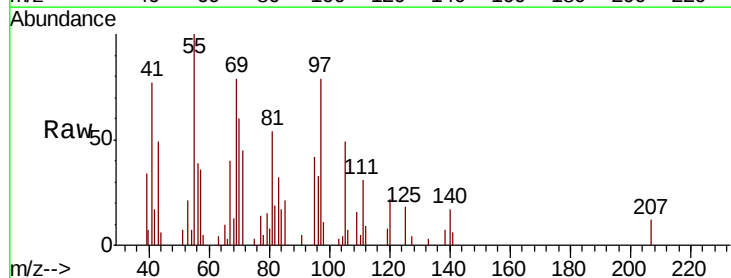
Acq: 21 Dec 2018 13:34

Tgt Ion:105 Resp: 1638

Ion Ratio Lower Upper

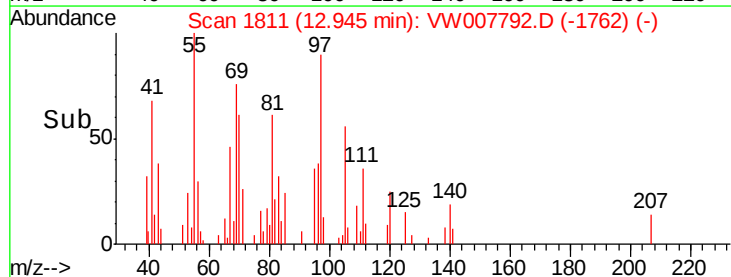
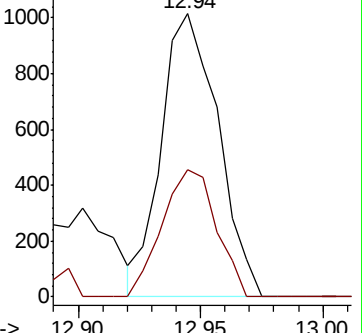
105 100

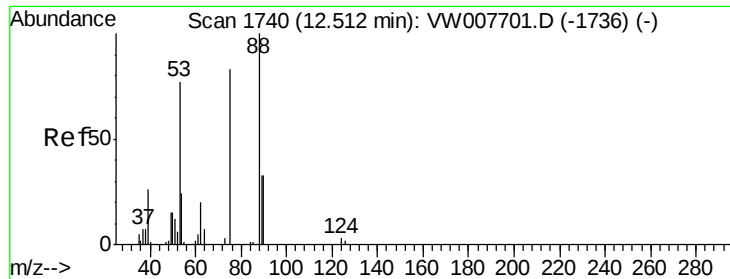
120 42.9 23.6 70.8



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: 173.623 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007792.D

Acq: 21 Dec 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

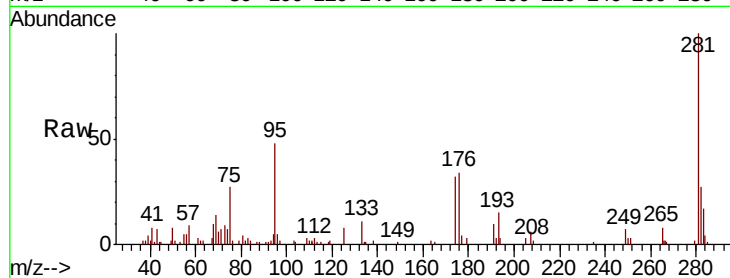
Tot Ion: 75 Resp: 2274

Ion Ratio Lower Upper

75 100

53 9.8 80.2 120.2#

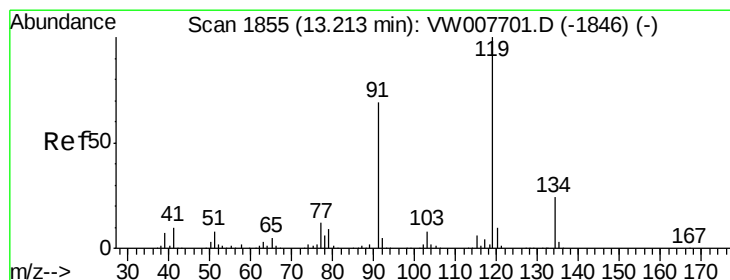
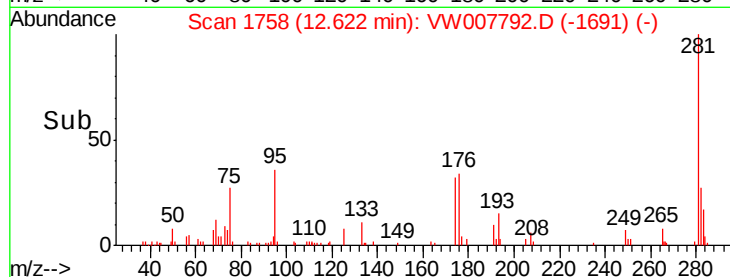
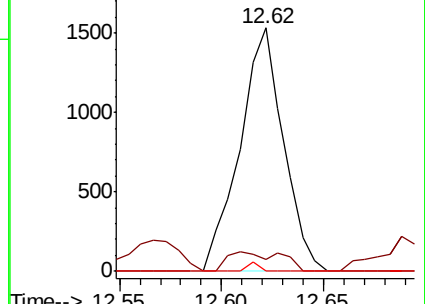
89 0.9 39.2 58.8#



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



#83

tert-Butylbenzene

Concen: 7.180 ug/l

RT: 13.44 min Scan# 1893

Delta R.T. 0.23 min

Lab File: VW007792.D

Acq: 21 Dec 2018 13:34

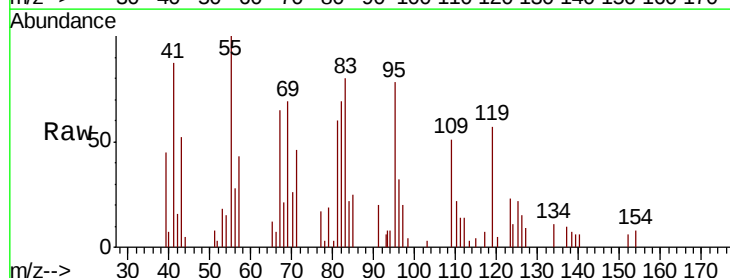
Tgt Ion: 119 Resp: 1461

Ion Ratio Lower Upper

119 100

91 48.1 34.2 102.5

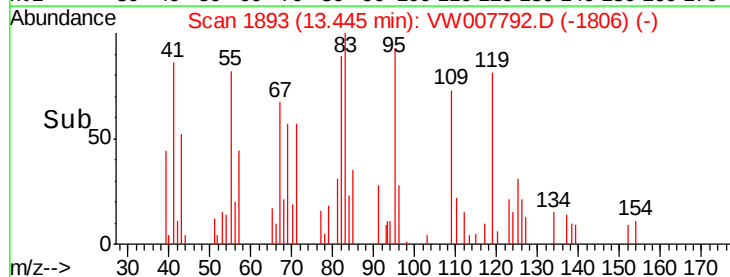
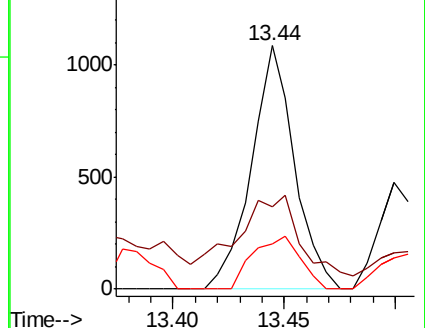
134 23.8 12.8 38.4

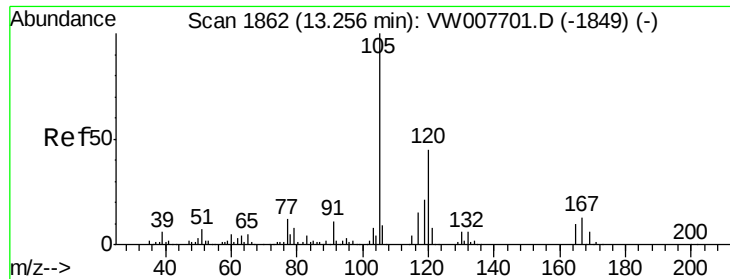


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

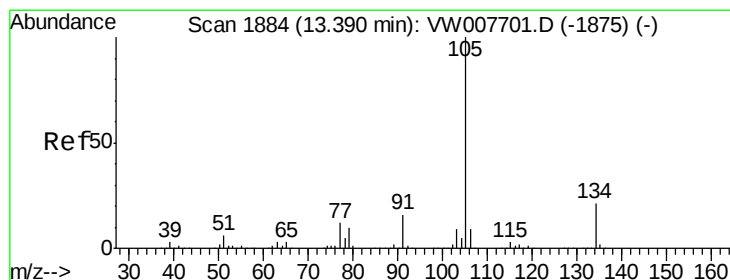
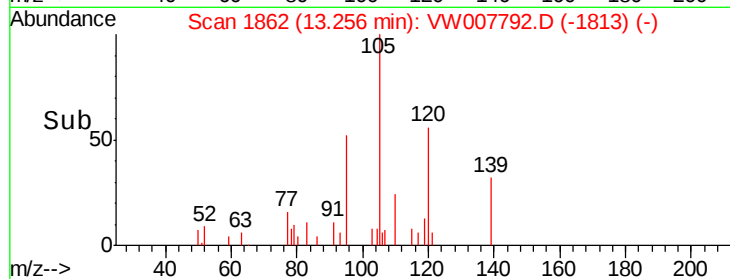
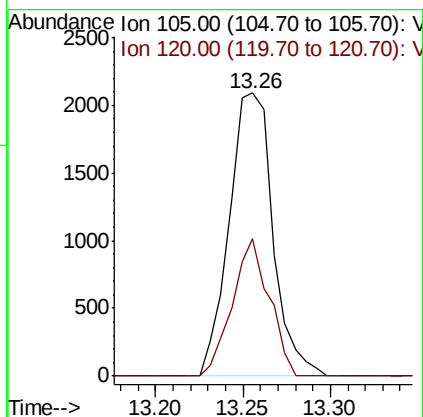
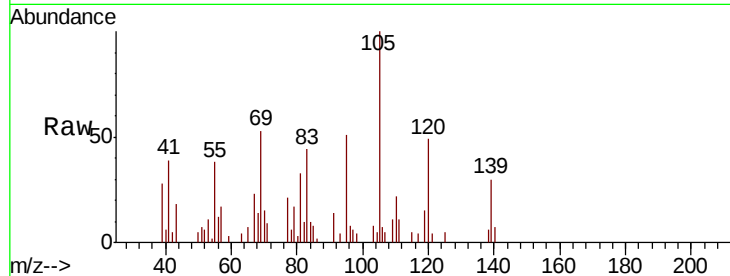




#84
1,2,4-Trimethylbenzene
Concen: 15.520 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

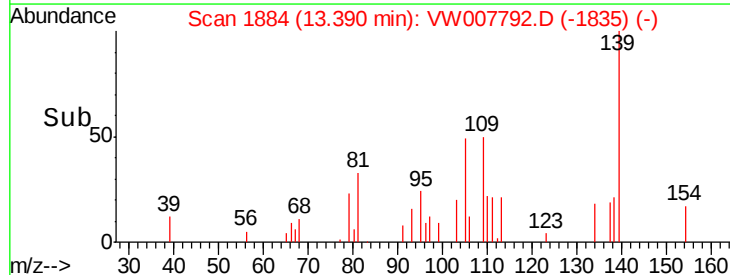
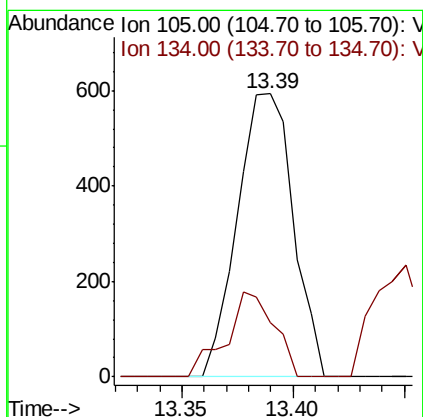
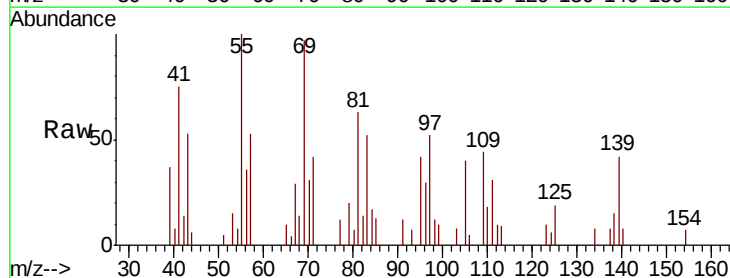
Instrument :
MSVOA_W
ClientSampleId :

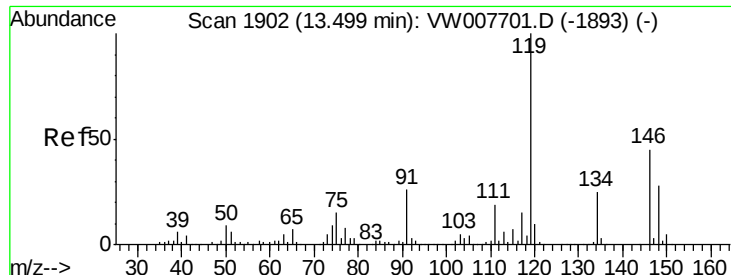
Tot Ion:105 Resp: 3632
Ion Ratio Lower Upper
105 100
120 41.1 22.0 66.0



#85
sec-Butylbenzene
Concen: 3.694 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion:105 Resp: 1036
Ion Ratio Lower Upper
105 100
134 25.9 10.2 30.4

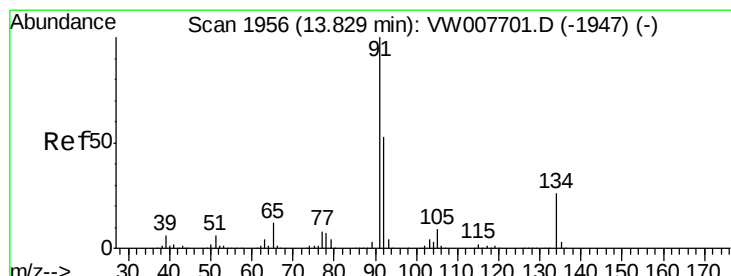
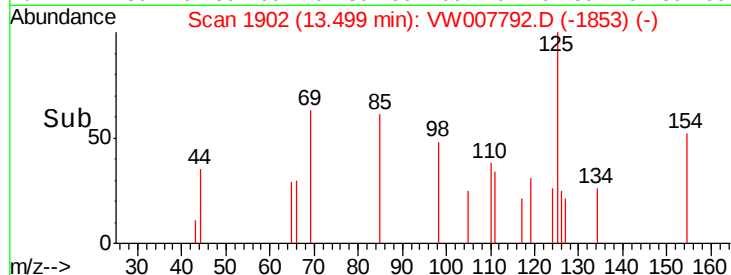
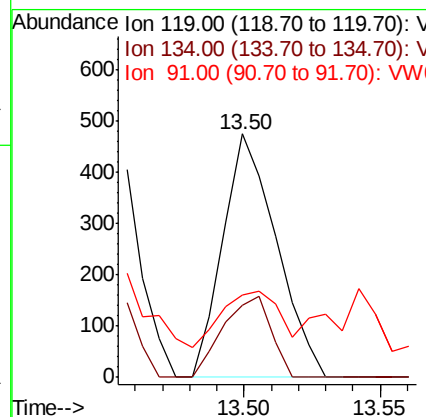
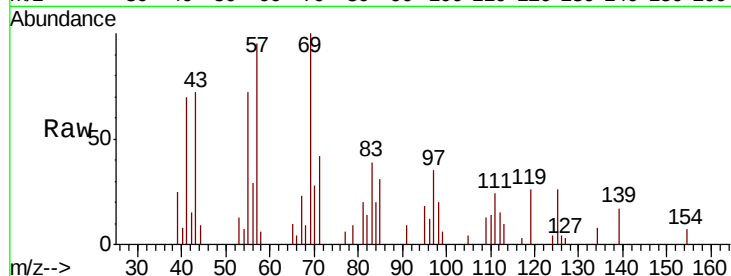




#86
p-Isopropyltoluene
Concen: 2.541 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

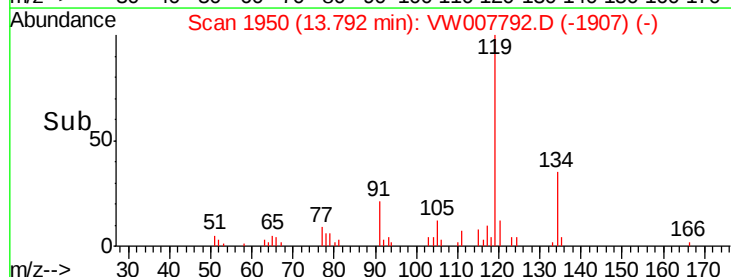
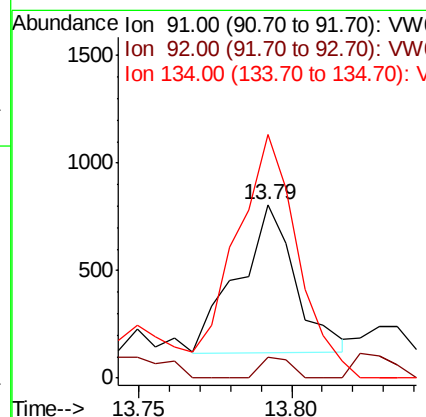
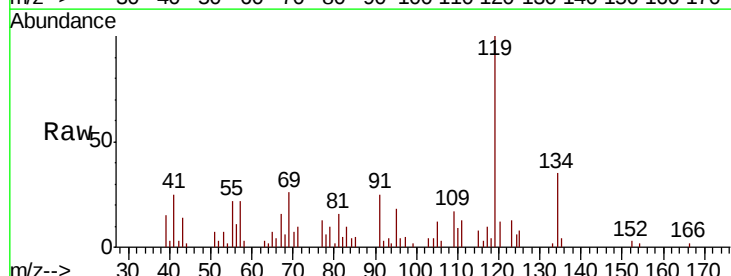
Instrument :
MSVOA_W
ClientSampled :

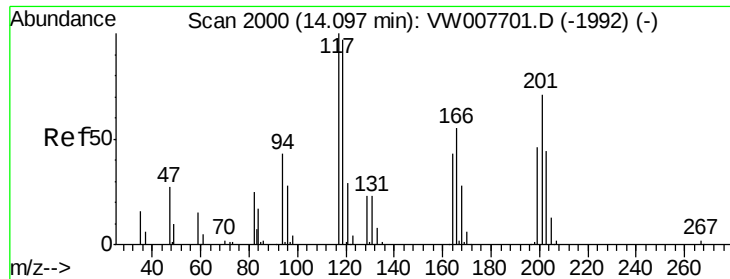
Tot Ion:119 Resp: 648
Ion Ratio Lower Upper
119 100
134 29.8 13.0 39.0
91 24.5 12.8 38.4



#89
n-Butylbenzene
Concen: 3.828 ug/l
RT: 13.79 min Scan# 1950
Delta R.T. -0.04 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion: 91 Resp: 895
Ion Ratio Lower Upper
91 100
92 7.3 26.4 79.2#
134 177.5 13.7 41.0#

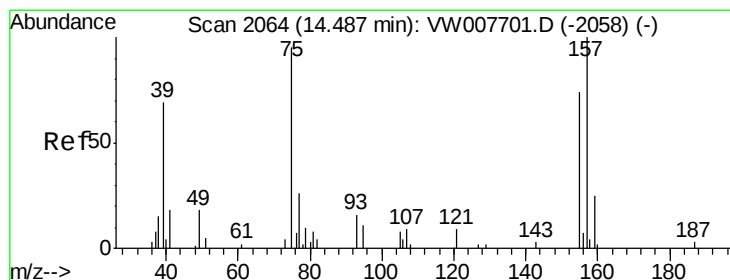
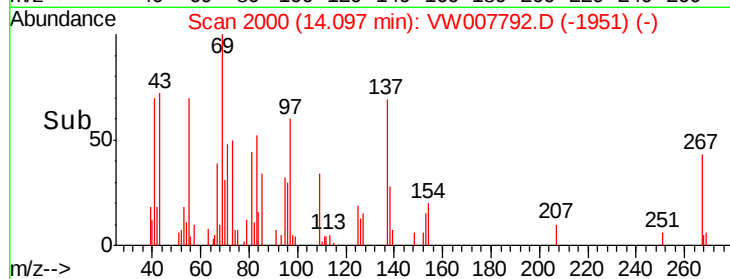
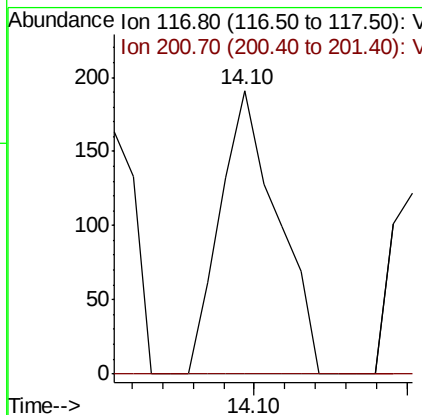
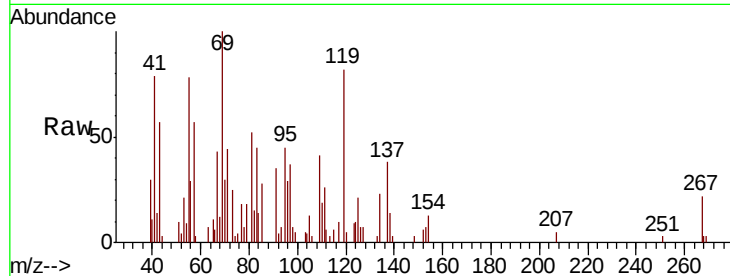




#90
Hexachloroethane
Concen: 5.562 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

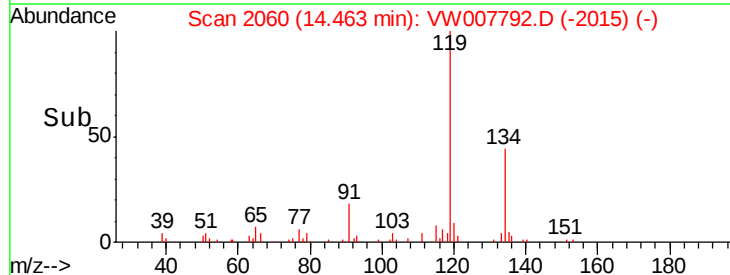
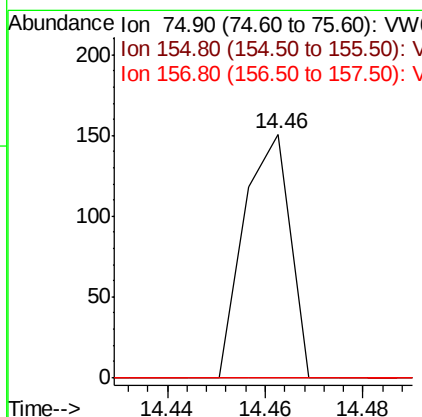
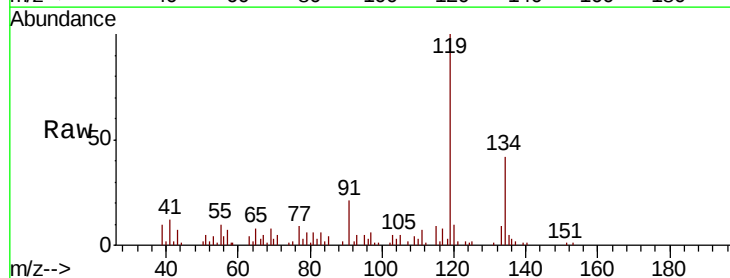
Instrument :
MSVOA_W
ClientSampled :

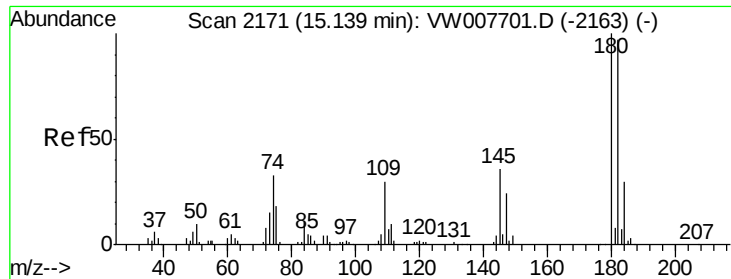
Tot Ion:117 Resp: 249
Ion Ratio Lower Upper
117 100
201 0.0 36.2 108.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.838 ug/l
RT: 14.46 min Scan# 2060
Delta R.T. -0.02 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion: 75 Resp: 98
Ion Ratio Lower Upper
75 100
155 0.0 39.4 118.1#
157 0.0 52.0 156.0#

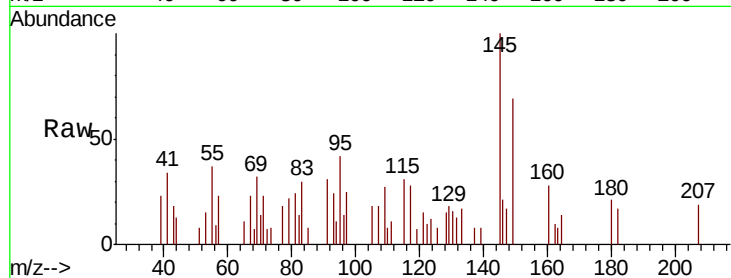




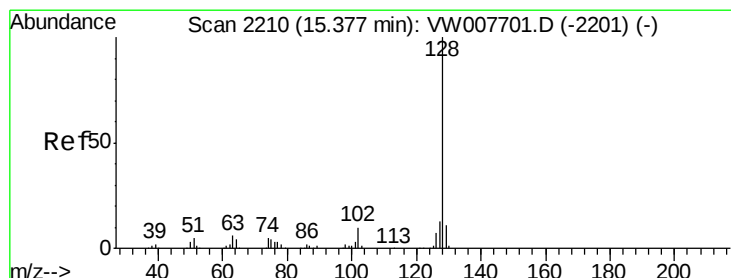
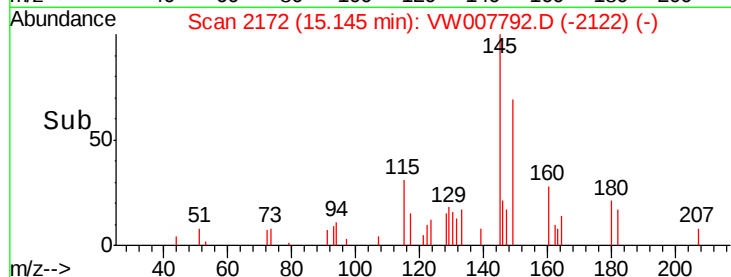
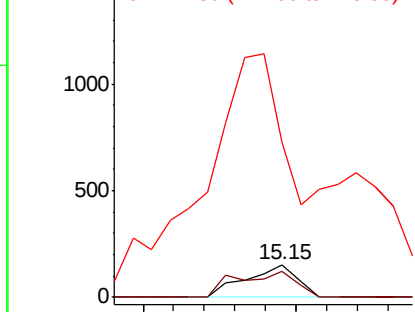
#93
 1,2,4-Trichlorobenzene
 Concen: 2.328 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW007792.D
 Acq: 21 Dec 2018 13:34

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:180 Resp: 177
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.5 142.6
 145 1192.7 17.5 52.5#

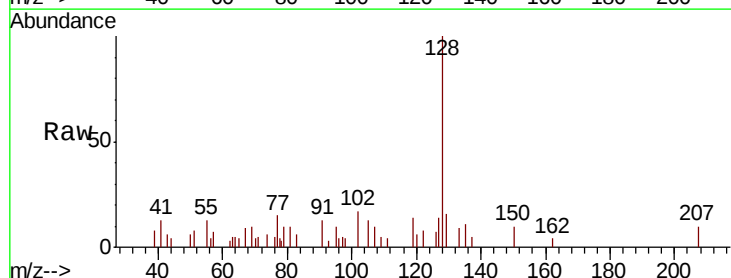


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

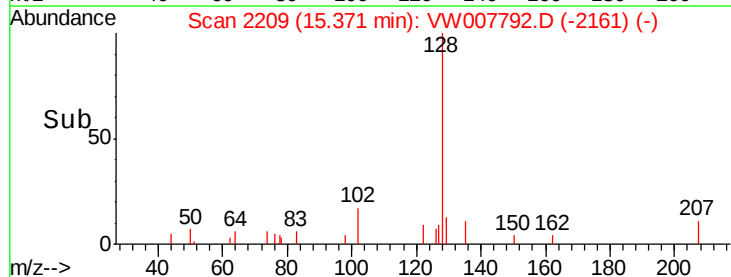
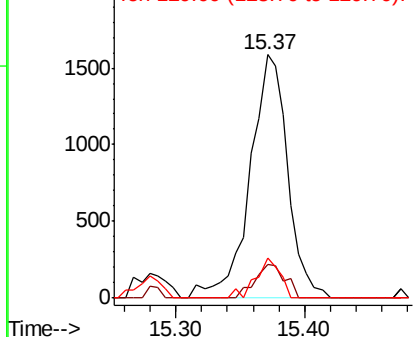


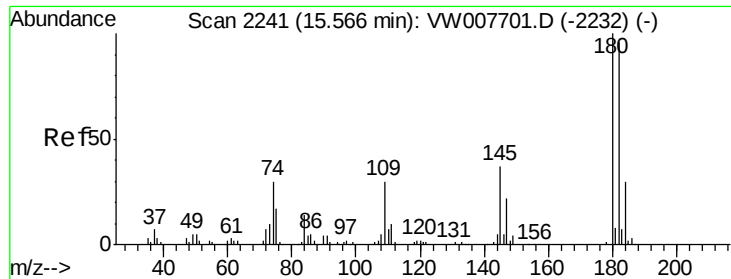
#95
 Naphthalene
 Concen: 22.763 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW007792.D
 Acq: 21 Dec 2018 13:34

Tgt Ion:128 Resp: 3200
 Ion Ratio Lower Upper
 128 100
 127 11.0 10.7 16.1
 129 10.4 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

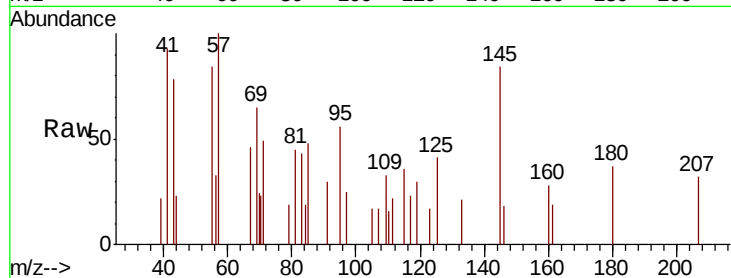




#96
 1,2,3-Trichlorobenzene
 Concen: 1.813 ug/l
 RT: 15.56 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW007792.D
 Acq: 21 Dec 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.4	142.2#
145	994.9	18.4	55.0#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

