

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122218\
 Data File : VW007789.D
 Acq On : 21 Dec 2018 12:07
 Operator : SY/AP
 Sample : J6426-01
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 13:11:34 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	28375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	47642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	16123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	4940	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	27158	87.32	ug/l	0.00
Spiked Amount			Recovery	=	174.64%	
35) Dibromofluoromethane	7.88	113	21169	72.84	ug/l	0.00
Spiked Amount			Recovery	=	145.68%	
50) Toluene-d8	10.32	98	20725	18.92	ug/l	0.00
Spiked Amount			Recovery	=	37.84%	
62) 4-Bromofluorobenzene	12.62	95	6532	15.43	ug/l	0.00
Spiked Amount			Recovery	=	30.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	49	2.336	ug/l #	73
16) Acetone	4.12	43	2696	46.293	ug/l	91
18) Methyl Acetate	4.68	43	1341	9.682	ug/l #	82
20) Methylene Chloride	4.92	84	2922	4.265	ug/l	98
25) 2-Butanone	7.15	43	408	5.981	ug/l #	44
26) 2,2-Dichloropropane	7.13	77	471	1.273	ug/l #	53
31) Cyclohexane	7.94	56	585	1.264	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	2189	4.760	ug/l #	51
38) Carbon Tetrachloride	7.95	117	2956	5.459	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	351	2.336	ug/l #	43
52) Toluene	10.38	92	4070	4.944	ug/l	92
55) 1,1,2-Trichloroethane	10.76	97	6620	28.651	ug/l #	21
56) Ethyl methacrylate	10.66	69	2597	9.513	ug/l #	4
59) 2-Hexanone	10.94	43	2173	20.564	ug/l #	24
67) Ethyl Benzene	11.74	91	1153	1.925	ug/l	97
68) m/p-Xylenes	11.84	106	2194	9.445	ug/l	98
69) o-Xylene	12.17	106	941	4.322	ug/l	77
74) N-amyl acetate	12.26	43	3978	61.503	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.69	83	1495	26.703	ug/l #	47
76) 1,2,3-Trichloropropane	12.62	75	2682	70.243	ug/l #	100
78) n-propylbenzene	12.78	91	575	1.323	ug/l #	52
79) 2-Chlorotoluene	12.88	91	871	3.440	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	2632	8.172	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.62	75	2682	147.446	ug/l #	19
83) tert-Butylbenzene	13.21	119	1158	4.098	ug/l	76
84) 1,2,4-Trimethylbenzene	13.26	105	5247	16.144	ug/l	100
85) sec-Butylbenzene	13.38	105	2179	5.595	ug/l	91
86) p-Isopropyltoluene	13.50	119	1086	3.066	ug/l	87
89) n-Butylbenzene	13.79	91	1309	4.031	ug/l #	1
90) Hexachloroethane	14.10	117	557	8.958	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.47	75	158	13.742	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.14	180	262	2.481	ug/l #	1
95) Naphthalene	15.37	128	3574	18.306	ug/l	98
96) 1,2,3-Trichlorobenzene	15.58	180	204	2.257	ug/l #	1

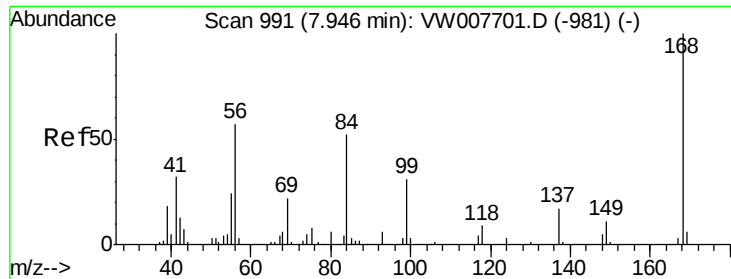
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122218\
Data File : VW007789.D
Acq On : 21 Dec 2018 12:07
Operator : SY/AP
Sample : J6426-01
Misc : 5.01G/5ML/MSVOA W/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 21 13:11:34 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)
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(#) = 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: VW007789.D

Acq: 21 Dec 2018 12:07

Instrument :

MSVOA_W

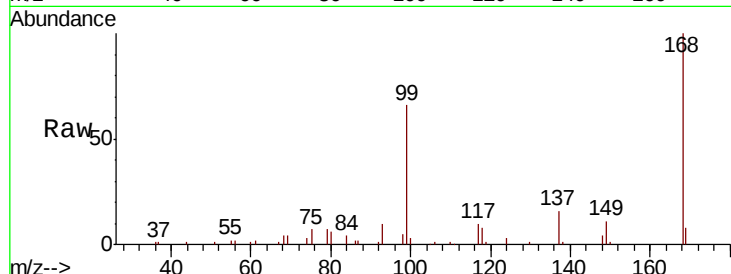
ClientSampleId :

Tot Ion:168 Resp: 28375

Ion Ratio Lower Upper

168 100

99 65.6 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

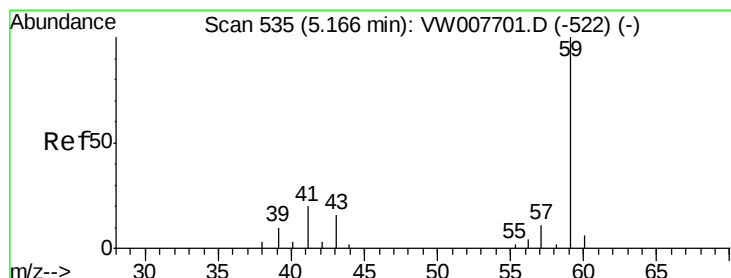
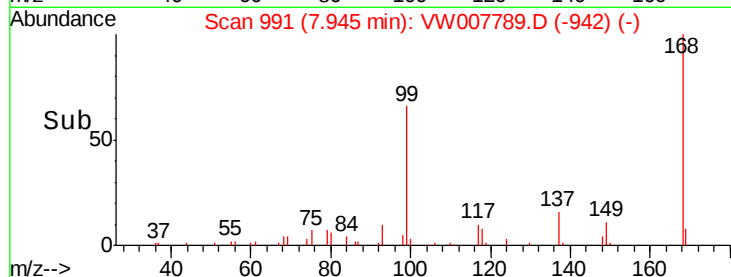
7.95

10000

5000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.336 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW007789.D

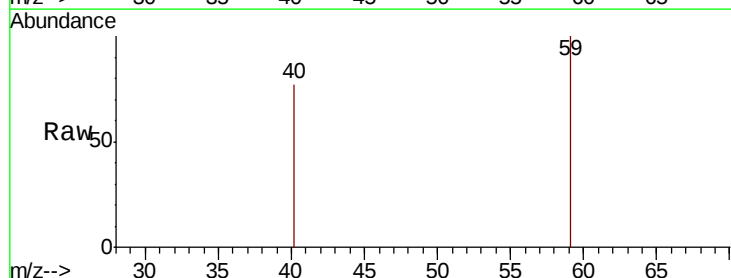
Acq: 21 Dec 2018 12:07

Tgt Ion: 59 Resp: 49

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

5.16

80

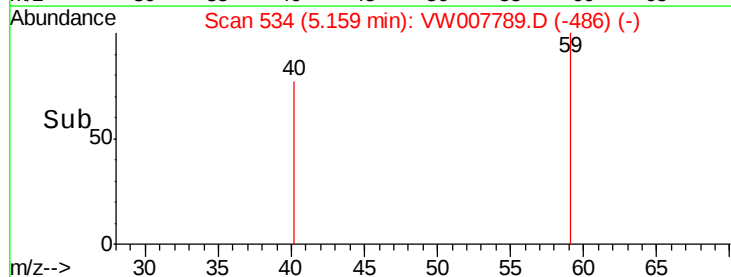
60

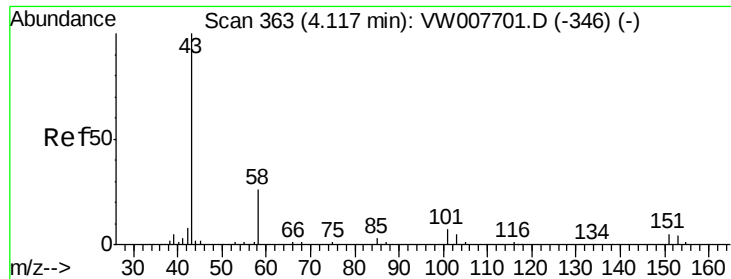
40

20

0

Time-->





#16

Acetone

Concen: 46.293 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007789.D

Acq: 21 Dec 2018 12:07

Instrument :

MSVOA_W

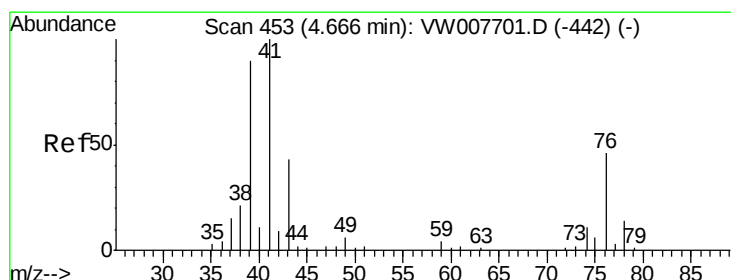
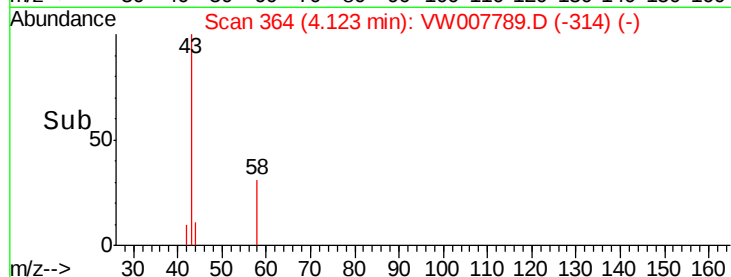
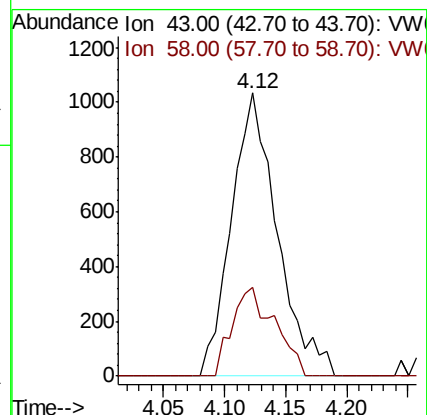
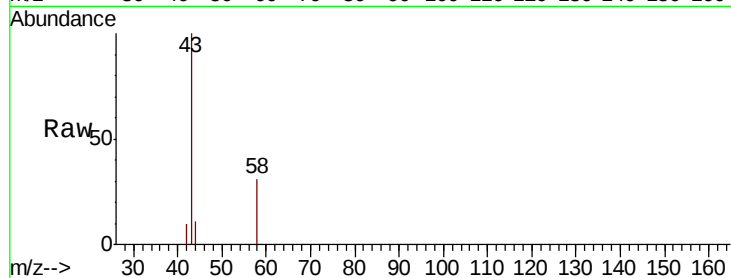
ClientSampled :

Tot Ion: 43 Resp: 2696

Ion Ratio Lower Upper

43 100

58 31.2 21.2 31.8



#18

Methyl Acetate

Concen: 9.682 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW007789.D

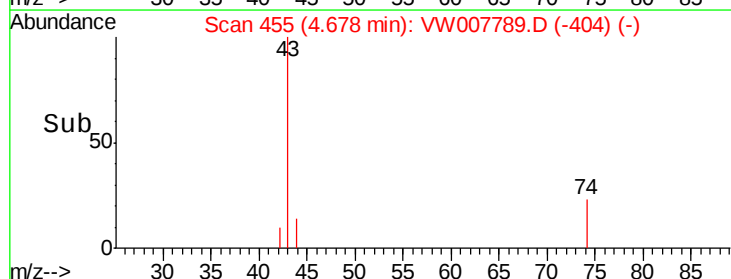
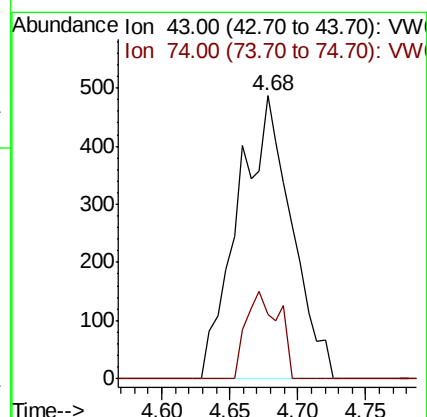
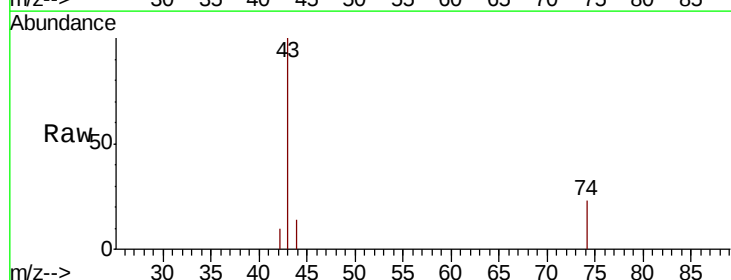
Acq: 21 Dec 2018 12:07

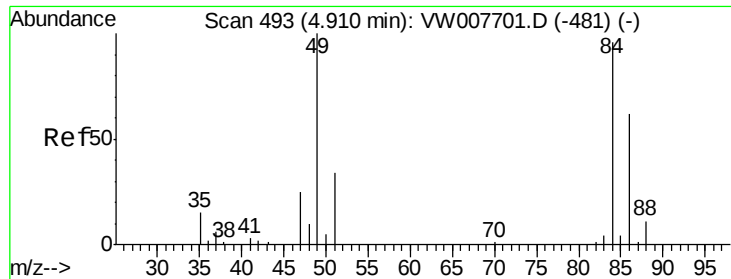
Tgt Ion: 43 Resp: 1341

Ion Ratio Lower Upper

43 100

74 18.9 22.7 34.1#

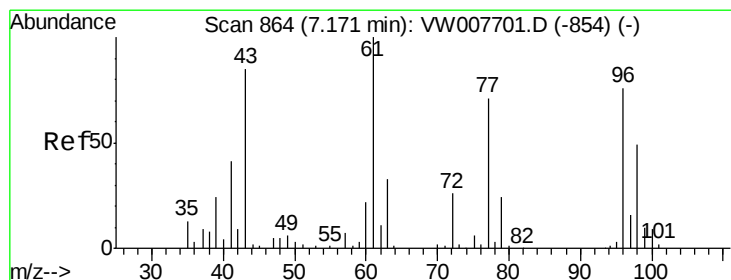
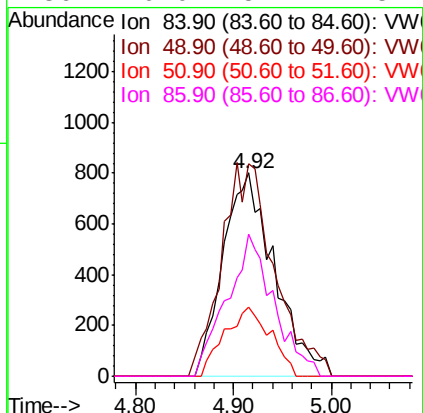
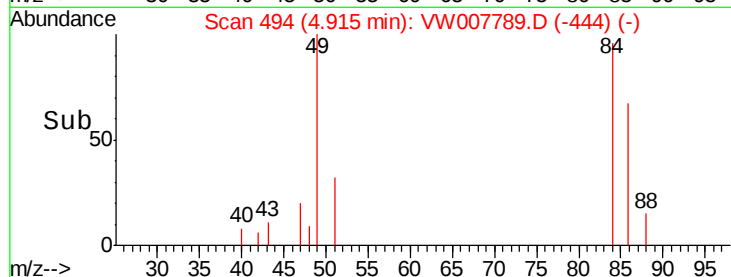
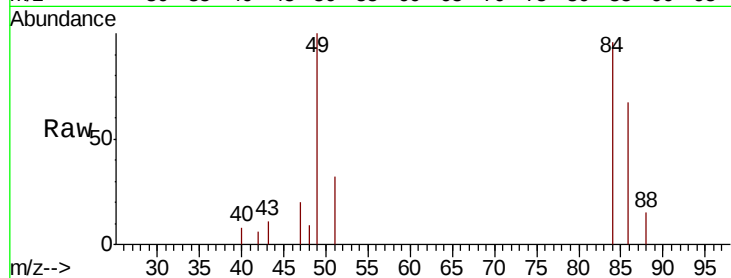




#20
Methvlene Chloride
Concen: 4.265 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

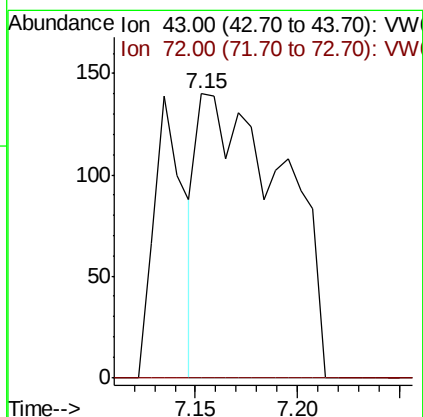
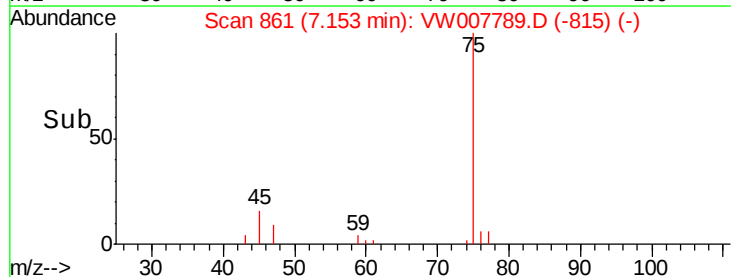
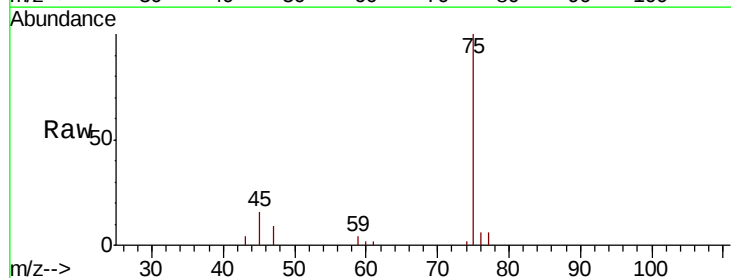
Instrument :
MSVOA_W
ClientSampled :

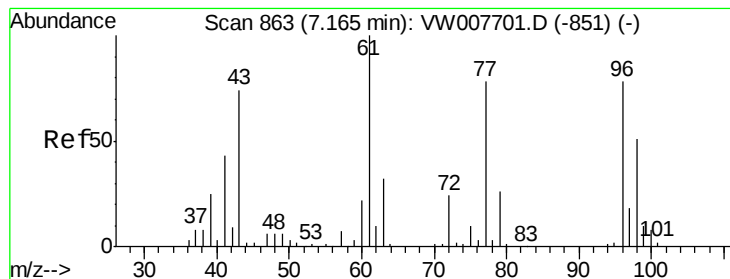
Tot Ion:	84	Resp:	2922
Ion	Ratio	Lower	Upper
84	100		
49	104.6	83.7	125.5
51	33.9	28.2	42.2
86	70.0	52.2	78.2



#25
2-Butanone
Concen: 5.981 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

Tgt Ion:	43	Resp:	408
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.5	36.7#





#26

2,2-Dichloropropane

Concen: 1.273 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW007789.D

Acq: 21 Dec 2018 12:07

Instrument :

MSVOA_W

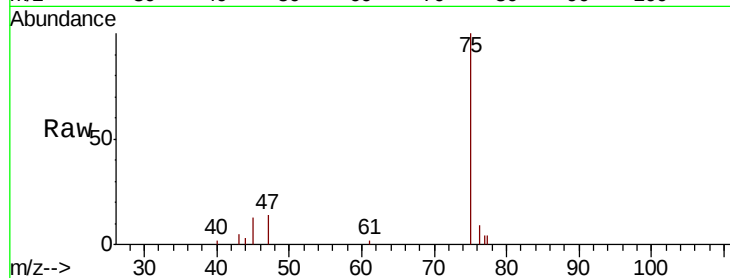
ClientSampleId :

Tot Ion: 77 Resp: 471

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

7.13

250

200

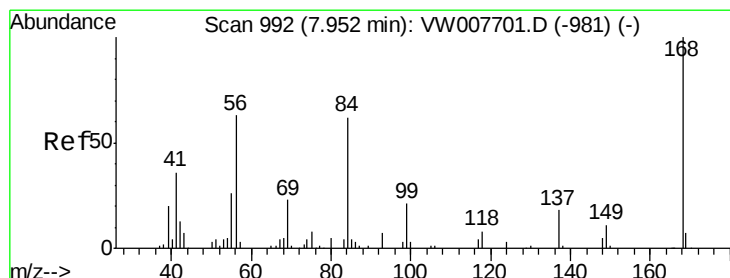
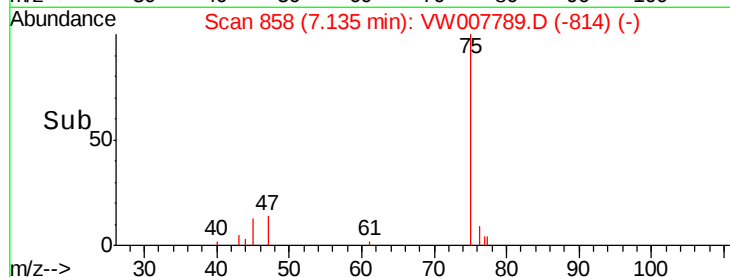
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 1.264 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007789.D

Acq: 21 Dec 2018 12:07

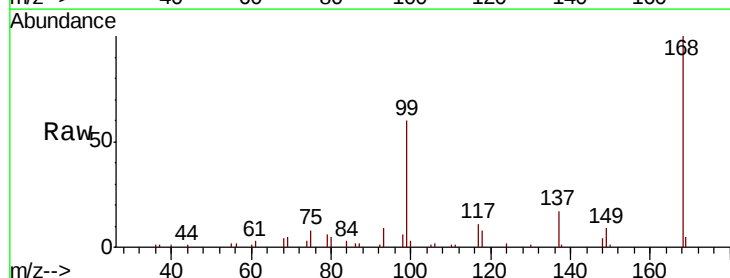
Tgt Ion: 56 Resp: 585

Ion Ratio Lower Upper

56 100

69 212.4 29.7 44.5#

84 127.1 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

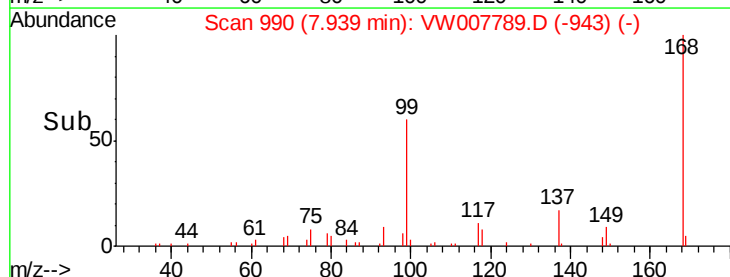
600

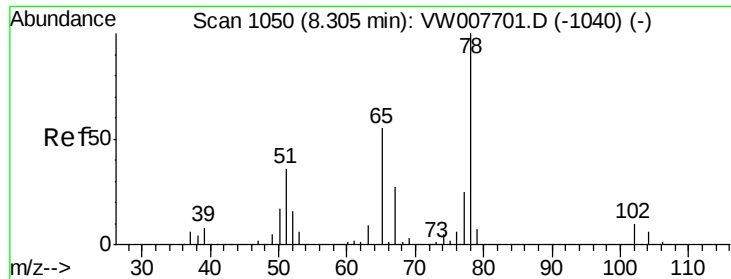
400

200

0

Time-->

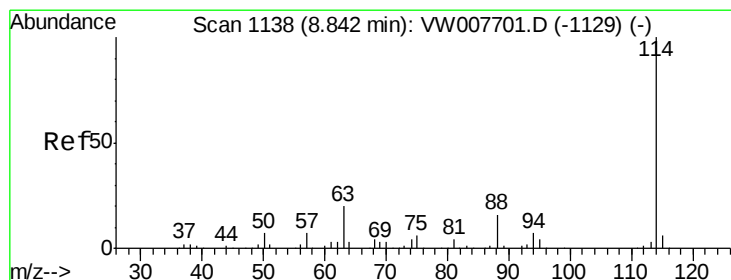
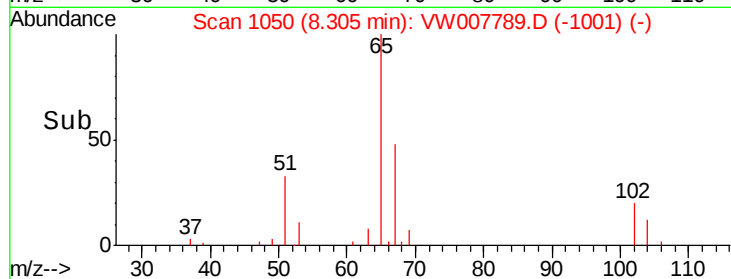
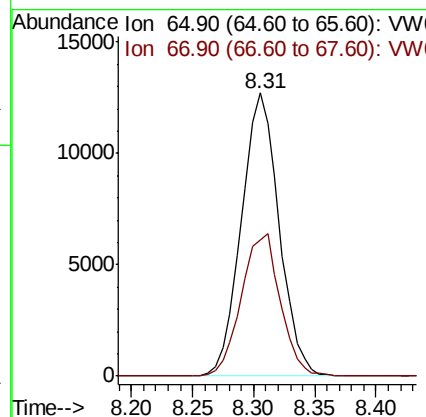
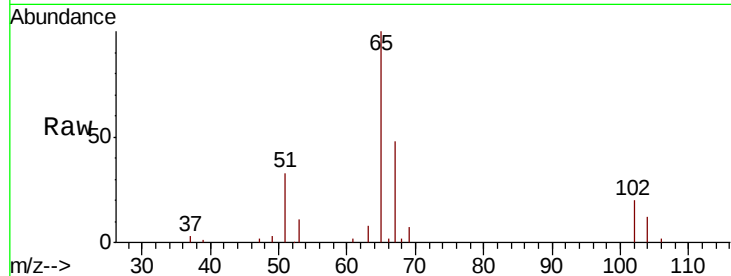




#33
 1,2-Dichloroethane-d4
 Concen: 87.324 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007789.D
 Acq: 21 Dec 2018 12:07

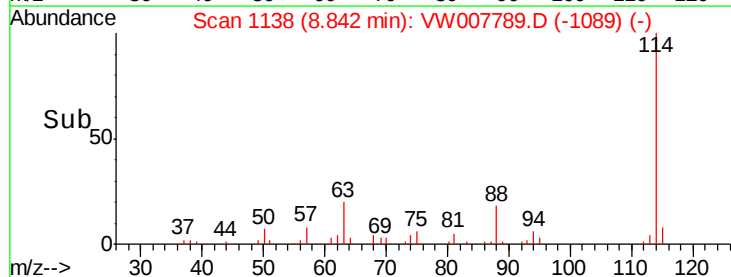
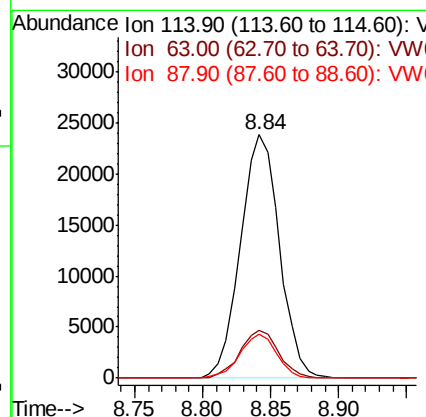
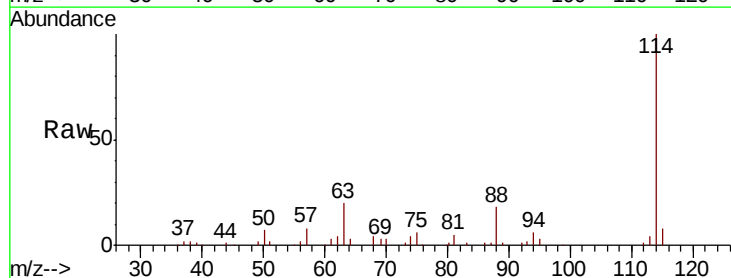
Instrument :
 MSVOA_W
 ClientSampled :

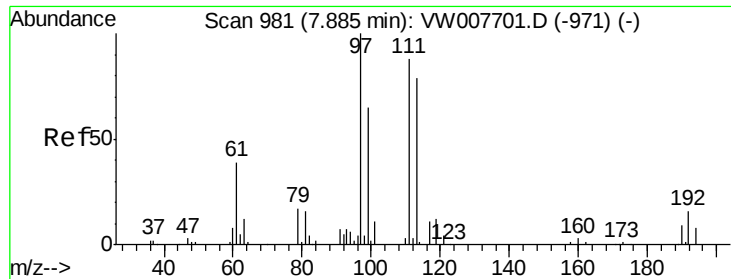
Tot Ion: 65 Resp: 27158
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007789.D
 Acq: 21 Dec 2018 12:07

Tgt Ion: 114 Resp: 47642
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 18.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 72.836 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007789.D

Acq: 21 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

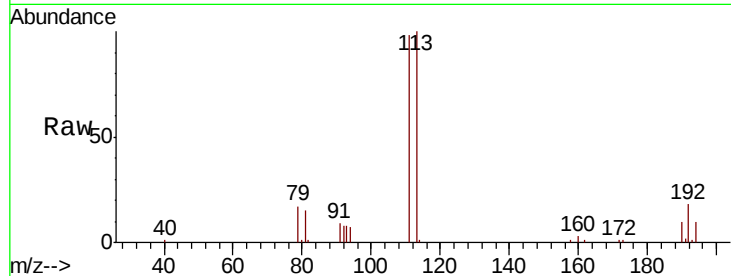
Tot Ion:113 Resp: 21169

Ion Ratio Lower Upper

113 100

111 100.0 82.6 124.0

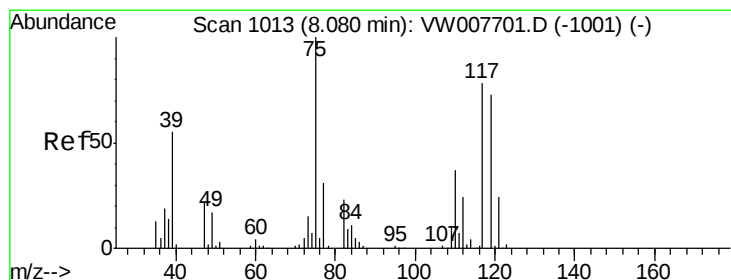
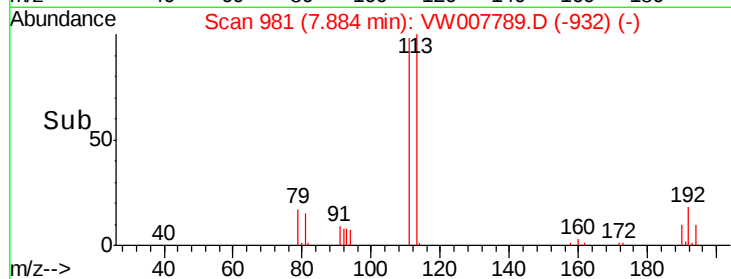
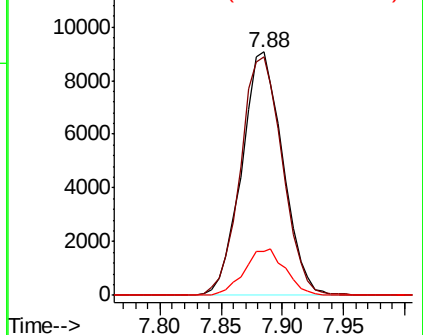
192 19.0 15.5 23.3



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: 4.760 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW007789.D

Acq: 21 Dec 2018 12:07

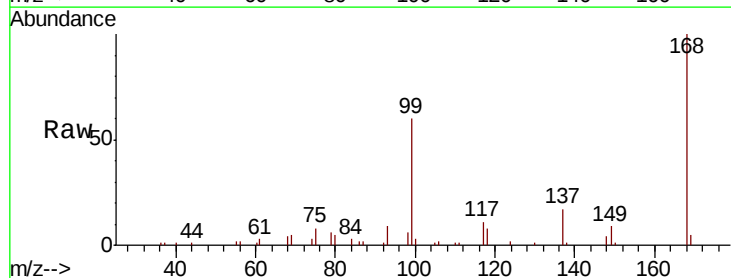
Tgt Ion: 75 Resp: 2189

Ion Ratio Lower Upper

75 100

110 12.2 18.6 55.8#

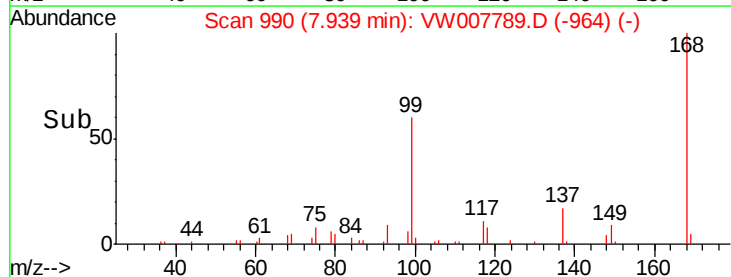
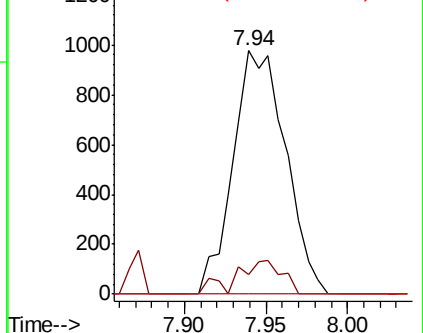
77 0.0 25.0 37.4#

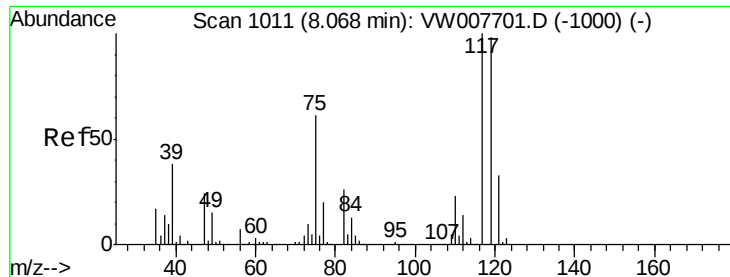


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

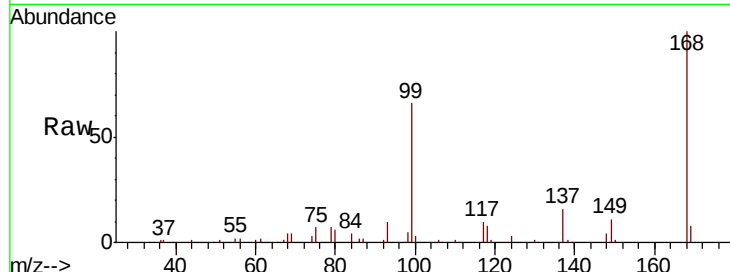




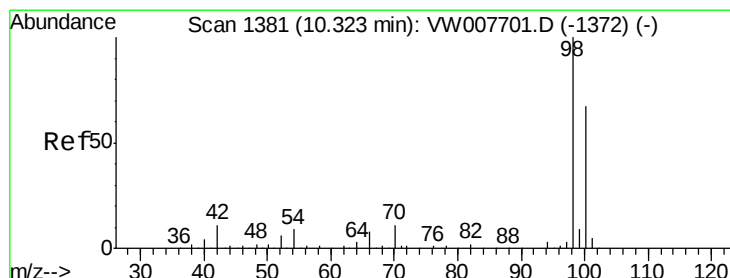
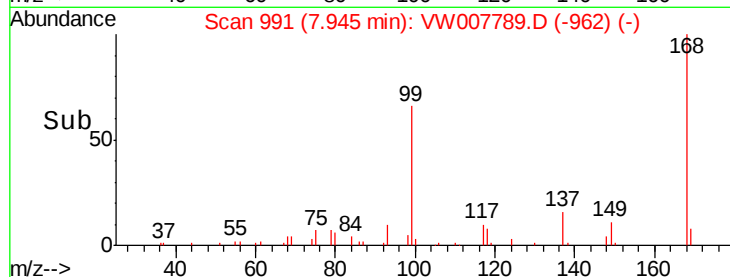
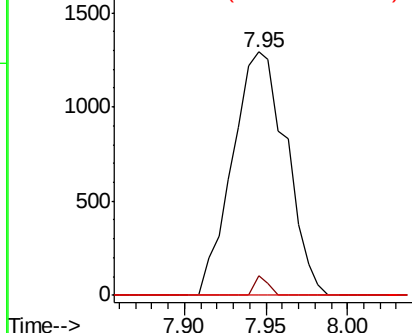
#38
Carbon Tetrachloride
Concen: 5.459 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 2956
Ion Ratio Lower Upper
117 100
119 8.2 78.2 117.2#
121 0.0 26.1 39.1#

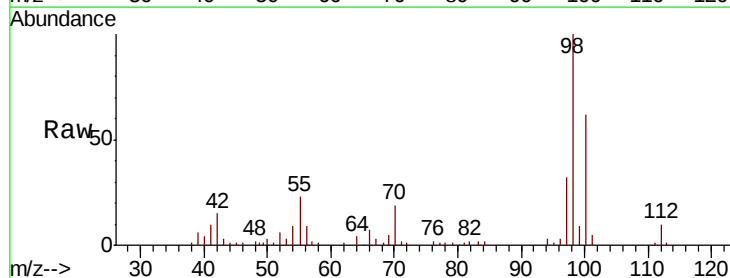


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

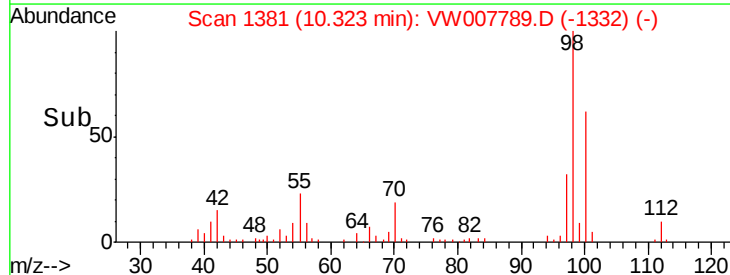
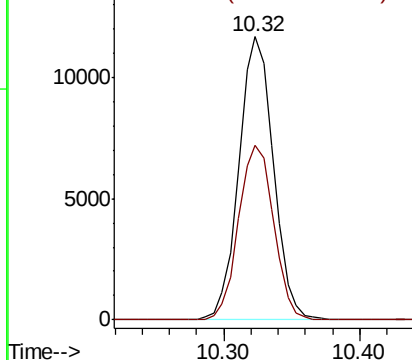


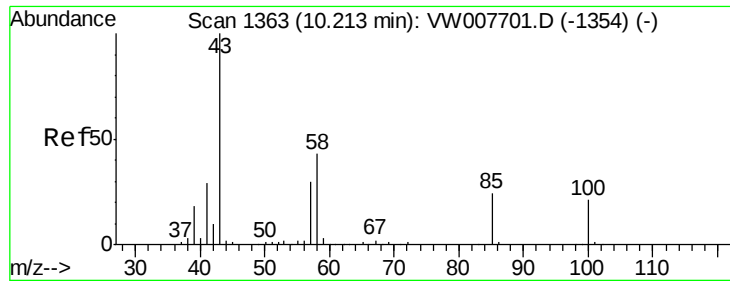
#50
Toluene-d8
Concen: 18.915 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

Tgt Ion: 98 Resp: 20725
Ion Ratio Lower Upper
98 100
100 62.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 2.336 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007789.D

Acq: 21 Dec 2018 12:07

Instrument :

MSVOA_W

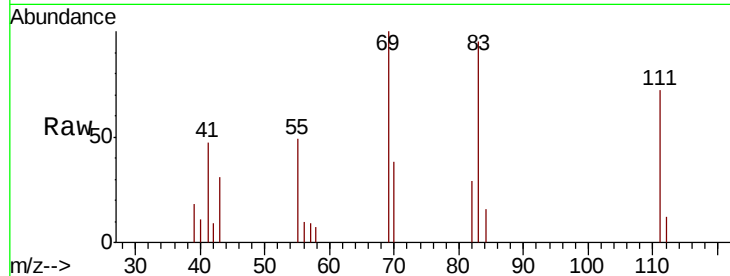
ClientSampled :

Tot Ion: 43 Resp: 351

Ion Ratio Lower Upper

43 100

58 5.4 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

250

200

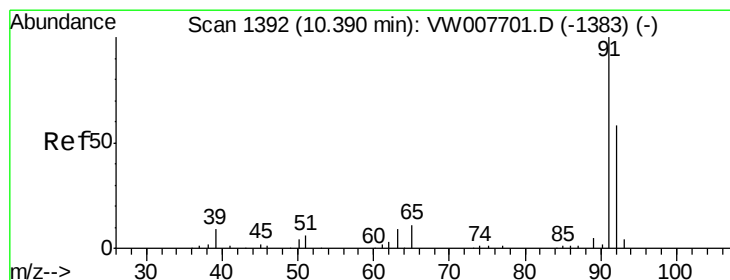
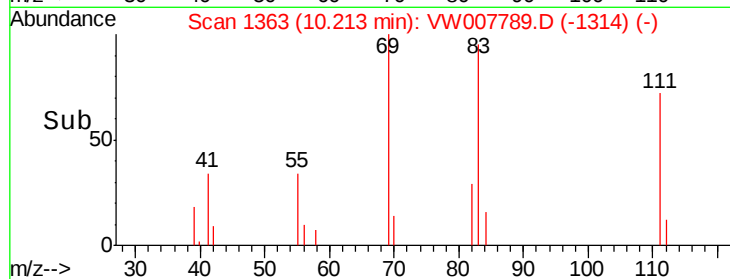
150

100

50

0

Time-->



#52

Toluene

Concen: 4.944 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007789.D

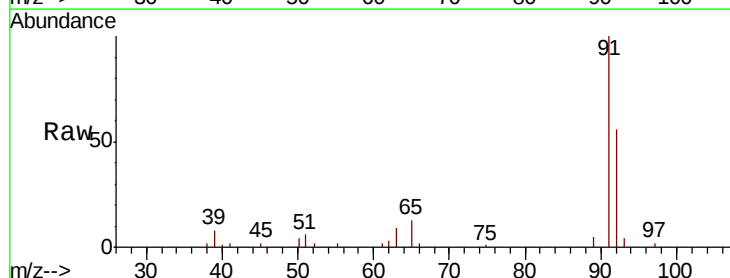
Acq: 21 Dec 2018 12:07

Tgt Ion: 92 Resp: 4070

Ion Ratio Lower Upper

92 100

91 182.4 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

4000

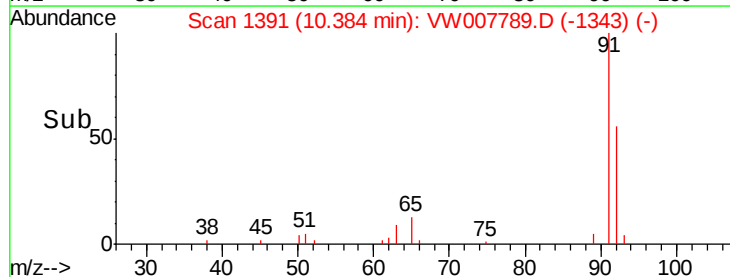
3000

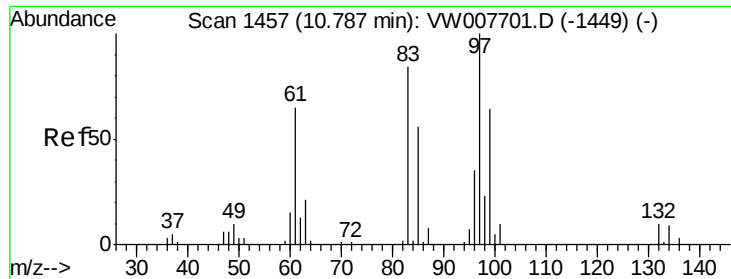
2000

1000

0

Time-->

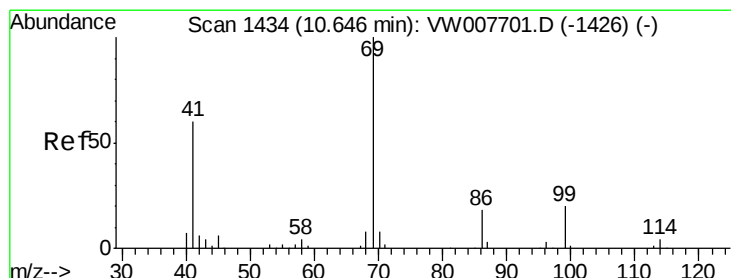
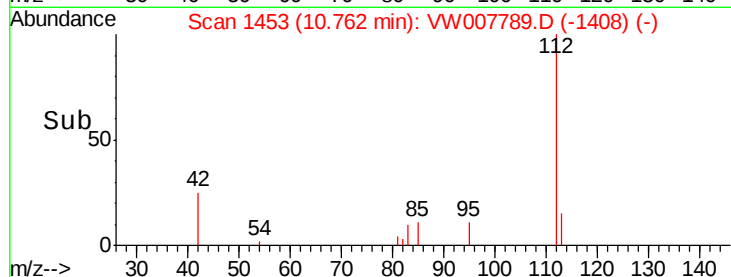
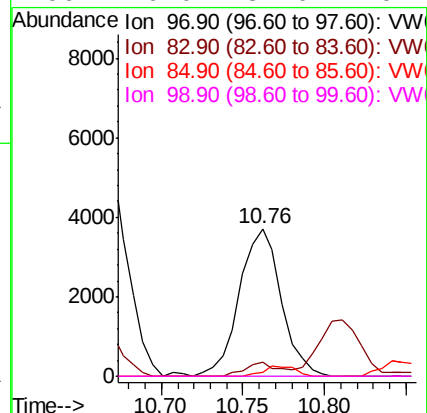
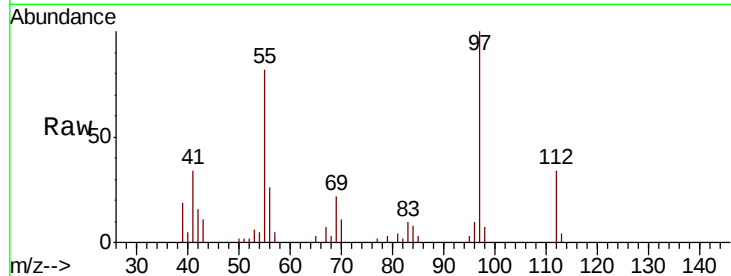




#55
1,1,2-Trichloroethane
Concen: 28.651 ug/l
RT: 10.76 min Scan# 1453
Delta R.T. -0.02 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

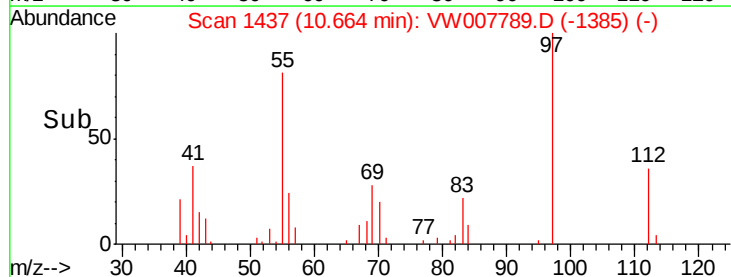
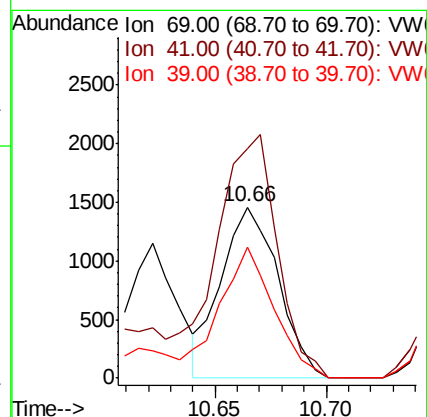
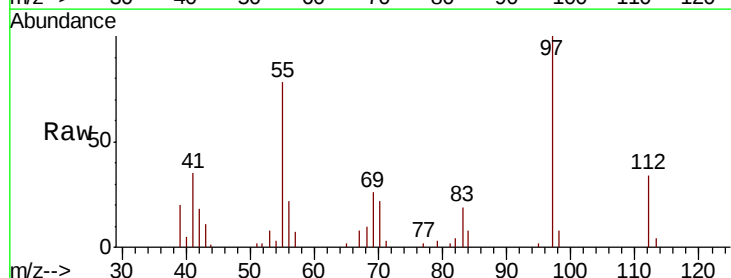
Instrument :
MSVOA_W
ClientSampled :

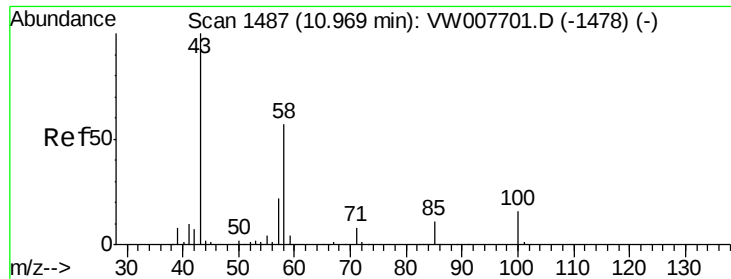
Tot Ion	Ratio	Lower	Upper
97	100		
83	9.9	67.5	101.3#
85	3.0	44.8	67.2#
99	0.0	51.0	76.4#



#56
Ethyl methacrylate
Concen: 9.513 ug/l
RT: 10.66 min Scan# 1437
Delta R.T. 0.02 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	154.1	48.9	73.3#
39	73.4	31.3	46.9#





#59

2-Hexanone

Concen: 20.564 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW007789.D

Acq: 21 Dec 2018 12:07

Instrument :

MSVOA_W

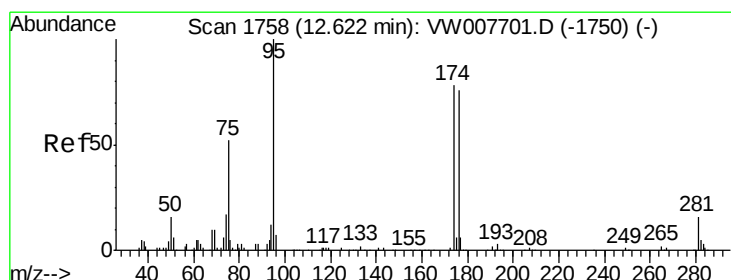
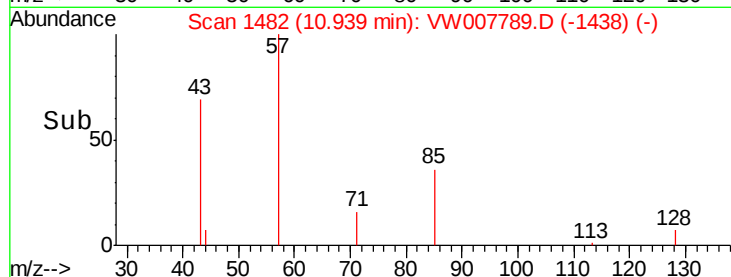
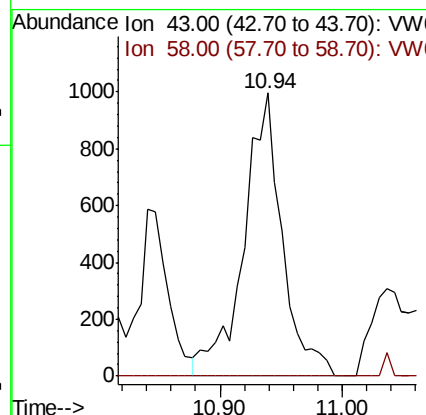
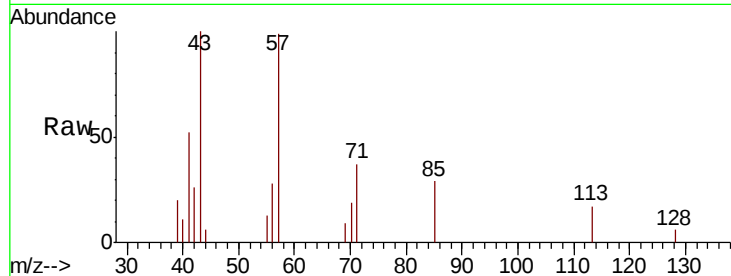
ClientSampled :

Tot Ion: 43 Resp: 2173

Ion Ratio Lower Upper

43 100

58 0.0 27.7 83.1#



#62

4-Bromofluorobenzene

Concen: 15.432 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW007789.D

Acq: 21 Dec 2018 12:07

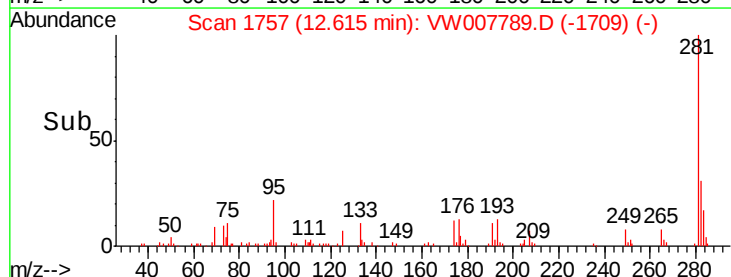
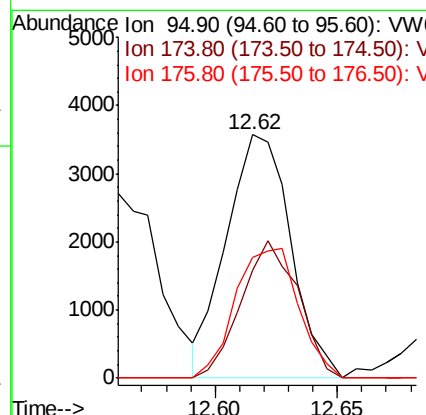
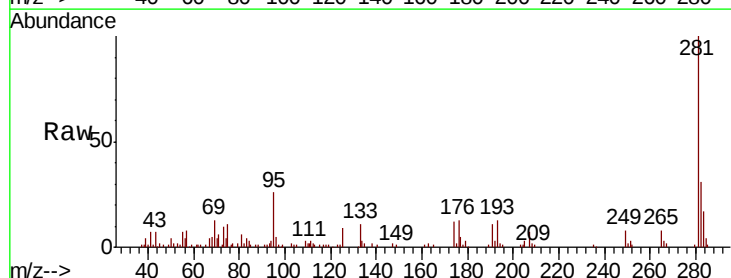
Tgt Ion: 95 Resp: 6532

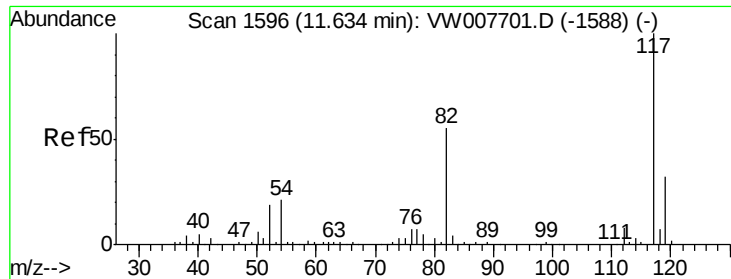
Ion Ratio Lower Upper

95 100

174 50.0 0.0 152.2

176 52.9 0.0 146.8

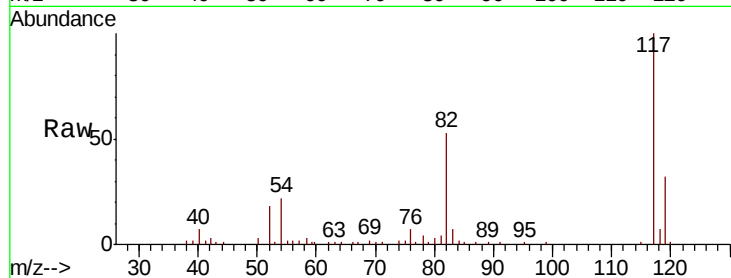




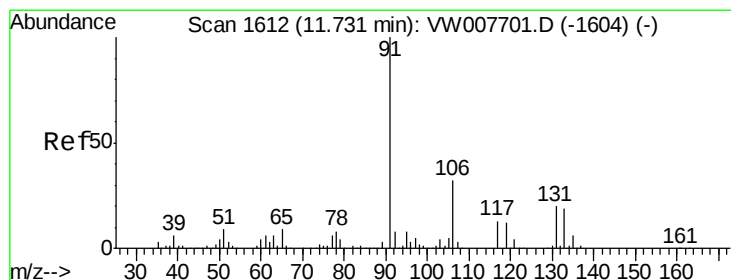
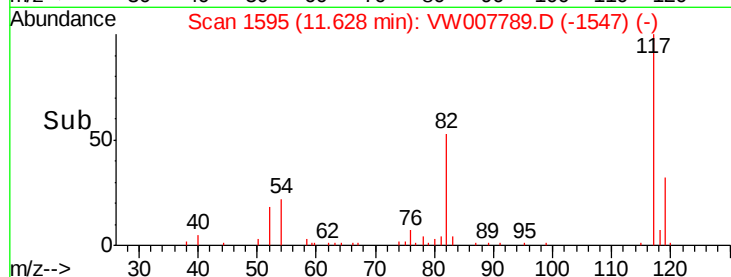
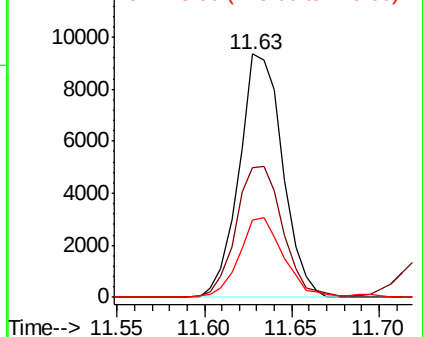
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 16123
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 31.9 25.7 38.5

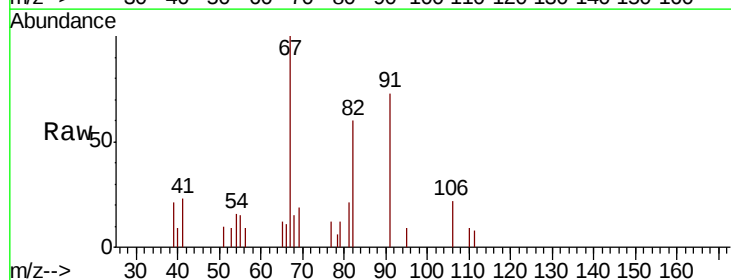


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

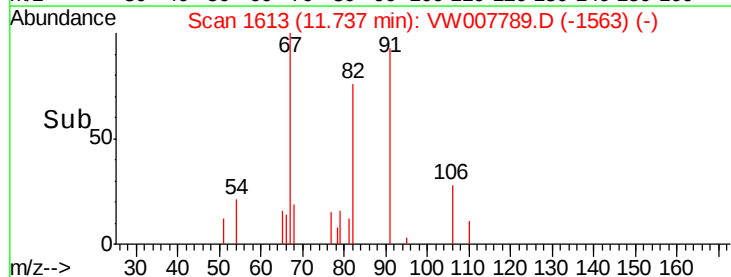
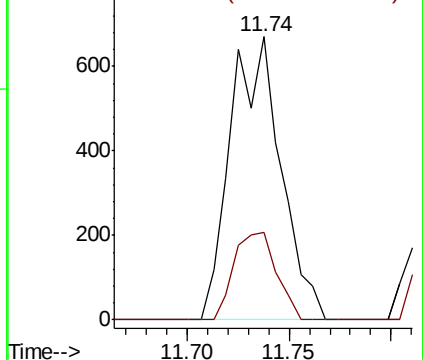


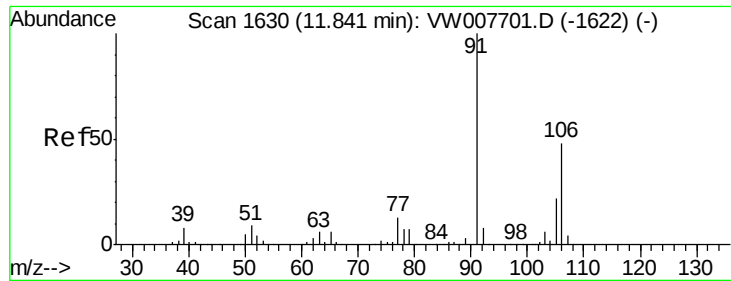
#67
Ethyl Benzene
Concen: 1.925 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

Tgt Ion: 91 Resp: 1153
Ion Ratio Lower Upper
91 100
106 30.7 25.8 38.8



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

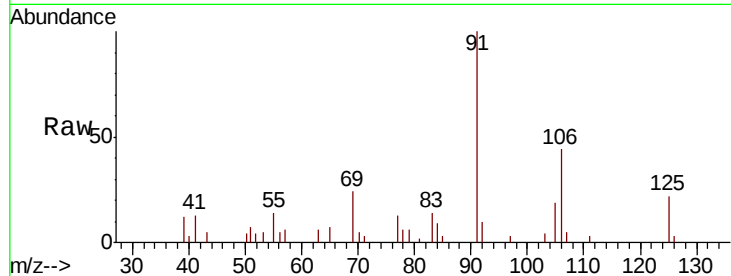




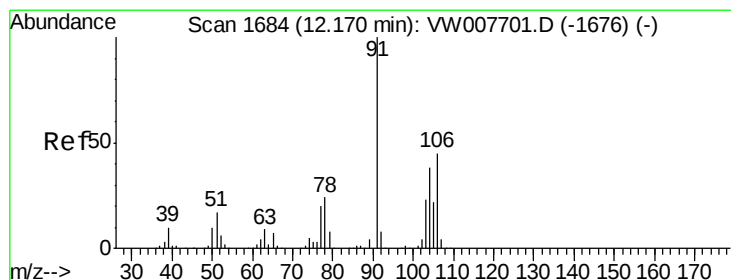
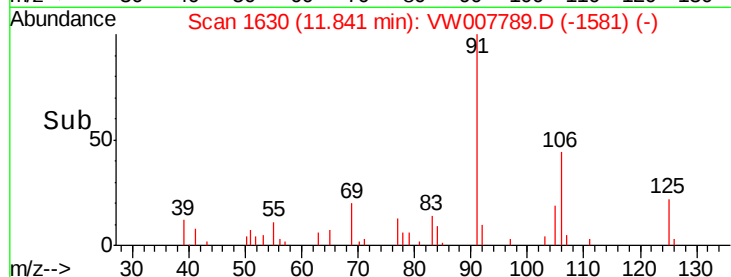
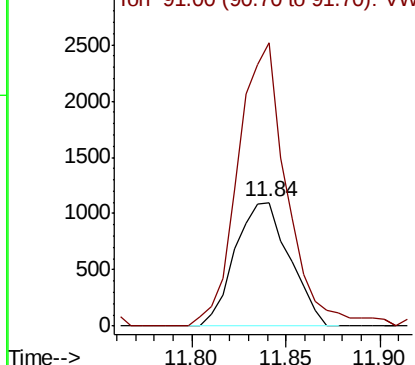
#68
m/p-Xylenes
Concen: 9.445 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 2194
Ion Ratio Lower Upper
106 100
91 208.9 165.2 247.8

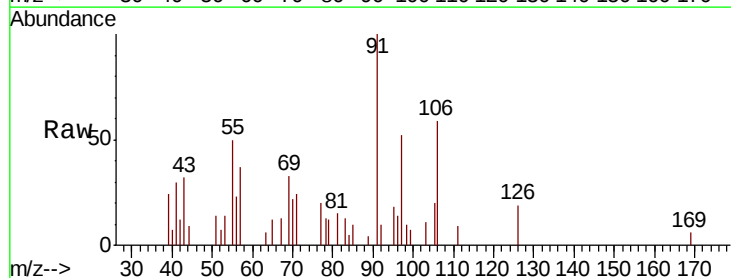


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

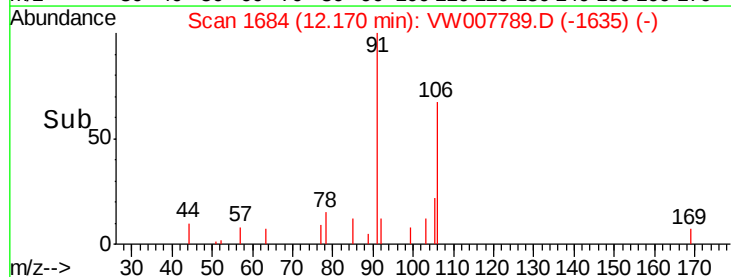
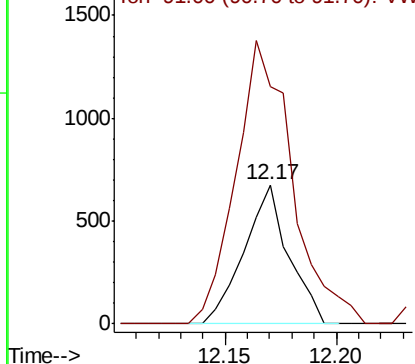


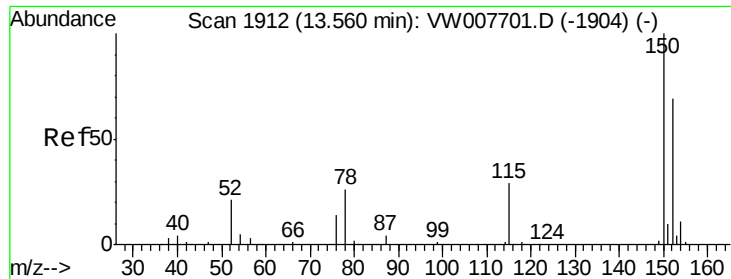
#69
o-Xylene
Concen: 4.322 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

Tgt Ion:106 Resp: 941
Ion Ratio Lower Upper
106 100
91 258.2 110.5 331.4



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: VW007789.D

Acq: 21 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

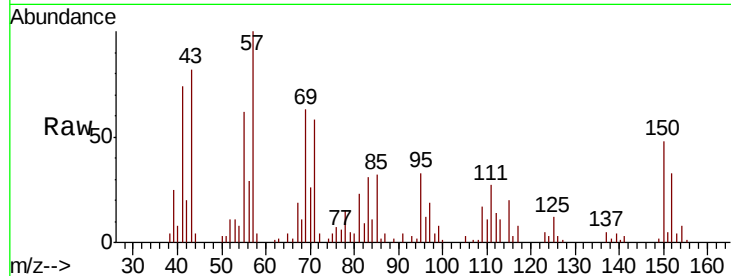
Tot Ion:152 Resp: 4940

Ion Ratio Lower Upper

152 100

115 48.0 31.8 95.4

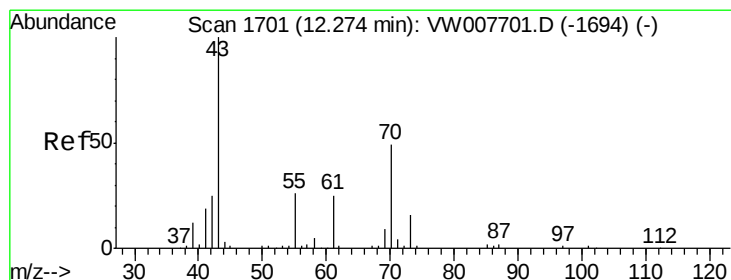
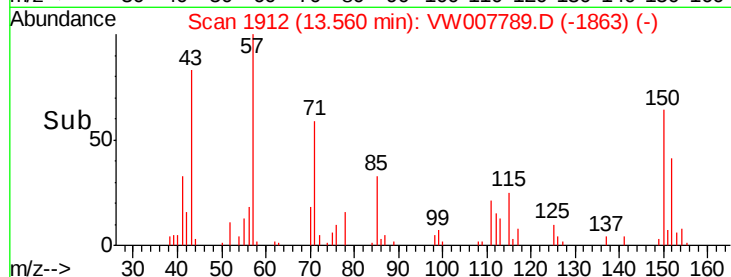
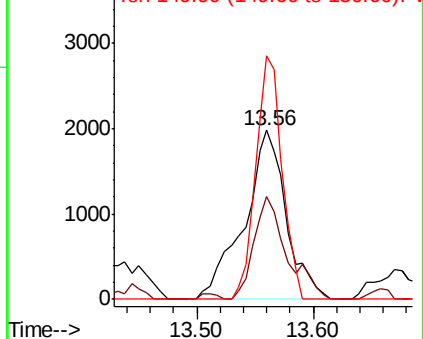
150 90.4 0.0 350.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 61.503 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007789.D

Acq: 21 Dec 2018 12:07

Tgt Ion: 43 Resp: 3978

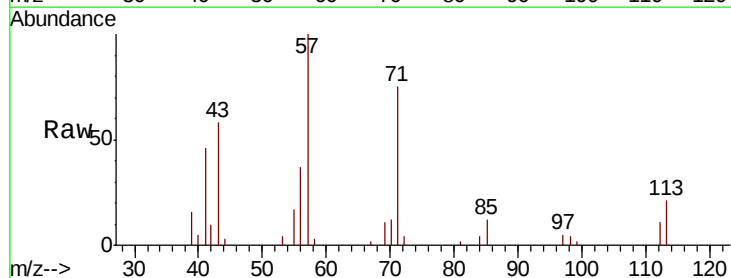
Ion Ratio Lower Upper

43 100

70 0.0 37.6 56.4#

55 0.0 21.7 32.5#

61 0.0 20.1 30.1#

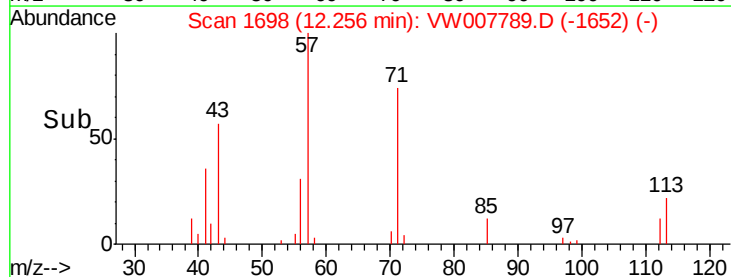
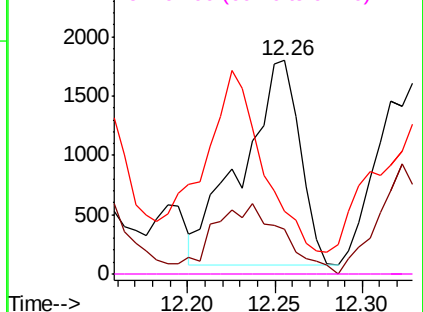


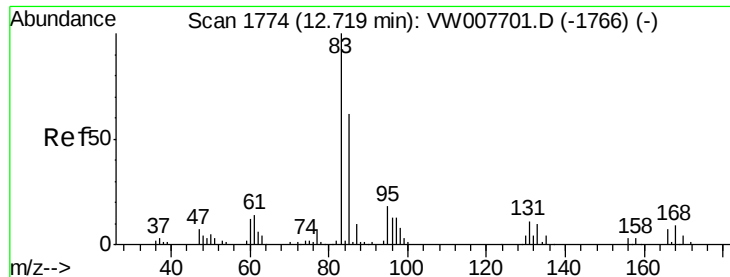
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 26.703 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW007789.D

Acq: 21 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

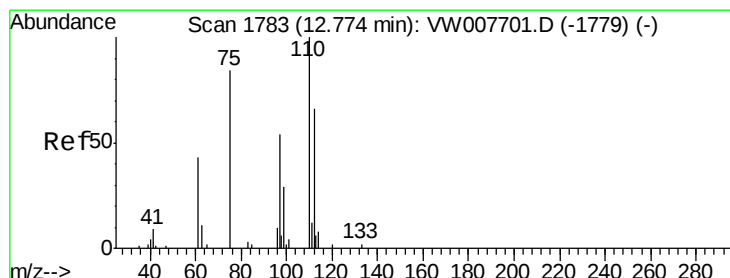
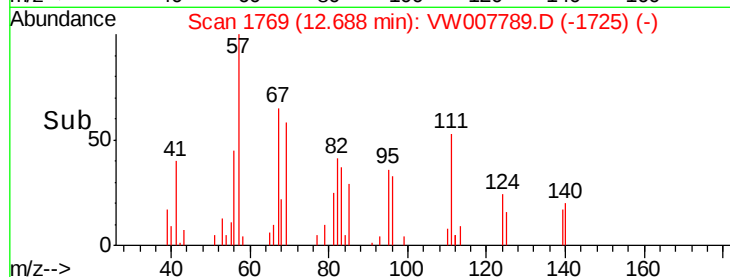
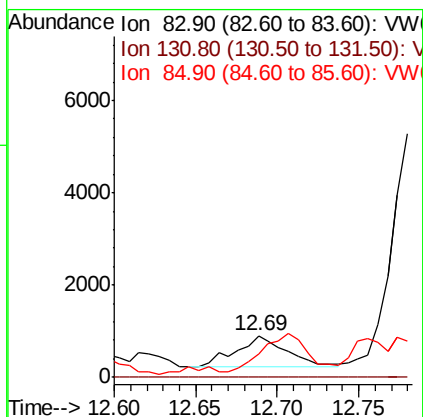
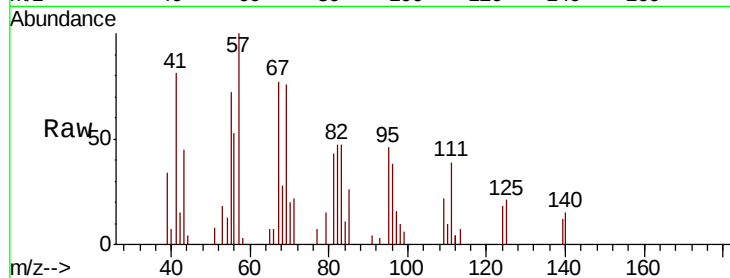
Tot Ion: 83 Resp: 1495

Ion Ratio Lower Upper

83 100

131 0.0 6.3 18.8#

85 109.0 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 70.243 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007789.D

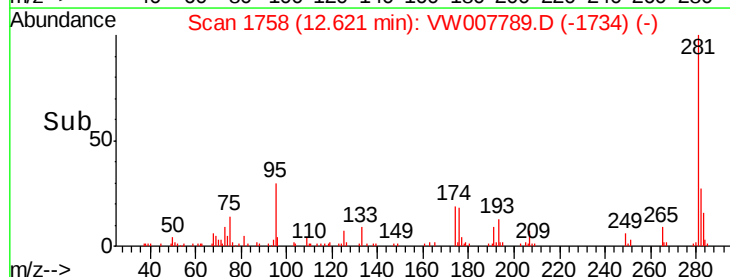
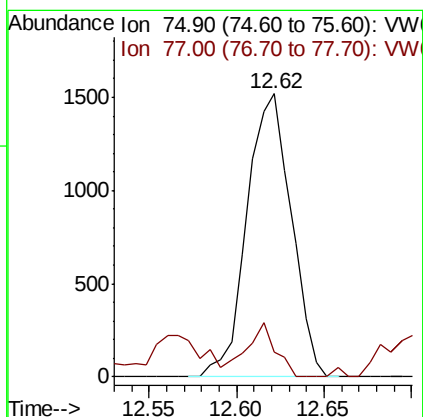
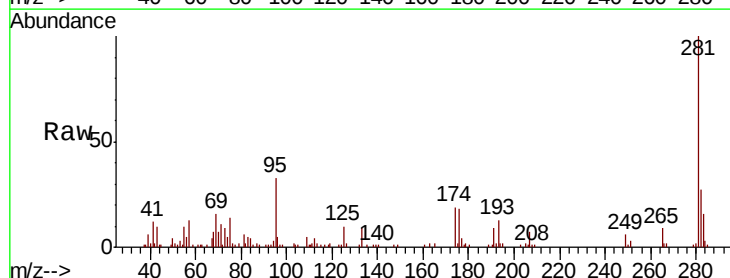
Acq: 21 Dec 2018 12:07

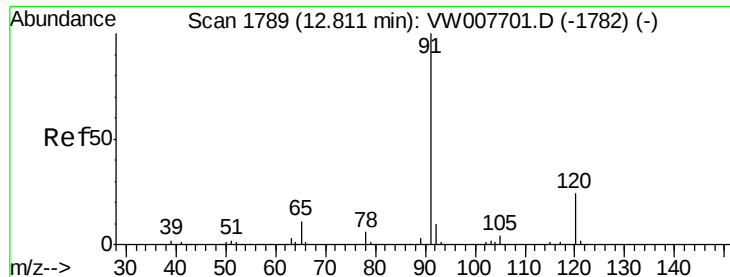
Tgt Ion: 75 Resp: 2682

Ion Ratio Lower Upper

75 100

77 12.5 0.0 0.0#

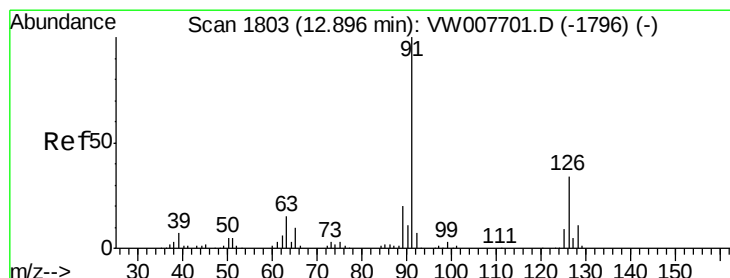
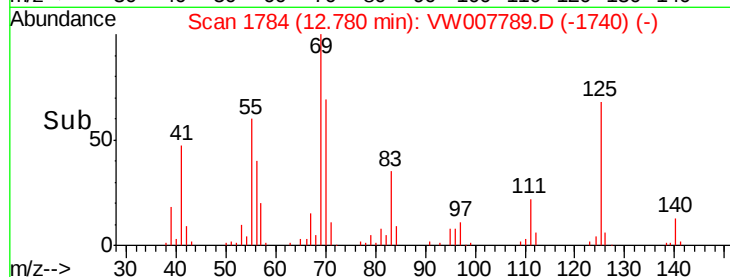
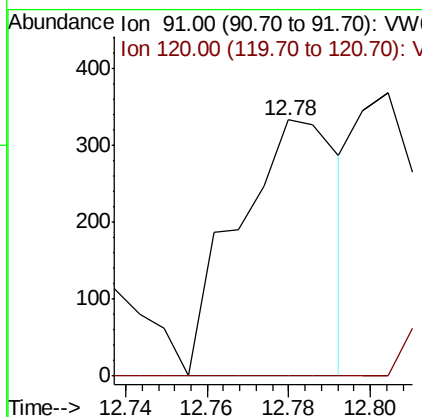
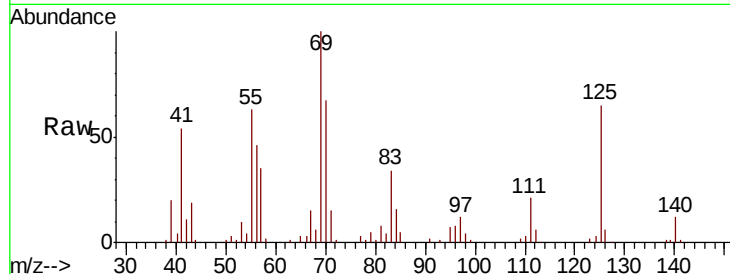




#78
n-propylbenzene
Concen: 1.323 ug/l
RT: 12.78 min Scan# 1784
Delta R.T. -0.03 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

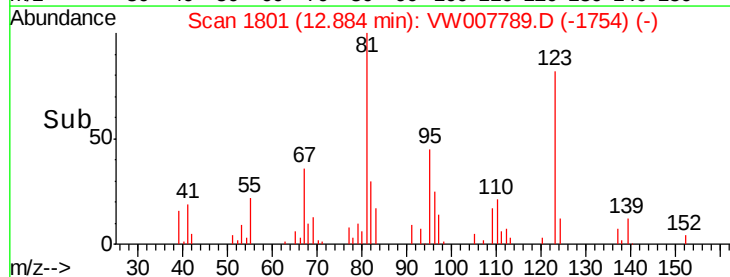
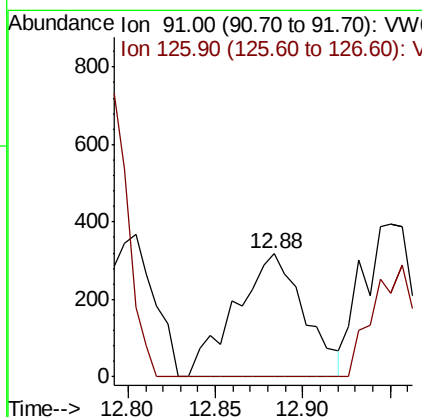
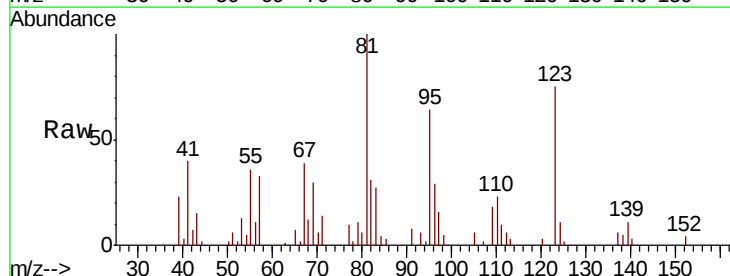
Instrument :
MSVOA_W
ClientSampled :

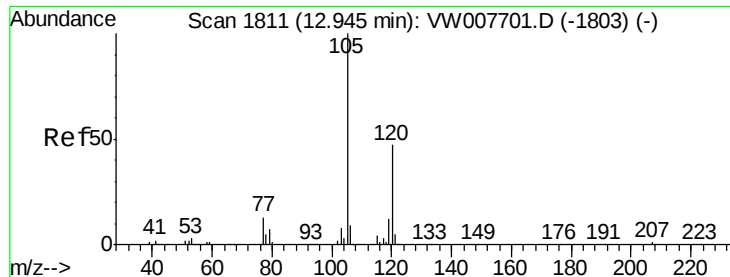
Tot Ion: 91 Resp: 575
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.7#



#79
2-Chlorotoluene
Concen: 3.440 ug/l
RT: 12.88 min Scan# 1801
Delta R.T. -0.01 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

Tgt Ion: 91 Resp: 871
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#

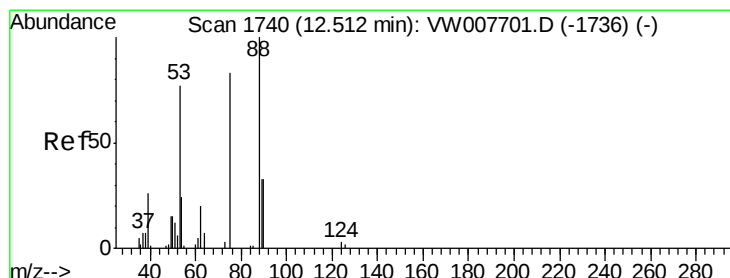
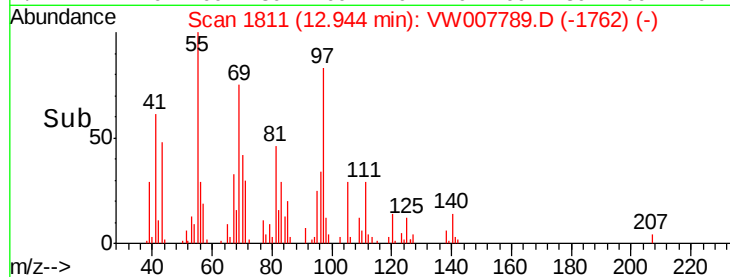
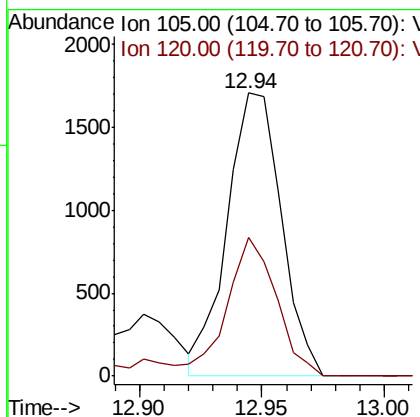
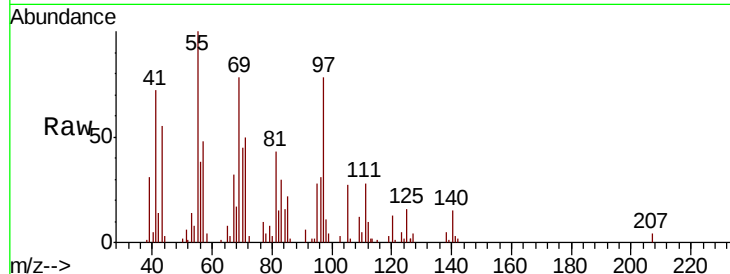




#80
 1,3,5-Trimethylbenzene
 Concen: 8.172 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007789.D
 Acq: 21 Dec 2018 12:07

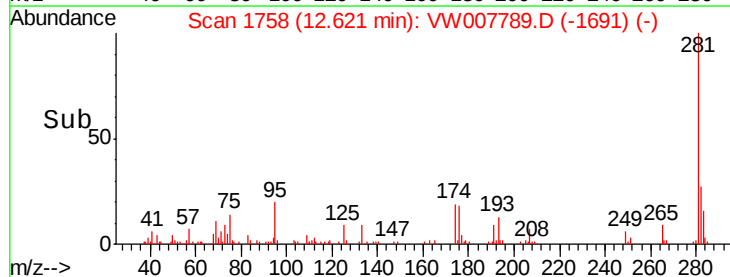
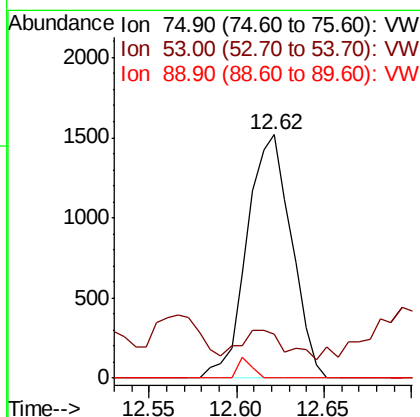
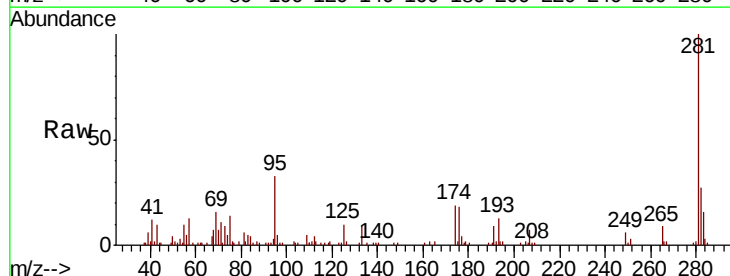
Instrument :
 MSVOA_W
 ClientSampled :

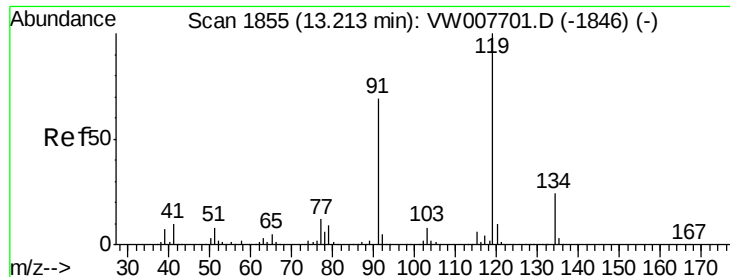
Tot Ion: 105 Resp: 2632
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.6 70.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.446 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW007789.D
 Acq: 21 Dec 2018 12:07

Tgt Ion: 75 Resp: 2682
 Ion Ratio Lower Upper
 75 100
 53 12.3 80.2 120.2#
 89 2.7 39.2 58.8#

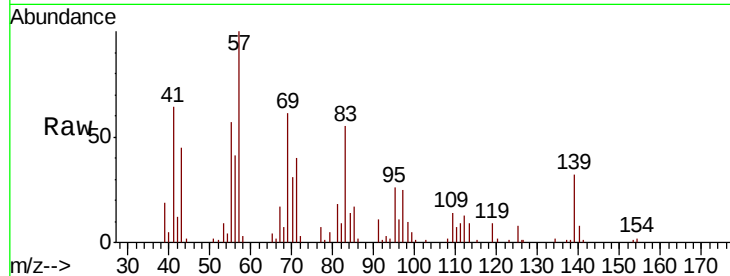




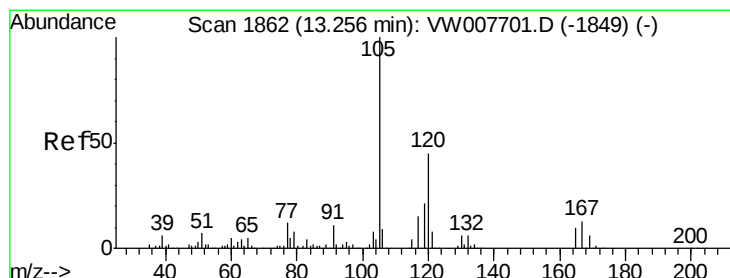
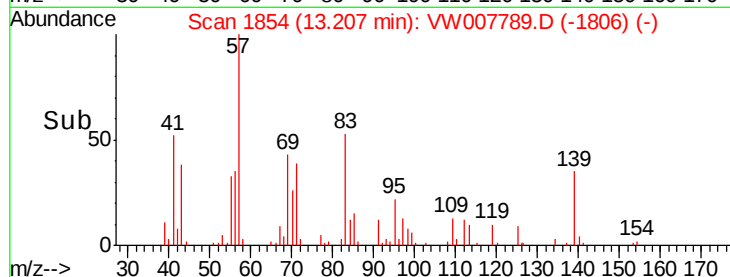
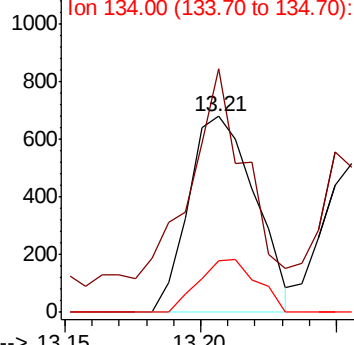
#83
tert-Butylbenzene
Concen: 4.098 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 1158
Ion Ratio Lower Upper
119 100
91 94.4 34.2 102.5
134 23.7 12.8 38.4

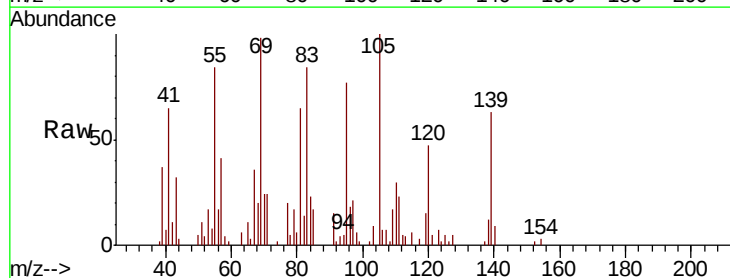


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

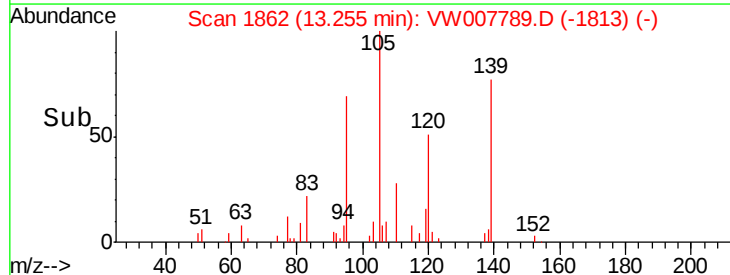
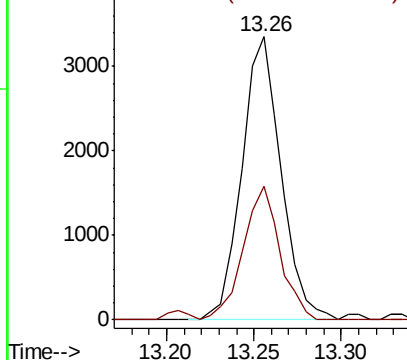


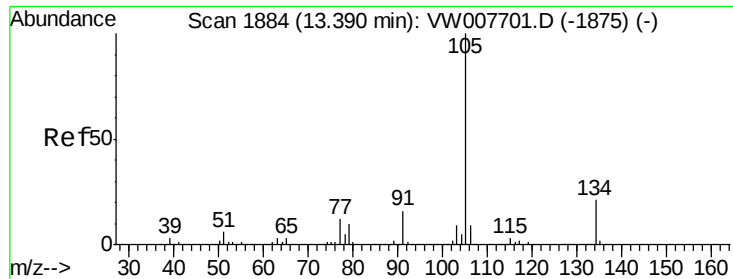
#84
1,2,4-Trimethylbenzene
Concen: 16.144 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

Tgt Ion:105 Resp: 5247
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

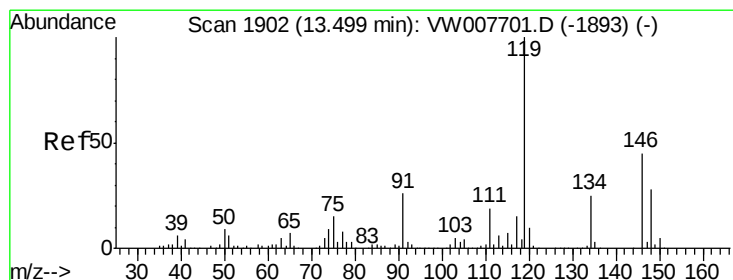
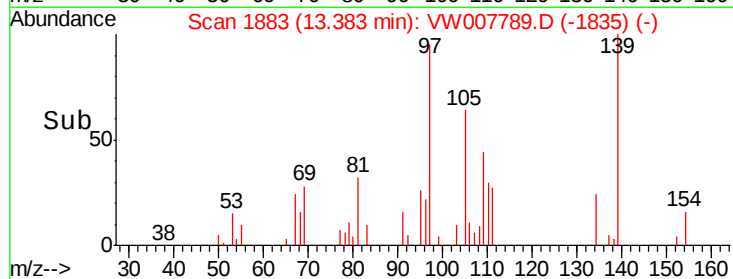
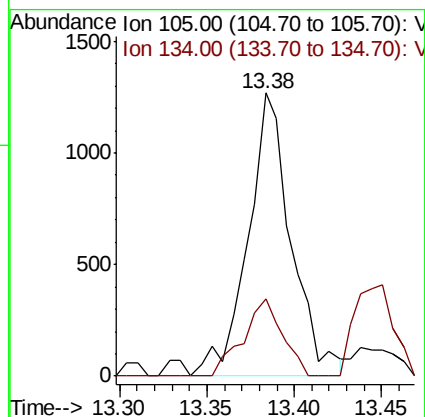
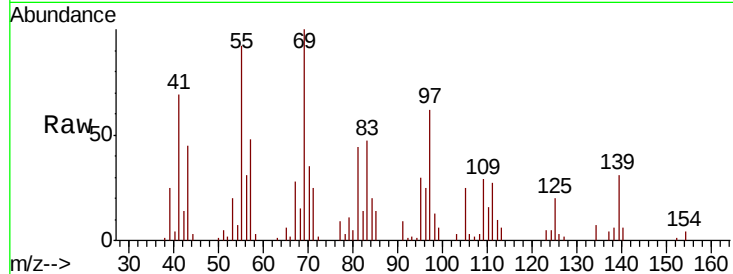




#85
 sec-Butylbenzene
 Concen: 5.595 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW007789.D
 Acq: 21 Dec 2018 12:07

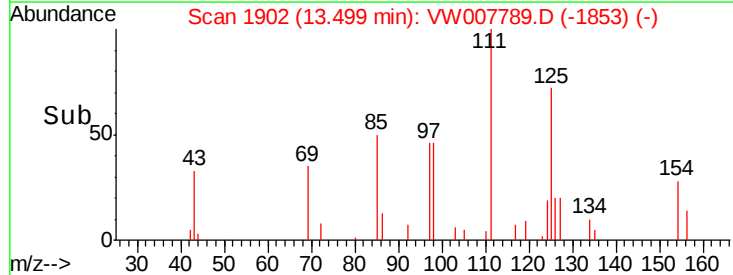
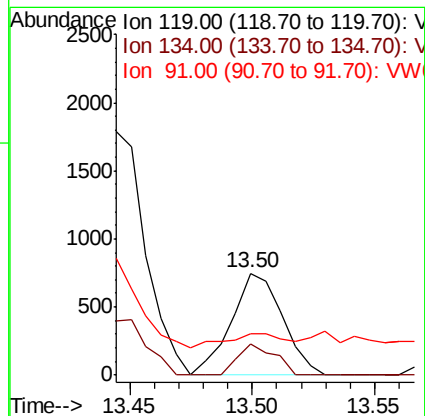
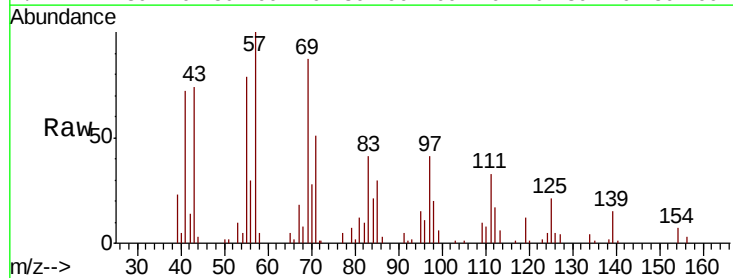
Instrument :
 MSVOA_W
 ClientSampled :

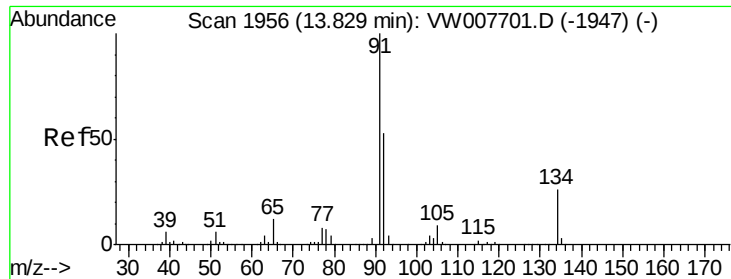
Tot Ion:105 Resp: 2179
 Ion Ratio Lower Upper
 105 100
 134 24.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 3.066 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007789.D
 Acq: 21 Dec 2018 12:07

Tgt Ion:119 Resp: 1086
 Ion Ratio Lower Upper
 119 100
 134 21.6 13.0 39.0
 91 16.4 12.8 38.4





#89

n-Butylbenzene

Concen: 4.031 ug/l

RT: 13.79 min Scan# 1950

Delta R.T. -0.04 min

Lab File: VW007789.D

Acq: 21 Dec 2018 12:07

Instrument:

MSVOA_W

ClientSampleID:

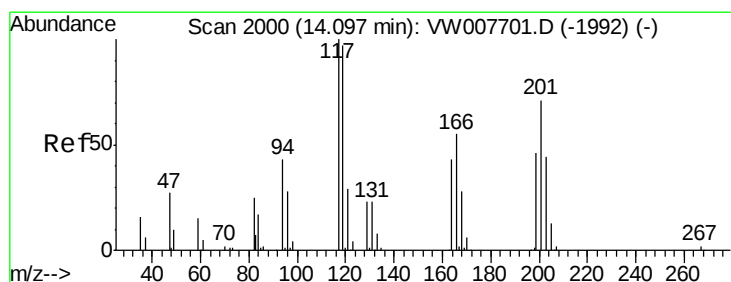
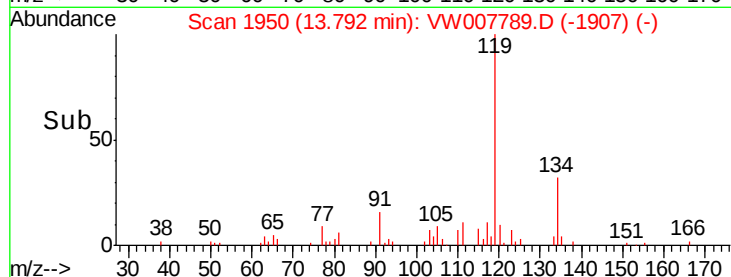
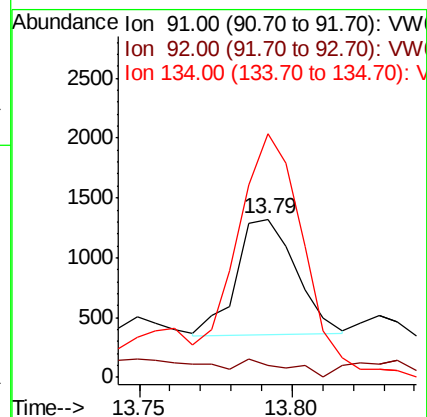
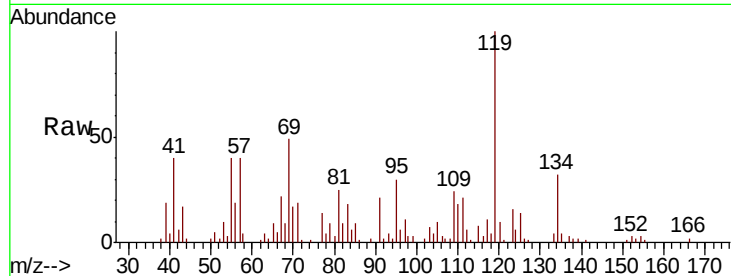
Tot Ion: 91 Resp: 1309

Ion Ratio Lower Upper

91 100

92 12.0 26.4 79.2#

134 240.0 13.7 41.0#



#90

Hexachloroethane

Concen: 8.958 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007789.D

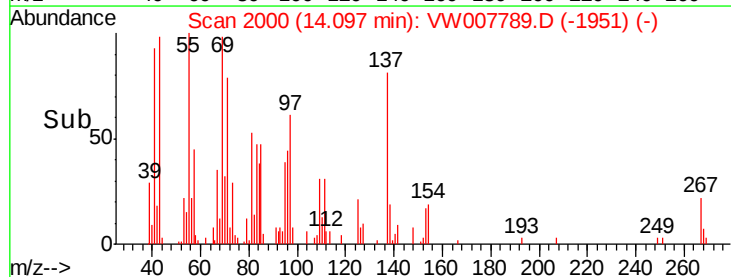
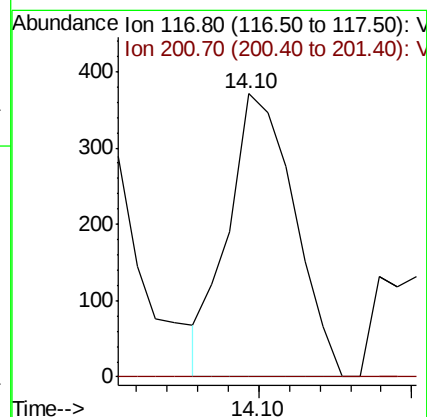
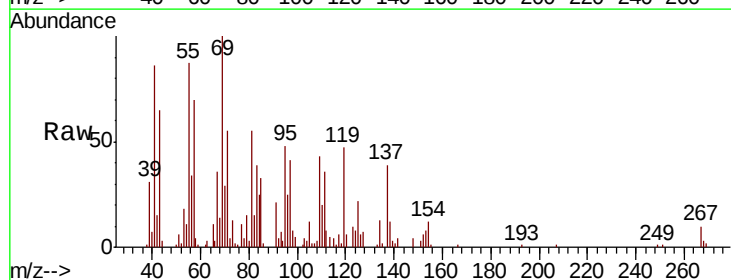
Acq: 21 Dec 2018 12:07

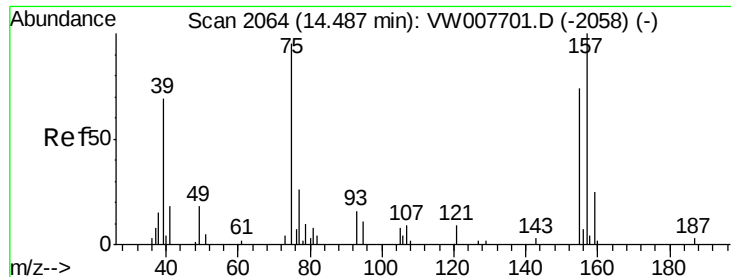
Tgt Ion: 117 Resp: 557

Ion Ratio Lower Upper

117 100

201 0.0 36.2 108.6#

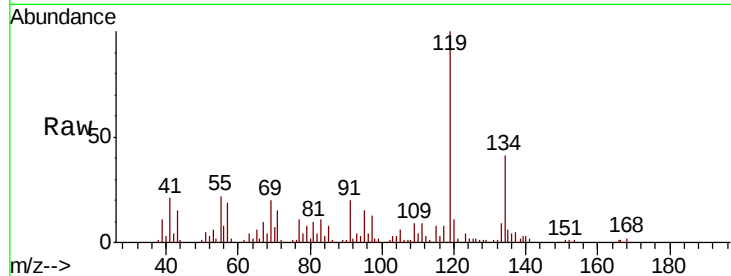




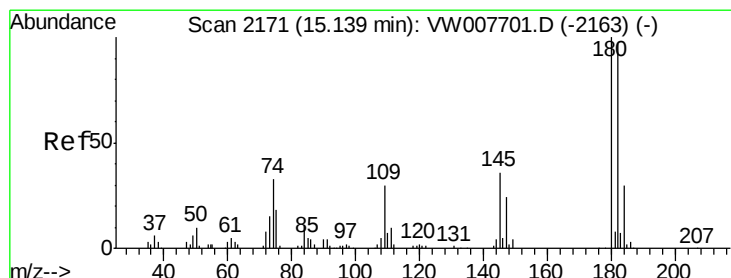
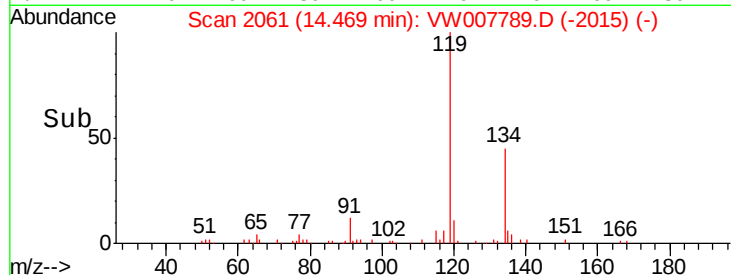
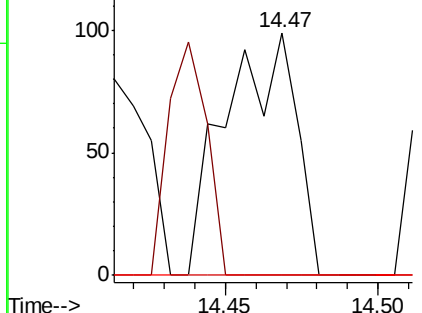
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.742 ug/l
 RT: 14.47 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: VW007789.D
 Acq: 21 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 158
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.4 118.1#
 157 0.0 52.0 156.0#

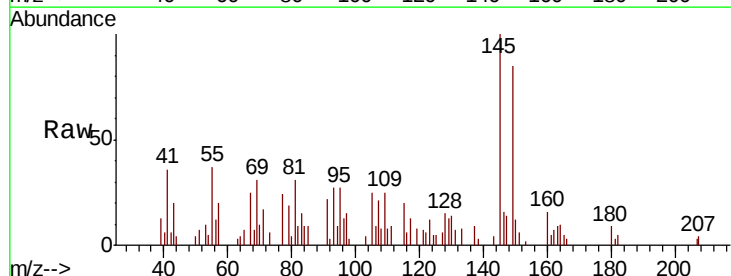


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

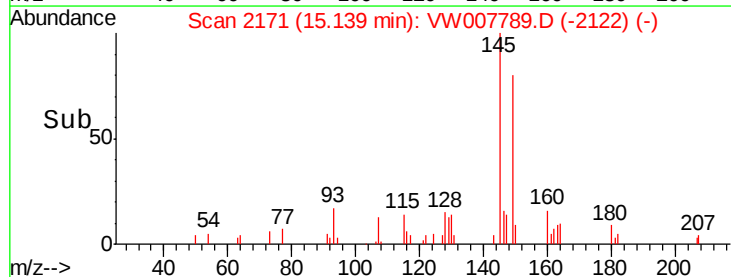
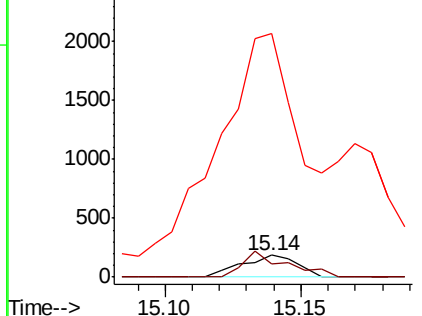


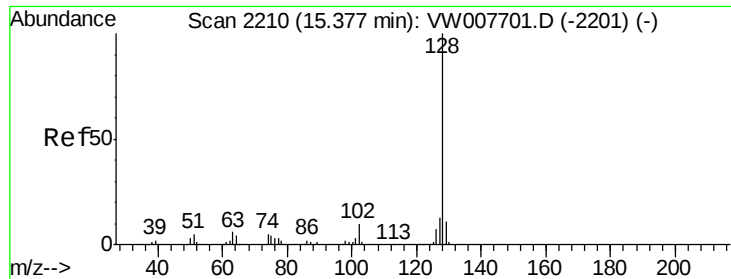
#93
 1,2,4-Trichlorobenzene
 Concen: 2.481 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007789.D
 Acq: 21 Dec 2018 12:07

Tgt Ion: 180 Resp: 262
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.5 142.6
 145 1452.3 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

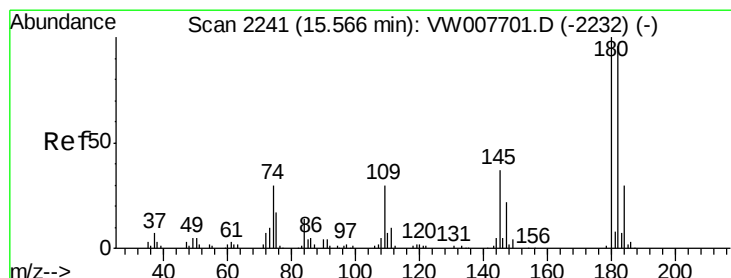
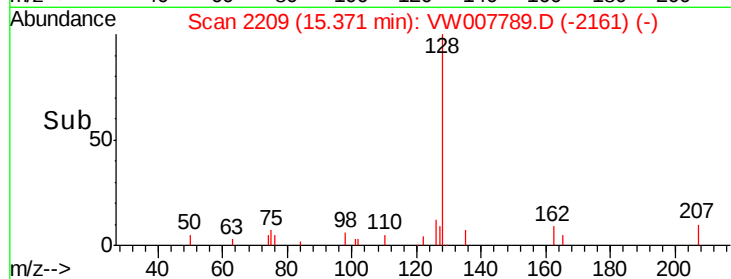
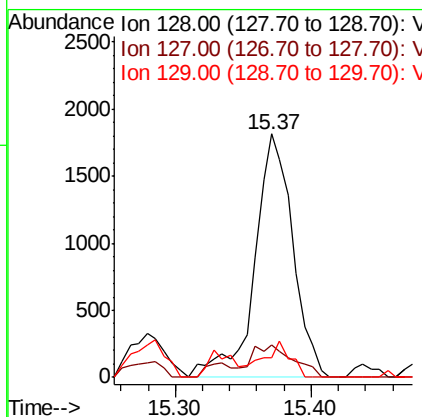
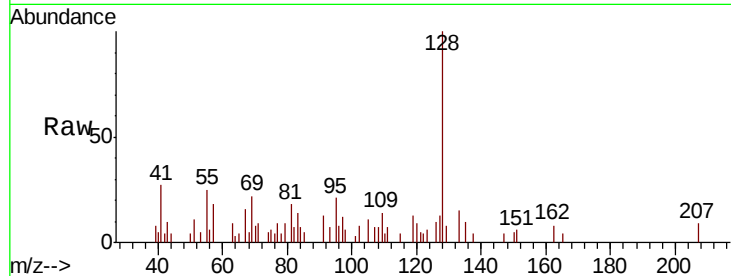




#95
Naphthalene
Concen: 18.306 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 3574
Ion Ratio Lower Upper
128 100
127 14.1 10.7 16.1
129 10.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.257 ug/l
RT: 15.58 min Scan# 2243
Delta R.T. 0.01 min
Lab File: VW007789.D
Acq: 21 Dec 2018 12:07

Tgt Ion:180 Resp: 204
Ion Ratio Lower Upper
180 100
182 58.3 47.4 142.2
145 337.7 18.4 55.0#

