

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030519\
 Data File : VW009007.D
 Acq On : 05 Mar 2019 19:57
 Operator : SY/VA
 Sample : K1688-15RE
 Misc : 6.62G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 06 06:53:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	317667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	499958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	425481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162781	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	178943	60.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.12%	
35) Dibromofluoromethane	7.88	113	147809	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	10.32	98	583358	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.62	95	182817	40.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.58%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.13	59	3894	14.681	ug/l #	70
13) Acrolein	3.89	56	145	20.257	ug/l #	14
16) Acetone	4.13	43	41465	60.041	ug/l	93
17) Carbon Disulfide	4.37	76	9269	1.004	ug/l	97
20) Methylene Chloride	4.92	84	10012	Below Cal		87
25) 2-Butanone	7.18	43	8945	9.264	ug/l	91
29) Tetrahydrofuran	7.54	42	2190	3.559	ug/l	90
31) Cyclohexane	7.95	56	12800	2.279	ug/l #	71
36) 1,1-Dichloropropene	7.95	75	24545	5.043	ug/l #	50
37) Ethyl Acetate	7.18	43	8945	3.952	ug/l #	72
38) Carbon Tetrachloride	7.95	117	30013	5.848	ug/l #	16
39) Methylcyclohexane	9.34	83	10353	1.705	ug/l	97
40) Benzene	8.32	78	31226	2.350	ug/l	100
49) 1,4-Dioxane	9.43	88	32	1.094	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	3730	1.627	ug/l	92
52) Toluene	10.39	92	144047	15.973	ug/l	99
67) Ethyl Benzene	11.73	91	27947	1.747	ug/l	93
68) m/p-Xylenes	11.84	106	48202	7.543	ug/l	98
69) o-Xylene	12.17	106	35688	5.950	ug/l	96
73) Isopropylbenzene	12.46	105	19016	1.704	ug/l	100
74) N-amyl acetate	12.26	43	5387	1.916	ug/l #	45
76) 1,2,3-Trichloropropane	12.62	75	99657	74.151	ug/l #	100
78) n-propylbenzene	12.80	91	54525	3.994	ug/l	99
79) 2-Chlorotoluene	12.87	91	21471	2.770	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.94	105	127982	13.197	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	99657	180.267	ug/l #	6
82) 4-Chlorotoluene	12.94	91	14648	1.794	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.26	105	426621	42.498	ug/l	98
85) sec-Butylbenzene	13.39	105	29196	2.421	ug/l	79
86) p-Isopropyltoluene	13.51	119	28071	2.540	ug/l	100
89) n-Butylbenzene	13.82	91	43843	4.234	ug/l #	79
90) Hexachloroethane	14.10	117	12444	6.877	ug/l #	9
95) Naphthalene	15.37	128	63893	10.684	ug/l #	95

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Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

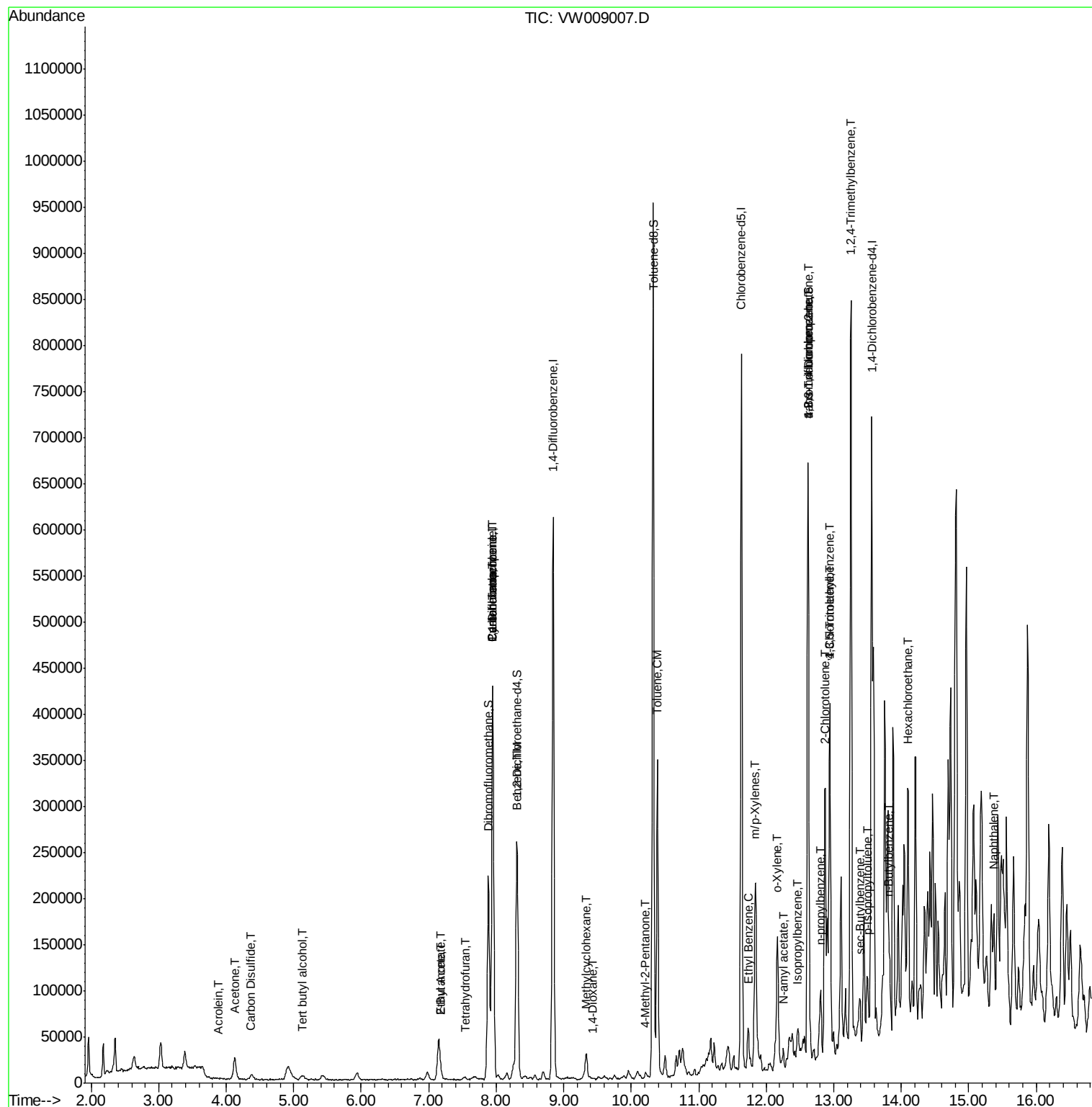
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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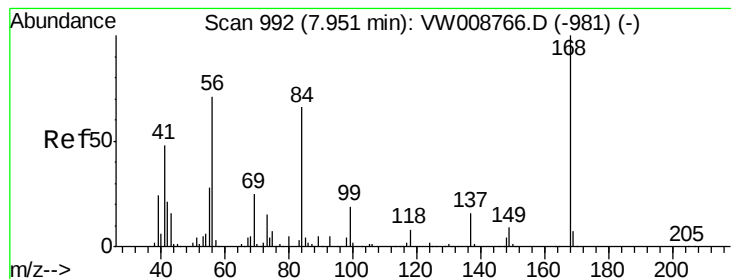
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

Instrument :

MSVOA_W

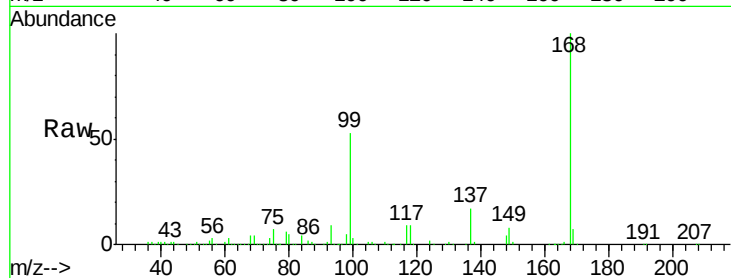
ClientSampleId :

Tot Ion:168 Resp: 317667

Ion Ratio Lower Upper

168 100

99 53.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

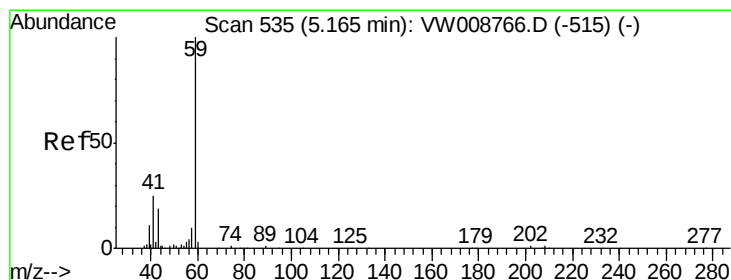
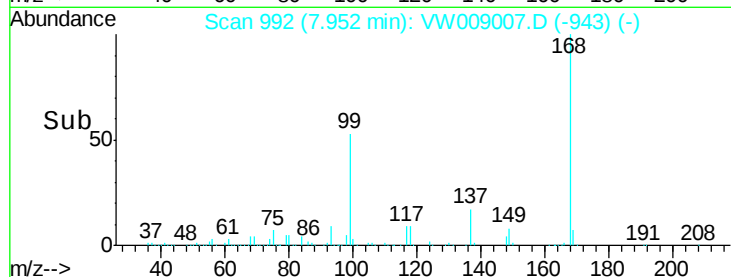
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 14.681 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW009007.D

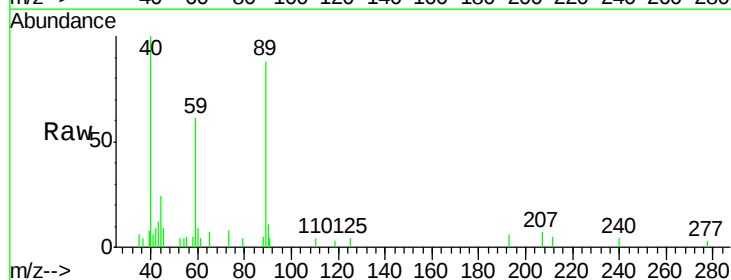
Acq: 05 Mar 2019 19:57

Tgt Ion: 59 Resp: 3894

Ion Ratio Lower Upper

59 100

57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

1200

1000

800

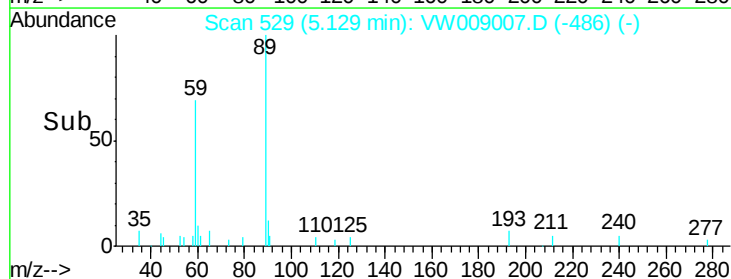
600

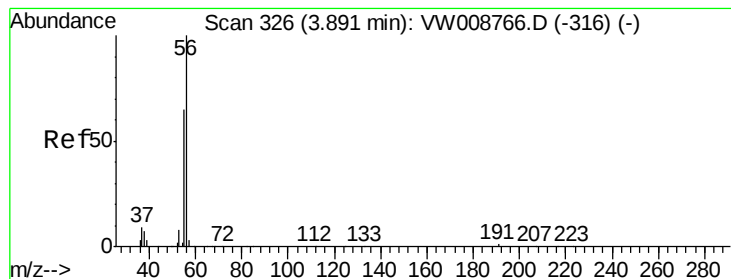
400

200

0

Time-->





#13

Acrolein

Concen: 20.257 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

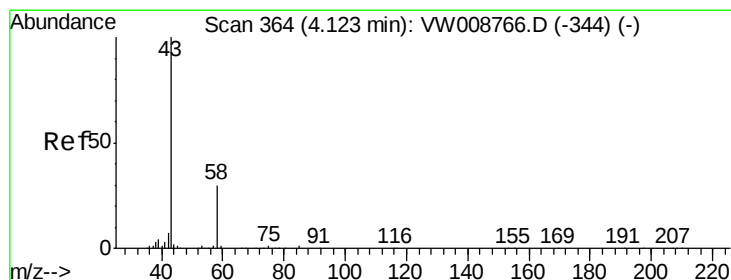
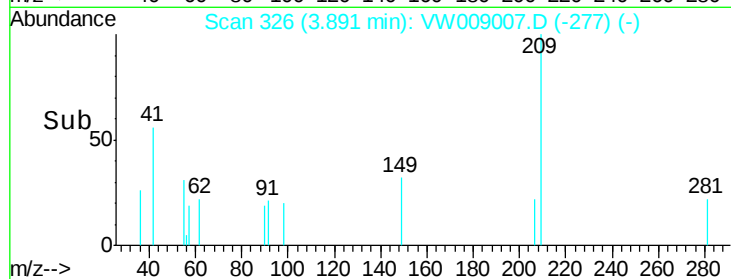
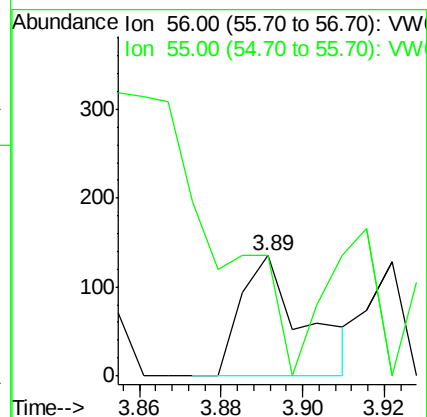
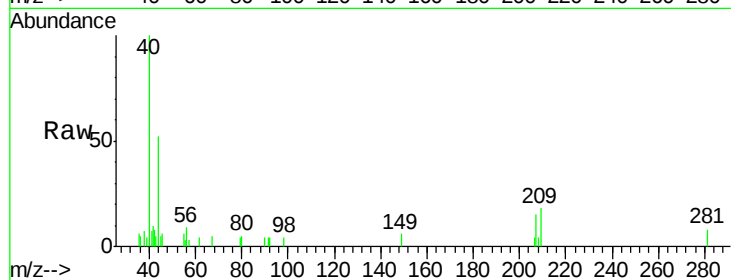
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 145

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#16

Acetone

Concen: 60.041 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009007.D

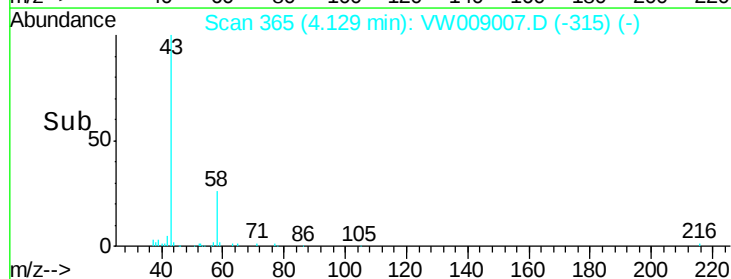
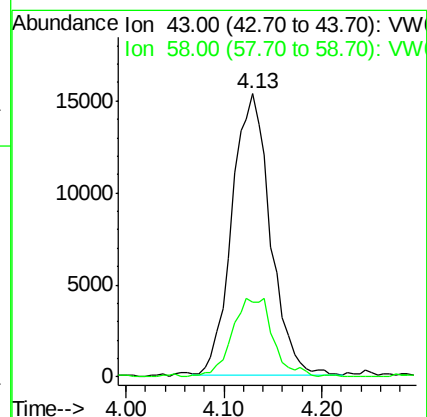
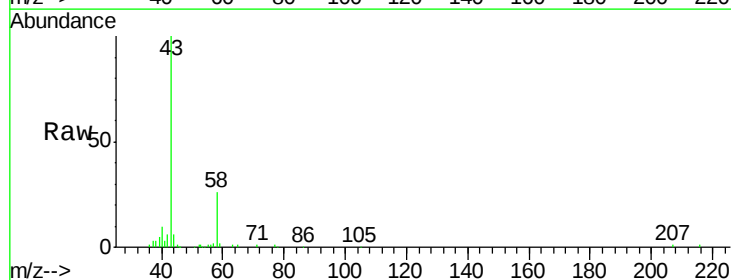
Acq: 05 Mar 2019 19:57

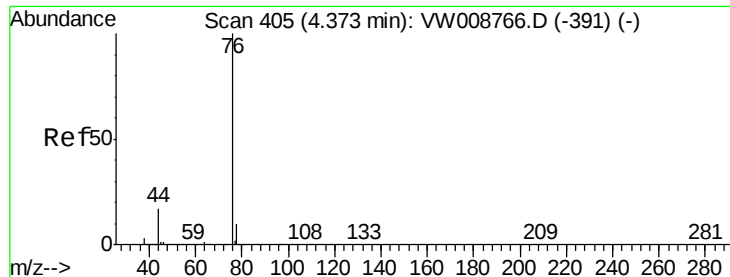
Tgt Ion: 43 Resp: 41465

Ion Ratio Lower Upper

43 100

58 26.1 23.8 35.6

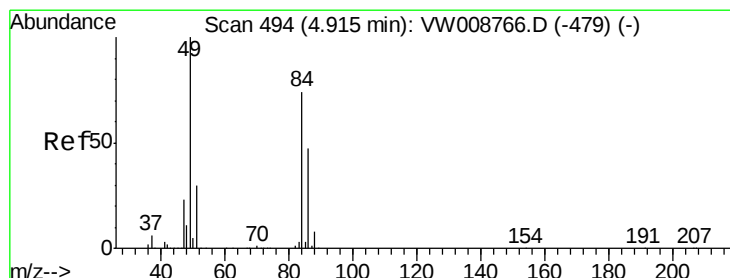
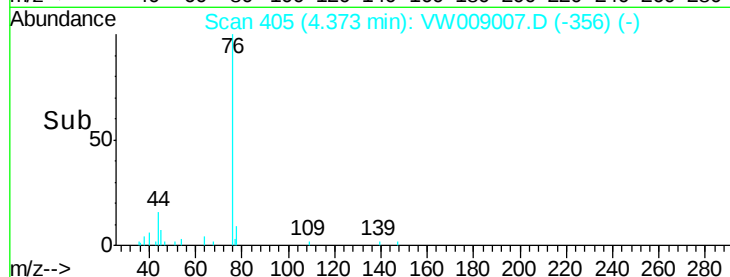
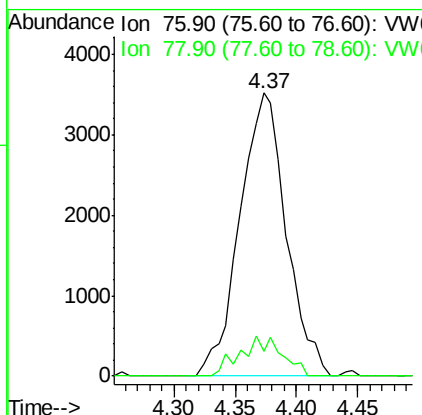
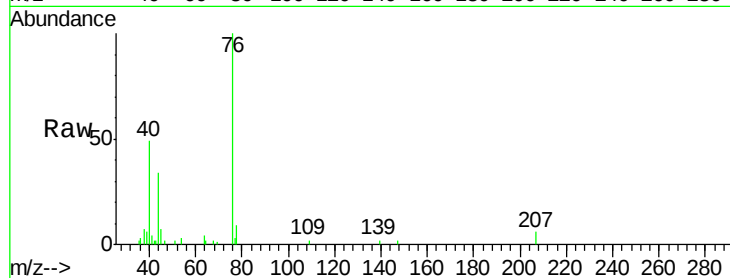




#17
Carbon Disulfide
Concen: 1.004 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW009007.D
Acq: 05 Mar 2019 19:57

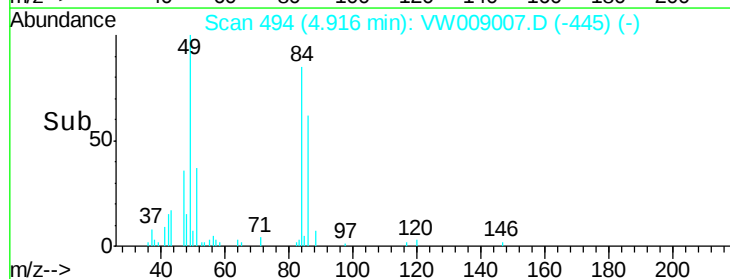
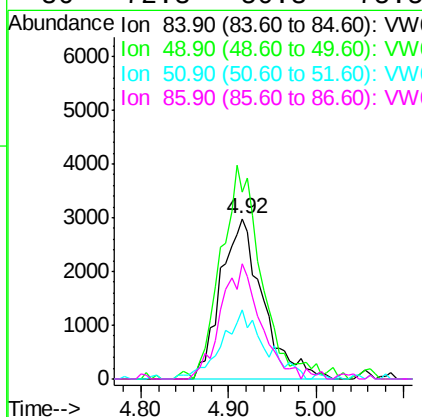
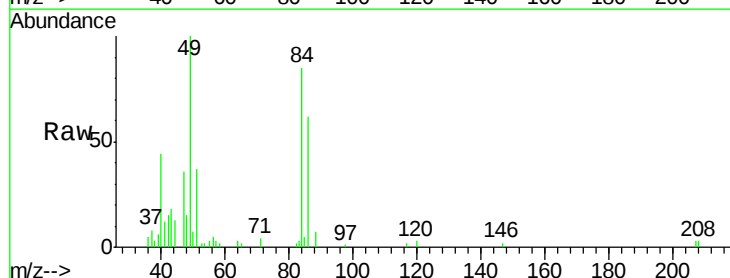
Instrument :
MSVOA_W
ClientSampleId :

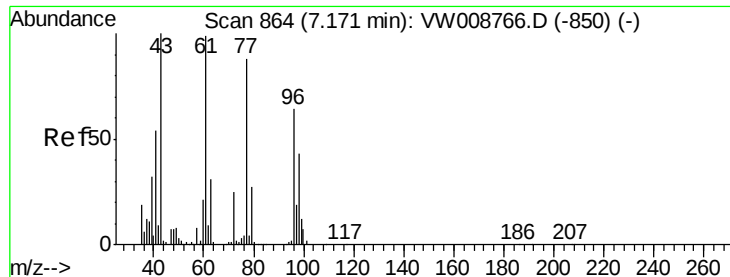
Tot Ion: 76 Resp: 9269
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009007.D
Acq: 05 Mar 2019 19:57

Tgt Ion: 84 Resp: 10012
Ion Ratio Lower Upper
84 100
49 115.1 108.2 162.2
51 41.5 32.7 49.1
86 72.3 50.3 75.5





#25

2-Butanone

Concen: 9.264 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

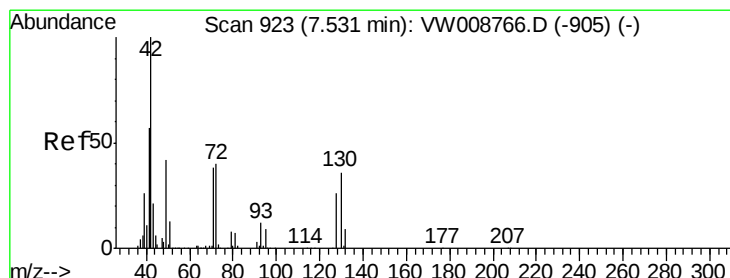
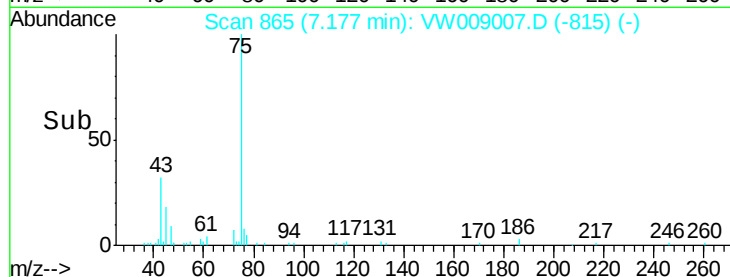
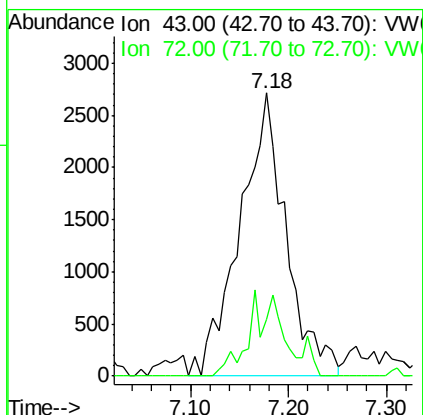
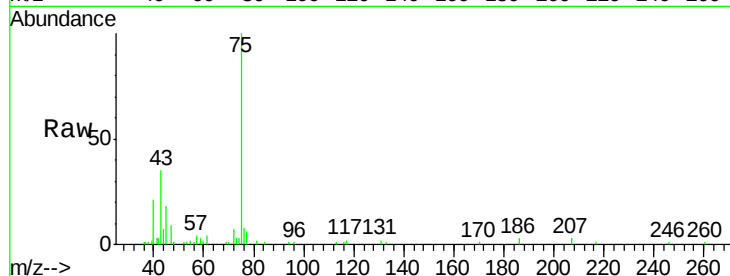
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 8945

Ion Ratio Lower Upper

43 100

72 20.0 19.7 29.5



#29

Tetrahydrofuran

Concen: 3.559 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

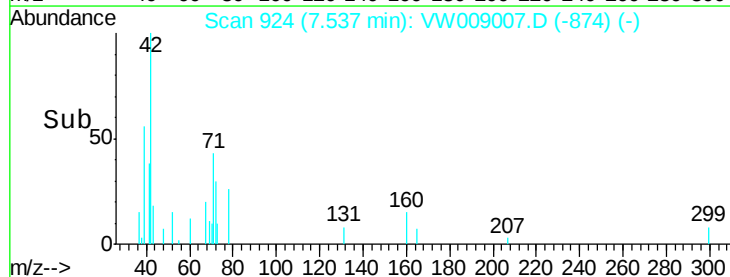
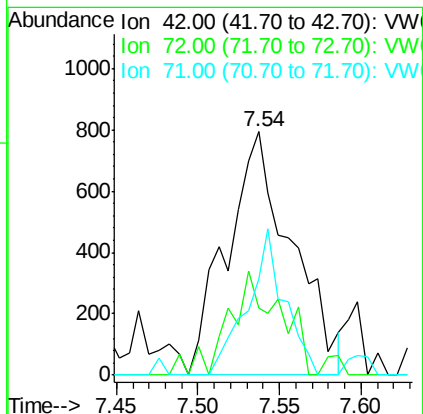
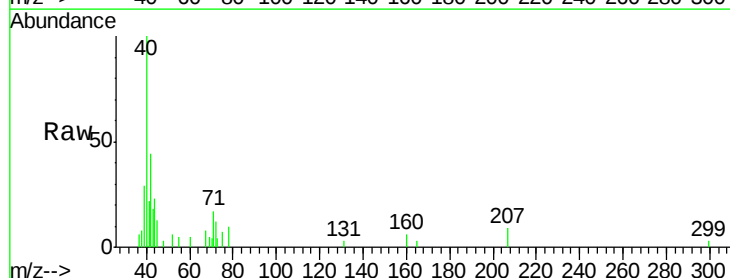
Tgt Ion: 42 Resp: 2190

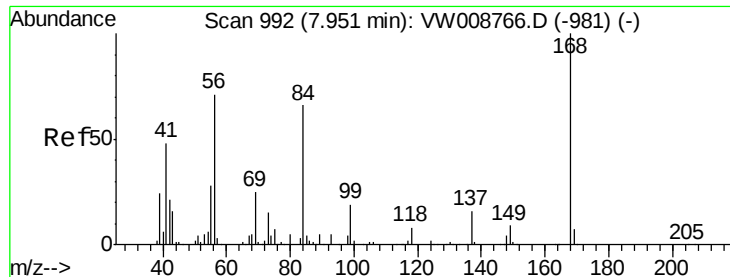
Ion Ratio Lower Upper

42 100

72 32.9 32.7 49.1

71 34.2 31.3 46.9

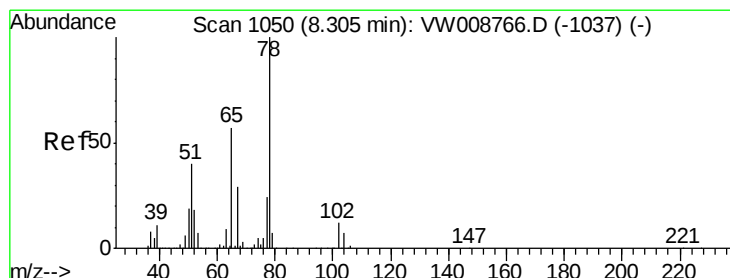
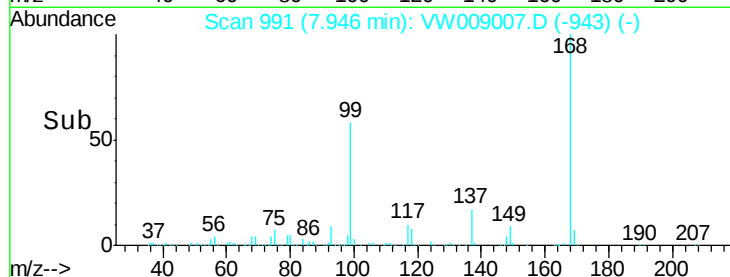
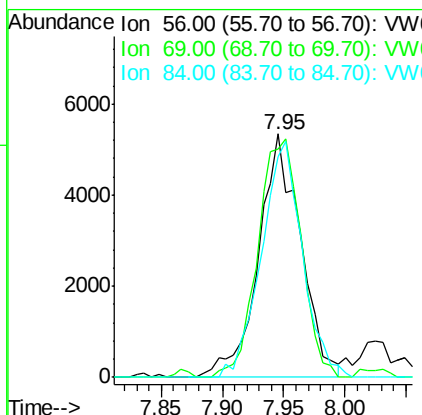
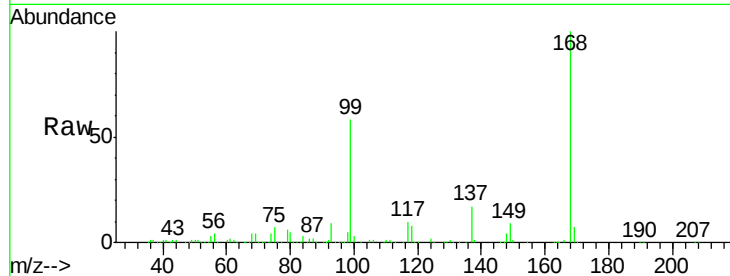




#31
Cyclohexane
Concen: 2.279 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009007.D
Acq: 05 Mar 2019 19:57

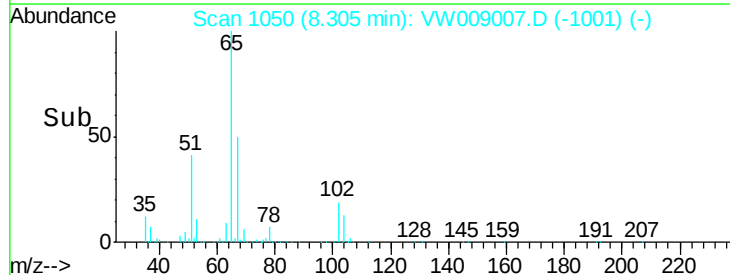
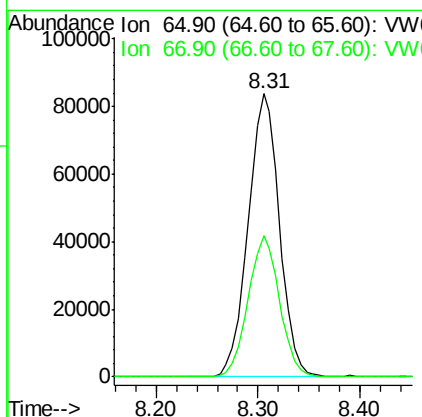
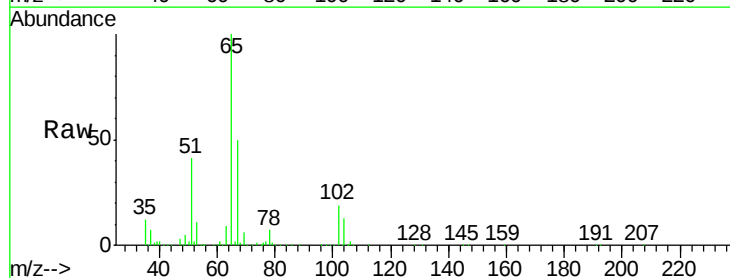
Instrument :
MSVOA_W
ClientSampled :

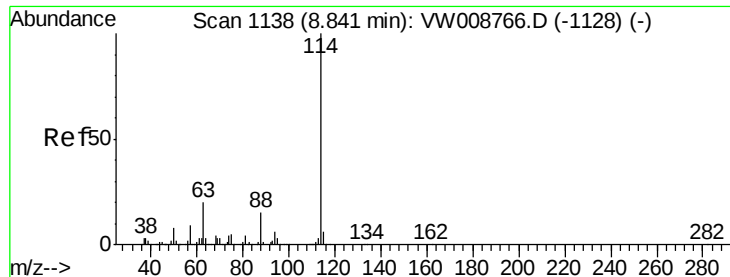
Tot Ion: 56 Resp: 12800
Ion Ratio Lower Upper
56 100
69 93.7 28.2 42.4#
84 90.5 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 60.059 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009007.D
Acq: 05 Mar 2019 19:57

Tgt Ion: 65 Resp: 178943
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

Instrument :
MSVOA_W
ClientSampleId :

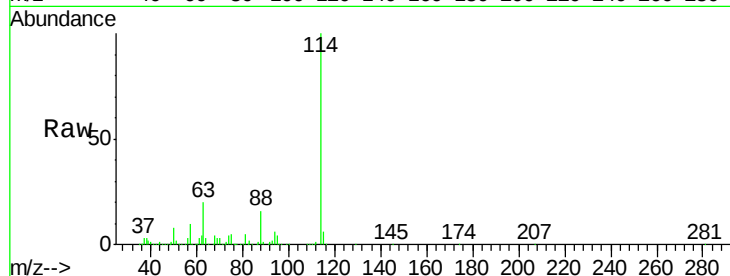
Tot Ion:114 Resp: 499958

Ion Ratio Lower Upper

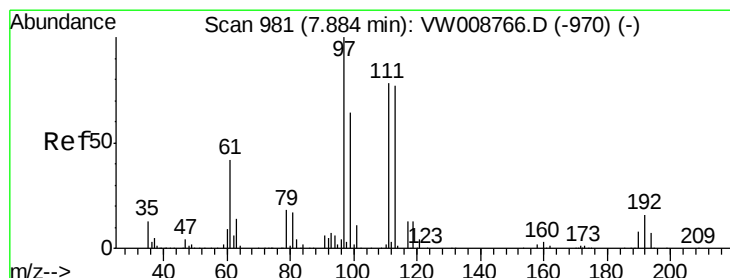
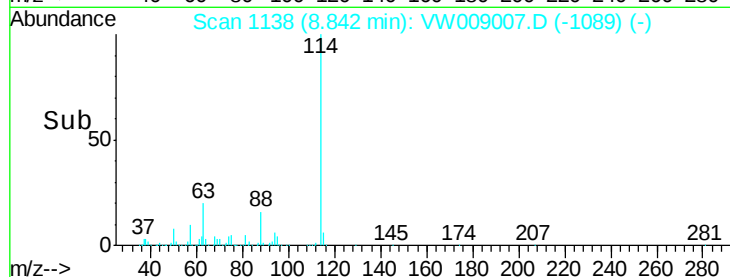
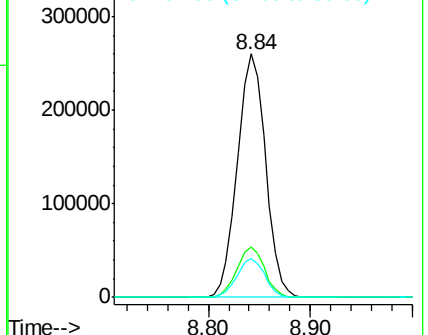
114 100

63 20.4 0.0 40.8

88 15.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 49.240 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

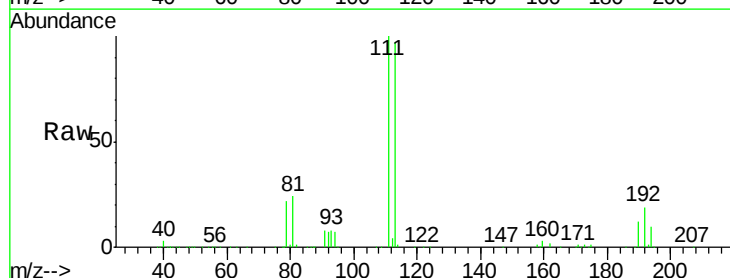
Tgt Ion:113 Resp: 147809

Ion Ratio Lower Upper

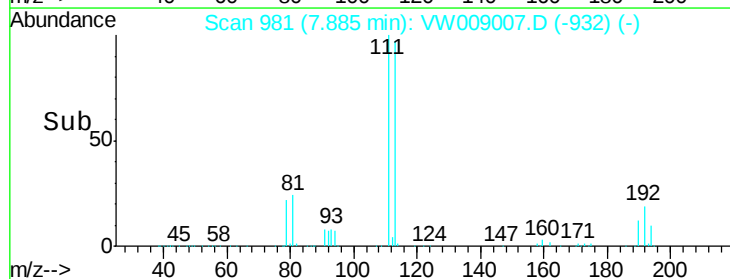
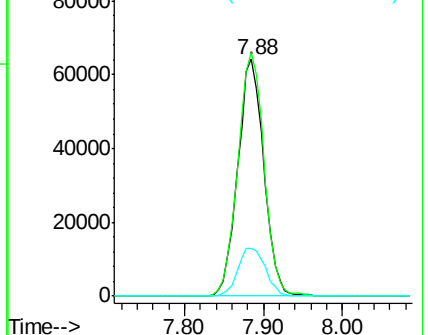
113 100

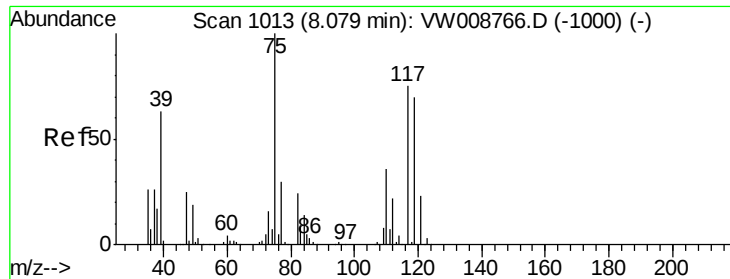
111 103.5 81.9 122.9

192 21.5 17.1 25.7



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: 5.043 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

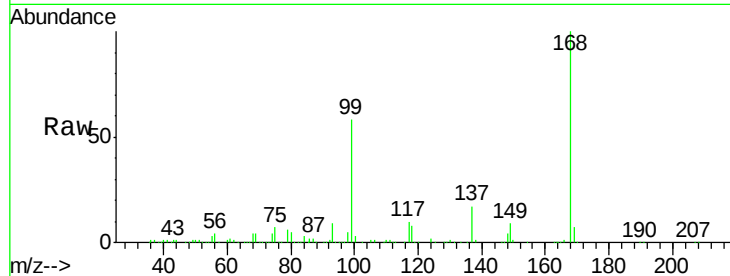
Tot Ion: 75 Resp: 24545

Ion Ratio Lower Upper

75 100

110 9.6 17.5 52.6#

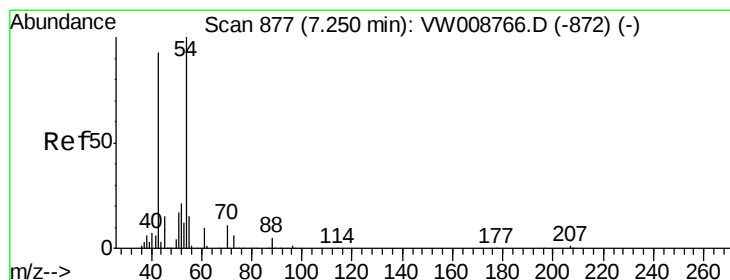
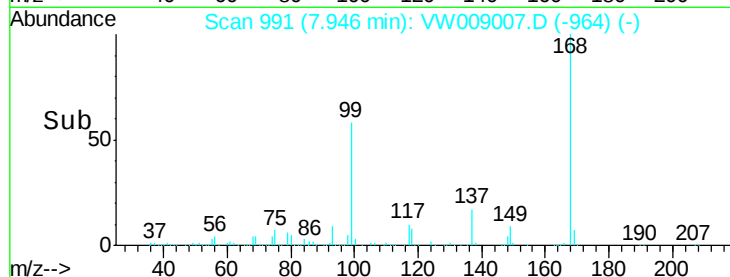
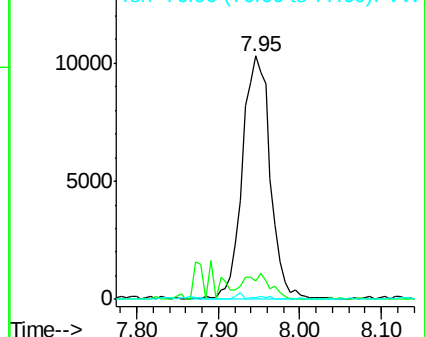
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 3.952 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.07 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

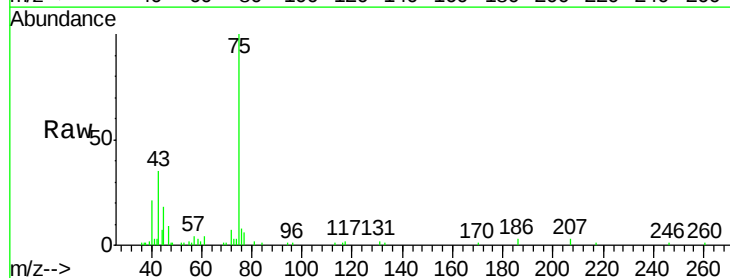
Tgt Ion: 43 Resp: 8945

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

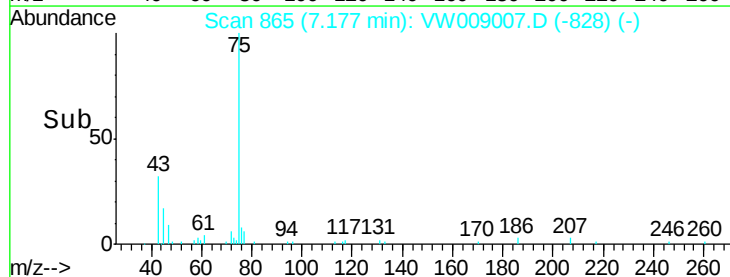
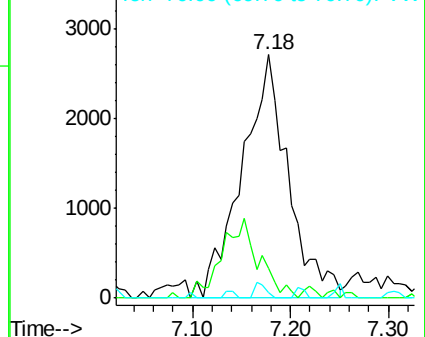
70 1.6 8.4 12.6#

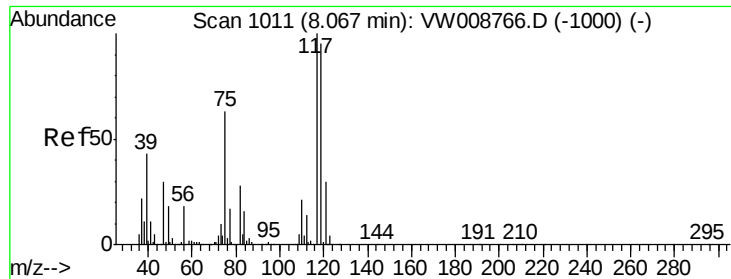


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW





#38

Carbon Tetrachloride

Concen: 5.848 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

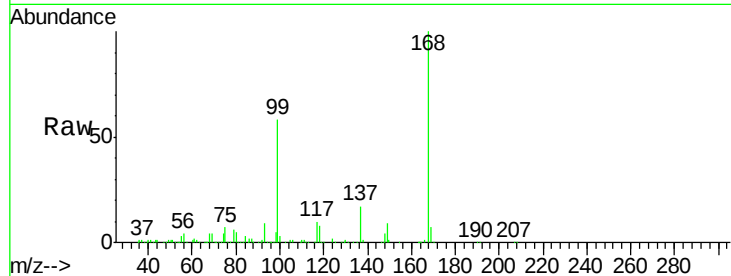
Instrument :

MSVOA_W

ClientSampled :

Tot Ion:117 Resp: 30013

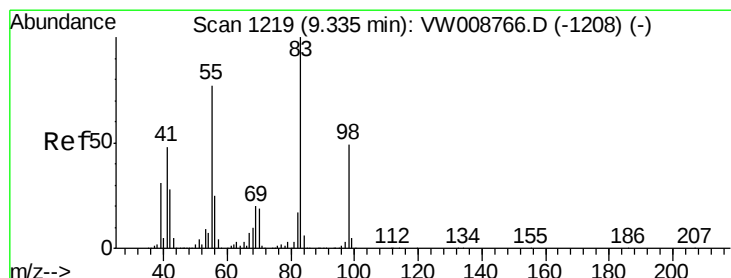
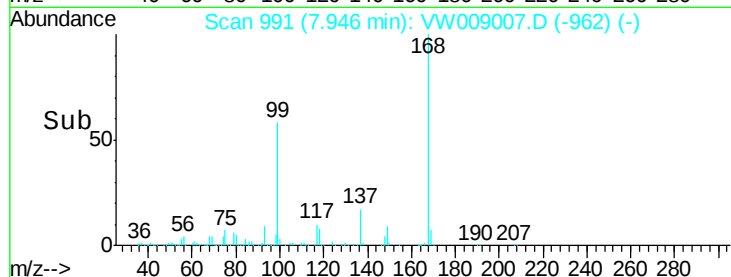
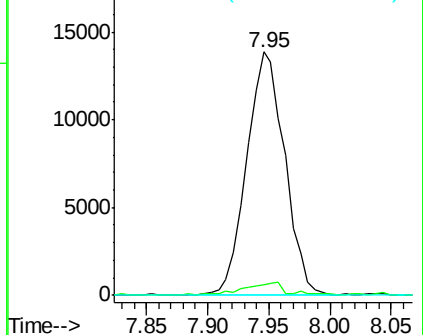
Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.1	114.1#
121	0.0	24.0	36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.705 ug/l

RT: 9.34 min Scan# 1219

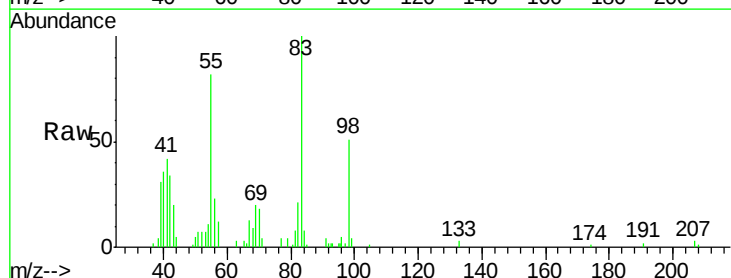
Delta R.T. 0.00 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

Tgt Ion: 83 Resp: 10353

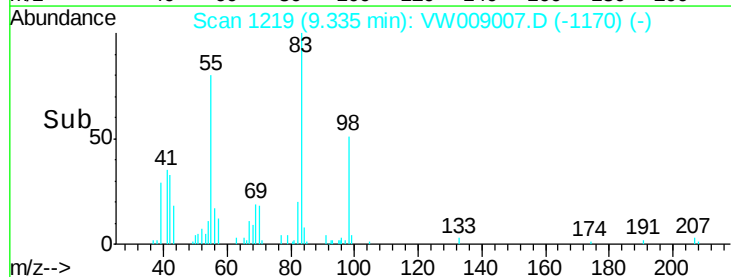
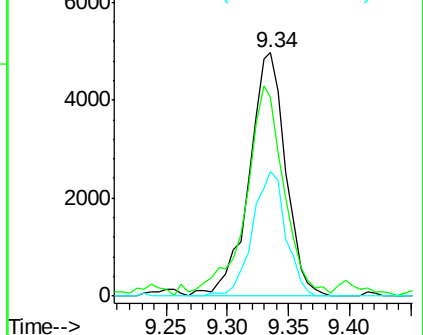
Ion	Ratio	Lower	Upper
83	100		
55	80.0	61.2	91.8
98	51.0	39.4	59.2

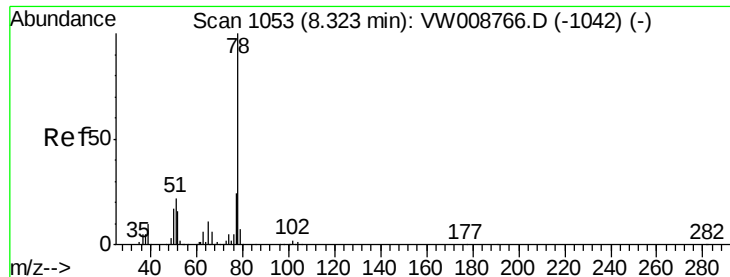


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 2.350 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

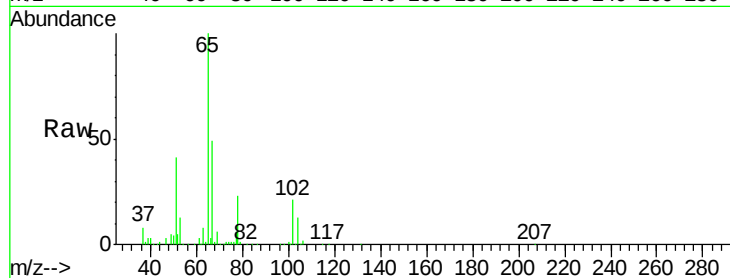
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 78 Resp: 31226

Ion Ratio Lower Upper

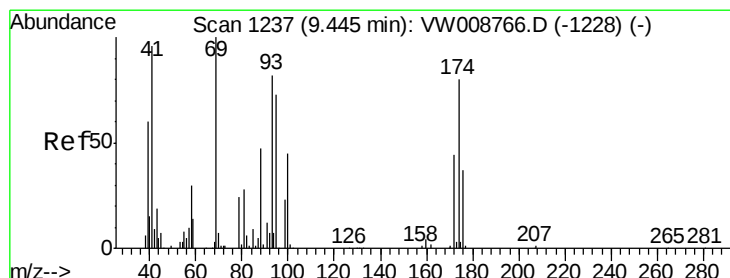
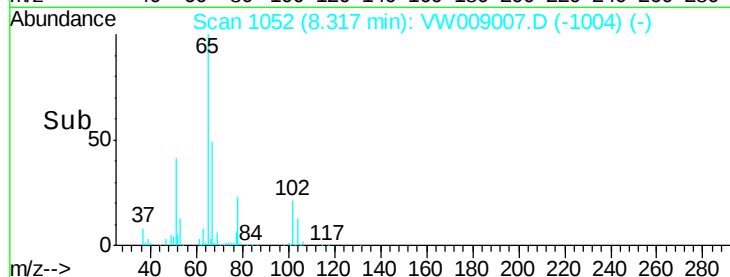
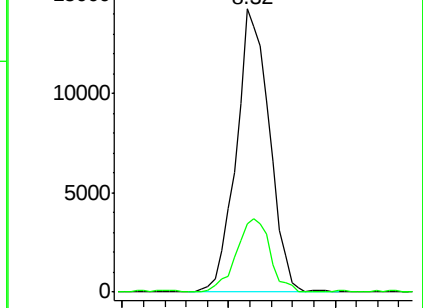
78 100

77 24.2 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



#49

1,4-Dioxane

Concen: 1.094 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

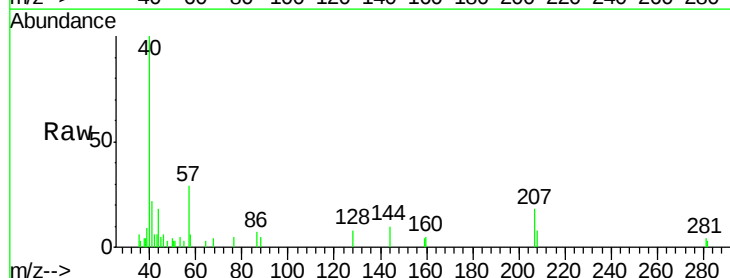
Tgt Ion: 88 Resp: 32

Ion Ratio Lower Upper

88 100

43 875.0 29.0 43.4#

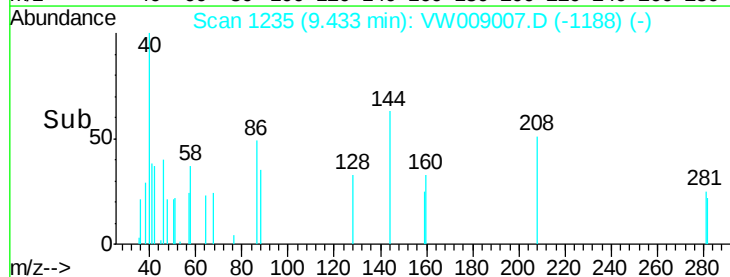
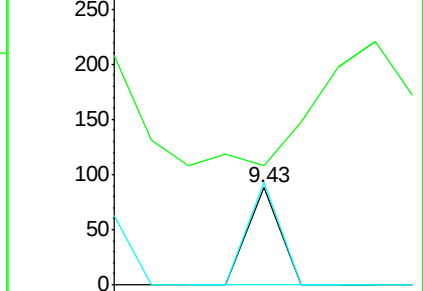
58 106.3 52.0 78.0#

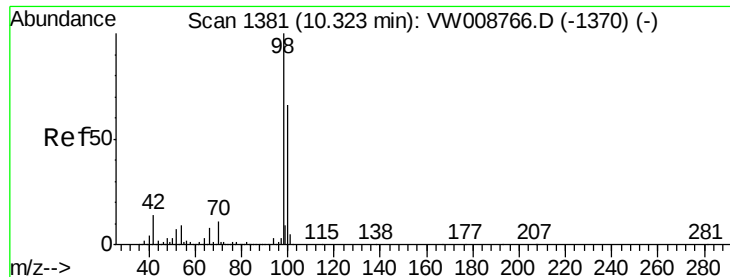


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 50.342 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

Instrument :

MSVOA_W

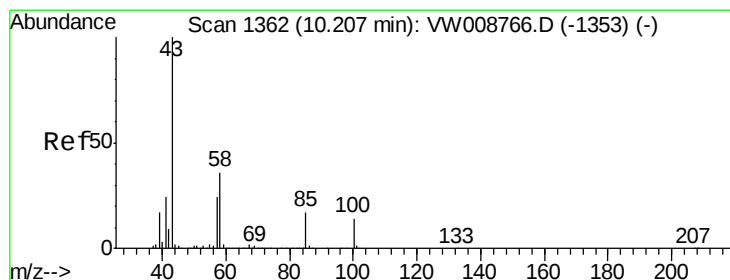
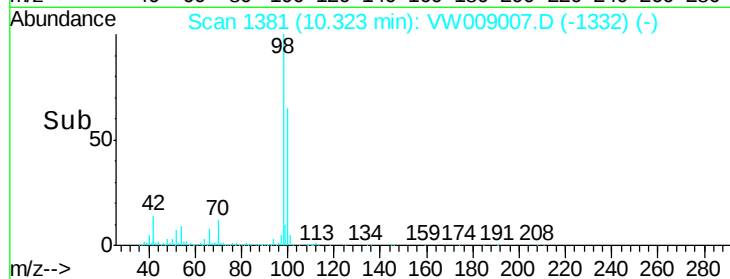
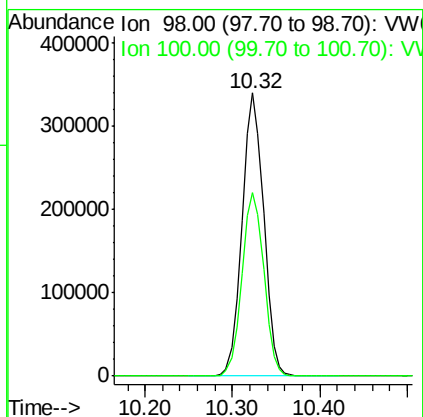
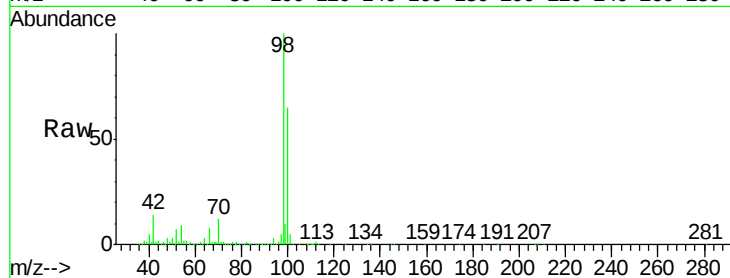
ClientSampleId :

Tot Ion: 98 Resp: 583358

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 1.627 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW009007.D

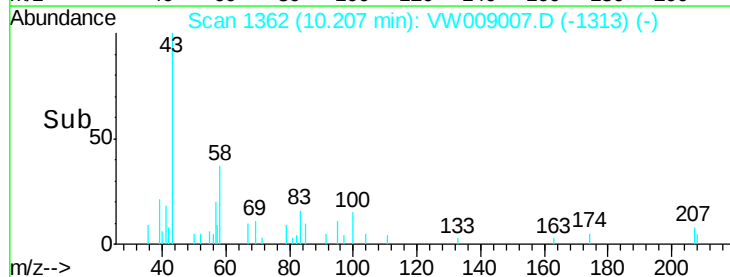
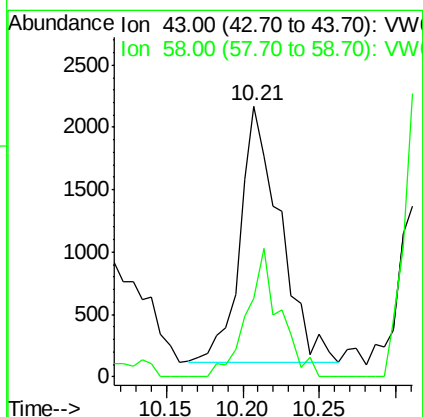
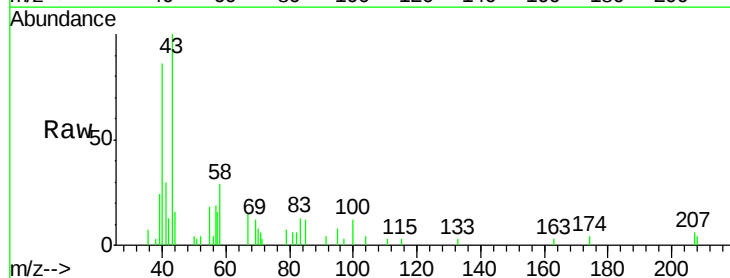
Acq: 05 Mar 2019 19:57

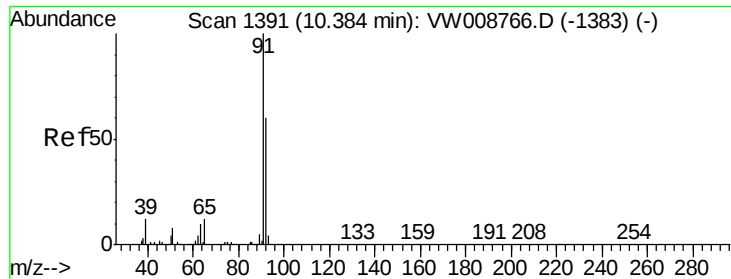
Tgt Ion: 43 Resp: 3730

Ion Ratio Lower Upper

43 100

58 41.1 29.1 43.7





#52

Toluene

Concen: 15.973 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

Instrument :

MSVOA_W

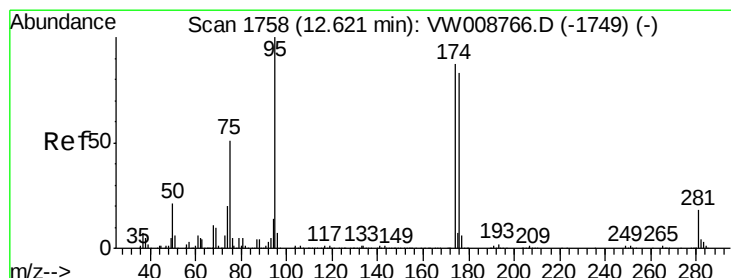
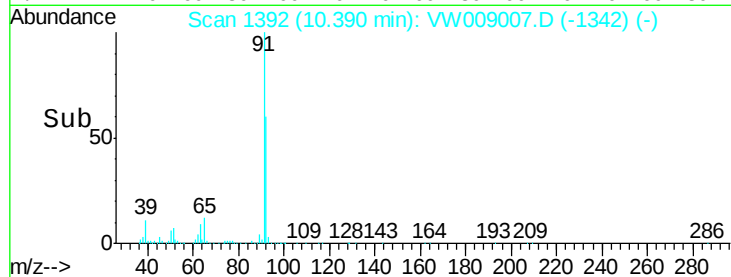
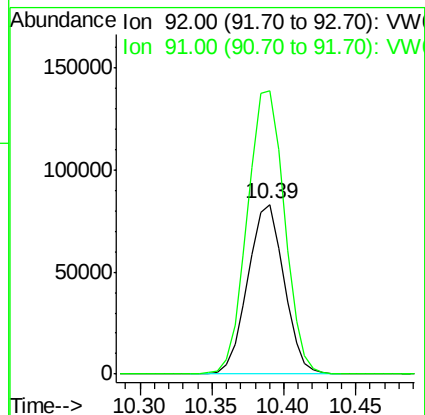
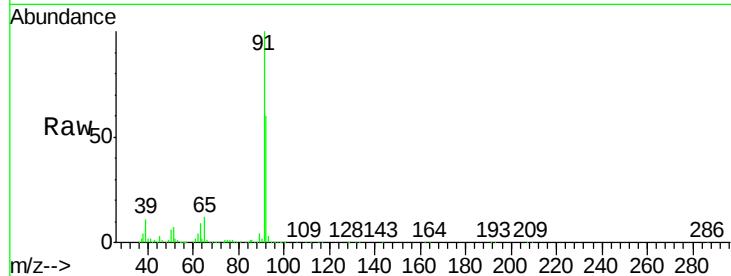
ClientSampleId :

Tot Ion: 92 Resp: 144047

Ion Ratio Lower Upper

92 100

91 173.0 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 40.293 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

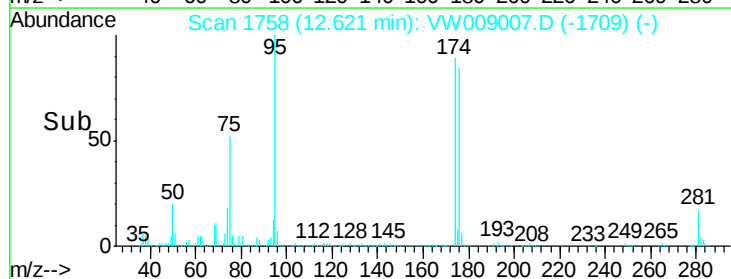
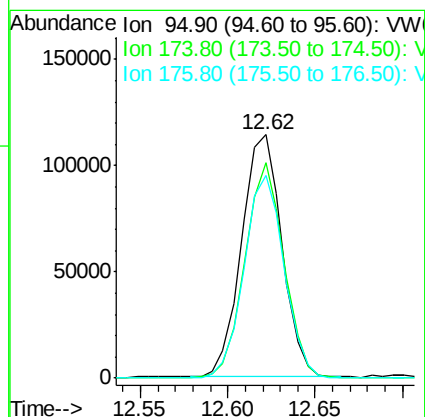
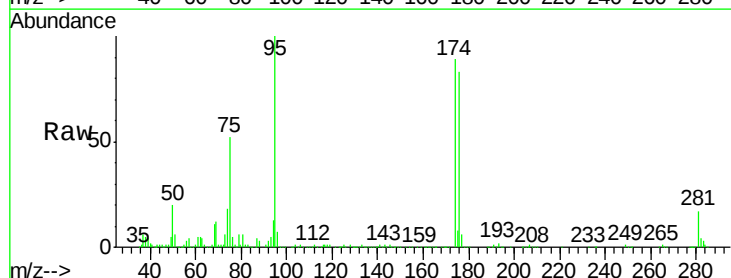
Tgt Ion: 95 Resp: 182817

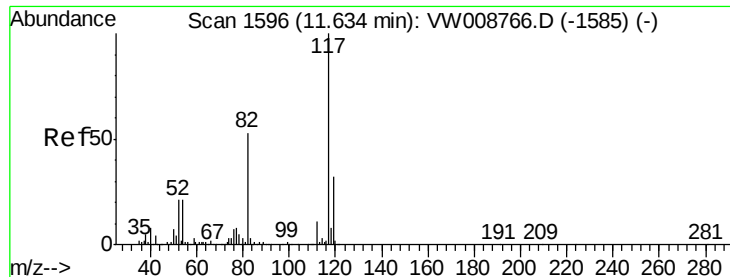
Ion Ratio Lower Upper

95 100

174 85.6 0.0 169.2

176 83.2 0.0 163.6

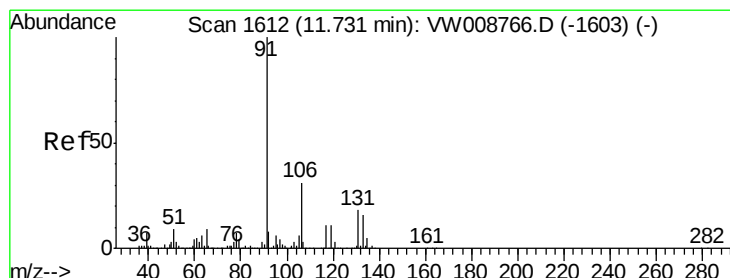
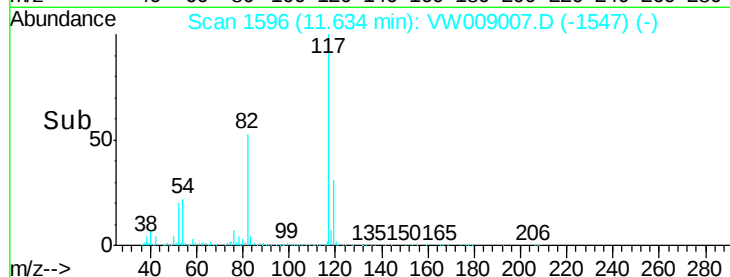
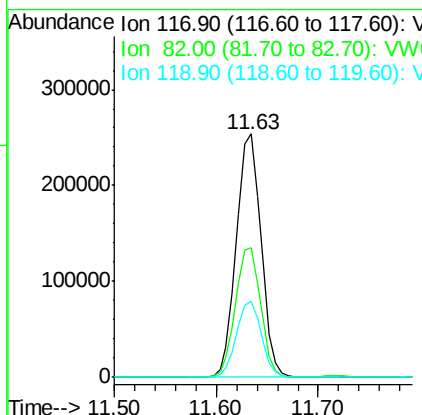
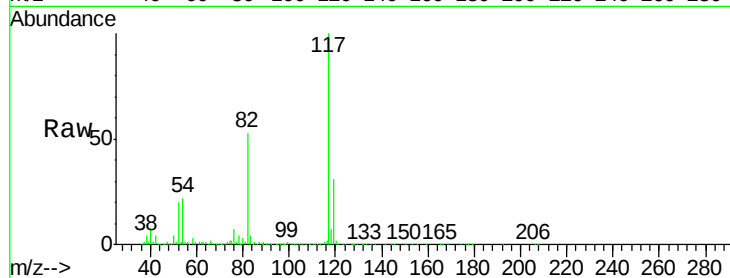




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009007.D
Acq: 05 Mar 2019 19:57

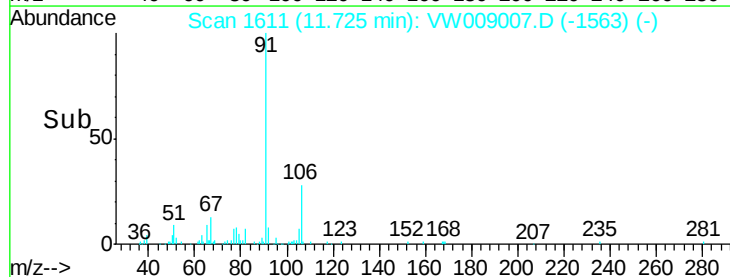
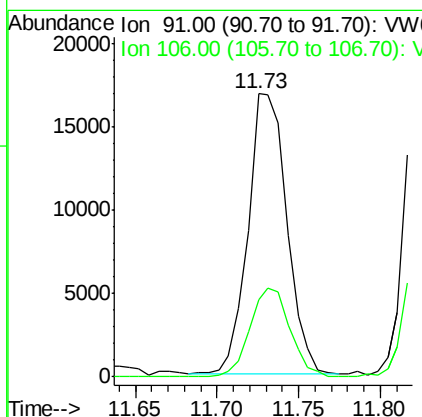
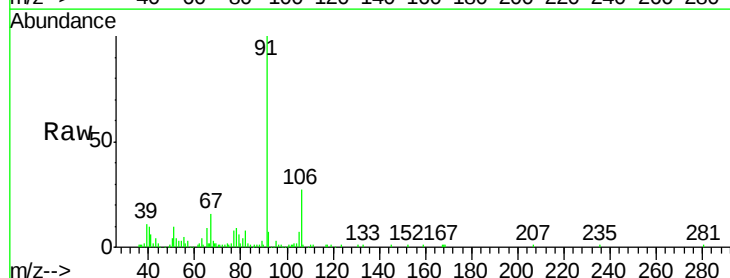
Instrument :
MSVOA_W
ClientSampleId :

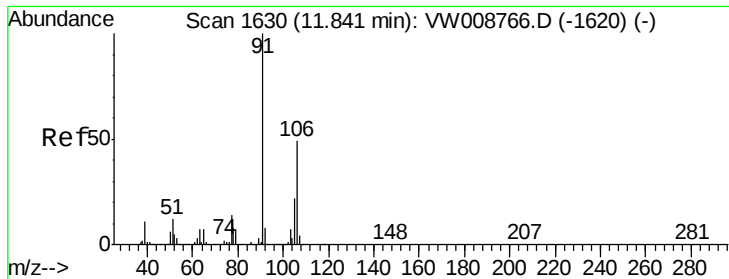
Tot Ion:117 Resp: 425481
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 31.4 25.9 38.9



#67
Ethyl Benzene
Concen: 1.747 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW009007.D
Acq: 05 Mar 2019 19:57

Tgt Ion: 91 Resp: 27947
Ion Ratio Lower Upper
91 100
106 27.7 25.0 37.6

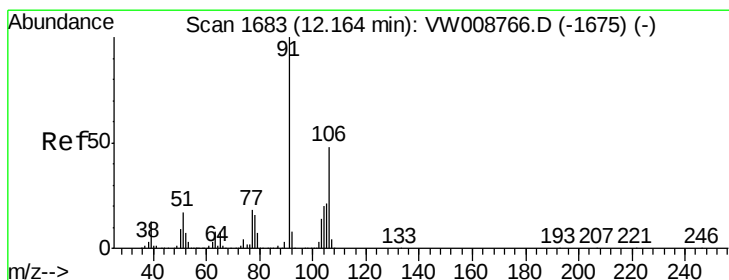
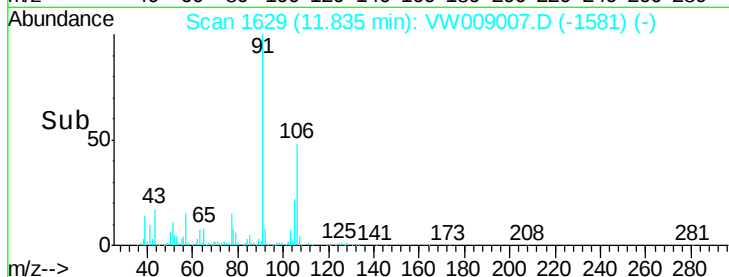
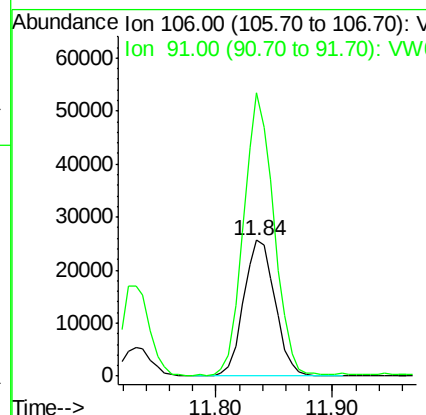
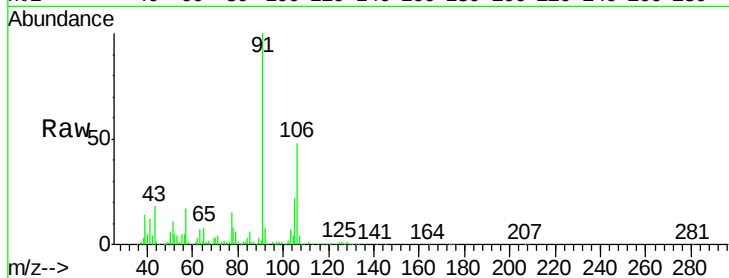




#68
m/p-Xylenes
Concen: 7.543 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW009007.D
Acq: 05 Mar 2019 19:57

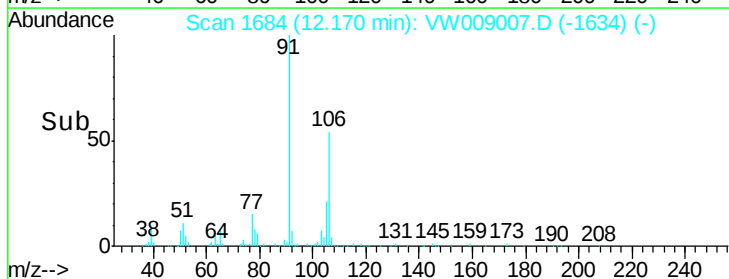
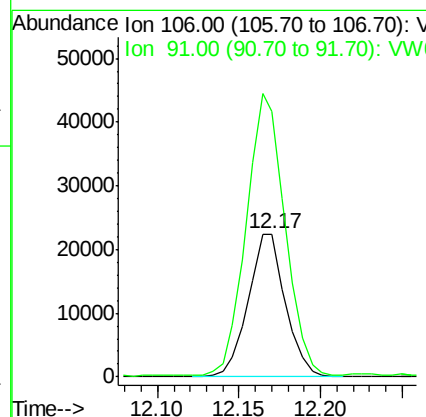
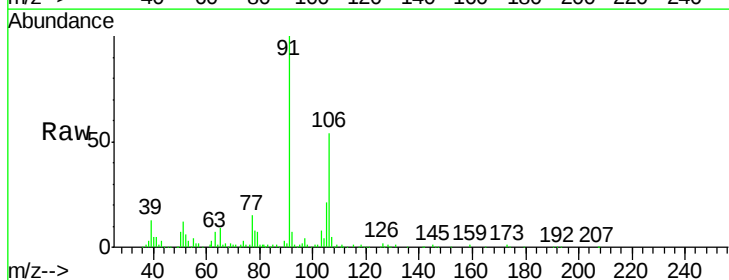
Instrument :
MSVOA_W
ClientSampleId :

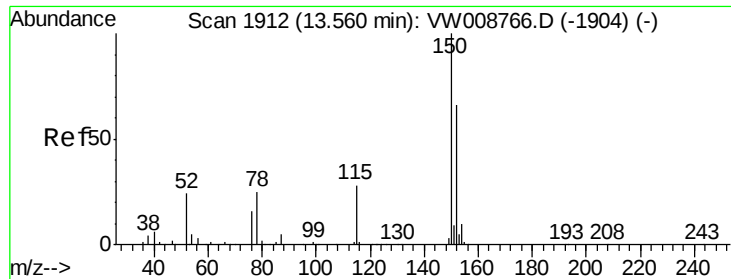
Tot Ion:106 Resp: 48202
Ion Ratio Lower Upper
106 100
91 198.6 161.5 242.3



#69
o-Xylene
Concen: 5.950 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW009007.D
Acq: 05 Mar 2019 19:57

Tgt Ion:106 Resp: 35688
Ion Ratio Lower Upper
106 100
91 206.1 106.2 318.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

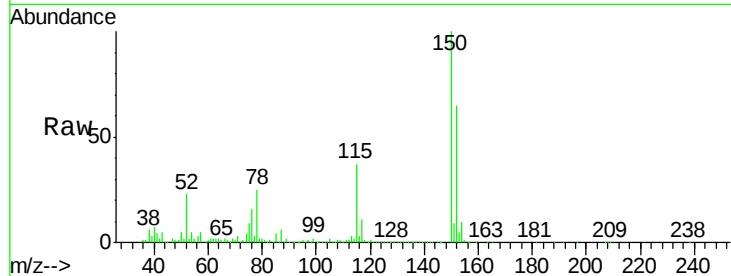
Tot Ion:152 Resp: 162781

Ion Ratio Lower Upper

152 100

115 63.0 28.6 85.8

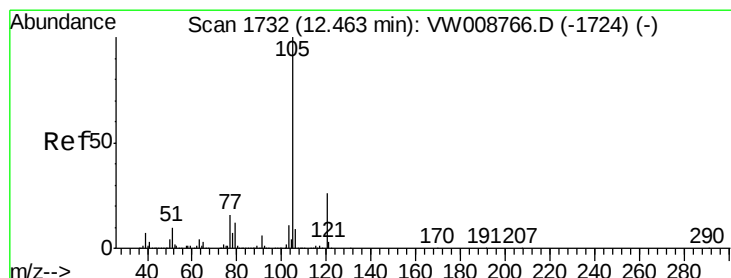
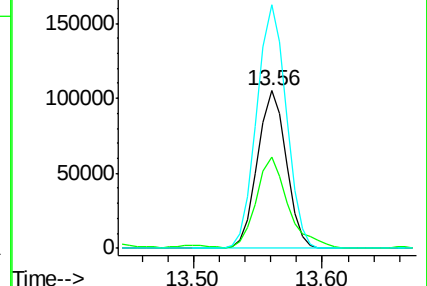
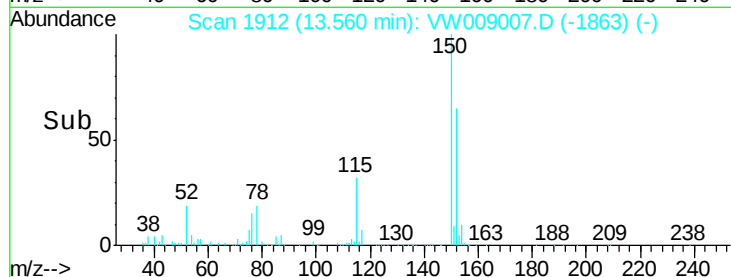
150 157.8 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.704 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009007.D

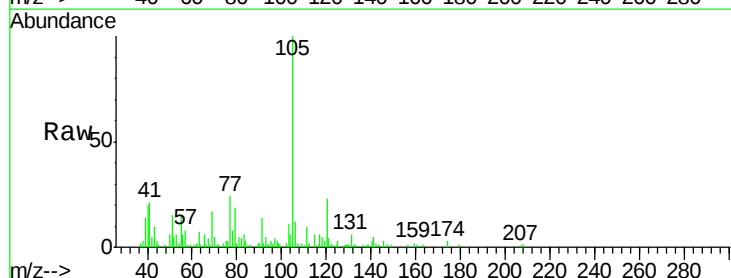
Acq: 05 Mar 2019 19:57

Tgt Ion:105 Resp: 19016

Ion Ratio Lower Upper

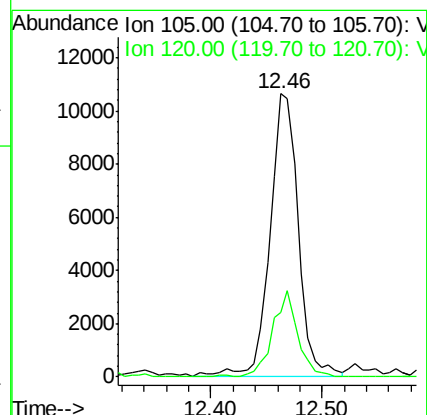
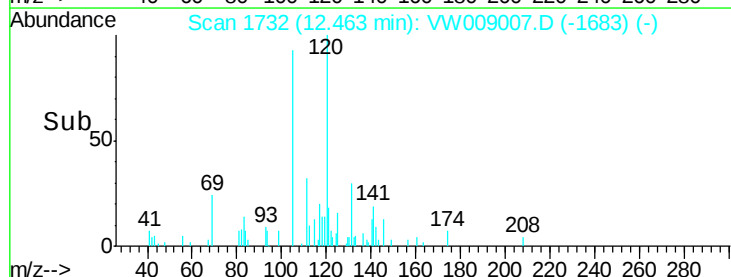
105 100

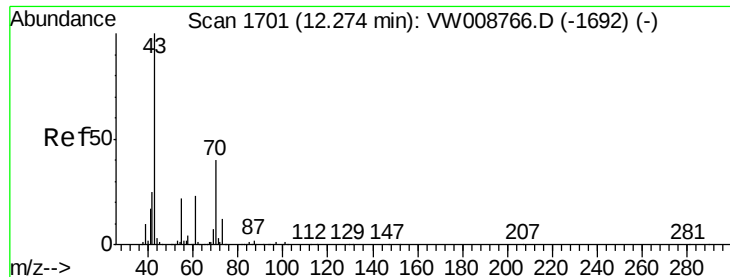
120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.916 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW009007.D

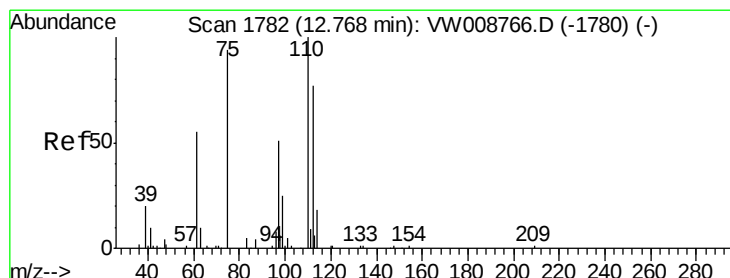
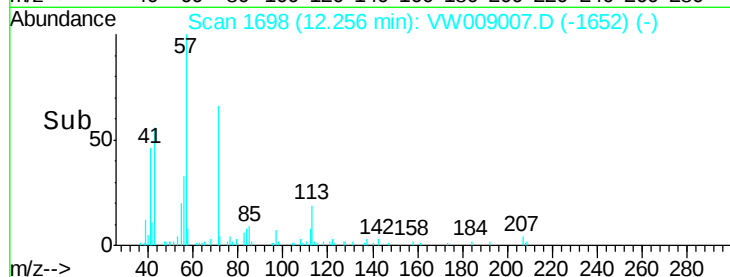
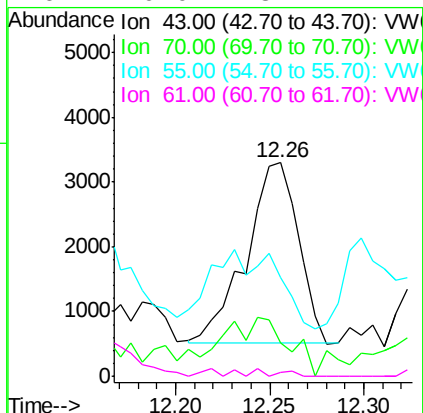
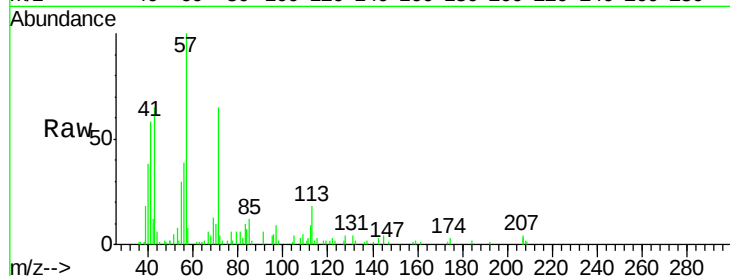
Acq: 05 Mar 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	43	Resp:	5387
Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.0	46.6#
55	0.0	18.7	28.1#
61	0.0	18.1	27.1#



#76

1,2,3-Trichloropropane

Concen: 74.151 ug/l

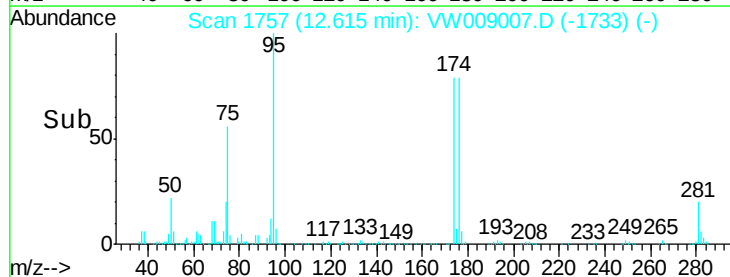
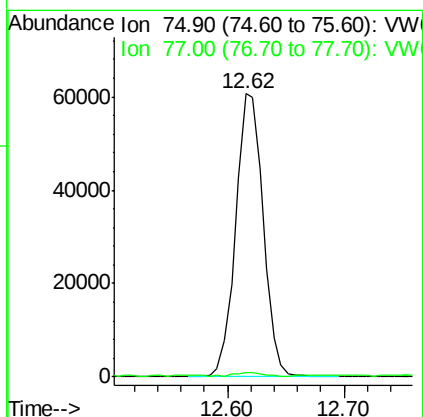
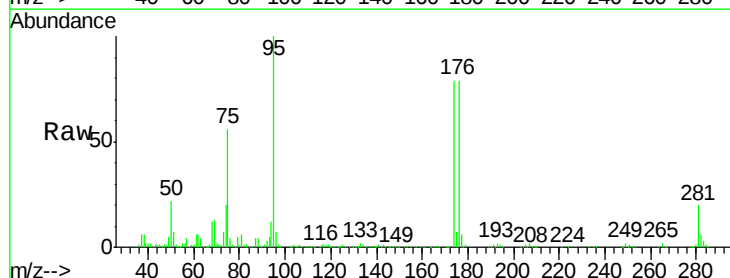
RT: 12.62 min Scan# 1757

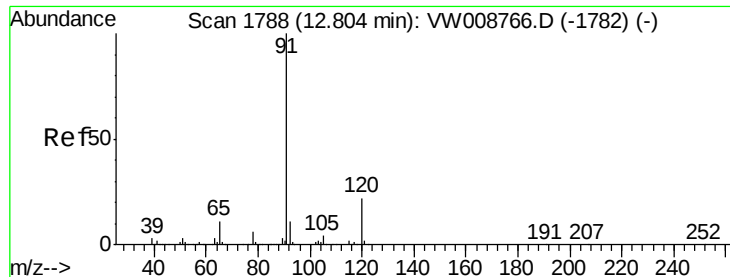
Delta R.T. -0.15 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

Tgt Ion:	75	Resp:	99657
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#78

n-propylbenzene

Concen: 3.994 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

Instrument :

MSVOA_W

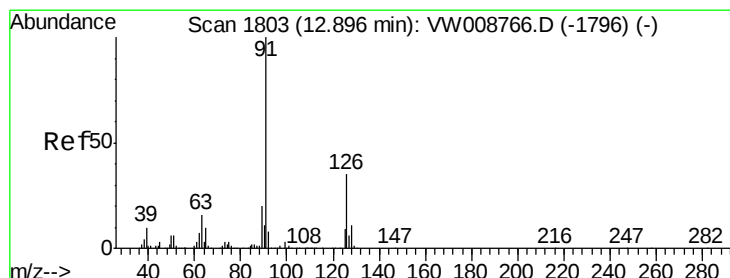
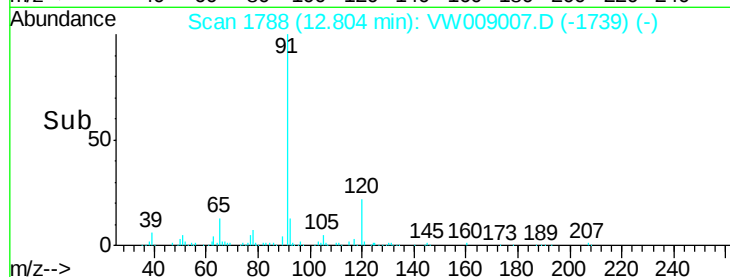
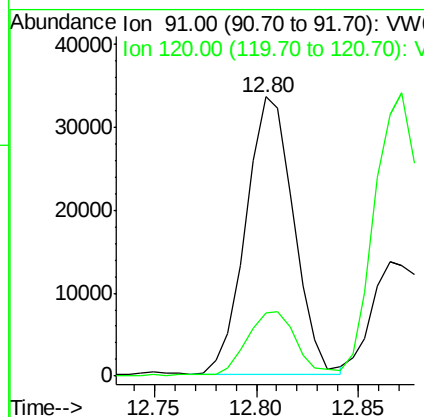
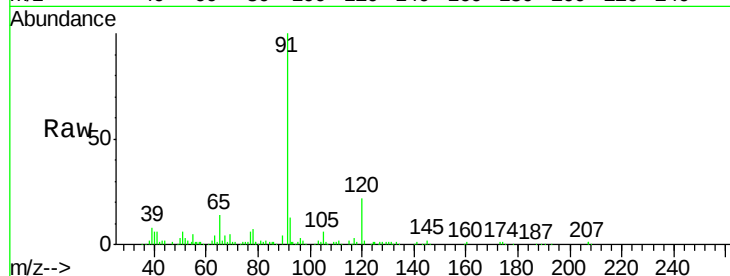
ClientSampleId :

Tot Ion: 91 Resp: 54525

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 2.770 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. -0.03 min

Lab File: VW009007.D

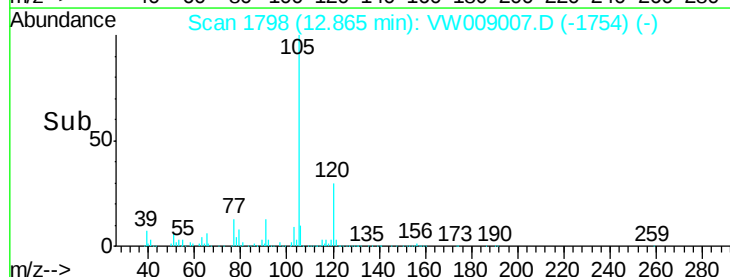
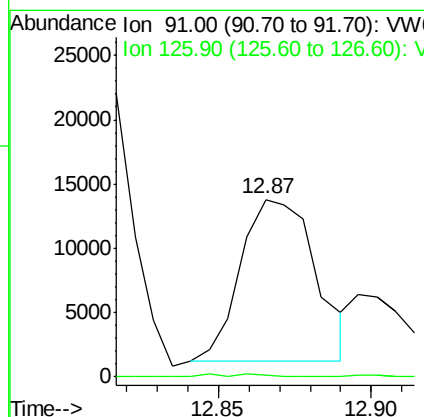
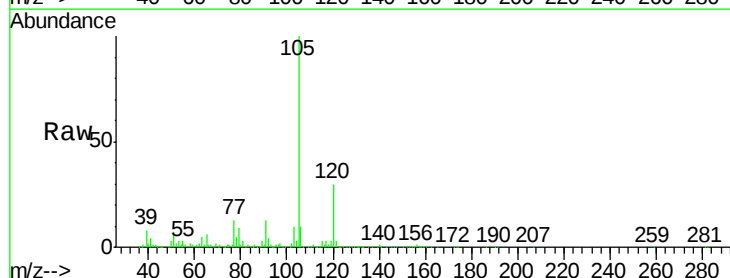
Acq: 05 Mar 2019 19:57

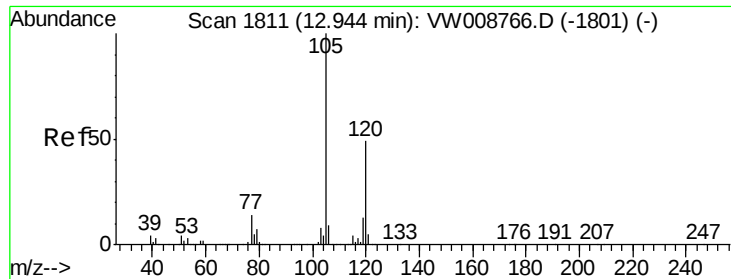
Tgt Ion: 91 Resp: 21471

Ion Ratio Lower Upper

91 100

126 1.0 17.0 51.0#

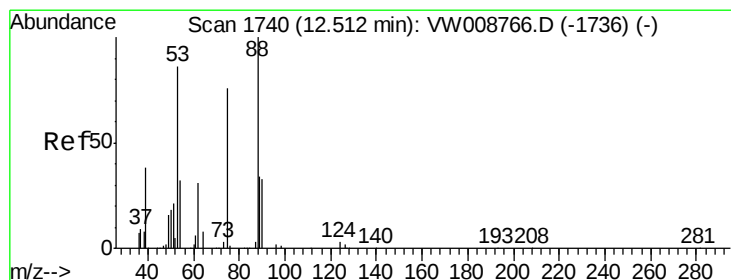
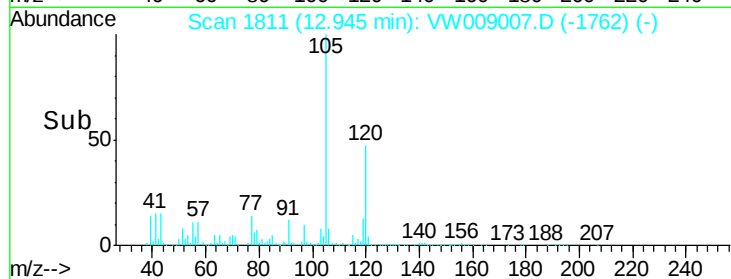
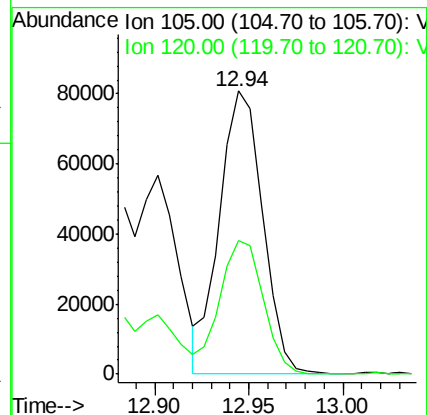
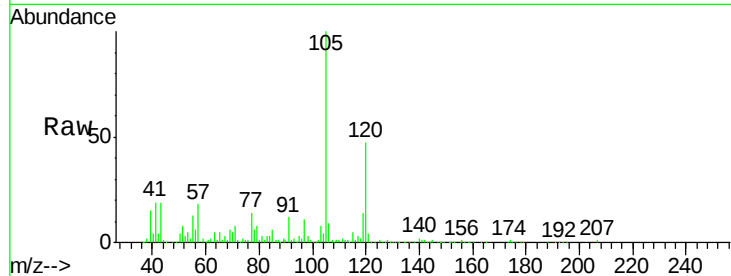




#80
 1,3,5-Trimethylbenzene
 Concen: 13.197 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW009007.D
 Acq: 05 Mar 2019 19:57

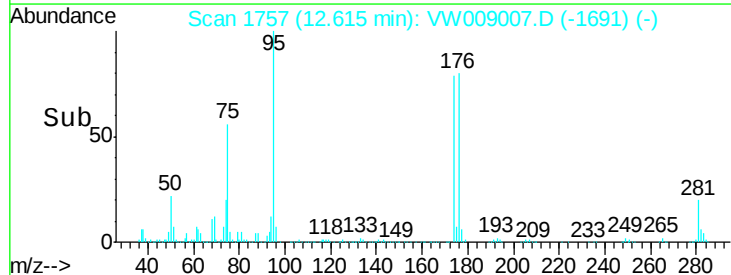
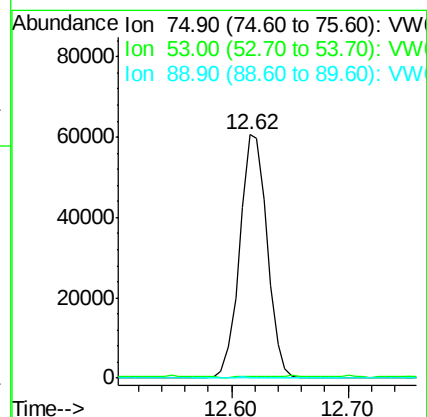
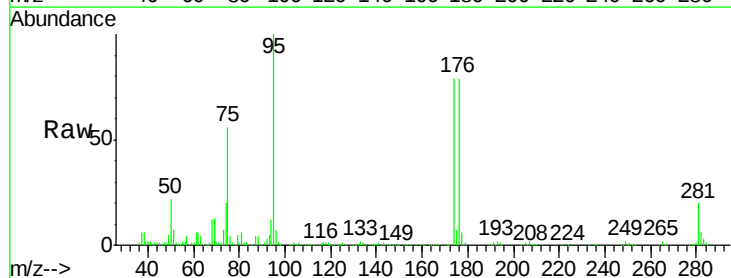
Instrument :
 MSVOA_W
 ClientSampleId :

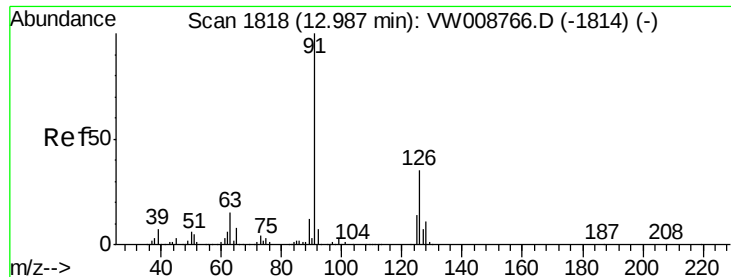
Tot Ion:105 Resp: 127982
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 180.267 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW009007.D
 Acq: 05 Mar 2019 19:57

Tgt Ion: 75 Resp: 99657
 Ion Ratio Lower Upper
 75 100
 53 0.4 88.2 132.2#
 89 0.2 39.5 59.3#





#82

4-Chlorotoluene

Concen: 1.794 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.04 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

Instrument :

MSVOA_W

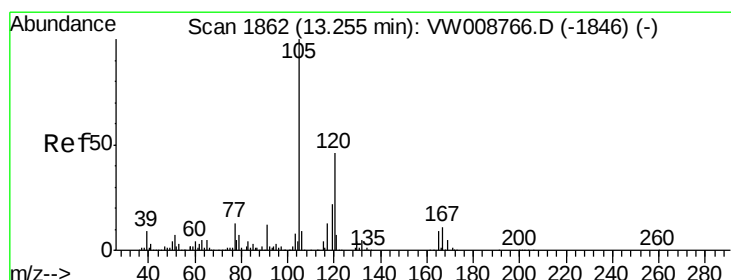
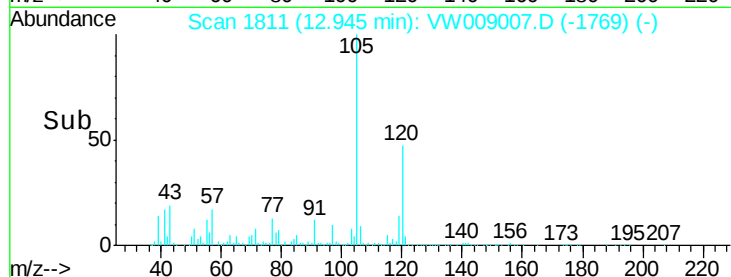
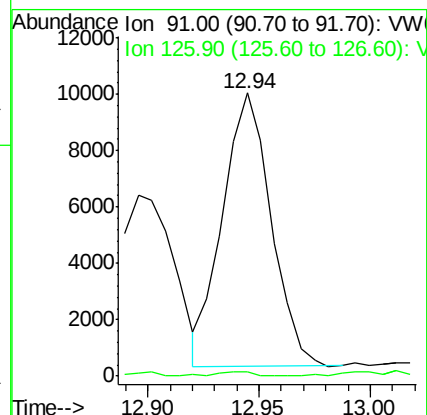
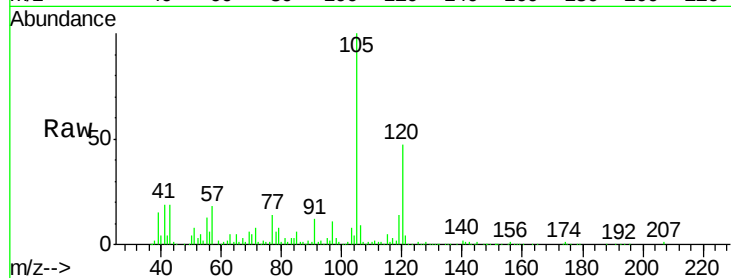
ClientSampled :

Tot Ion: 91 Resp: 14648

Ion Ratio Lower Upper

91 100

126 1.3 17.2 51.6#



#84

1,2,4-Trimethylbenzene

Concen: 42.498 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW009007.D

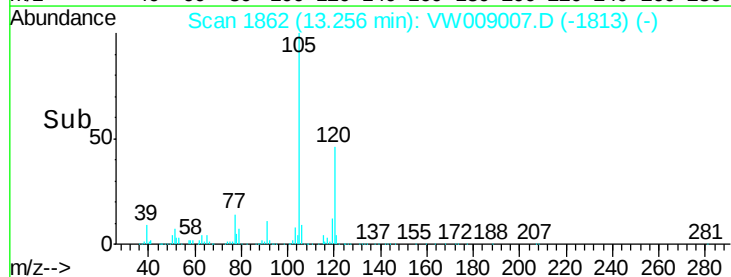
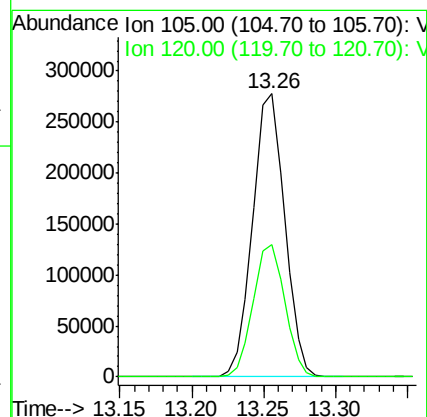
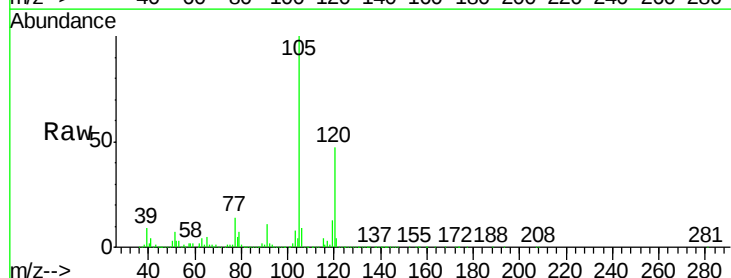
Acq: 05 Mar 2019 19:57

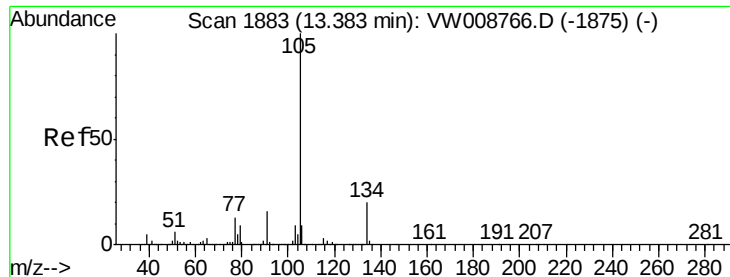
Tgt Ion: 105 Resp: 426621

Ion Ratio Lower Upper

105 100

120 46.7 22.8 68.4





#85

sec-Butylbenzene

Concen: 2.421 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

Instrument :

MSVOA_W

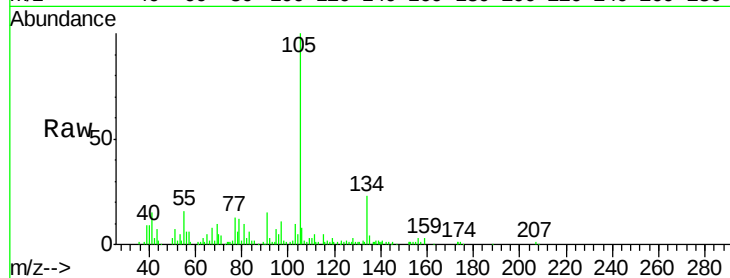
ClientSampleId :

Tot Ion:105 Resp: 29196

Ion Ratio Lower Upper

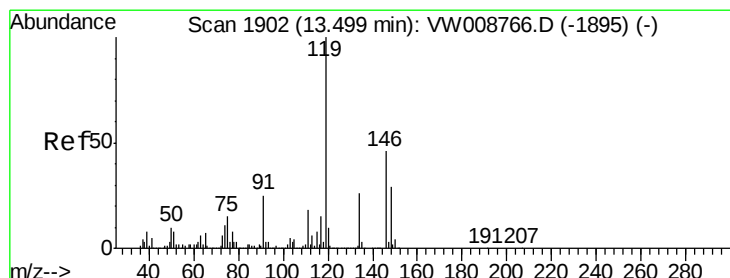
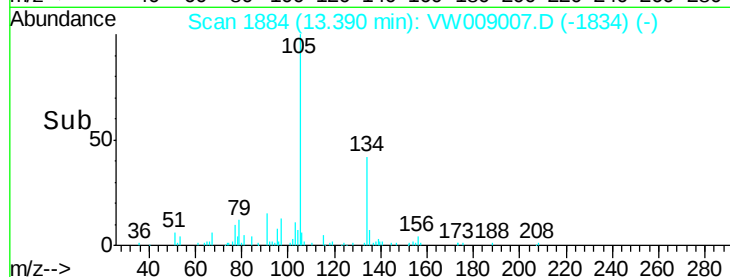
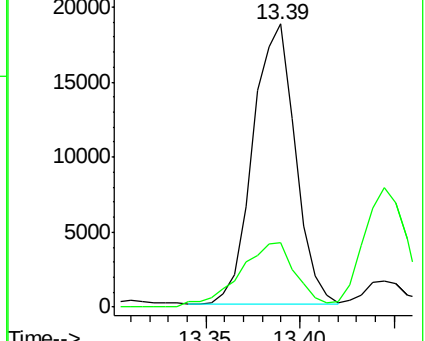
105 100

134 30.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.540 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

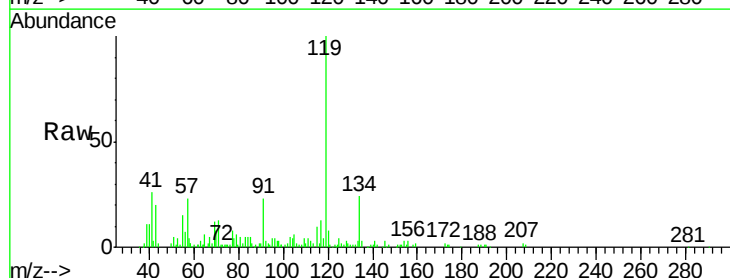
Tgt Ion:119 Resp: 28071

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

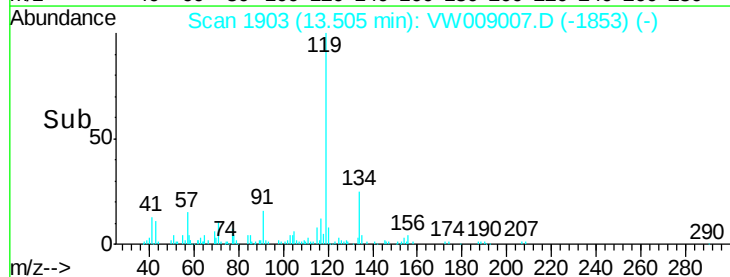
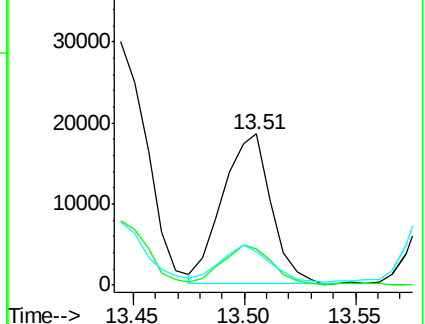
91 24.3 12.1 36.3

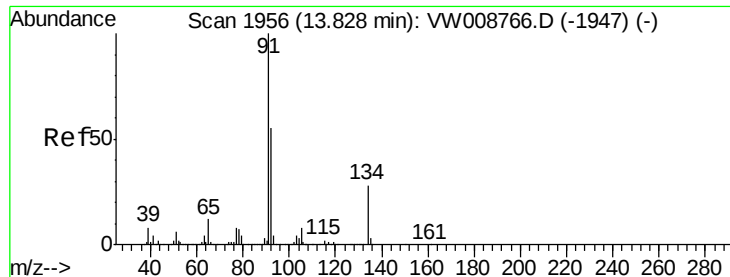


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 4.234 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.01 min

Lab File: VW009007.D

Acq: 05 Mar 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

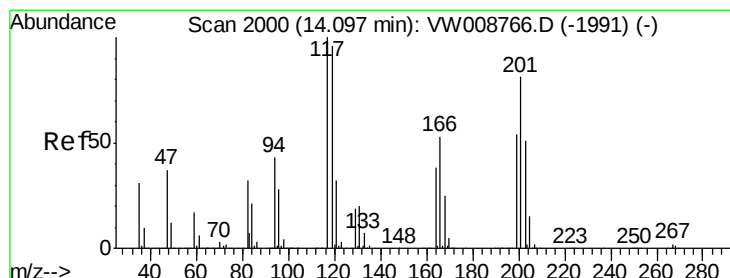
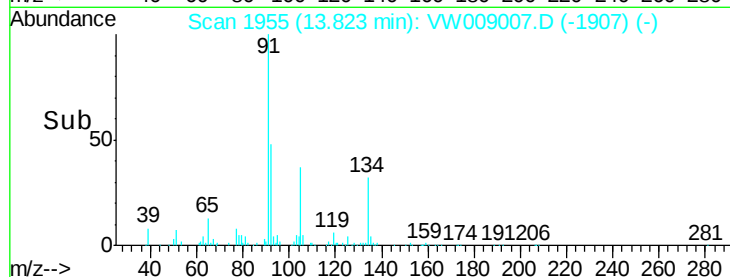
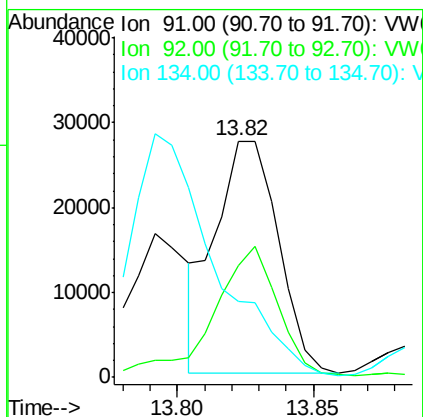
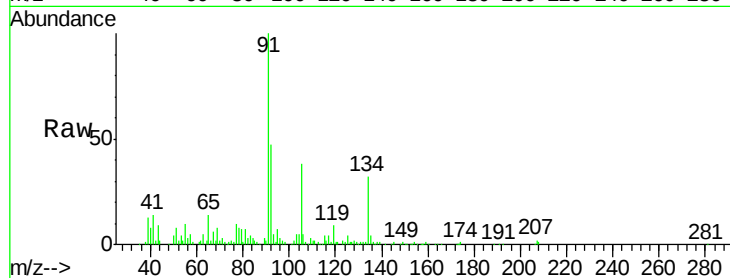
Tot Ion: 91 Resp: 43843

Ion Ratio Lower Upper

91 100

92 57.2 26.8 80.4

134 0.0 13.5 40.4#



#90

Hexachloroethane

Concen: 6.877 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW009007.D

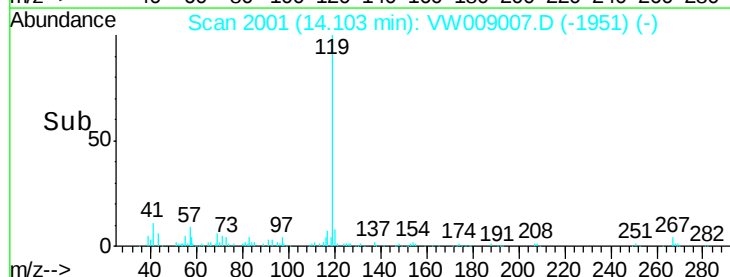
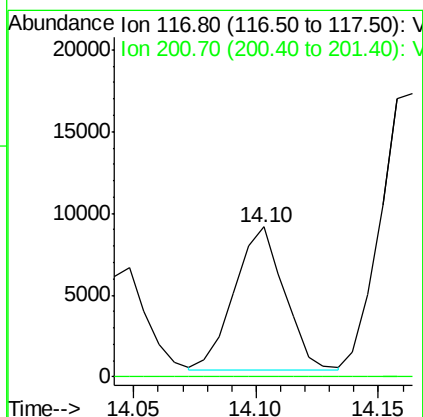
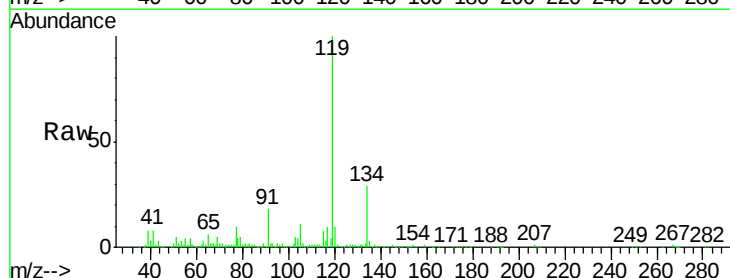
Acq: 05 Mar 2019 19:57

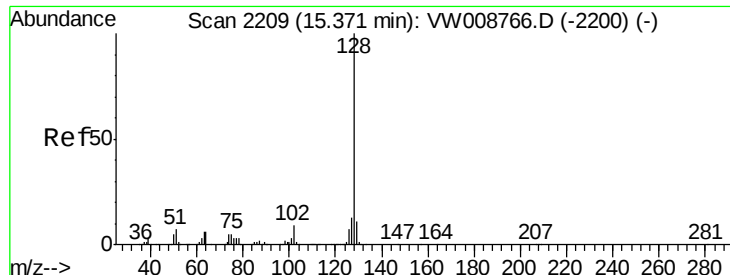
Tgt Ion: 117 Resp: 12444

Ion Ratio Lower Upper

117 100

201 0.0 40.3 120.8#

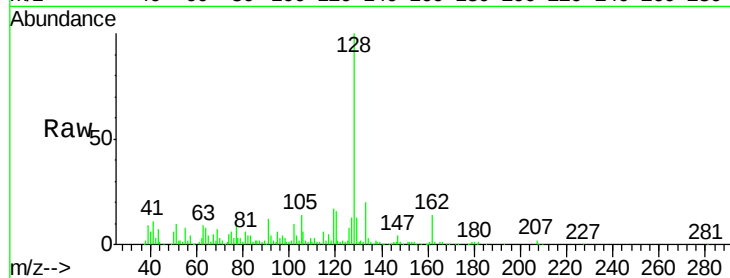




#95
Naphthalene
Concen: 10.684 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009007.D
Acq: 05 Mar 2019 19:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.8	16.2
129	8.6	8.7	13.1



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

