

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030519\
 Data File : VW009000.D
 Acq On : 05 Mar 2019 16:50
 Operator : SY/VA
 Sample : K1688-01RE
 Misc : 6.44G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 06 06:51:27 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	313559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	492321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	437258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	202235	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	182263	61.98	ug/l	0.00
Spiked Amount			Recovery	=	123.96%	
35) Dibromofluoromethane	7.88	113	151199	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
50) Toluene-d8	10.32	98	582215	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.62	95	203963	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	537	2.051	ug/l #	70
13) Acrolein	3.91	56	397	21.104	ug/l #	59
16) Acetone	4.12	43	54287	79.637	ug/l	94
20) Methylene Chloride	4.92	84	28848	3.878	ug/l	93
25) 2-Butanone	7.17	43	17116	17.960	ug/l #	88
26) 2,2-Dichloropropane	7.15	77	9874	1.986	ug/l #	54
29) Tetrahydrofuran	7.54	42	2214	3.645	ug/l	95
31) Cyclohexane	7.95	56	15579	2.810	ug/l #	55
36) 1,1-Dichloropropene	7.95	75	24201	5.050	ug/l #	50
37) Ethyl Acetate	7.17	43	17116	7.680	ug/l #	52
38) Carbon Tetrachloride	7.95	117	29750	5.886	ug/l #	16
39) Methylcyclohexane	9.34	83	14667	2.454	ug/l	92
40) Benzene	8.32	78	563825	43.090	ug/l	99
42) 1,2-Dichloroethane	8.32	62	5742	1.385	ug/l	90
49) 1,4-Dioxane	9.54	88	54	1.875	ug/l #	25
51) 4-Methyl-2-Pentanone	10.22	43	3045	1.348	ug/l	95
52) Toluene	10.39	92	229239	25.814	ug/l	99
55) 1,1,2-Trichloroethane	10.77	97	3199	1.312	ug/l #	19
59) 2-Hexanone	10.94	43	2322	1.445	ug/l #	37
67) Ethyl Benzene	11.73	91	156796	9.540	ug/l	97
68) m/p-Xylenes	11.84	106	105512	16.067	ug/l	99
69) o-Xylene	12.16	106	58513	9.493	ug/l	99
73) Isopropylbenzene	12.47	105	15737	1.135	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	110478	66.166	ug/l #	100
78) n-propylbenzene	12.80	91	26343	1.553	ug/l	99
79) 2-Chlorotoluene	12.87	91	13920	1.446	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.94	105	79502	6.599	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	110478	160.854	ug/l #	6
82) 4-Chlorotoluene	12.95	91	10621	1.047	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.26	105	119483	9.580	ug/l	96
90) Hexachloroethane	14.10	117	3342	1.487	ug/l #	9
95) Naphthalene	15.37	128	126790	17.065	ug/l	99

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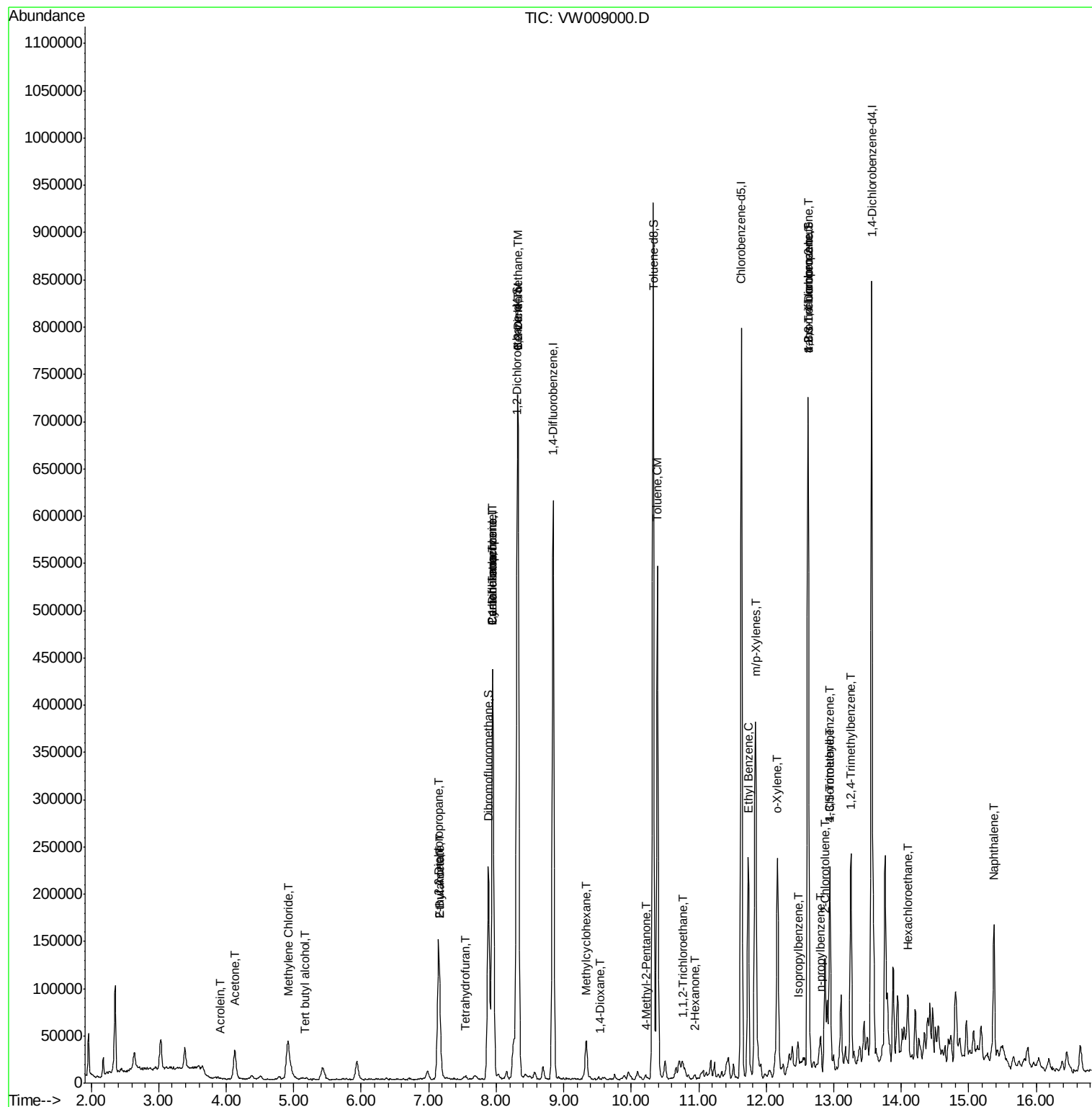
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

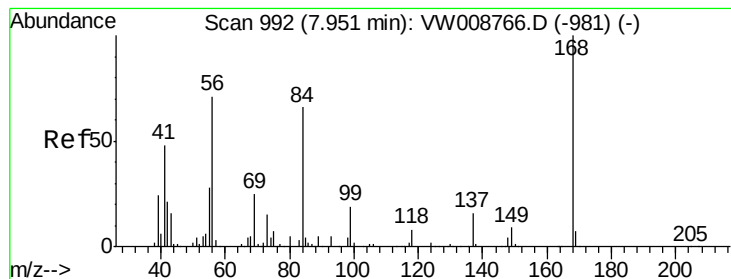
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Data File : VW009000.D
Acq On : 05 Mar 2019 16:50
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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: VW009000.D

Acq: 05 Mar 2019 16:50

Instrument :

MSVOA_W

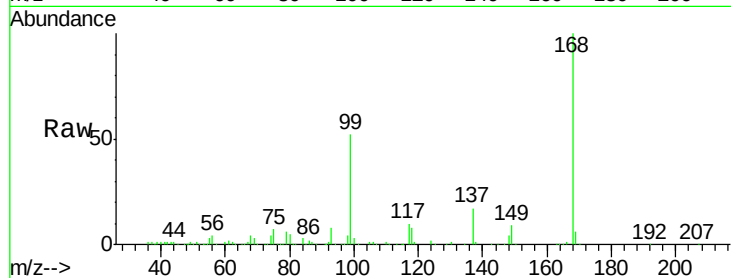
ClientSampled :

Tot Ion:168 Resp: 31359

Ion Ratio Lower Upper

168 100

99 52.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

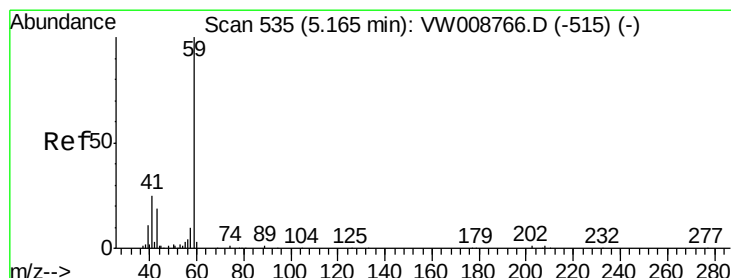
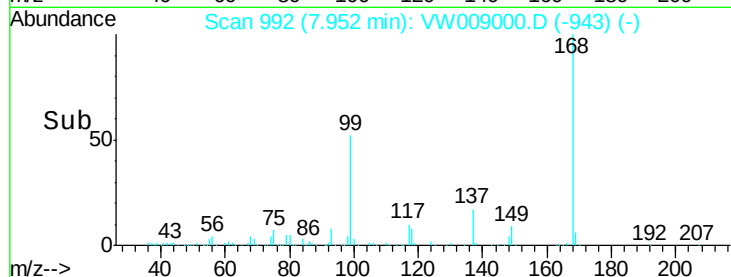
100000

50000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 2.051 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW009000.D

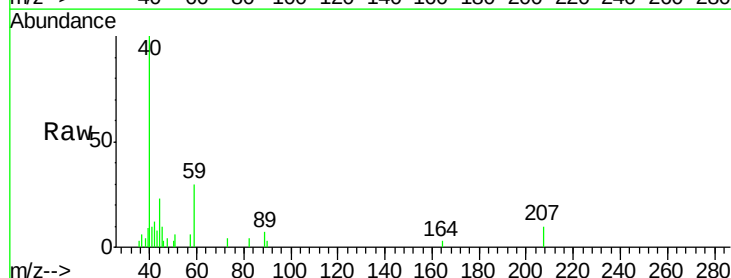
Acq: 05 Mar 2019 16:50

Tgt Ion: 59 Resp: 537

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

5.17

600

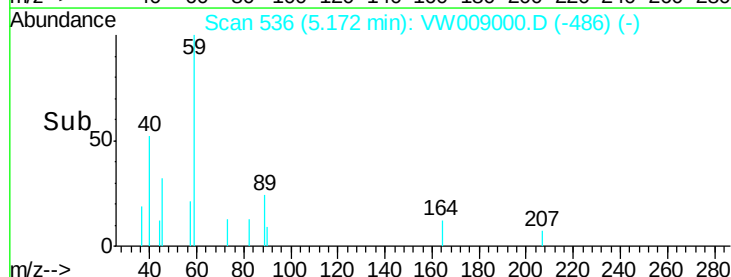
400

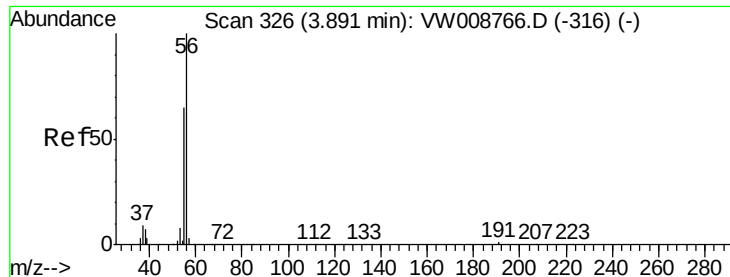
200

0

5.16 5.17 5.18

Time-->





#13

Acrolein

Concen: 21.104 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.02 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

Instrument :

MSVOA_W

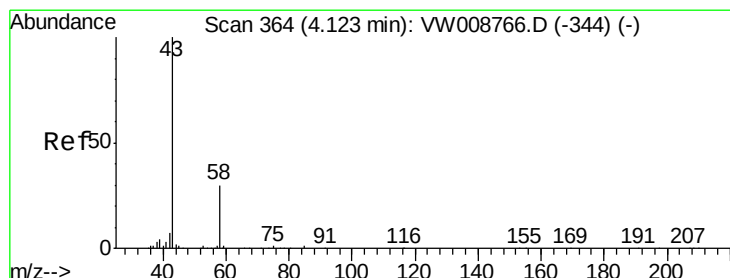
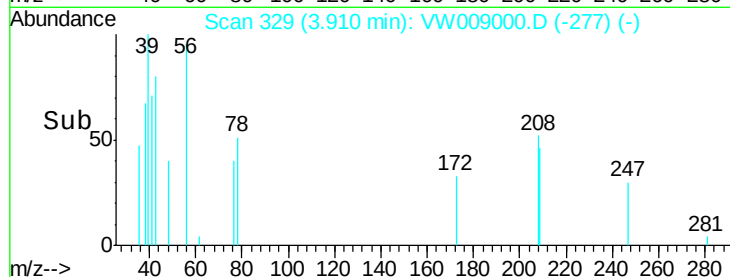
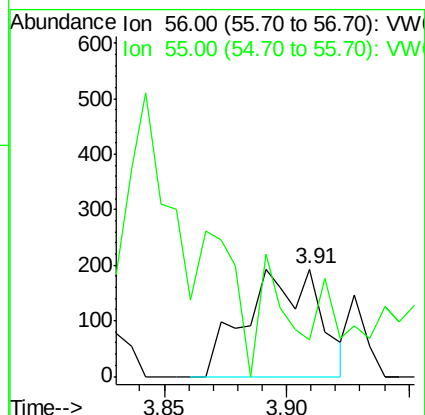
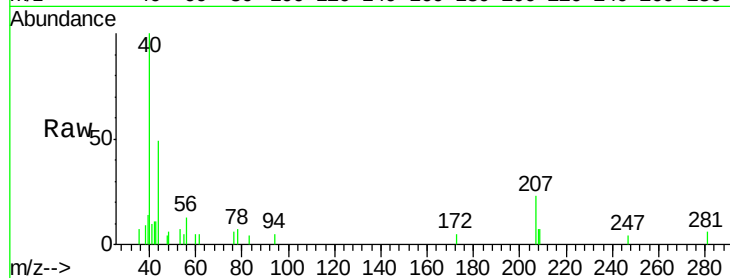
ClientSampled :

Tot Ion: 56 Resp: 397

Ion Ratio Lower Upper

56 100

55 37.3 56.9 85.3#



#16

Acetone

Concen: 79.637 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009000.D

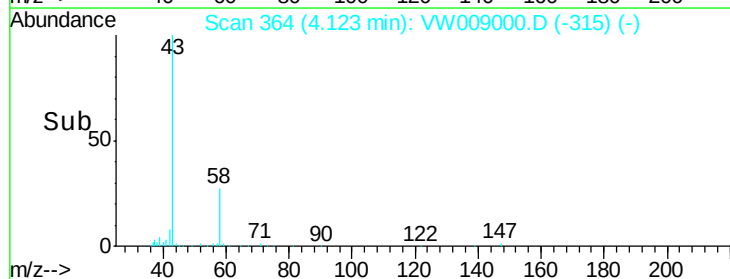
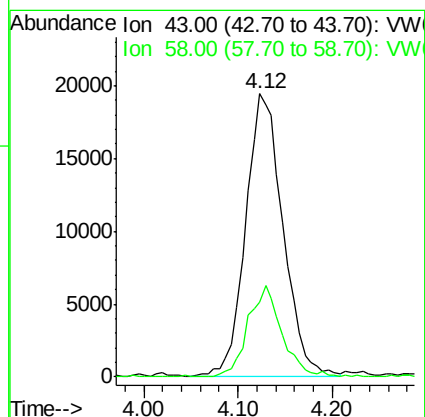
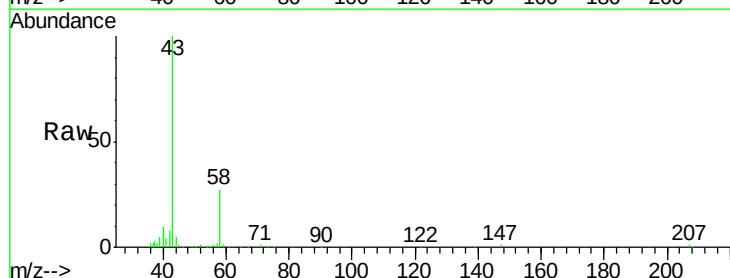
Acq: 05 Mar 2019 16:50

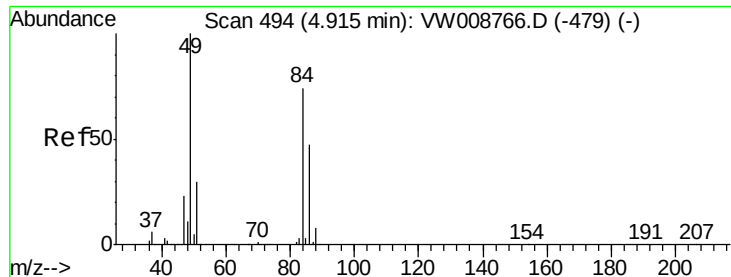
Tgt Ion: 43 Resp: 54287

Ion Ratio Lower Upper

43 100

58 26.6 23.8 35.6

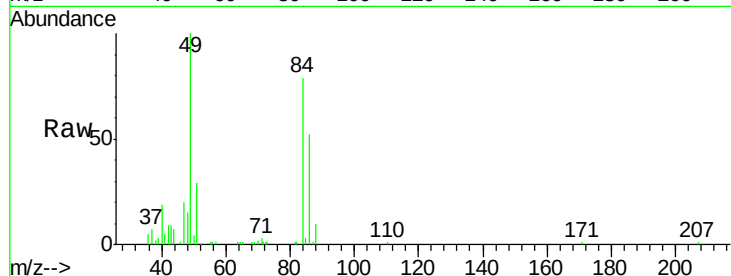




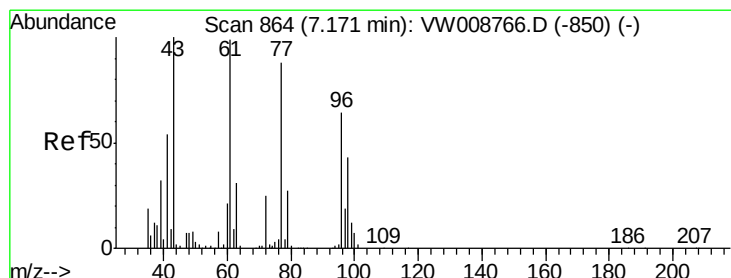
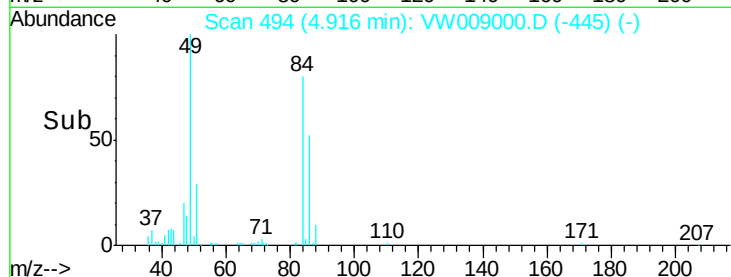
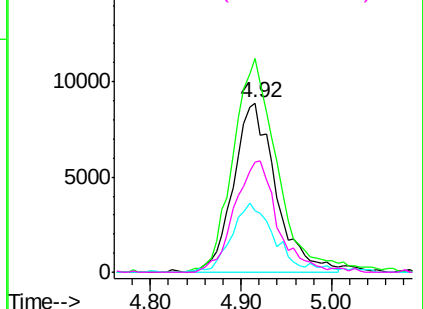
#20
Methylene Chloride
Concen: 3.878 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 28848
Ion Ratio Lower Upper
84 100
49 125.4 108.2 162.2
51 35.7 32.7 49.1
86 65.4 50.3 75.5

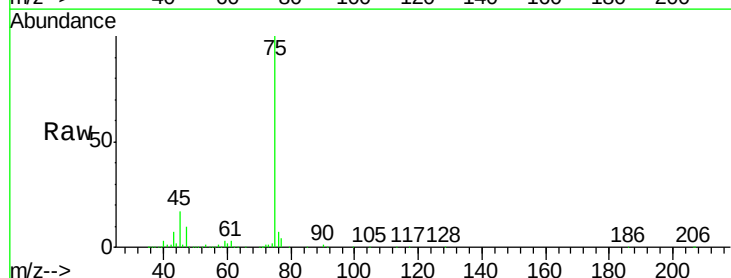


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

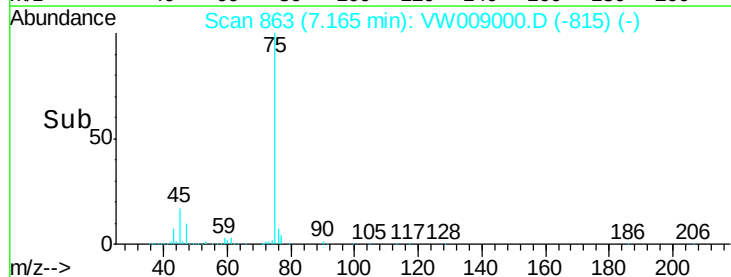
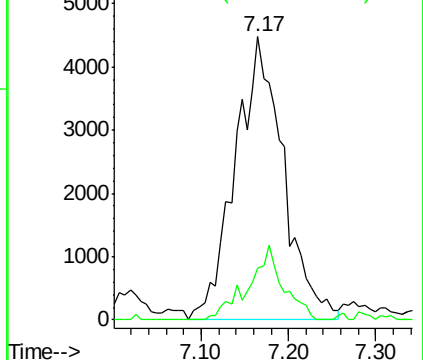


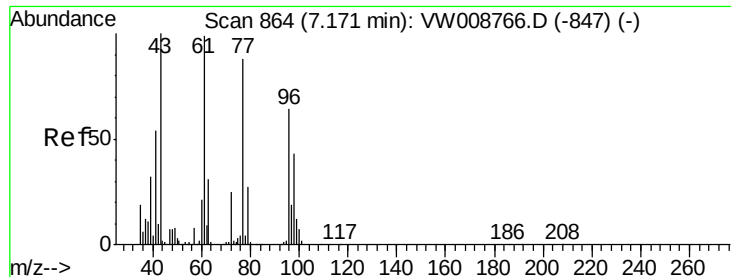
#25
2-Butanone
Concen: 17.960 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Tgt Ion: 43 Resp: 17116
Ion Ratio Lower Upper
43 100
72 18.5 19.7 29.5#



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

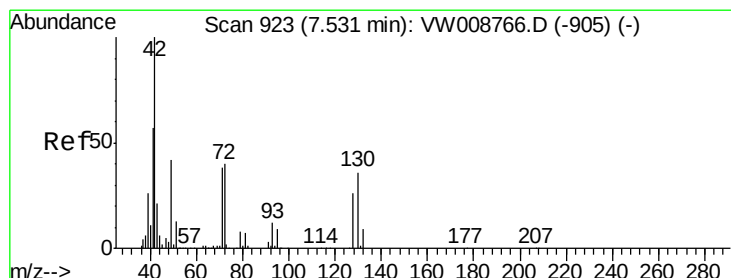
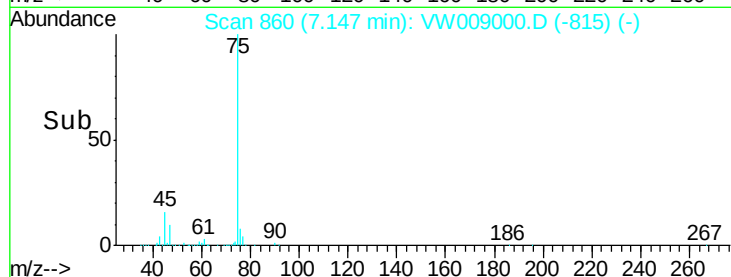
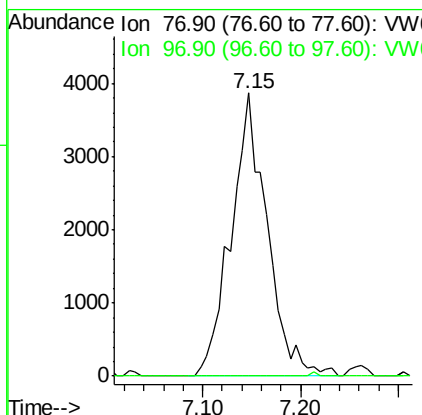
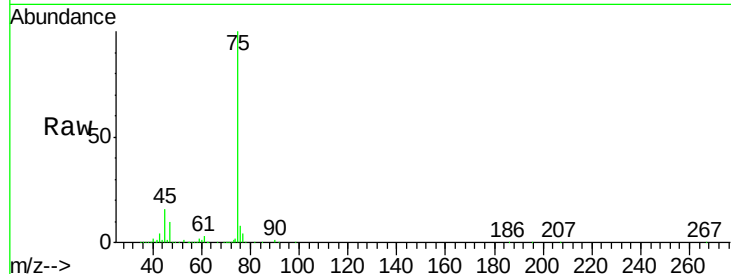




#26
 2,2-Dichloropropane
 Concen: 1.986 ug/l
 RT: 7.15 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VW009000.D
 Acq: 05 Mar 2019 16:50

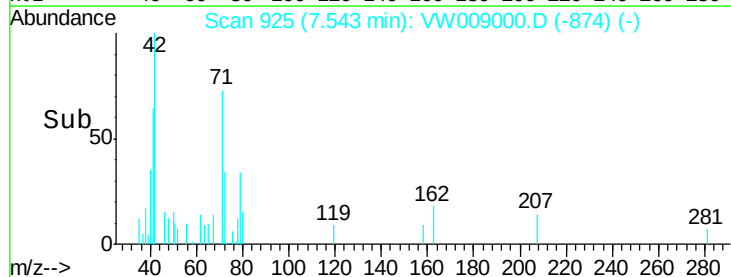
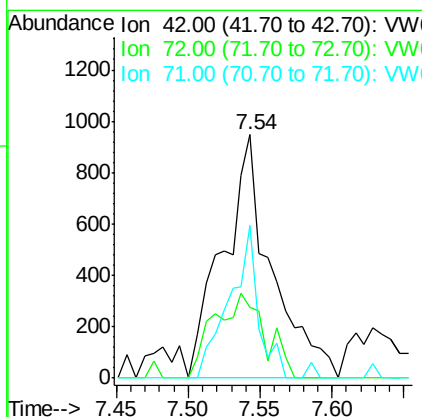
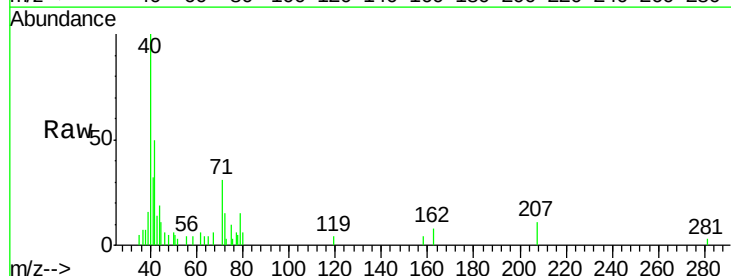
Instrument :
 MSVOA_W
 ClientSampleId :

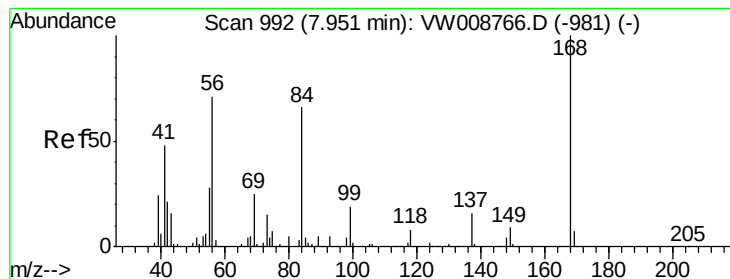
Tot Ion: 77 Resp: 9874
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.0 33.0#



#29
 Tetrahydrofuran
 Concen: 3.645 ug/l
 RT: 7.54 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: VW009000.D
 Acq: 05 Mar 2019 16:50

Tgt Ion: 42 Resp: 2214
 Ion Ratio Lower Upper
 42 100
 72 36.9 32.7 49.1
 71 37.5 31.3 46.9





#31

Cyclohexane

Concen: 2.810 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

Instrument :

MSVOA_W

ClientSampled :

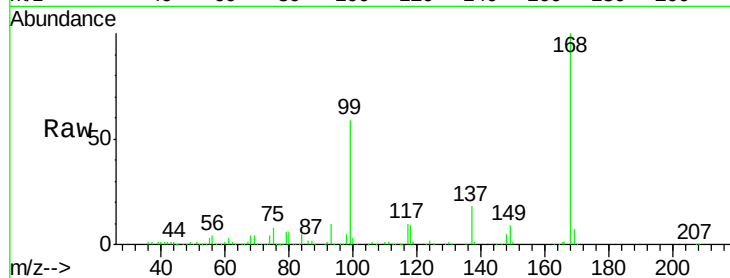
Tot Ion: 56 Resp: 15579

Ion Ratio Lower Upper

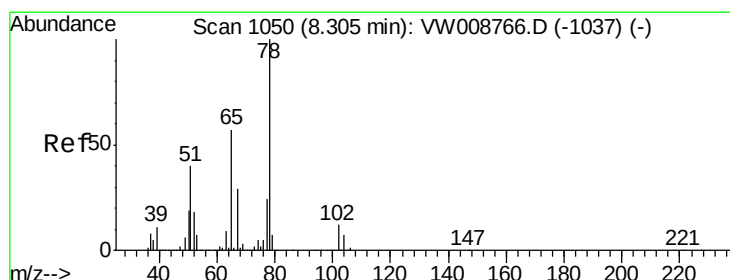
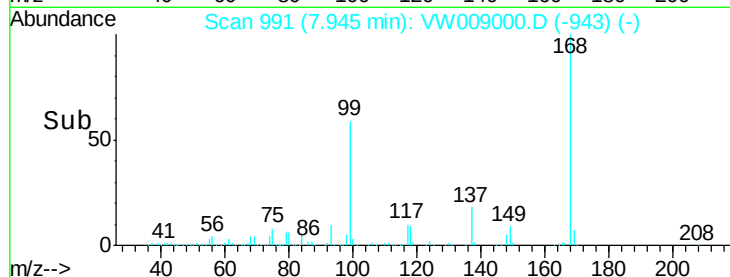
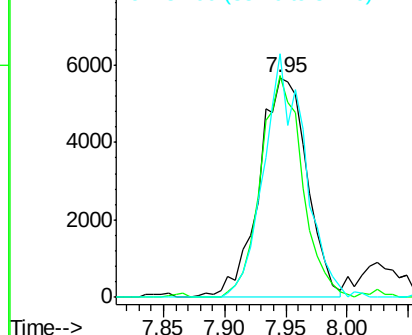
56 100

69 101.3 28.2 42.4#

84 110.9 74.1 111.1



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



#33

1,2-Dichloroethane-d4

Concen: 61.975 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009000.D

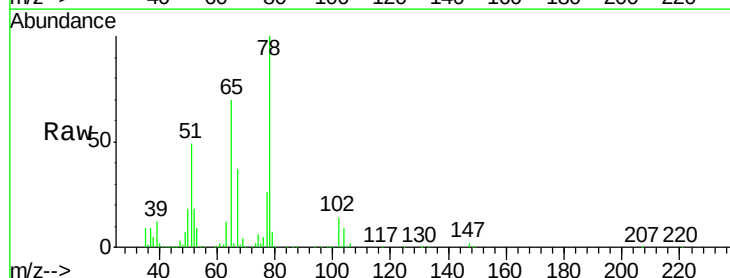
Acq: 05 Mar 2019 16:50

Tgt Ion: 65 Resp: 182263

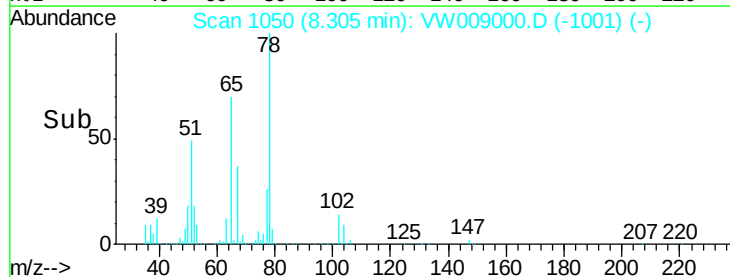
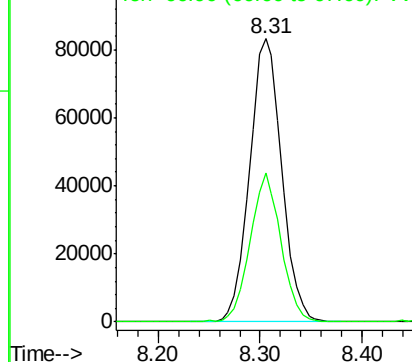
Ion Ratio Lower Upper

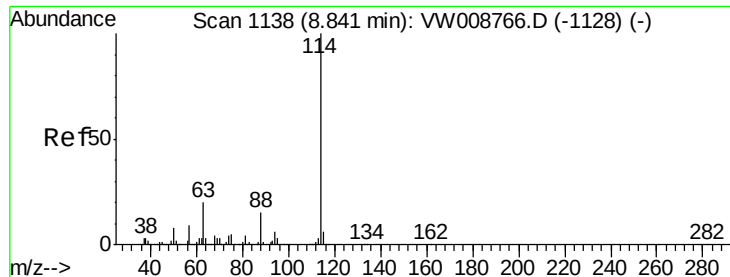
65 100

67 50.5 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

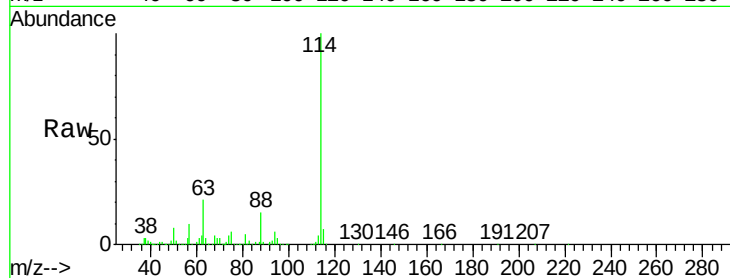




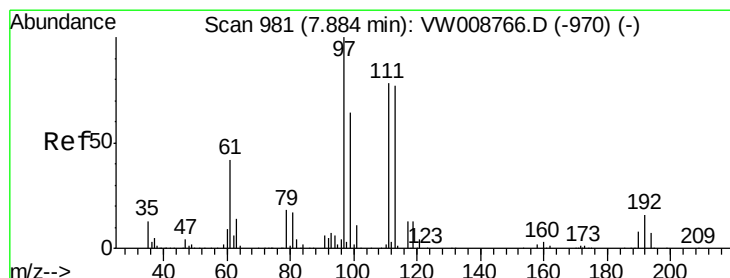
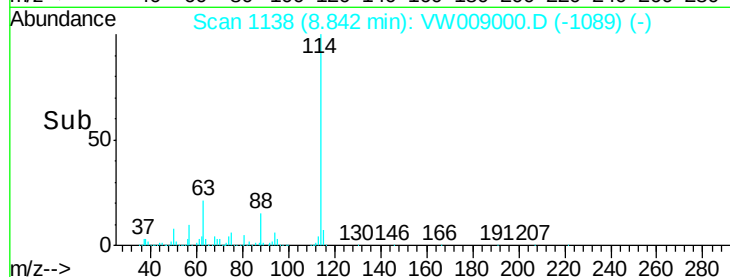
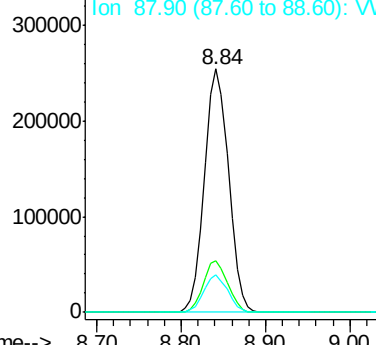
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 492321
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 15.2 0.0 30.4

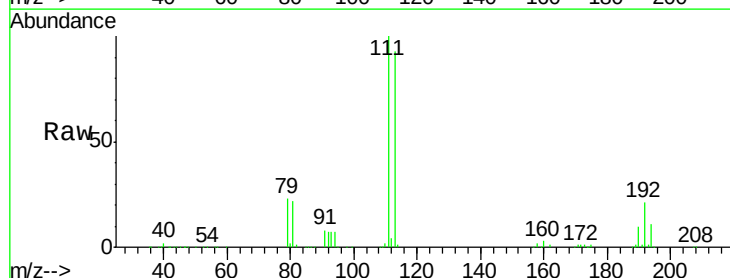


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

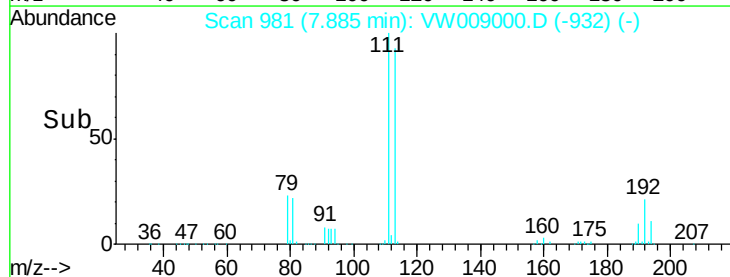
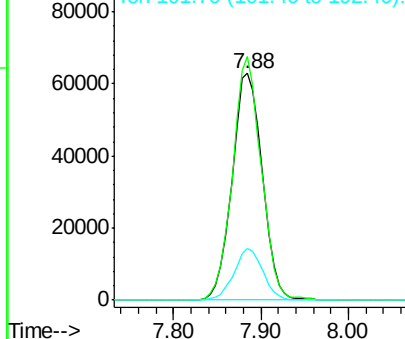


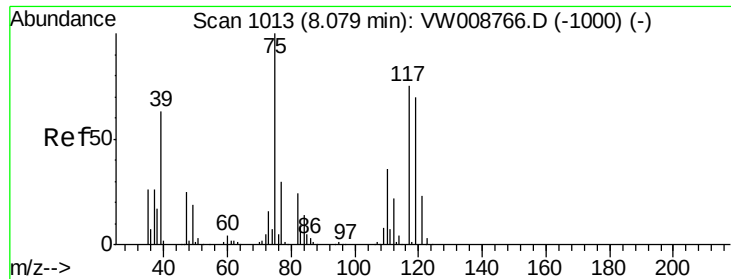
#35
Dibromofluoromethane
Concen: 51.151 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Tgt Ion:113 Resp: 151199
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 21.8 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

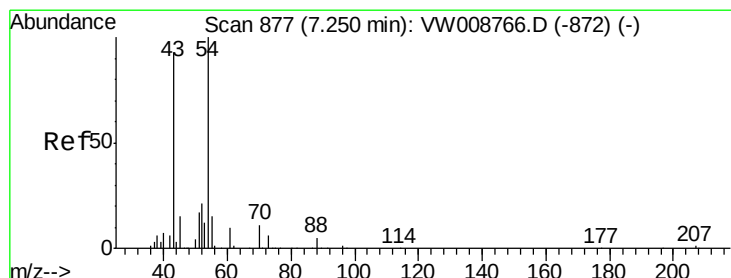
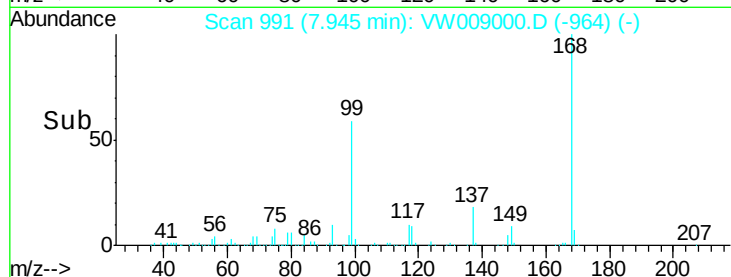
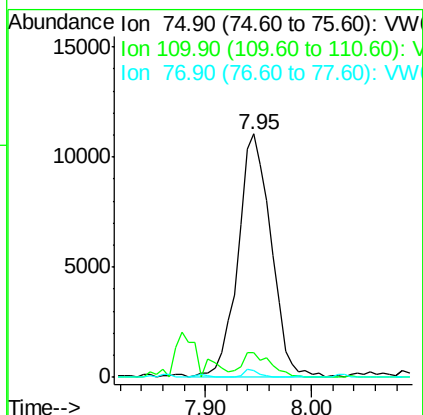
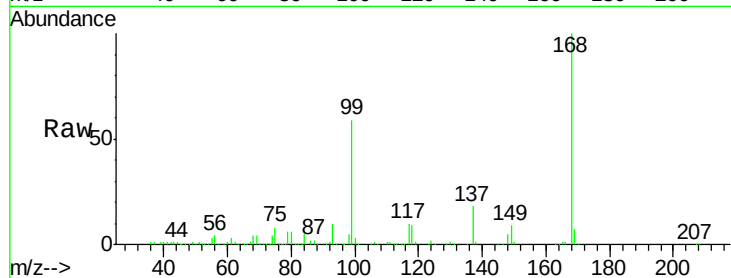




#36
 1,1-Dichloropropene
 Concen: 5.050 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009000.D
 Acq: 05 Mar 2019 16:50

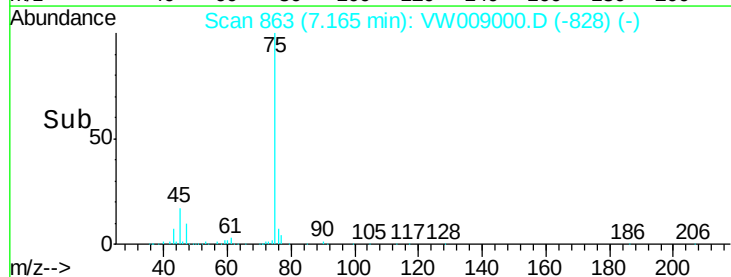
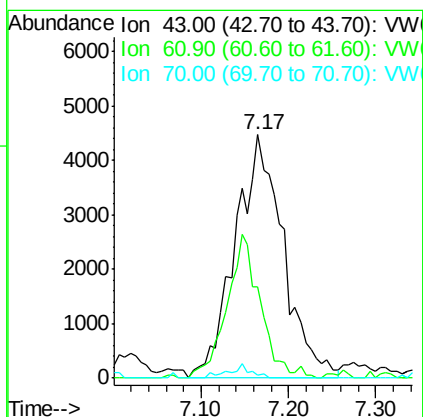
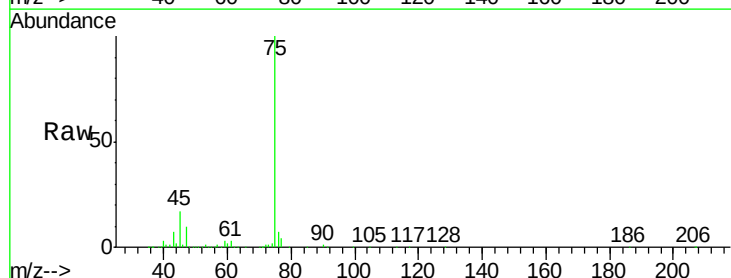
Instrument :
 MSVOA_W
 ClientSampled :

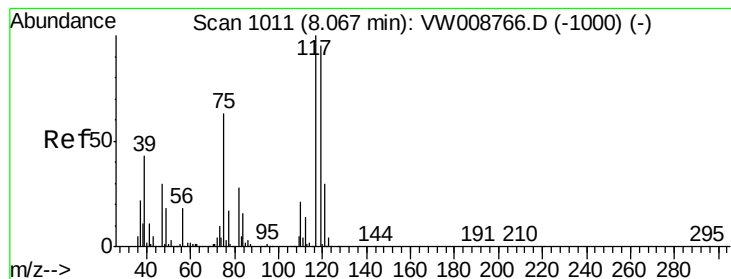
Tot Ion: 75 Resp: 24201
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.5 52.6#
 77 0.0 24.5 36.7#



#37
 Ethyl Acetate
 Concen: 7.680 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.09 min
 Lab File: VW009000.D
 Acq: 05 Mar 2019 16:50

Tgt Ion: 43 Resp: 17116
 Ion Ratio Lower Upper
 43 100
 61 40.3 9.8 14.8#
 70 2.5 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 5.886 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

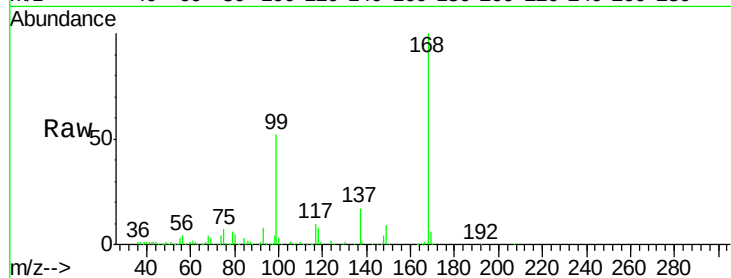
Tot Ion:117 Resp: 29750

Ion Ratio Lower Upper

117 100

119 5.2 76.1 114.1#

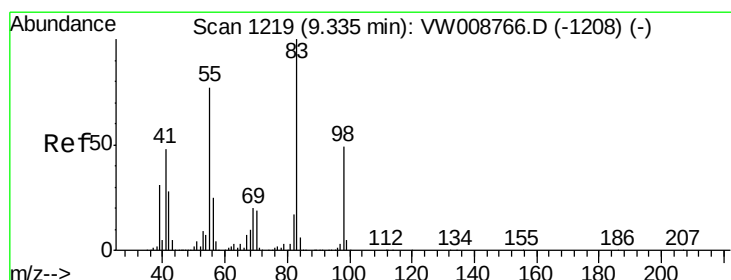
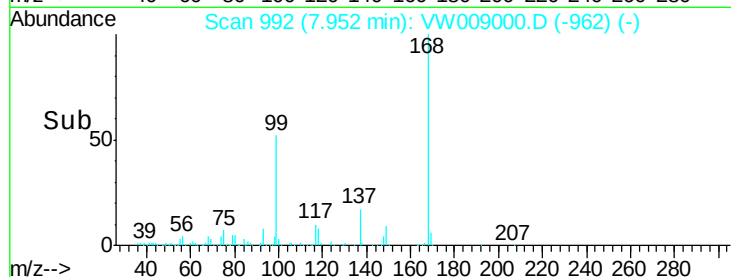
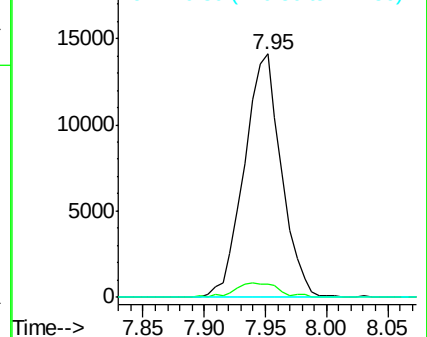
121 0.0 24.0 36.0#



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: 2.454 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

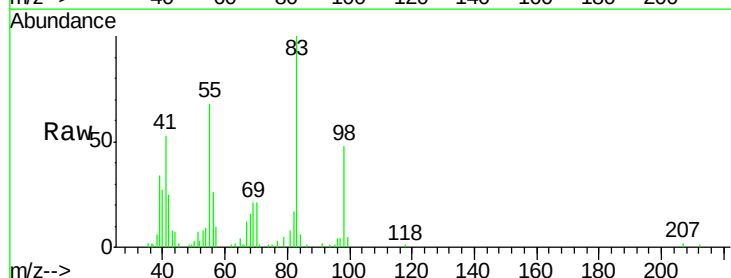
Tgt Ion: 83 Resp: 14667

Ion Ratio Lower Upper

83 100

55 66.7 61.2 91.8

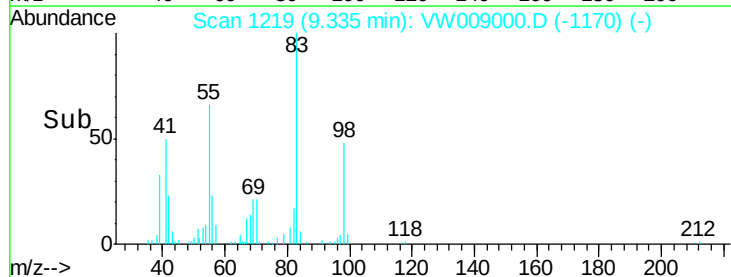
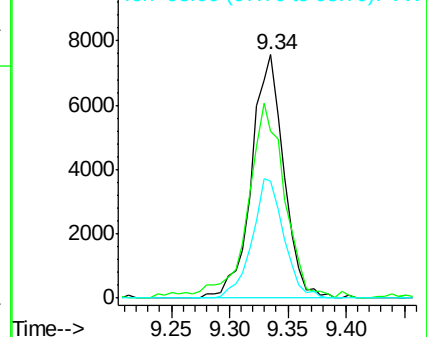
98 48.1 39.4 59.2

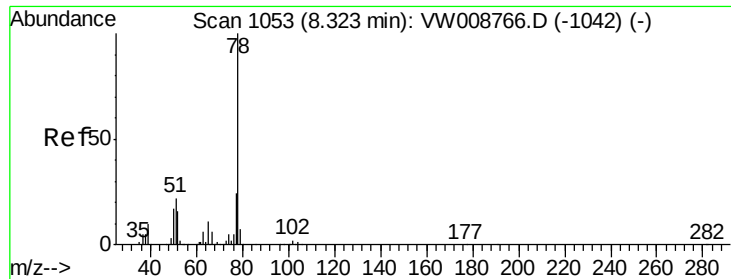


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 43.090 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

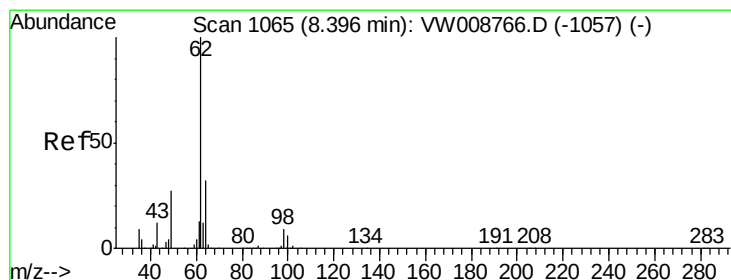
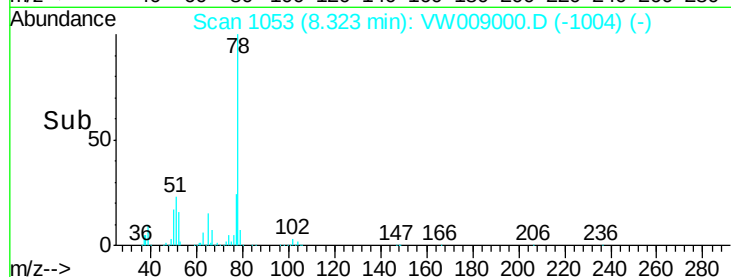
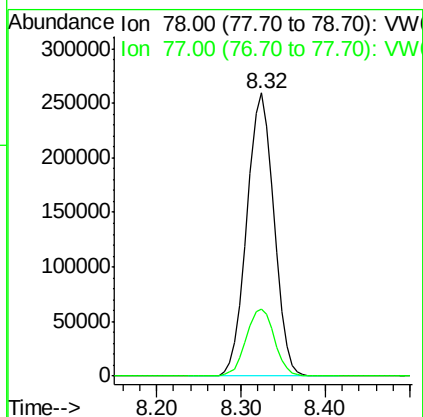
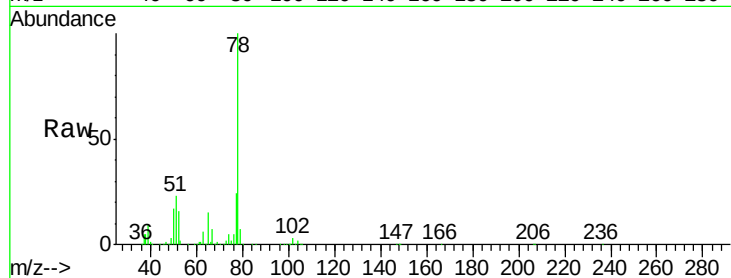
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 78 Resp: 563825

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9



#42

1,2-Dichloroethane

Concen: 1.385 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.08 min

Lab File: VW009000.D

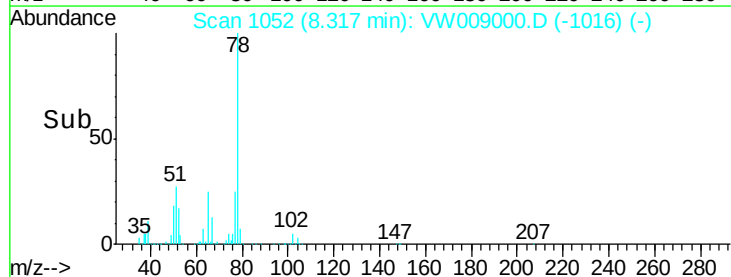
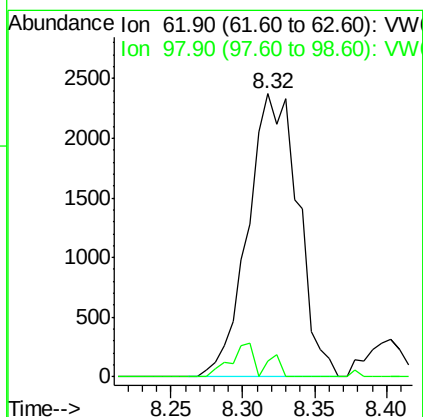
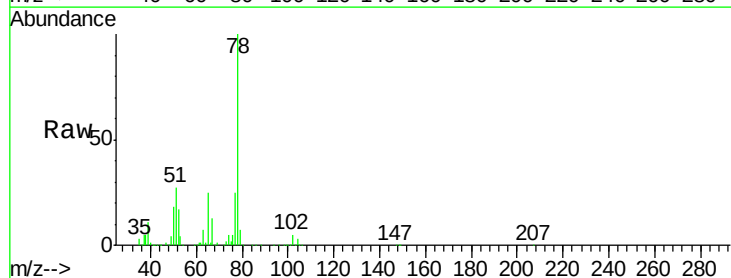
Acq: 05 Mar 2019 16:50

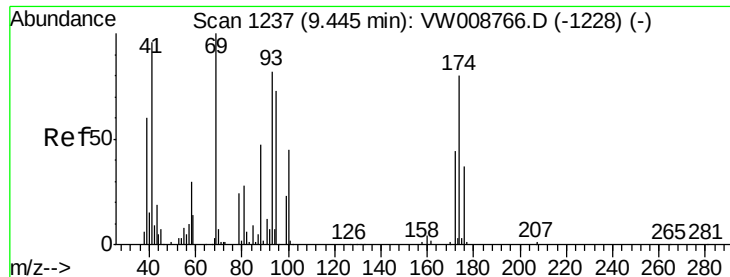
Tgt Ion: 62 Resp: 5742

Ion Ratio Lower Upper

62 100

98 5.3 0.0 18.2

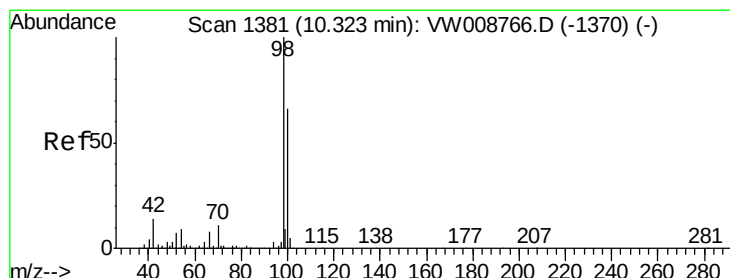
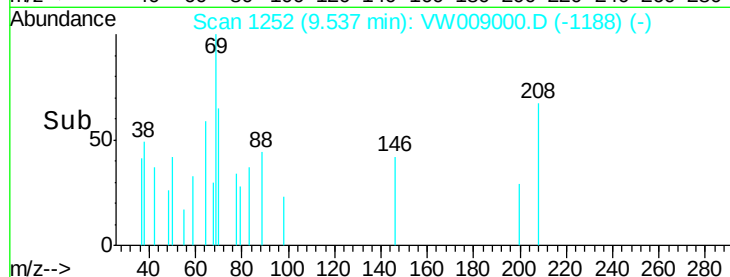
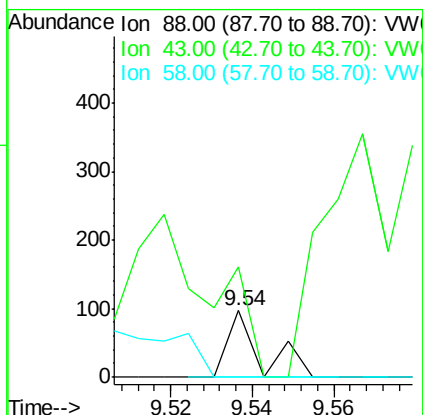
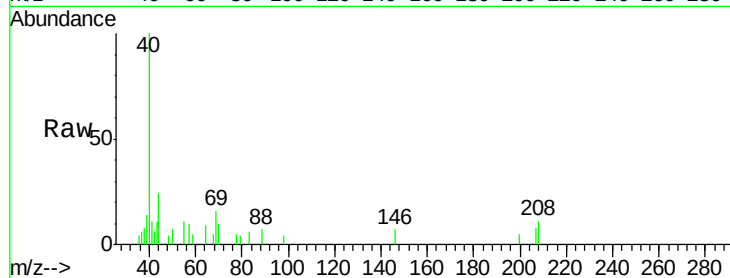




#49
1,4-Dioxane
Concen: 1.875 ug/l
RT: 9.54 min Scan# 1252
Delta R.T. 0.09 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

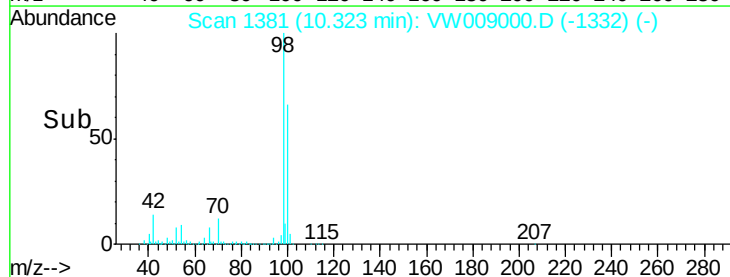
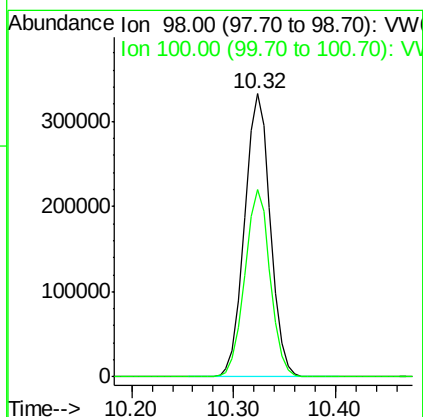
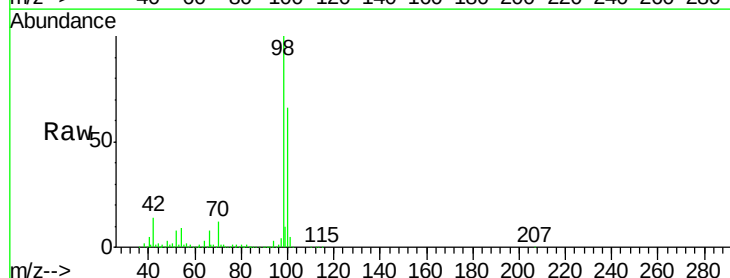
Instrument :
MSVOA_W
ClientSampled :

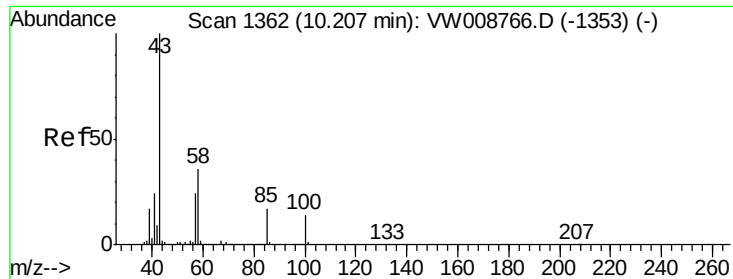
Tot Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 0.0 52.0 78.0#



#50
Toluene-d8
Concen: 51.023 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Tgt Ion: 98 Resp: 582215
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

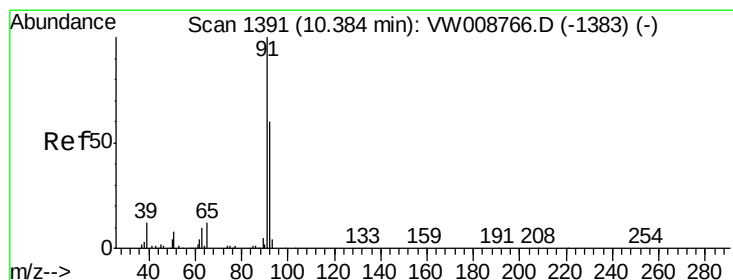
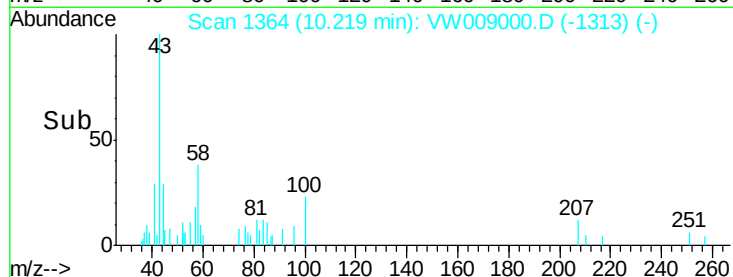
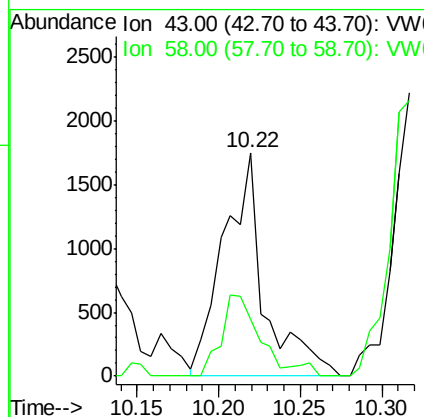
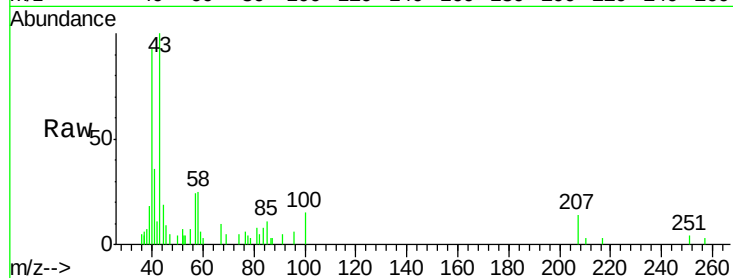




#51
 4-Methyl-2-Pentanone
 Concen: 1.348 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VW009000.D
 Acq: 05 Mar 2019 16:50

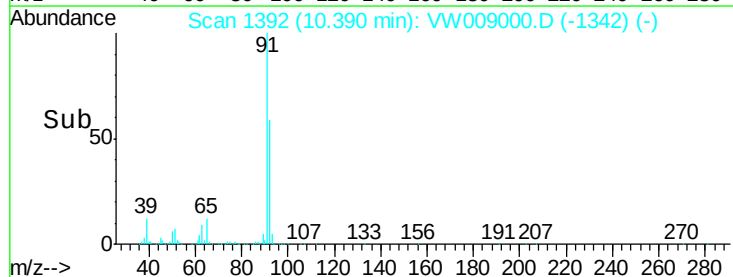
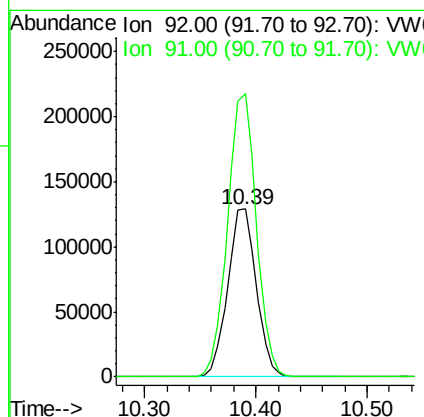
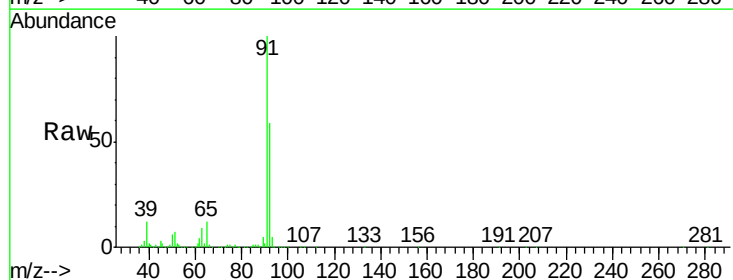
Instrument :
 MSVOA_W
 ClientSampled :

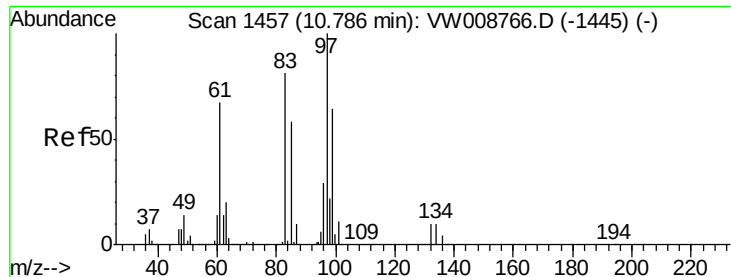
Tot Ion: 43 Resp: 3045
 Ion Ratio Lower Upper
 43 100
 58 33.2 29.1 43.7



#52
 Toluene
 Concen: 25.814 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW009000.D
 Acq: 05 Mar 2019 16:50

Tgt Ion: 92 Resp: 229239
 Ion Ratio Lower Upper
 92 100
 91 169.4 136.9 205.3

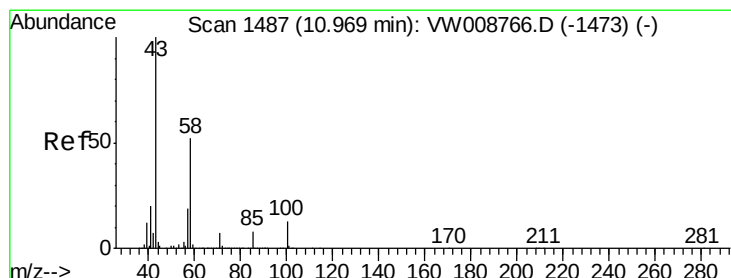
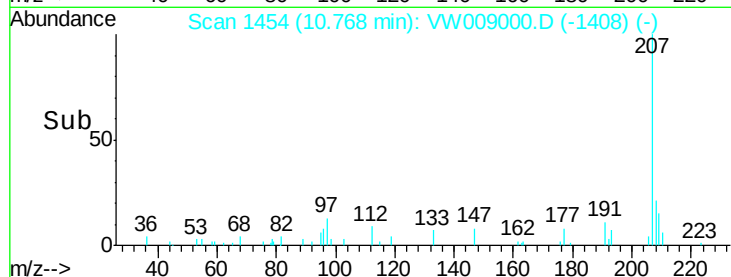
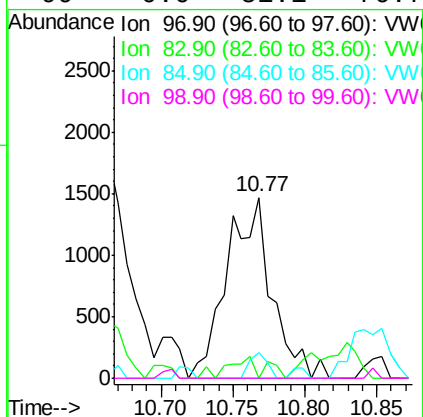
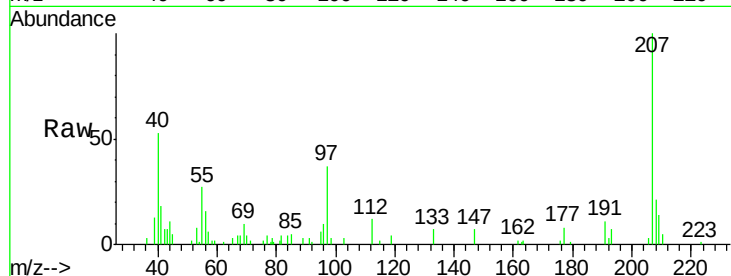




#55
 1,1,2-Trichloroethane
 Concen: 1.312 ug/l
 RT: 10.77 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: VW009000.D
 Acq: 05 Mar 2019 16:50

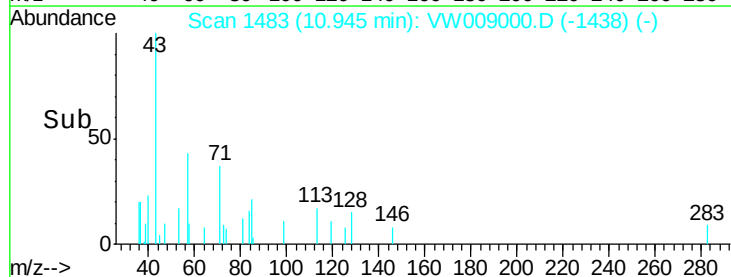
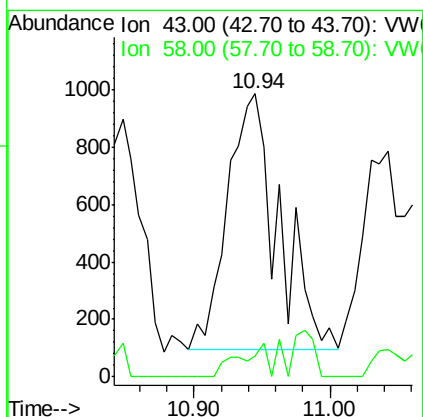
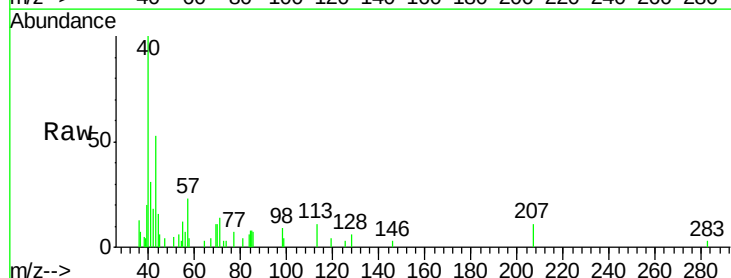
Instrument :
 MSVOA_W
 ClientSampled :

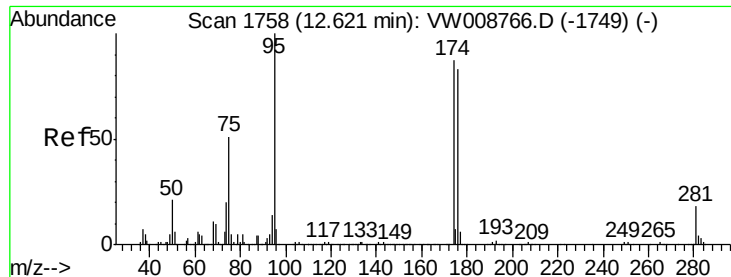
Tot Ion: 97 Resp: 3199
 Ion Ratio Lower Upper
 97 100
 83 0.0 65.0 97.6#
 85 8.0 46.0 69.0#
 99 0.0 51.1 76.7#



#59
 2-Hexanone
 Concen: 1.445 ug/l
 RT: 10.94 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: VW009000.D
 Acq: 05 Mar 2019 16:50

Tgt Ion: 43 Resp: 2322
 Ion Ratio Lower Upper
 43 100
 58 6.8 25.3 75.8#





#62

4-Bromofluorobenzene

Concen: 45.651 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

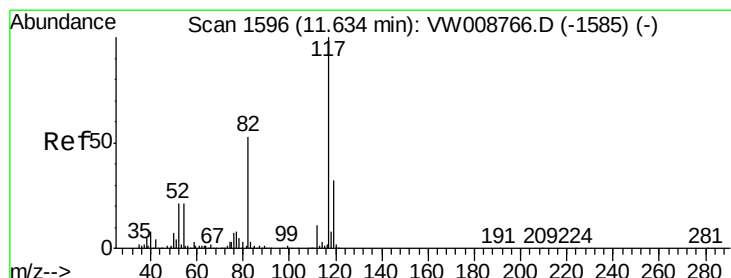
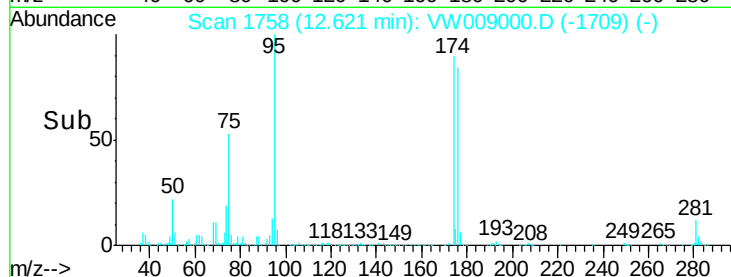
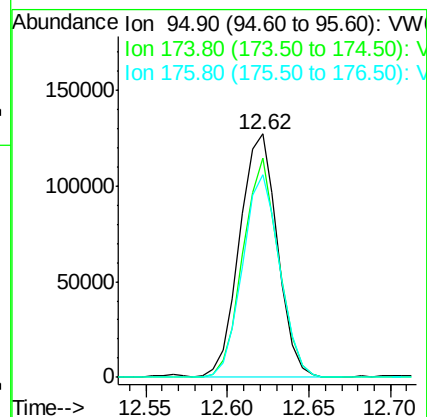
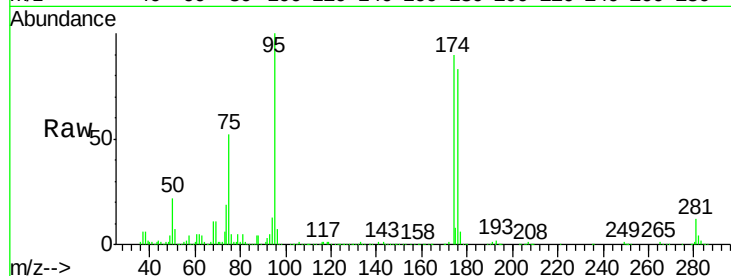
Tot Ion: 95 Resp: 203963

Ion Ratio Lower Upper

95 100

174 85.5 0.0 169.2

176 82.6 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: VW009000.D

Acq: 05 Mar 2019 16:50

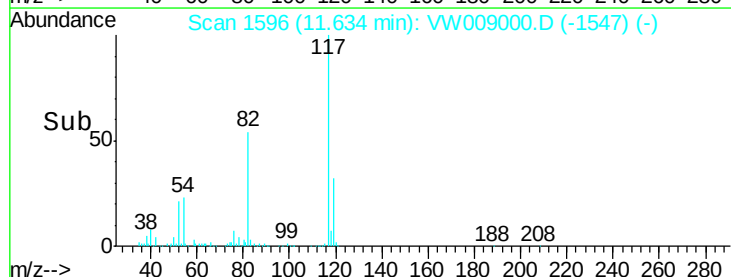
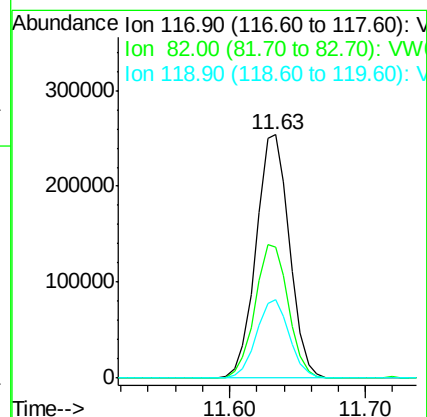
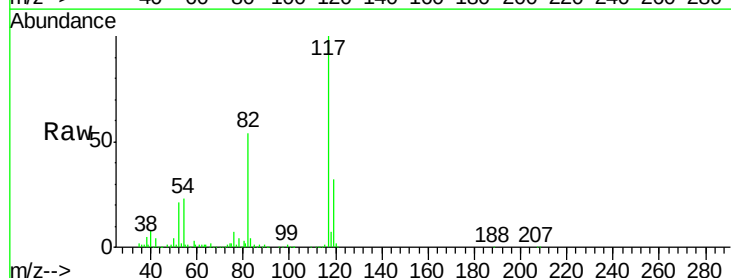
Tgt Ion: 117 Resp: 437258

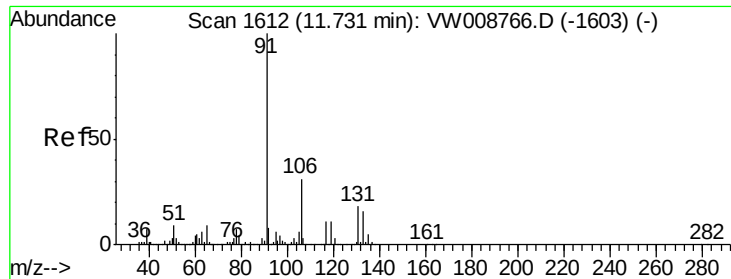
Ion Ratio Lower Upper

117 100

82 54.0 42.2 63.4

119 32.2 25.9 38.9

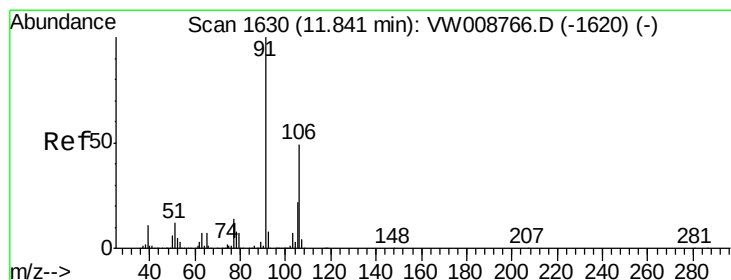
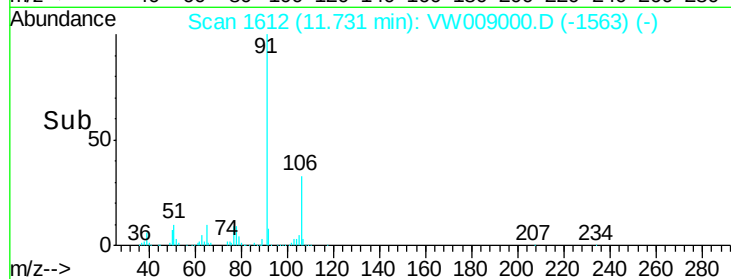
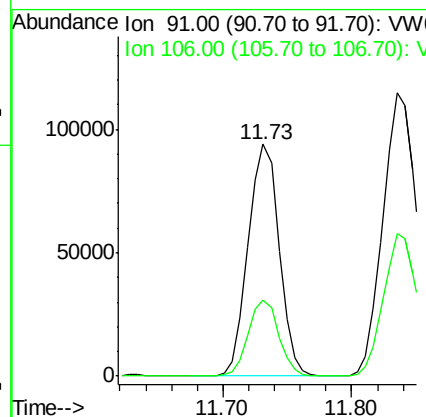
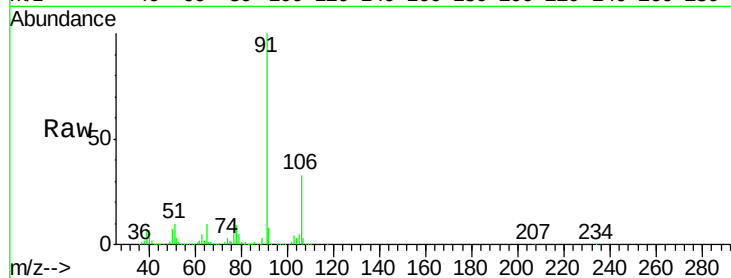




#67
Ethyl Benzene
Concen: 9.540 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

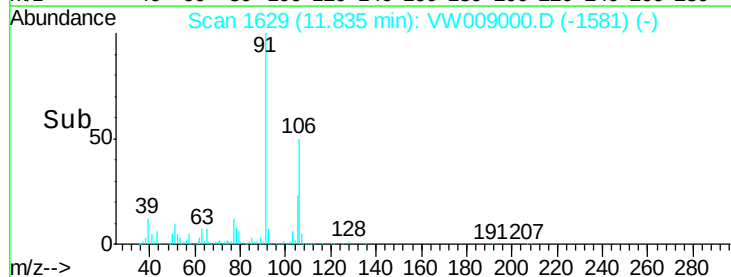
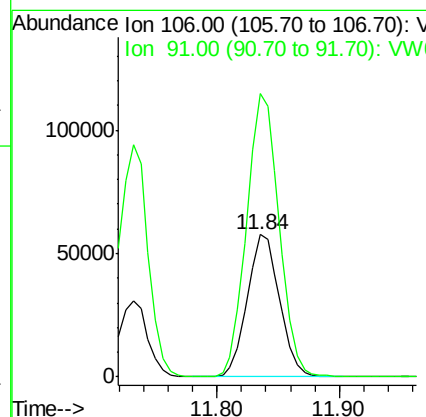
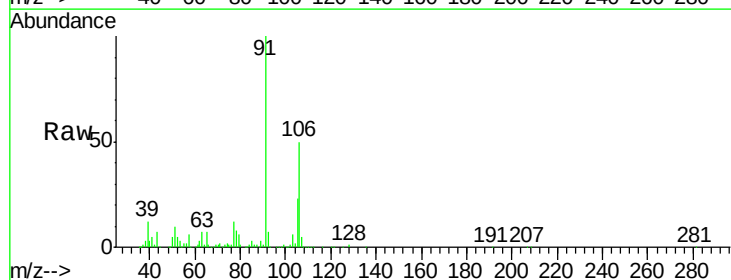
Instrument :
MSVOA_W
ClientSampleId :

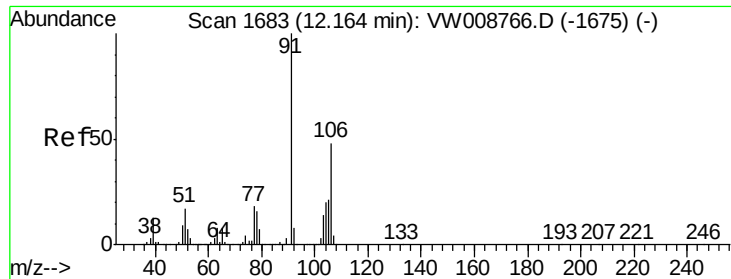
Tot Ion: 91 Resp: 156796
Ion Ratio Lower Upper
91 100
106 32.8 25.0 37.6



#68
m/p-Xylenes
Concen: 16.067 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Tgt Ion: 106 Resp: 105512
Ion Ratio Lower Upper
106 100
91 200.8 161.5 242.3

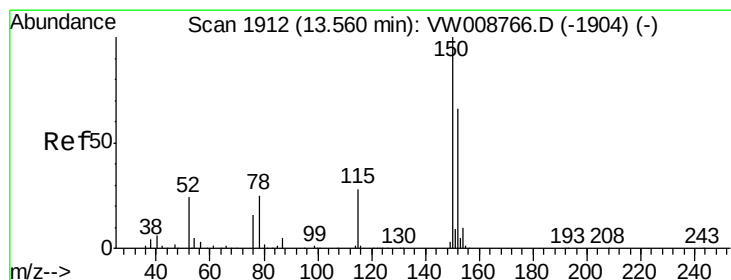
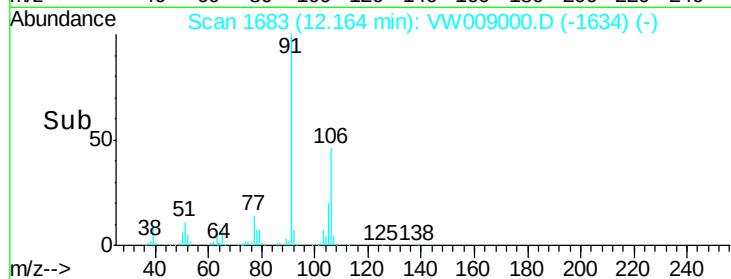
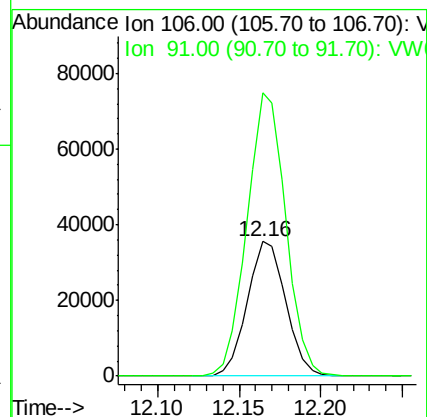
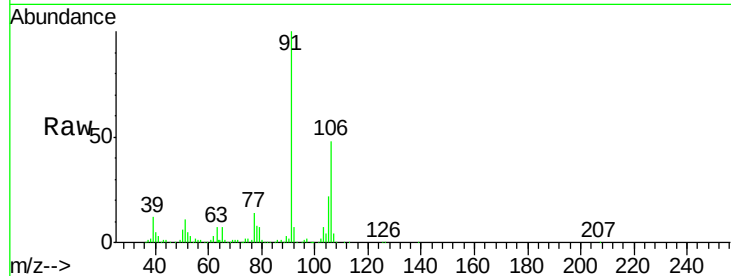




#69
o-Xylene
Concen: 9.493 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

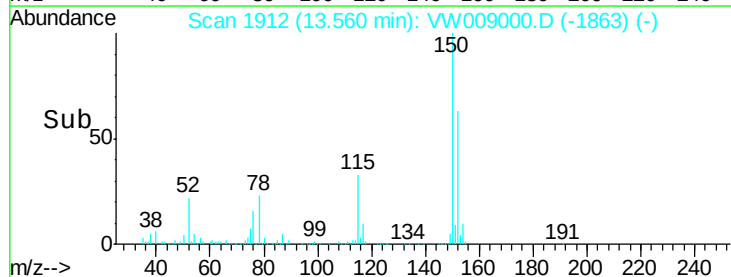
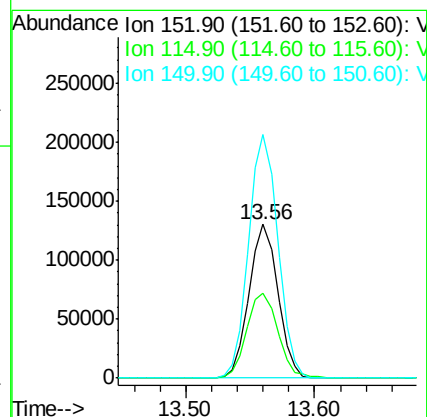
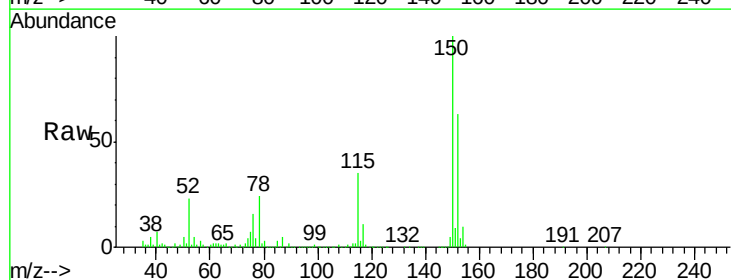
Instrument :
MSVOA_W
ClientSampleId :

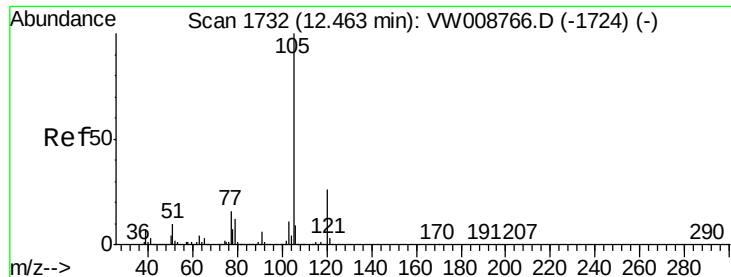
Tot Ion:106 Resp: 58513
Ion Ratio Lower Upper
106 100
91 211.4 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Tgt Ion:152 Resp: 202235
Ion Ratio Lower Upper
152 100
115 58.8 28.6 85.8
150 159.8 0.0 348.0





#73

Isopropylbenzene

Concen: 1.135 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

Instrument :

MSVOA_W

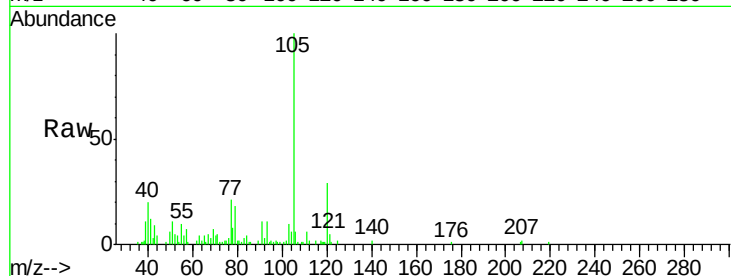
ClientSampled :

Tot Ion:105 Resp: 15737

Ion Ratio Lower Upper

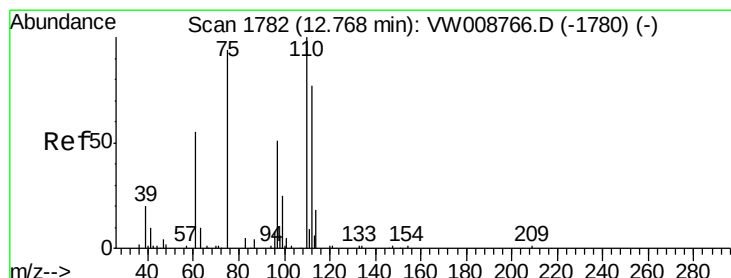
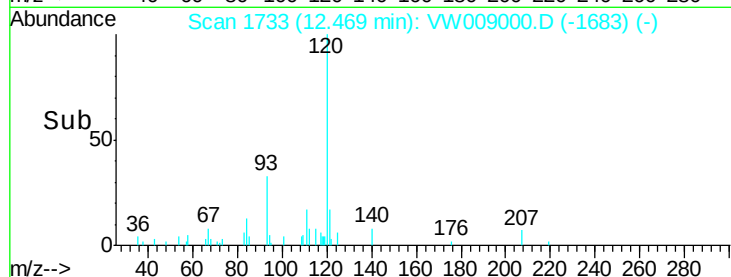
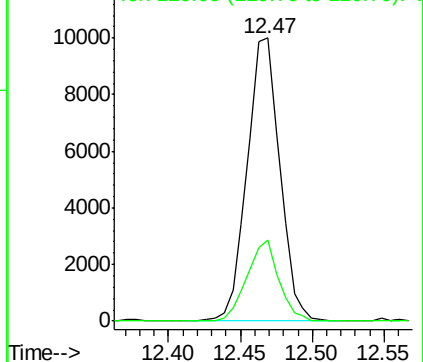
105 100

120 27.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 66.166 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009000.D

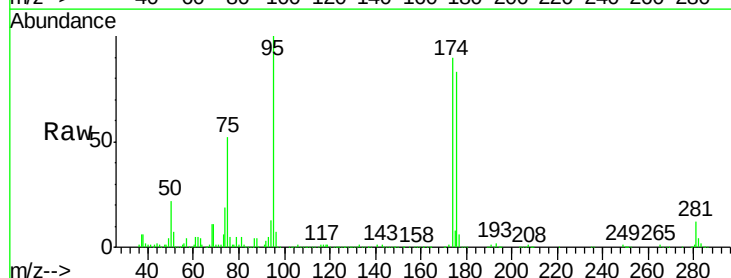
Acq: 05 Mar 2019 16:50

Tgt Ion: 75 Resp: 110478

Ion Ratio Lower Upper

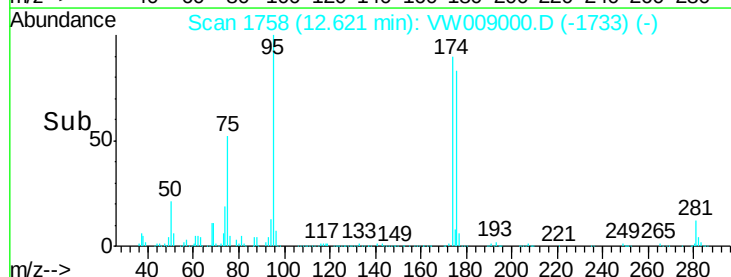
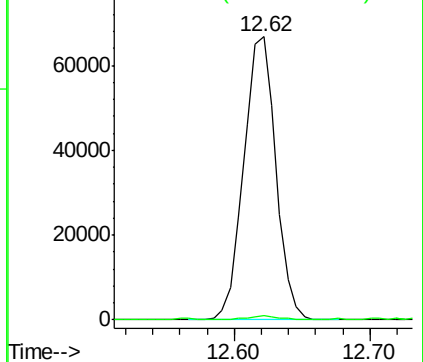
75 100

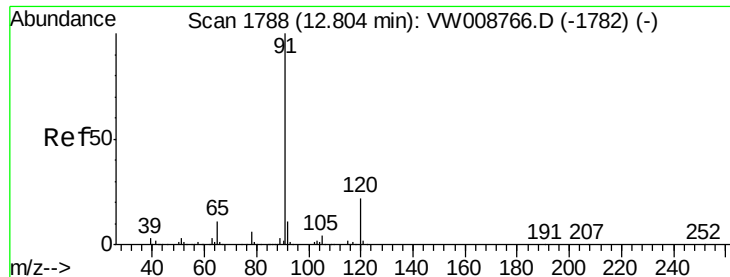
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 1.553 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

Instrument :

MSVOA_W

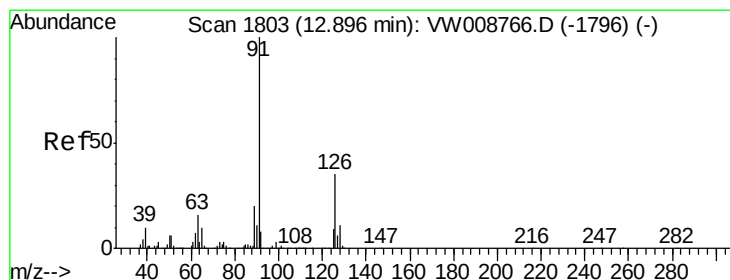
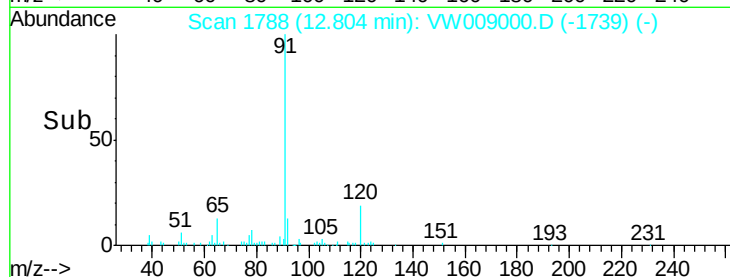
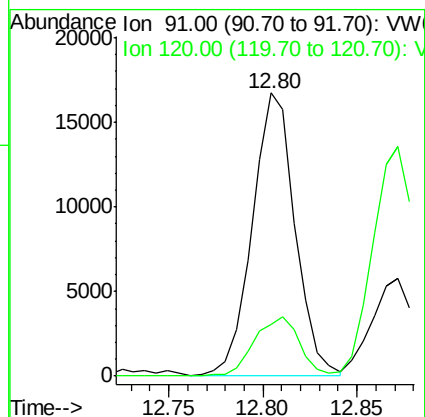
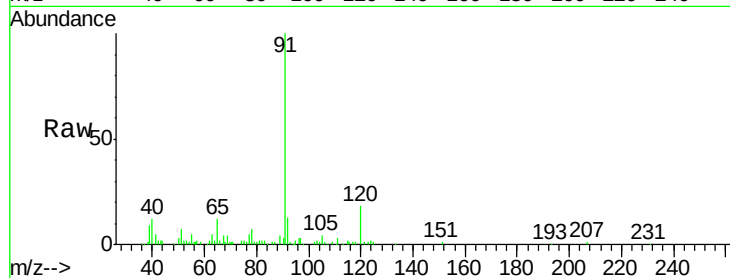
ClientSampleId :

Tot Ion: 91 Resp: 26343

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4



#79

2-Chlorotoluene

Concen: 1.446 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW009000.D

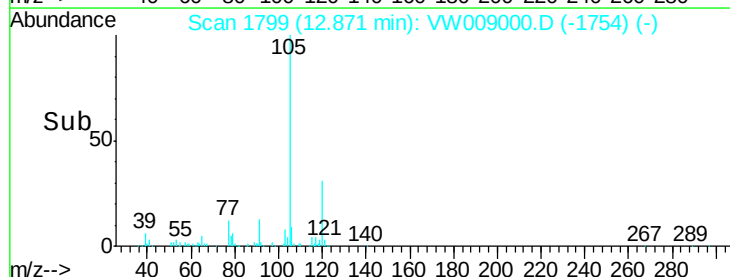
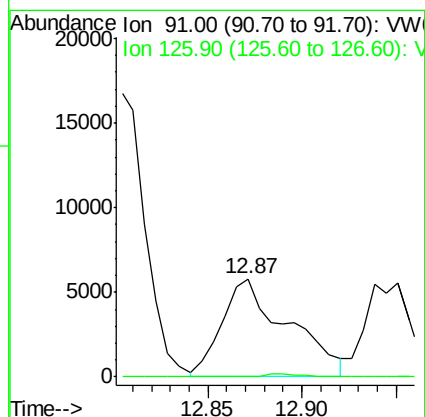
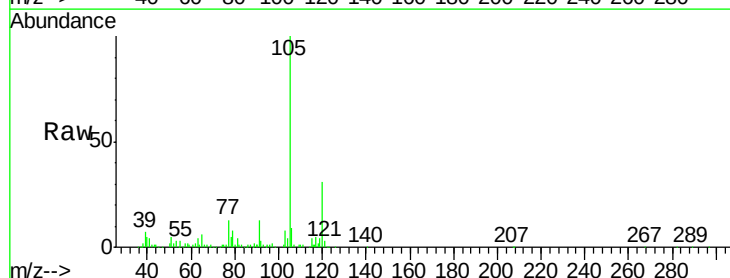
Acq: 05 Mar 2019 16:50

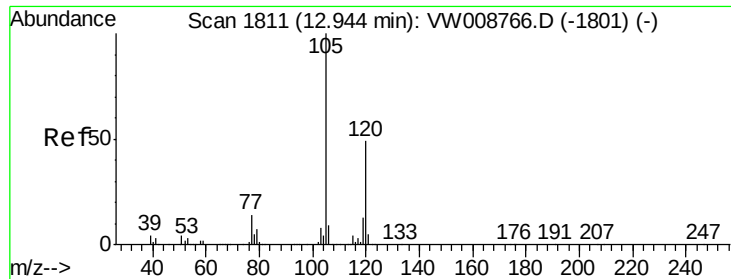
Tgt Ion: 91 Resp: 13920

Ion Ratio Lower Upper

91 100

126 2.0 17.0 51.0#





#80

1,3,5-Trimethylbenzene

Concen: 6.599 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

Instrument :

MSVOA_W

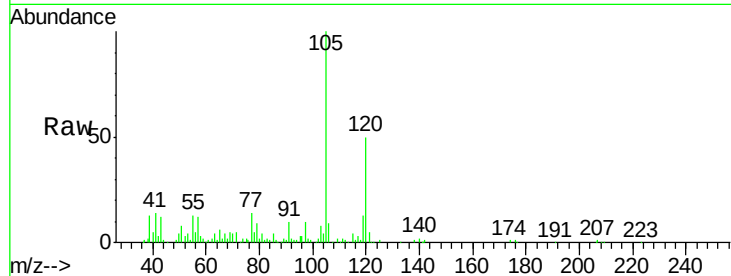
ClientSampled :

Tot Ion:105 Resp: 79502

Ion Ratio Lower Upper

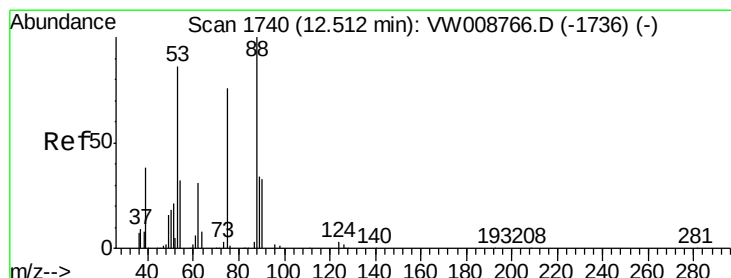
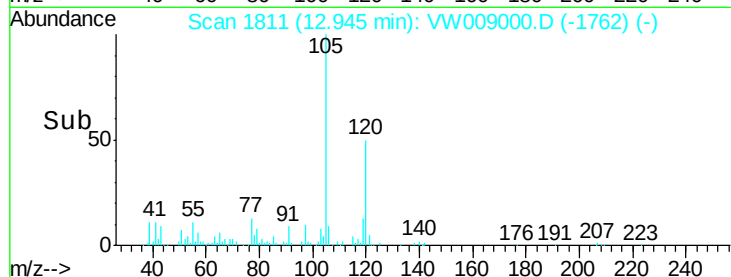
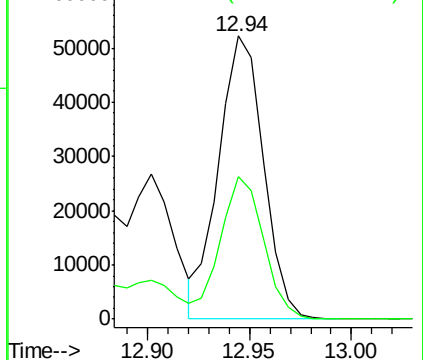
105 100

120 48.8 24.8 74.4



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: 160.854 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

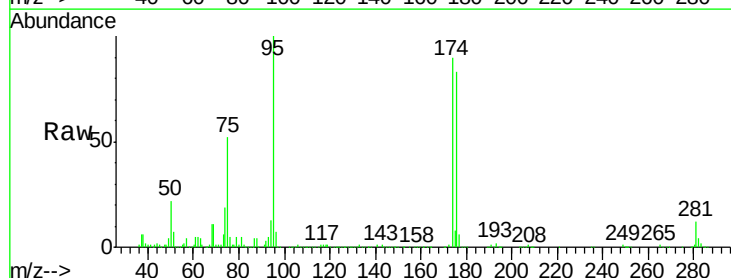
Tgt Ion: 75 Resp: 110478

Ion Ratio Lower Upper

75 100

53 0.4 88.2 132.2#

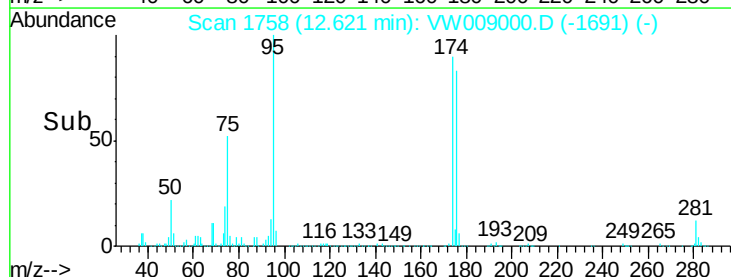
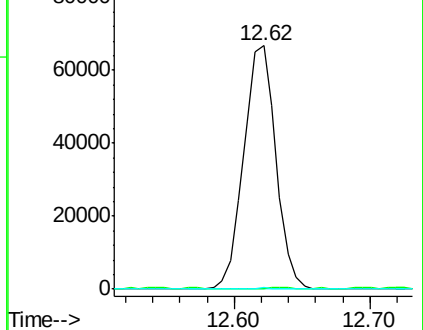
89 0.4 39.5 59.3#

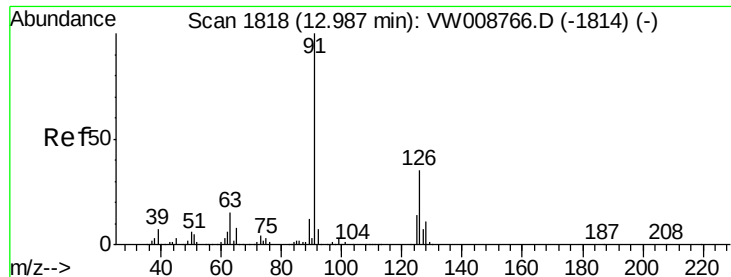


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#82

4-Chlorotoluene

Concen: 1.047 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

Instrument :

MSVOA_W

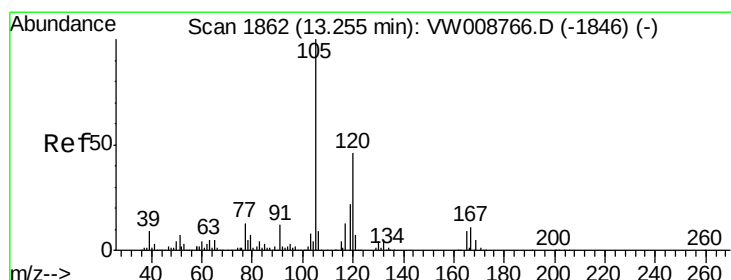
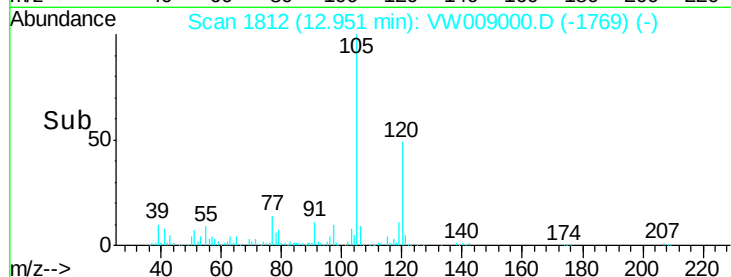
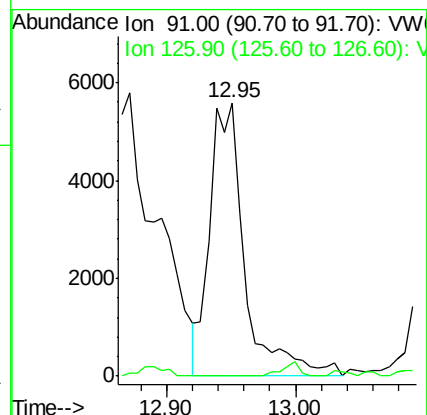
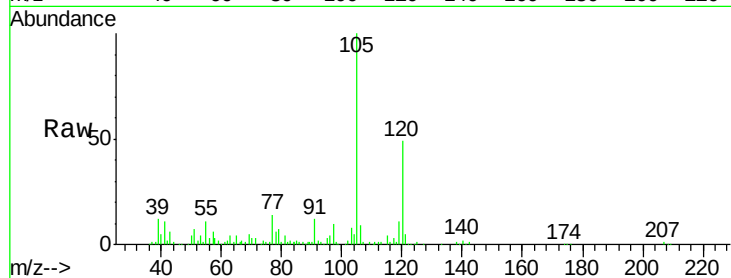
ClientSampleId :

Tot Ion: 91 Resp: 10621

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#



#84

1,2,4-Trimethylbenzene

Concen: 9.580 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW009000.D

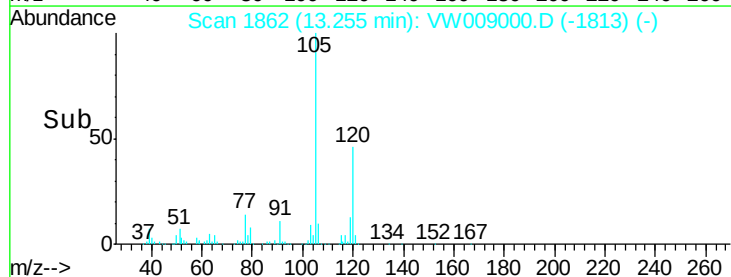
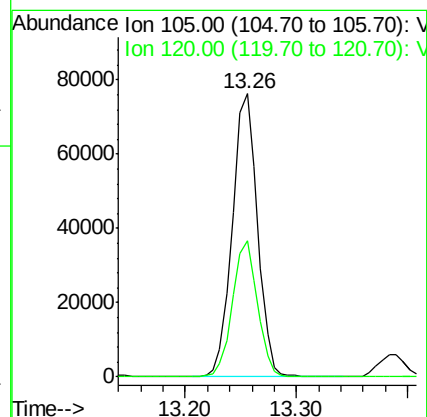
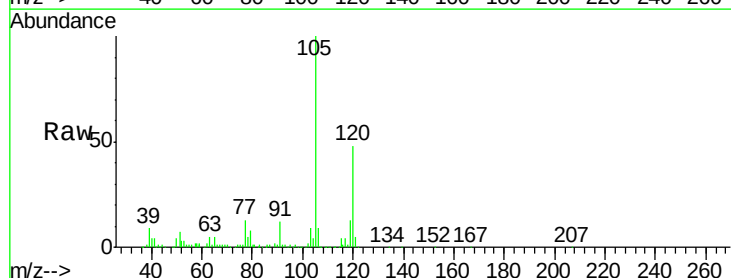
Acq: 05 Mar 2019 16:50

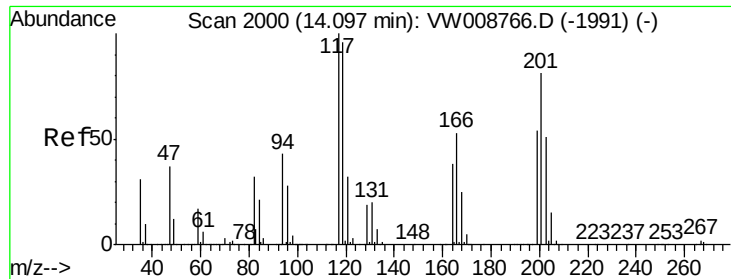
Tgt Ion: 105 Resp: 119483

Ion Ratio Lower Upper

105 100

120 47.9 22.8 68.4





#90

Hexachloroethane

Concen: 1.487 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

Instrument :

MSVOA_W

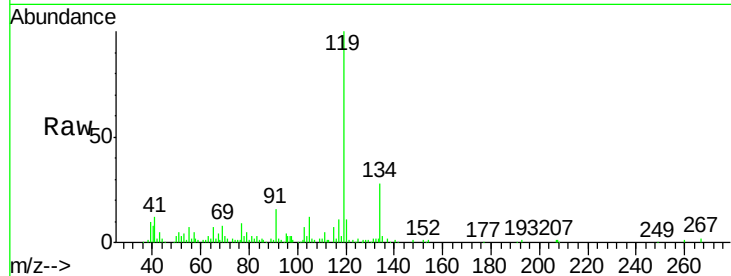
ClientSampled :

Tot Ion:117 Resp: 3342

Ion Ratio Lower Upper

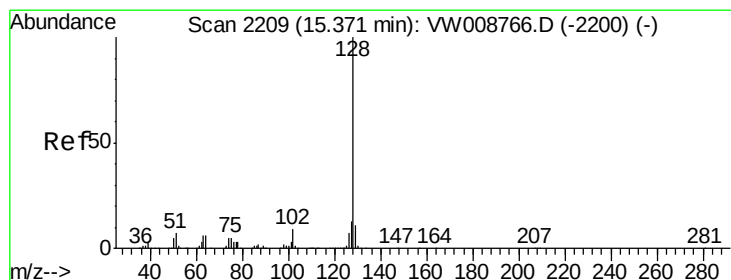
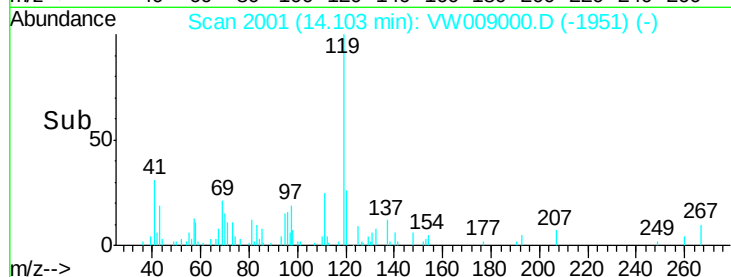
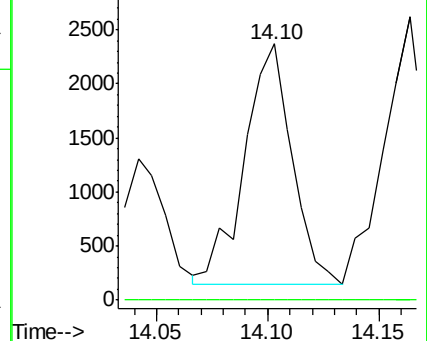
117 100

201 0.0 40.3 120.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 17.065 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

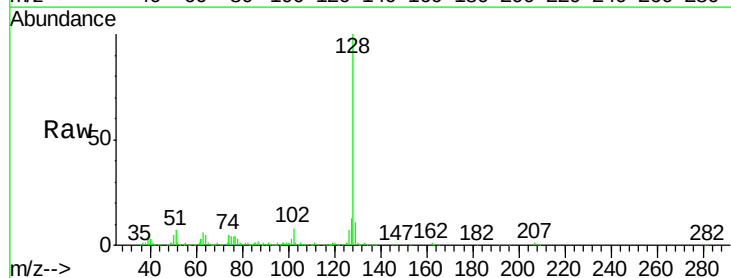
Tgt Ion:128 Resp: 126790

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.1 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

