

Data File : VW008501.D
Acq On : 04 Feb 2019 15:01
Operator : SY/VA
Sample : K1299-01
Misc : 5.09G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

Quant Time: Feb 05 03:02:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	290121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	463519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	152310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	159040	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
35) Dibromofluoromethane	7.88	113	145769	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
50) Toluene-d8	10.32	98	531222	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.62	95	179717	43.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	270	3.403	ug/l #	41
7) Trichlorofluoromethane	3.26	101	50	4.742	ug/l #	17
11) Tert butyl alcohol	5.18	59	867	3.778	ug/l	99
13) Acrolein	3.89	56	1230	10.159	ug/l #	78
16) Acetone	4.12	43	52952	82.731	ug/l	95
17) Carbon Disulfide	4.37	76	16332	1.926	ug/l #	93
20) Methylene Chloride	4.90	84	6551	2.221	ug/l #	91
25) 2-Butanone	7.18	43	21254	23.907	ug/l #	89
29) Tetrahydrofuran	7.52	42	1430	2.538	ug/l #	89
31) Cyclohexane	7.94	56	8615	1.540	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	19965	4.560	ug/l #	53
37) Ethyl Acetate	7.18	43	21254	10.972	ug/l #	71
38) Carbon Tetrachloride	7.95	117	27261	6.187	ug/l #	17
39) Methylcyclohexane	9.34	83	16913	2.940	ug/l	92
49) 1,4-Dioxane	9.44	88	274	10.404	ug/l #	23
51) 4-Methyl-2-Pentanone	10.22	43	2126	1.069	ug/l #	62
55) 1,1,2-Trichloroethane	10.76	97	8730	4.039	ug/l #	26
56) Ethyl methacrylate	10.66	69	3673	1.213	ug/l #	1
59) 2-Hexanone	10.94	43	27675	19.717	ug/l #	32
67) Ethyl Benzene	11.73	91	87060	5.972	ug/l	98
68) m/p-Xylenes	11.84	106	41614	7.358	ug/l	90
69) o-Xylene	12.16	106	43258	8.049	ug/l	100
73) Isopropylbenzene	12.46	105	77975	6.867	ug/l	98
74) N-amyl acetate	12.26	43	35317	12.073	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.62	83	2937	1.634	ug/l	66
76) 1,2,3-Trichloropropane	12.87	75	3384	2.555	ug/l #	1
78) n-propylbenzene	12.80	91	13851	1.016	ug/l	96
79) 2-Chlorotoluene	12.87	91	43497	5.652	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.94	105	149119	15.712	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	88417	131.873	ug/l #	12
82) 4-Chlorotoluene	12.94	91	16042	1.958	ug/l #	51
83) tert-Butylbenzene	13.44	119	80240	9.501	ug/l	69
84) 1,2,4-Trimethylbenzene	13.26	105	294935	30.574	ug/l	100
85) sec-Butylbenzene	13.26	105	294935	24.452	ug/l #	56

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020419\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.50	119	91214	8.633	ug/l	99
89) n-Butylbenzene	13.79	91	37601	3.625	ug/l #	1
90) Hexachloroethane	14.10	117	18216	8.816	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.49	75	509	1.492	ug/l #	19
95) Naphthalene	15.37	128	2280165	410.654	ug/l	100

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

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Acq On : 04 Feb 2019 15:01

Operator : SY/VA

Sample : K1299-01

Misc : 5.09G/5ML/MSVOA_W/SOIL

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ALS Vial      : 6      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

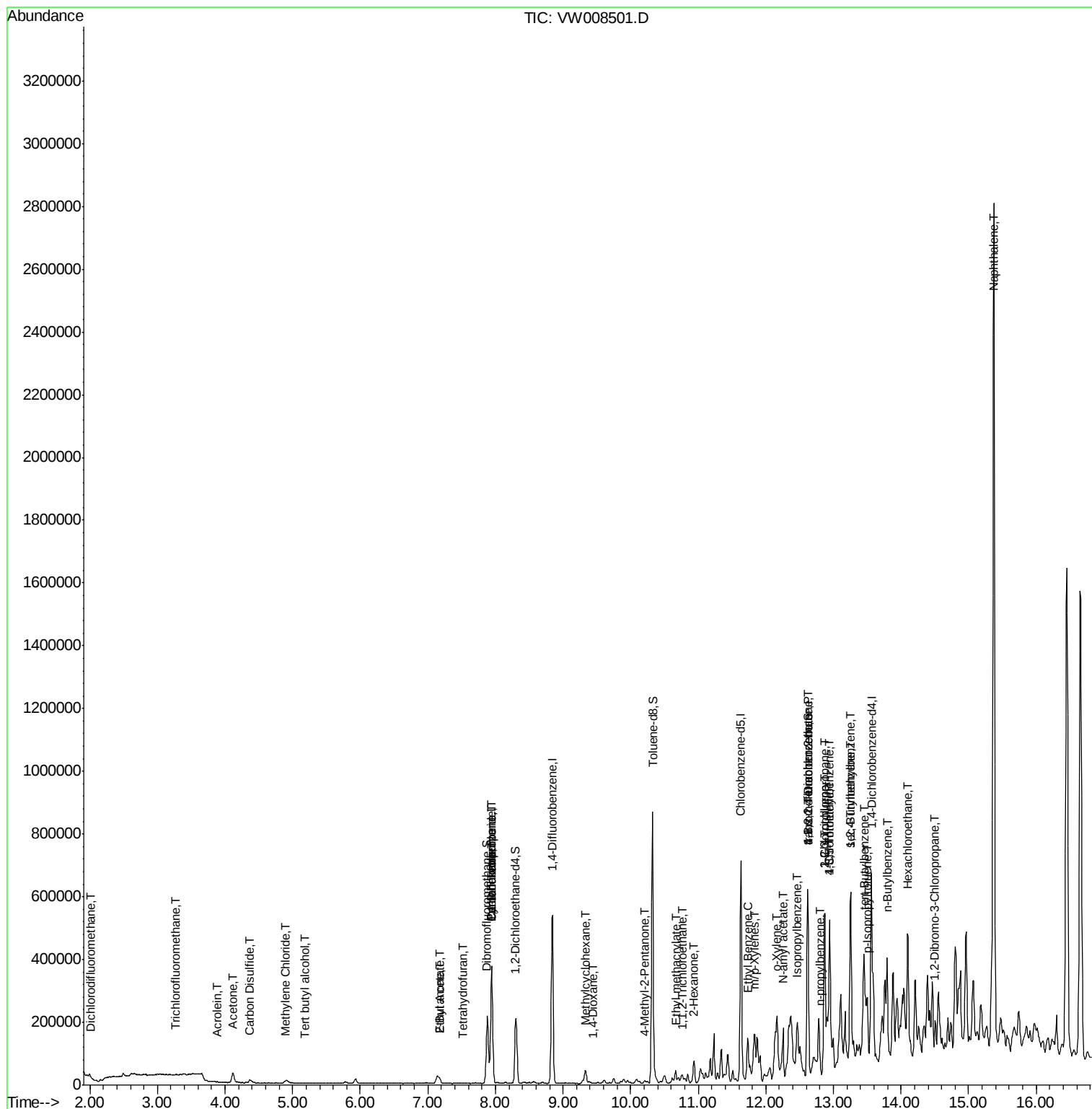
Quant Time: Feb 05 03:02:33 2019

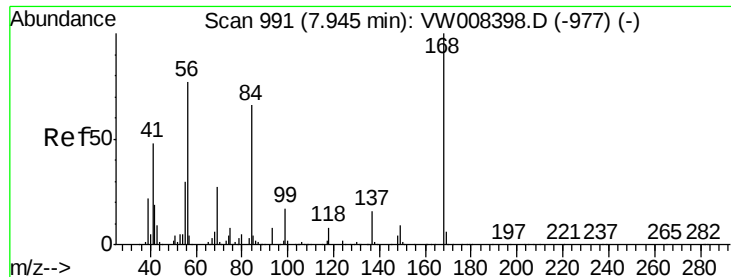
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Quant Title : SW846 8260

QLast Update : Fri Jan 25 11:07:41 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

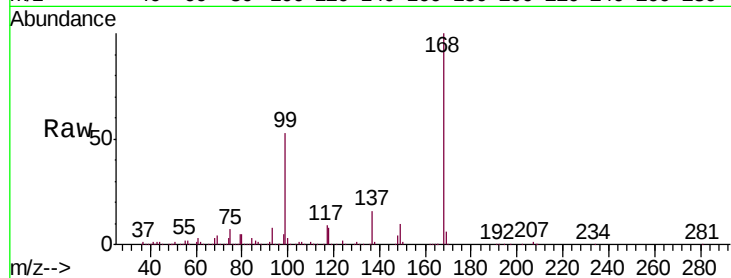
0035-COMP-1

Tgt Ion: 168 Resp: 290121

Ion Ratio Lower Upper

168 100

99 52.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

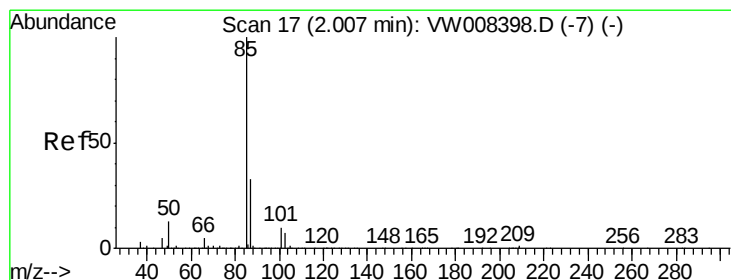
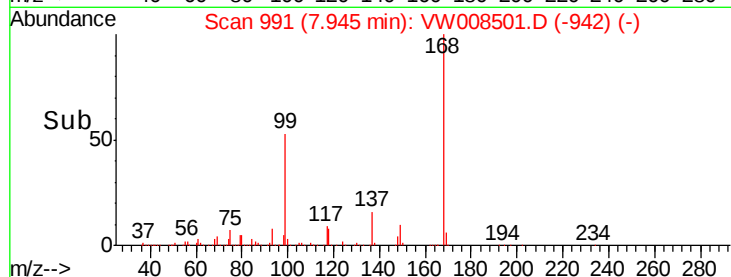
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 3.403 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008501.D

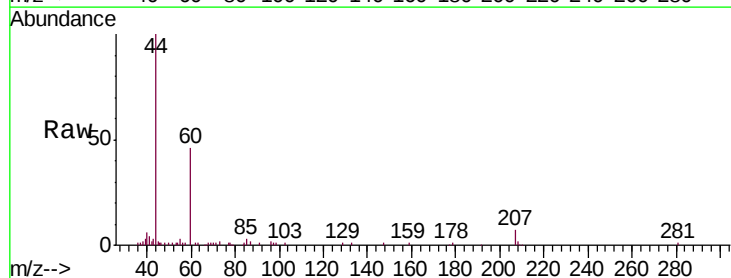
Acq: 04 Feb 2019 15:01

Tgt Ion: 85 Resp: 270

Ion Ratio Lower Upper

85 100

87 67.1 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

400

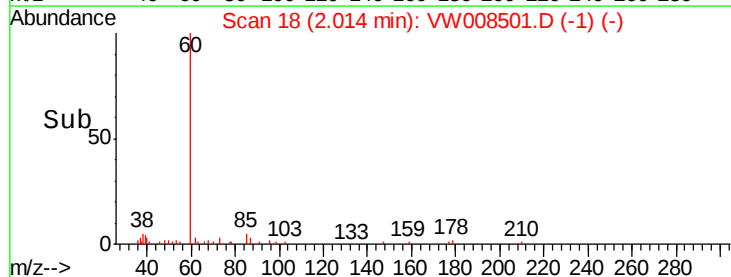
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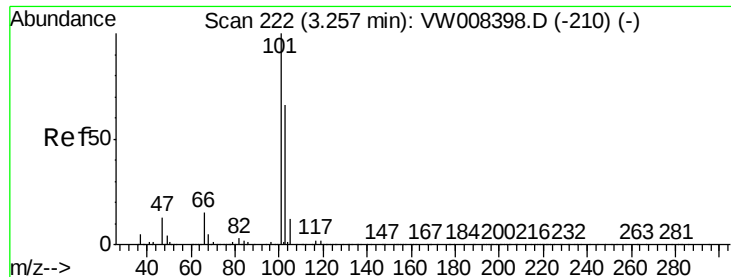
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100

0

Time--> 1.96 1.98 2.00 2.02



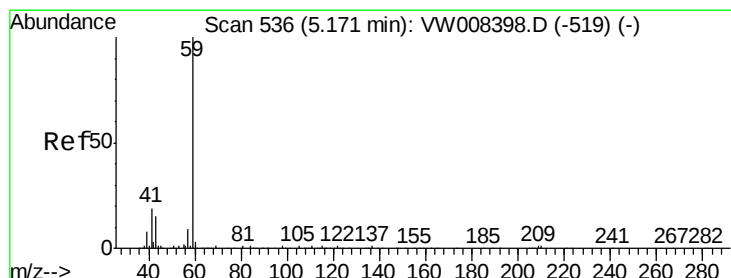
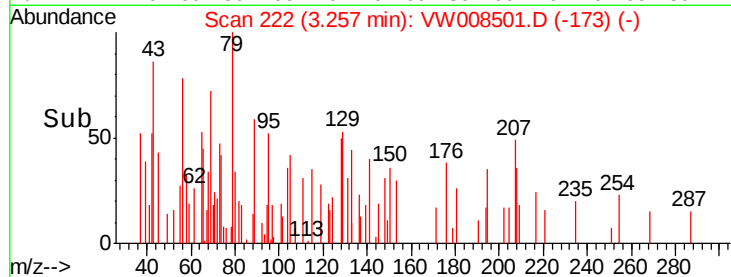
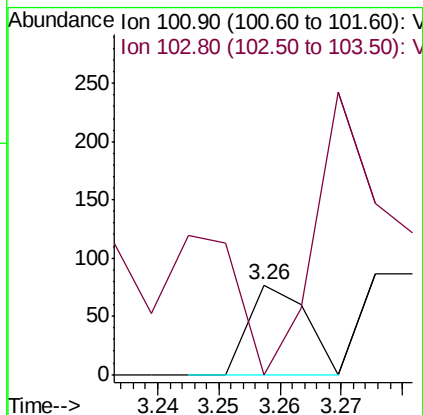
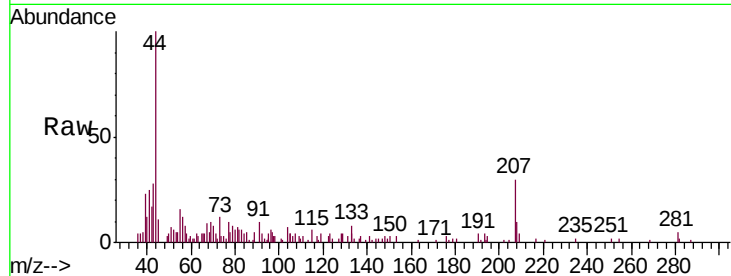


#7

Trichlorofluoromethane
Concen: 4.742 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Instrument :
MSVOA_W
ClientSampled :
0035-COMP-1

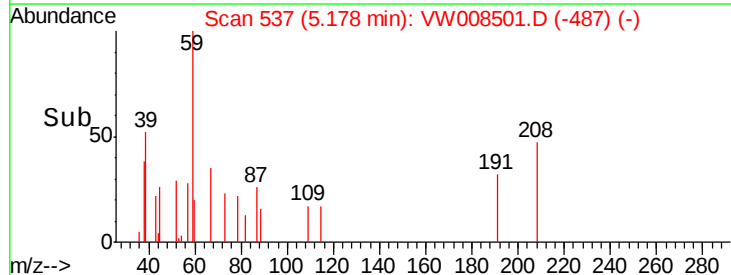
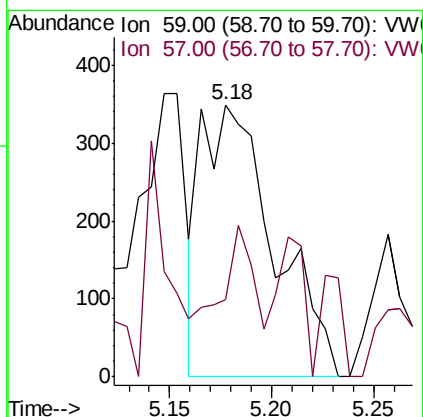
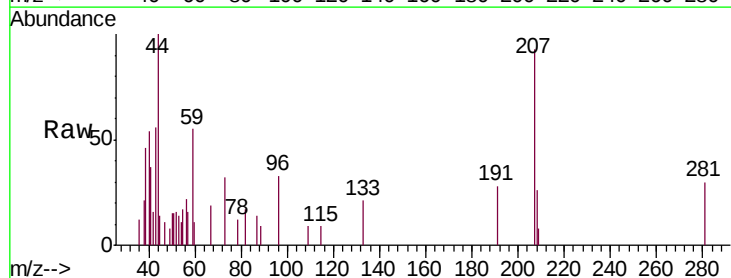
Tgt Ion:101 Resp: 50
Ion Ratio Lower Upper
101 100
103 0.0 52.5 78.7#

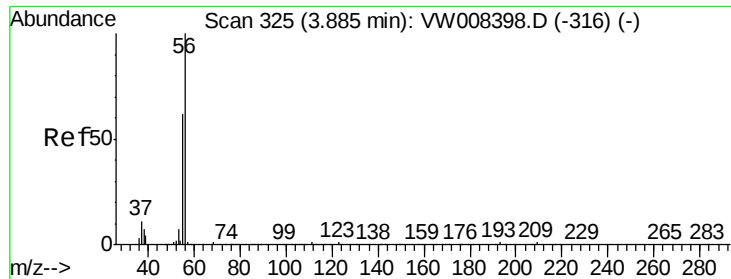


#11

Tert butyl alcohol
Concen: 3.778 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Tgt Ion: 59 Resp: 867
Ion Ratio Lower Upper
59 100
57 11.9 9.3 13.9





#13

Acrolein

Concen: 10.159 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

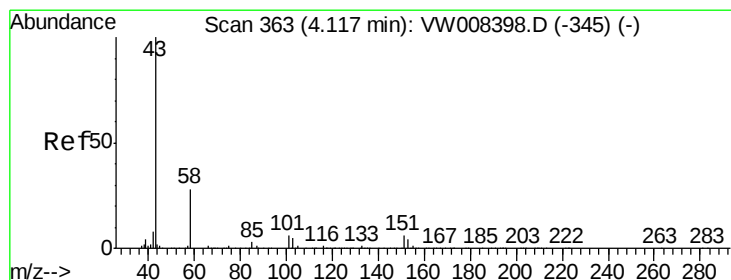
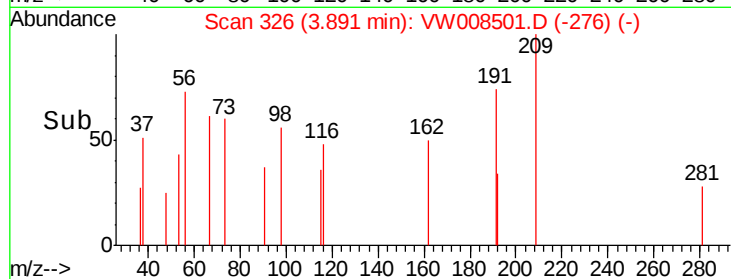
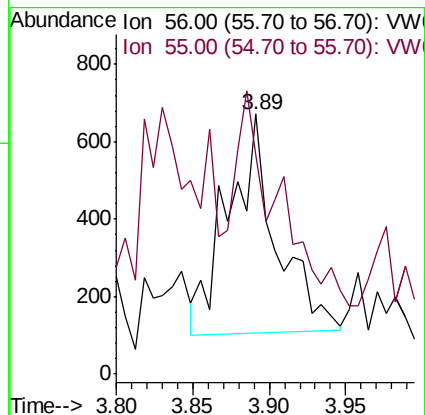
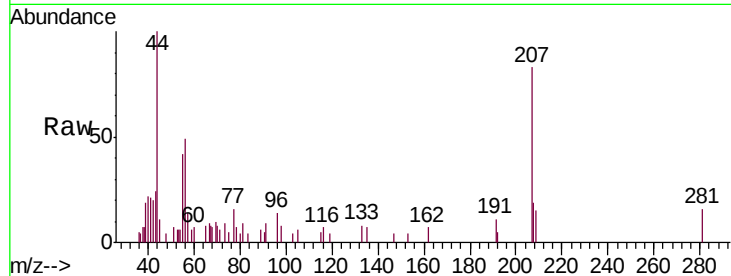
0035-COMP-1

Tgt Ion: 56 Resp: 1230

Ion Ratio Lower Upper

56 100

55 89.4 56.7 85.1#



#16

Acetone

Concen: 82.731 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008501.D

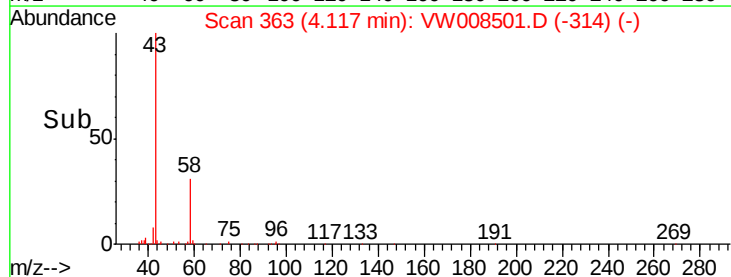
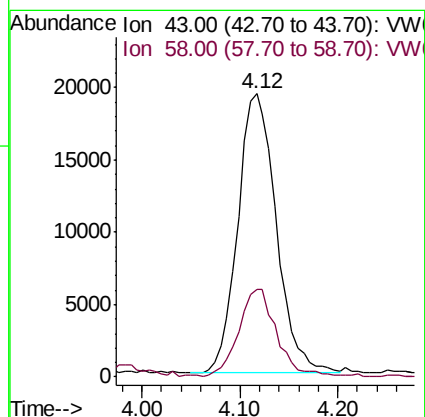
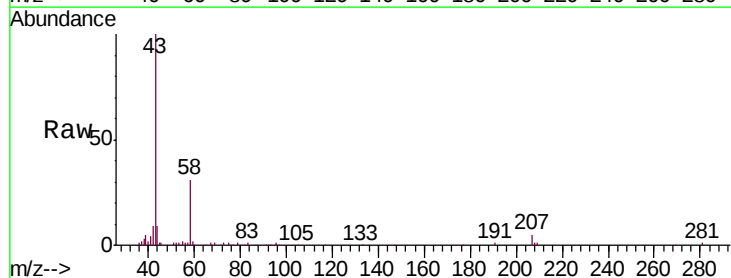
Acq: 04 Feb 2019 15:01

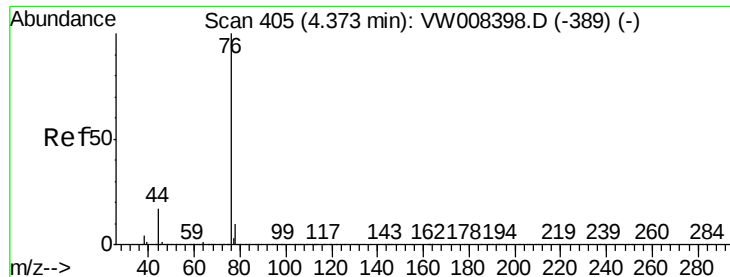
Tgt Ion: 43 Resp: 52952

Ion Ratio Lower Upper

43 100

58 30.8 22.6 34.0

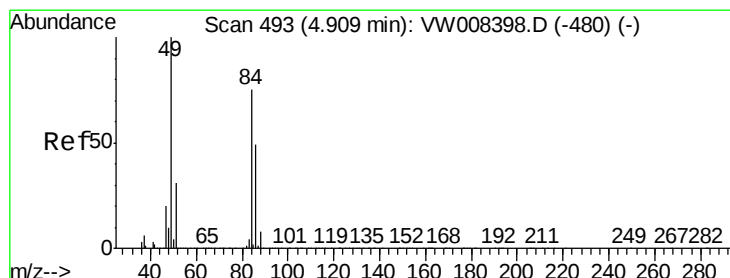
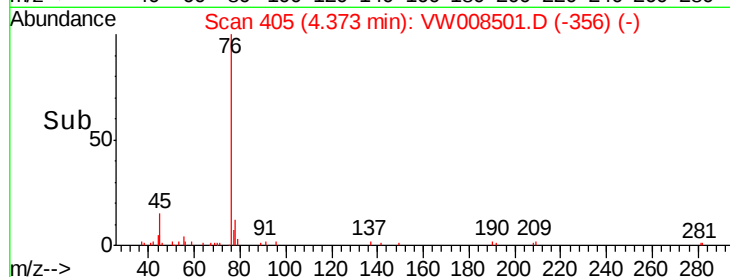
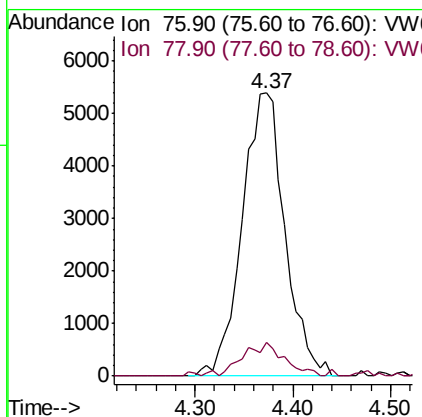
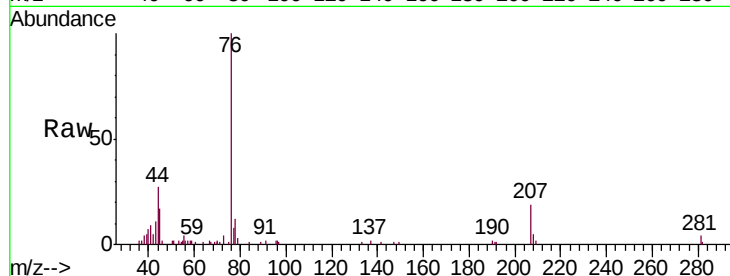




#17
Carbon Disulfide
Concen: 1.926 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

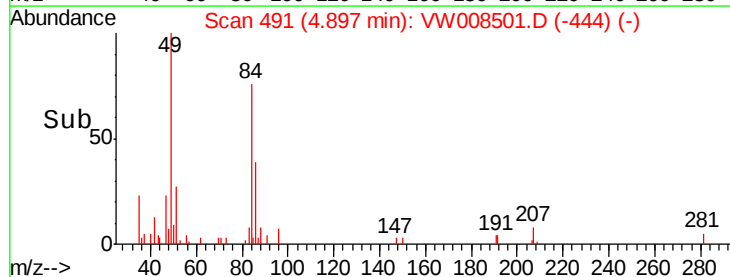
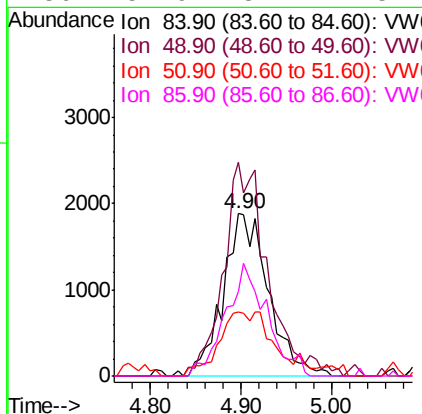
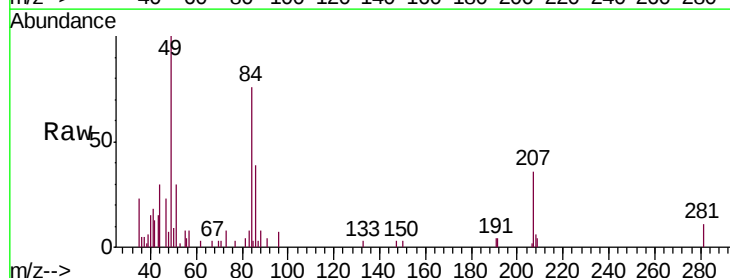
Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

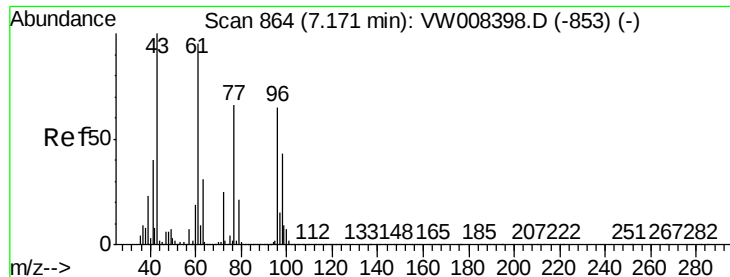
Tgt Ion: 76 Resp: 16332
Ion Ratio Lower Upper
76 100
78 12.2 7.7 11.5#



#20
Methylene Chloride
Concen: 2.221 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Tgt Ion: 84 Resp: 6551
Ion Ratio Lower Upper
84 100
49 126.7 106.8 160.2
51 35.8 32.9 49.3
86 51.9 52.2 78.2#





#25

2-Butanone

Concen: 23.907 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

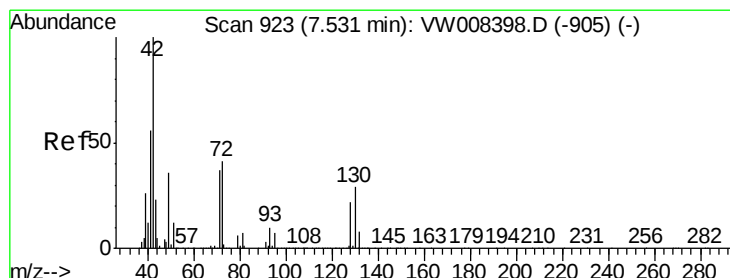
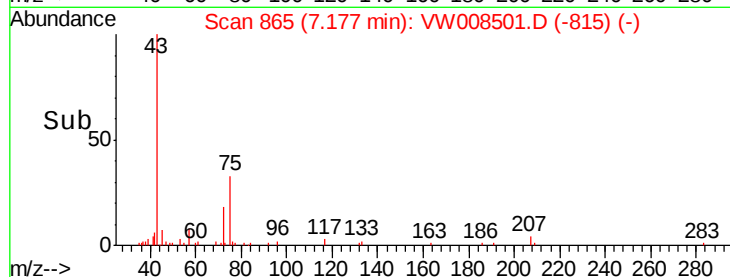
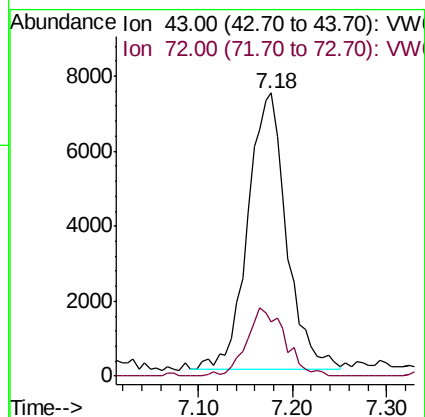
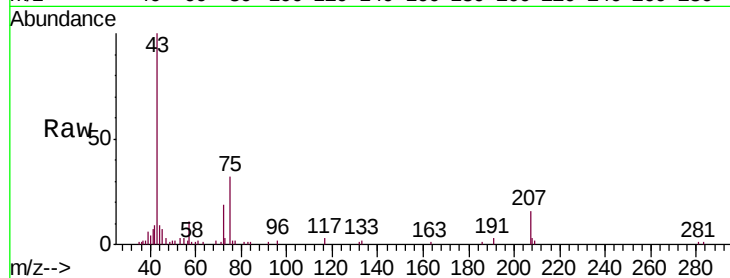
0035-COMP-1

Tgt Ion: 43 Resp: 21254

Ion Ratio Lower Upper

43 100

72 19.7 20.1 30.1#



#29

Tetrahydrofuran

Concen: 2.538 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

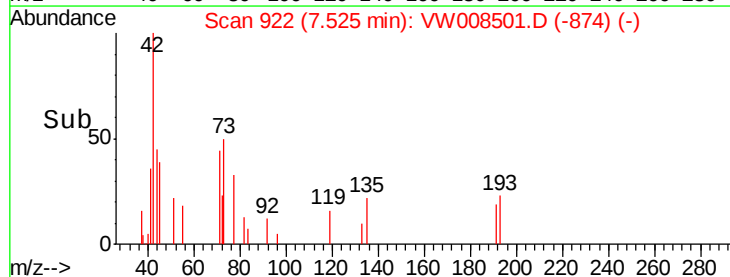
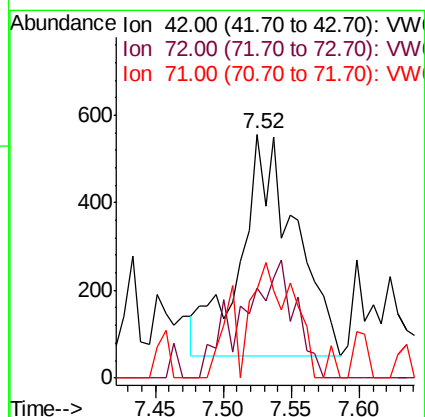
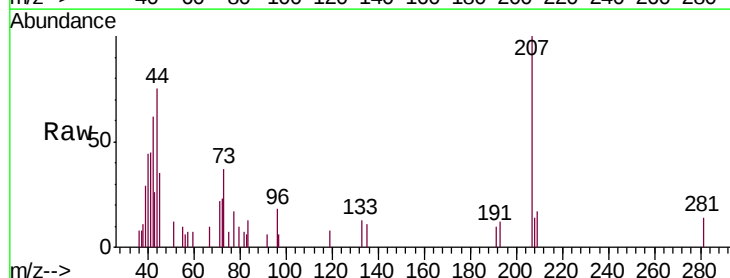
Tgt Ion: 42 Resp: 1430

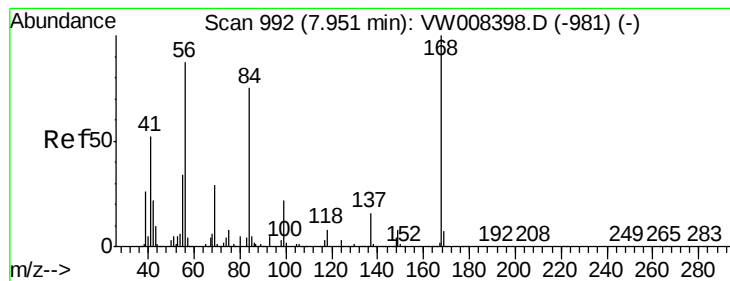
Ion Ratio Lower Upper

42 100

72 41.5 31.9 47.9

71 25.5 29.9 44.9#





#31

Cyclohexane

Concen: 1.540 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

0035-COMP-1

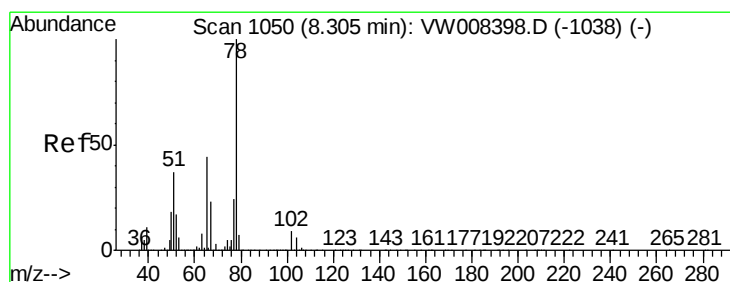
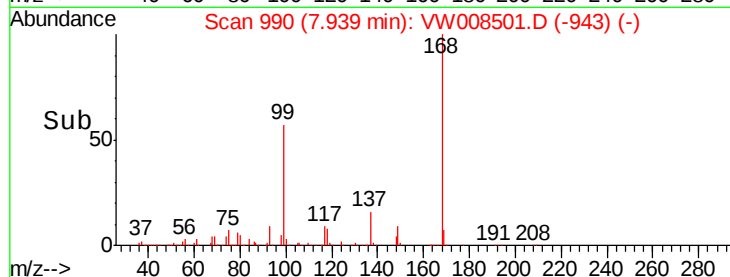
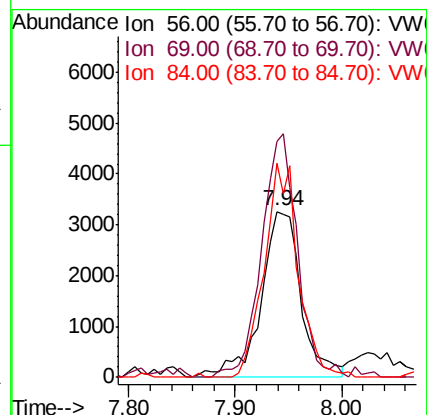
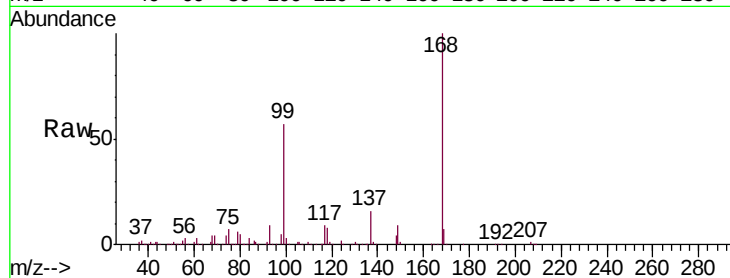
Tgt Ion: 56 Resp: 8615

Ion Ratio Lower Upper

56 100

69 142.3 26.4 39.6#

84 128.7 69.1 103.7#



#33

1,2-Dichloroethane-d4

Concen: 55.800 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008501.D

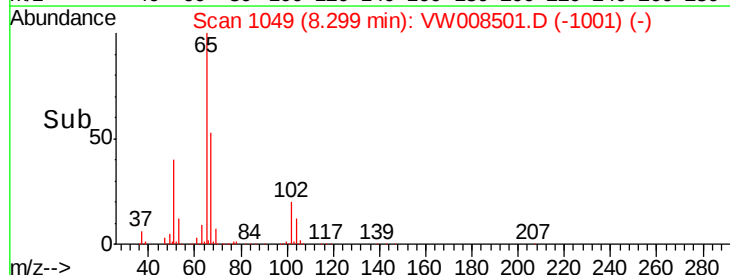
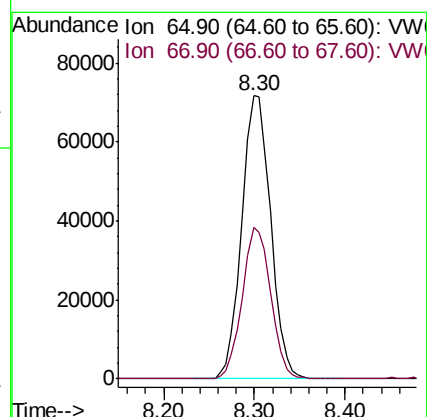
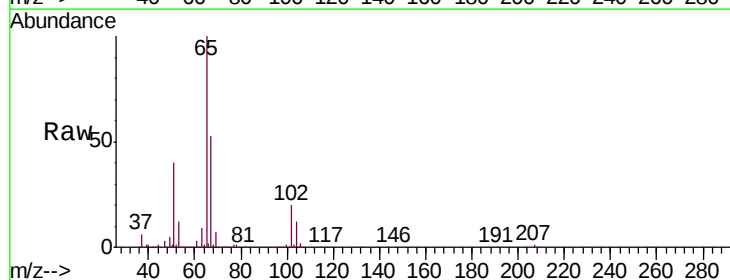
Acq: 04 Feb 2019 15:01

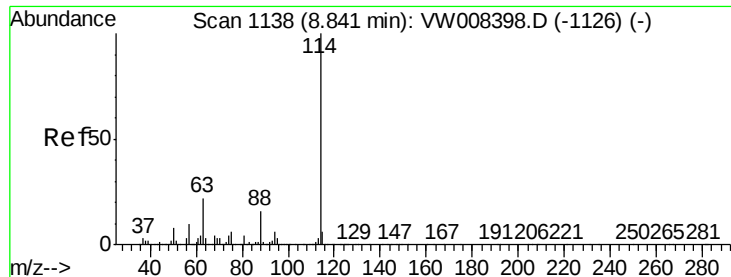
Tgt Ion: 65 Resp: 159040

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.0

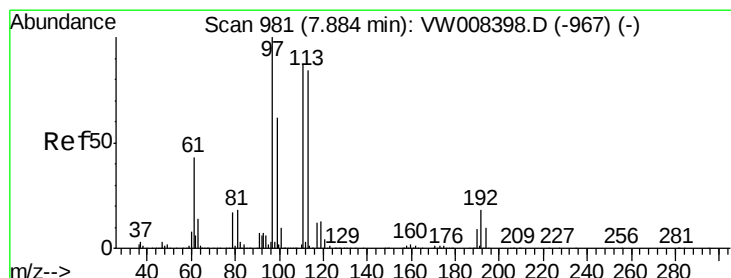
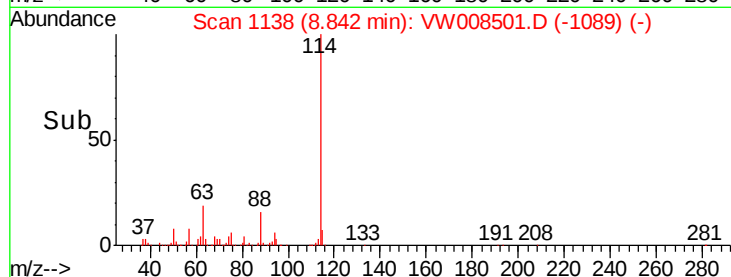
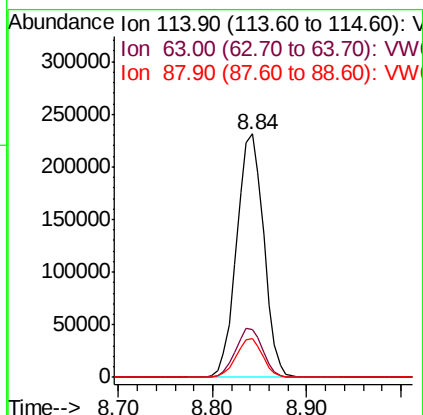
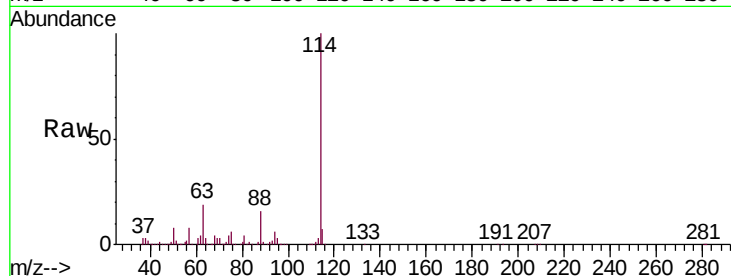




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008501.D
 Acq: 04 Feb 2019 15:01

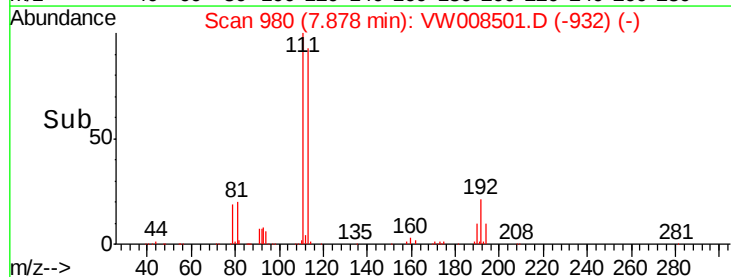
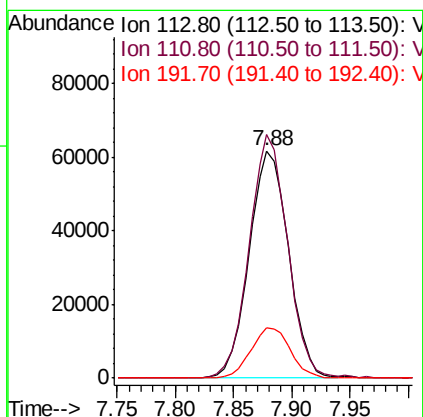
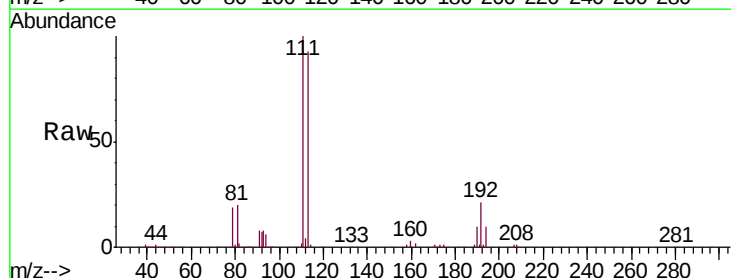
Instrument :
 MSVOA_W
 ClientSampleId :
 0035-COMP-1

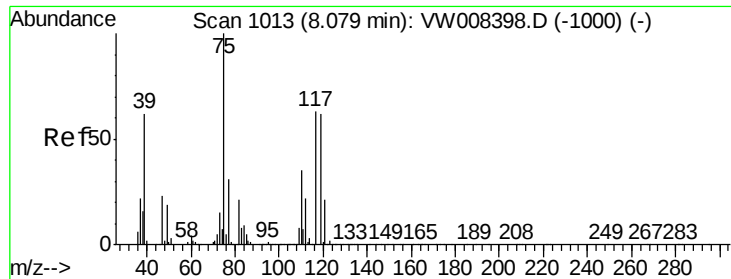
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.6
88	16.0	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 53.782 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008501.D
 Acq: 04 Feb 2019 15:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.0	121.4
192	22.5	16.8	25.2

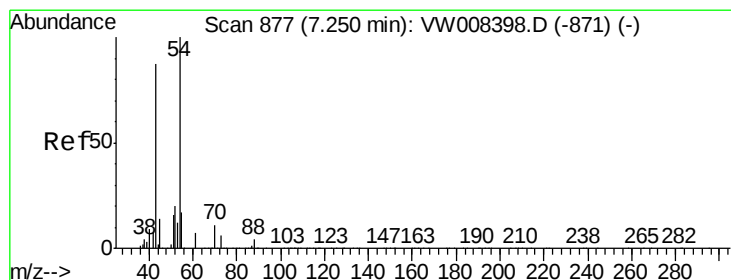
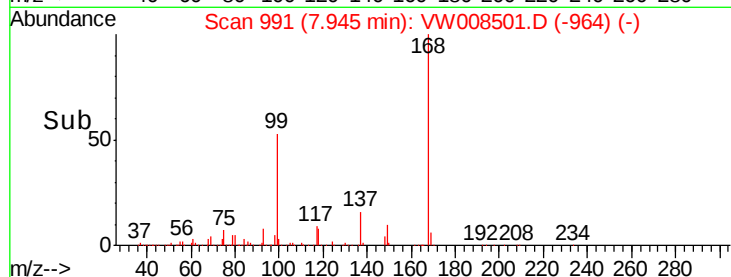
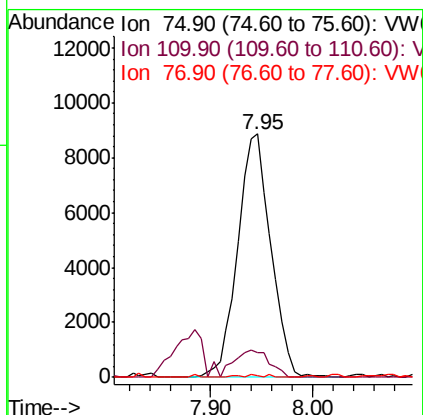
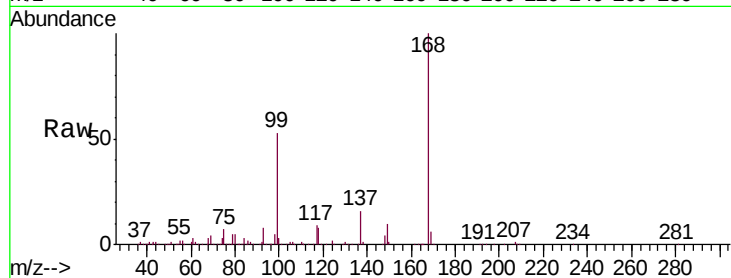




#36
 1,1-Dichloropropene
 Concen: 4.560 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008501.D
 Acq: 04 Feb 2019 15:01

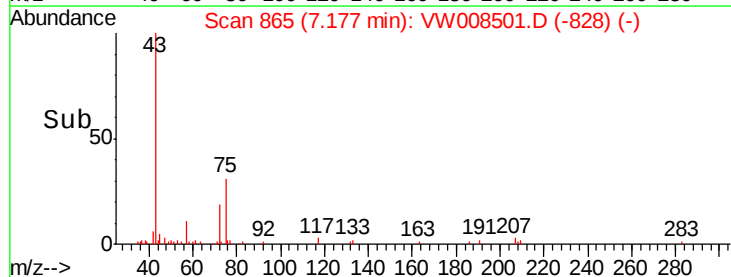
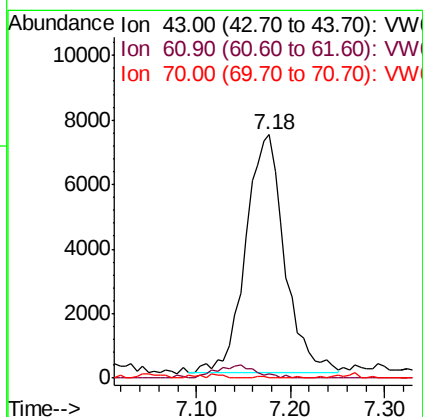
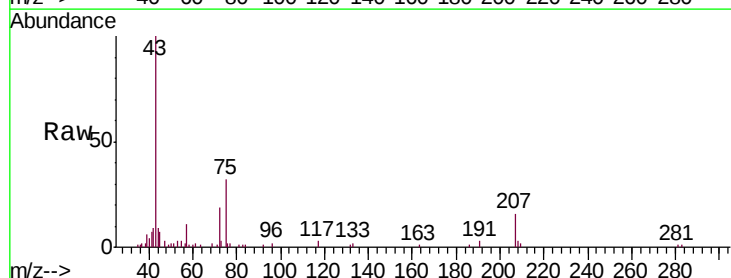
Instrument :
 MSVOA_W
 ClientSampleId :
 0035-COMP-1

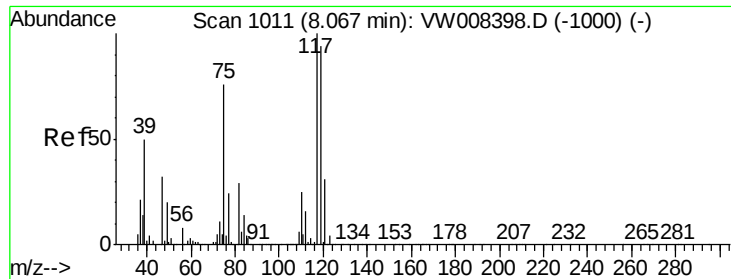
Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.9	17.3	52.0#
77	0.3	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 10.972 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW008501.D
 Acq: 04 Feb 2019 15:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.1	15.1#
70	0.2	7.8	11.6#





#38

Carbon Tetrachloride

Concen: 6.187 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

0035-COMP-1

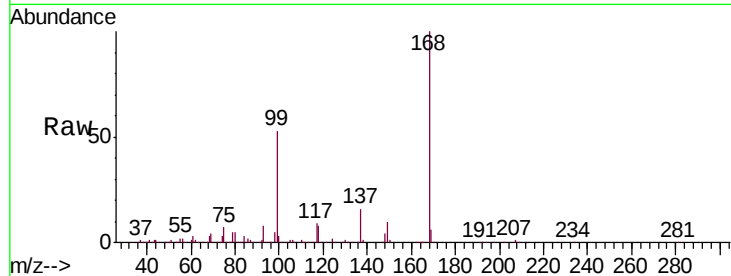
Tgt Ion: 117 Resp: 27261

Ion Ratio Lower Upper

117 100

119 5.3 75.0 112.4#

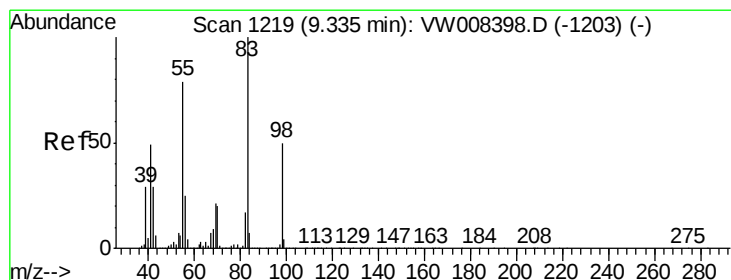
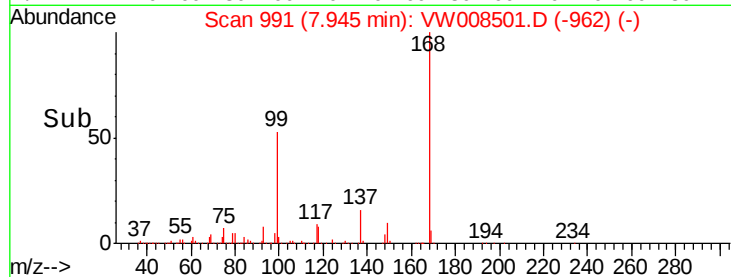
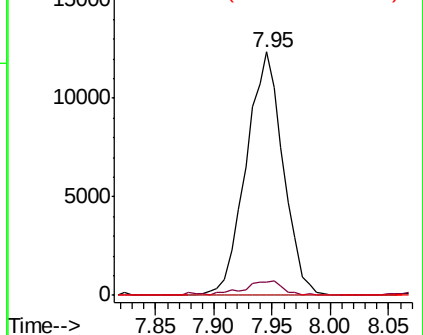
121 0.4 24.9 37.3#



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: 2.940 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

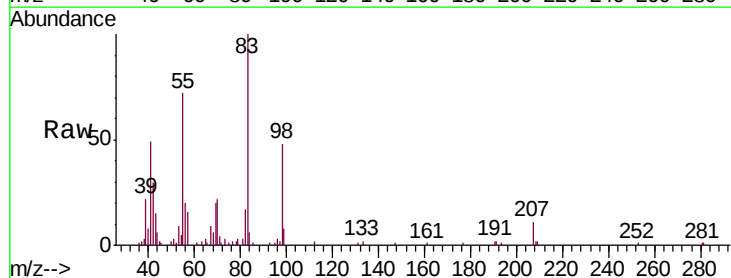
Tgt Ion: 83 Resp: 16913

Ion Ratio Lower Upper

83 100

55 69.7 63.3 94.9

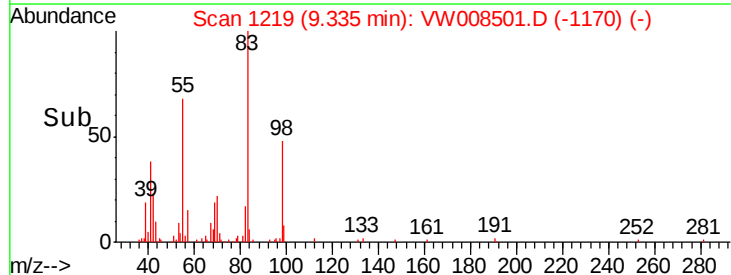
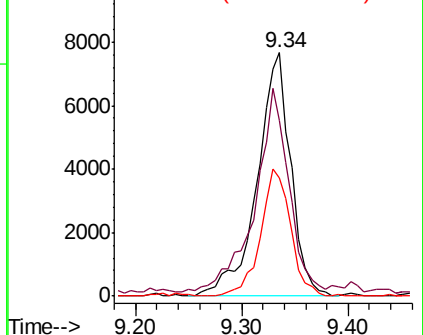
98 47.5 39.7 59.5

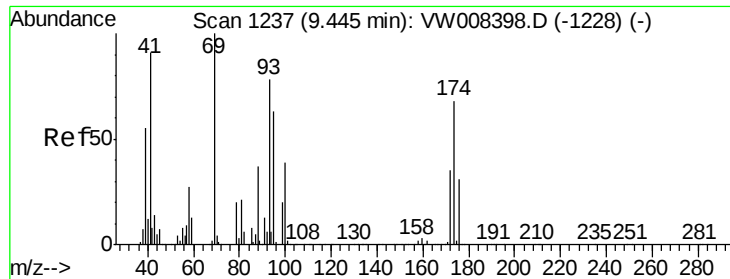


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

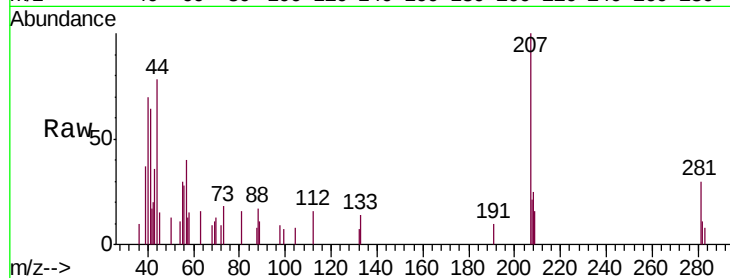




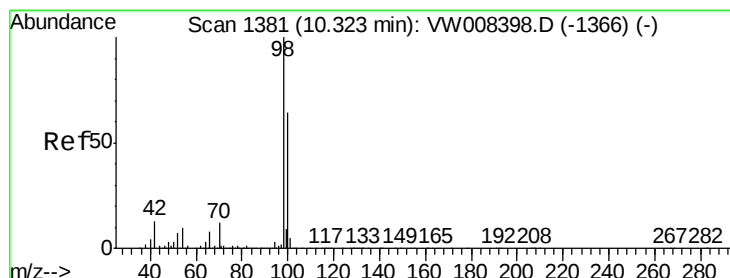
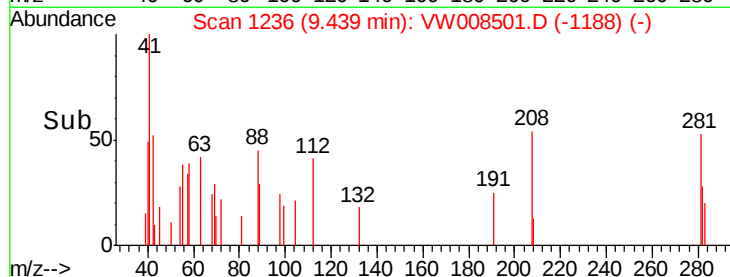
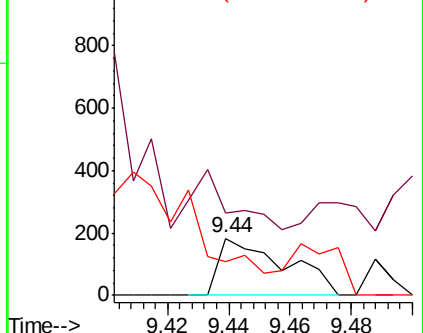
#49
1,4-Dioxane
Concen: 10.404 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

Tgt Ion: 88 Resp: 274
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 0.0 56.4 84.6#

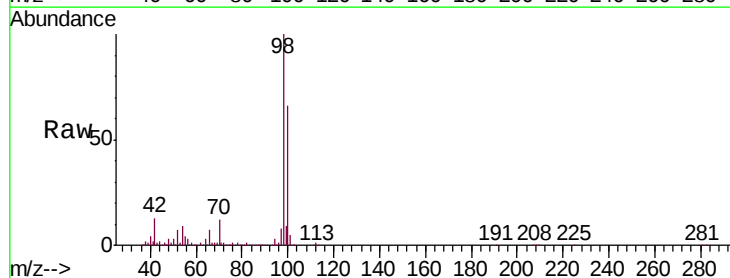


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

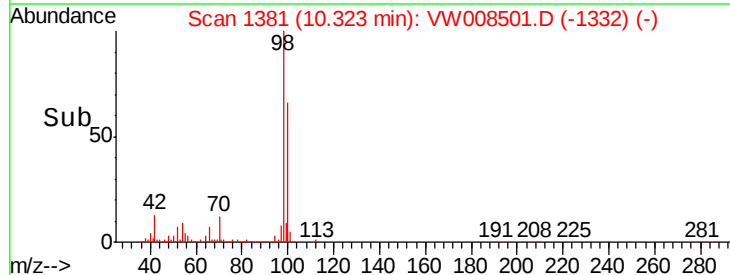
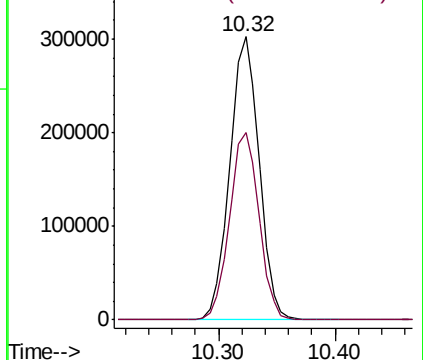


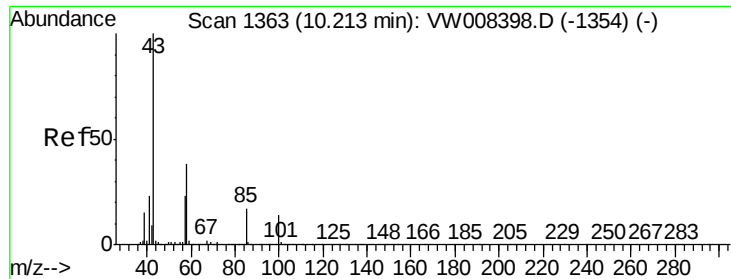
#50
Toluene-d8
Concen: 48.877 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Tgt Ion: 98 Resp: 531222
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



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

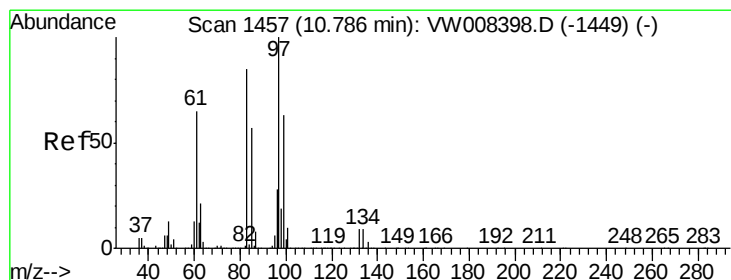
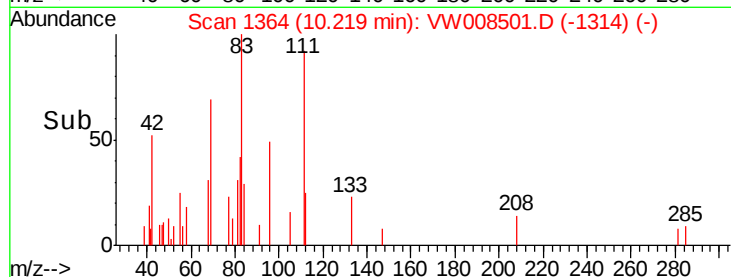
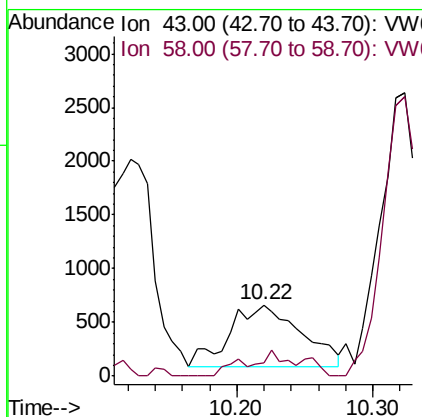
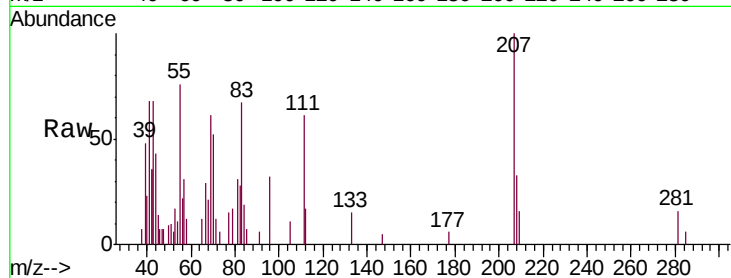




#51
 4-Methyl-2-Pentanone
 Concen: 1.069 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VW008501.D
 Acq: 04 Feb 2019 15:01

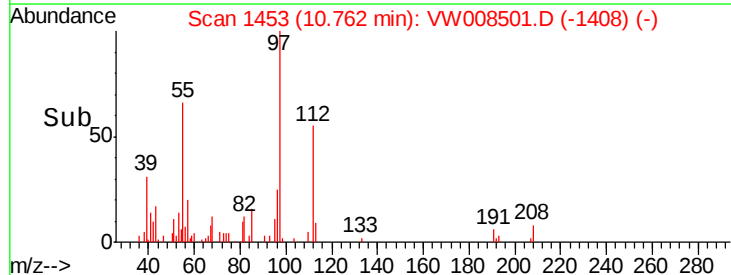
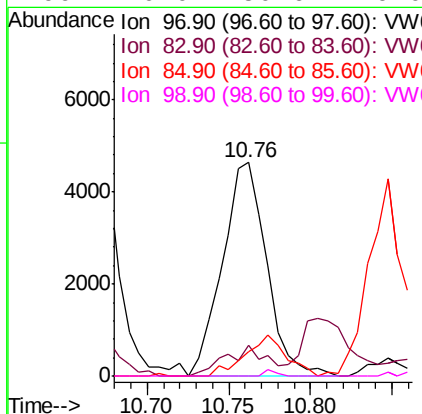
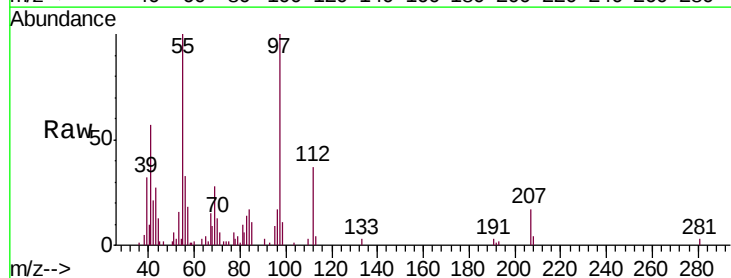
Instrument :
 MSVOA_W
 ClientSampleId :
 0035-COMP-1

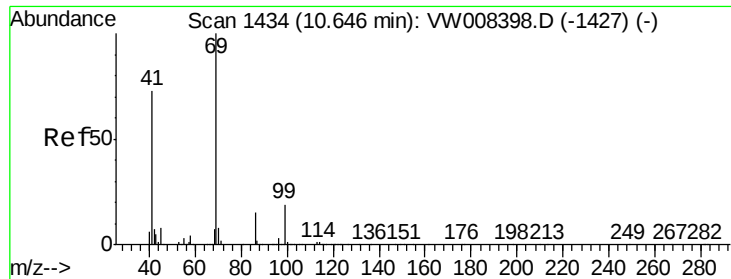
Tgt Ion: 43 Resp: 2126
 Ion Ratio Lower Upper
 43 100
 58 14.5 29.7 44.5#



#55
 1,1,2-Trichloroethane
 Concen: 4.039 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW008501.D
 Acq: 04 Feb 2019 15:01

Tgt Ion: 97 Resp: 8730
 Ion Ratio Lower Upper
 97 100
 83 14.3 68.4 102.6#
 85 11.2 45.3 67.9#
 99 0.0 50.6 76.0#





#56

Ethyl methacrylate

Concen: 1.213 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

0035-COMP-1

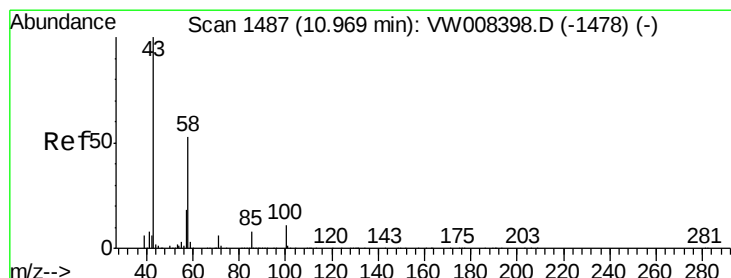
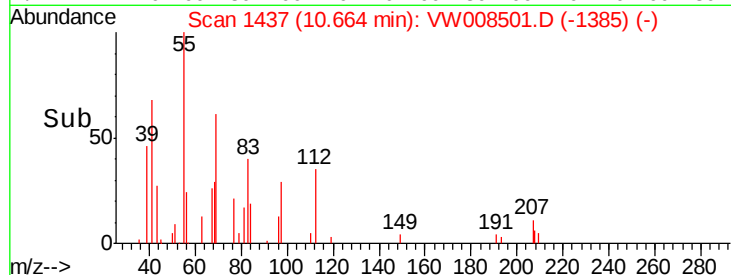
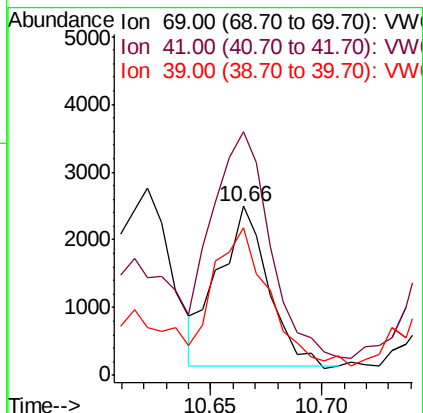
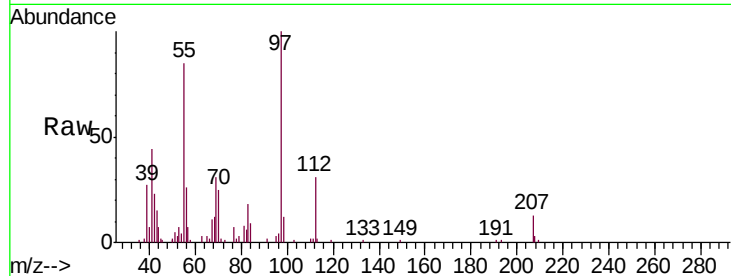
Tgt Ion: 69 Resp: 3673

Ion Ratio Lower Upper

69 100

41 162.5 58.7 88.1#

39 95.0 32.6 48.8#



#59

2-Hexanone

Concen: 19.717 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW008501.D

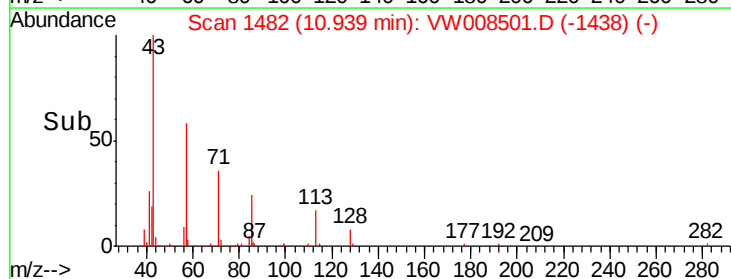
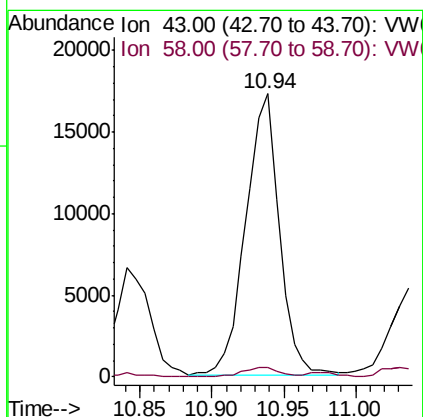
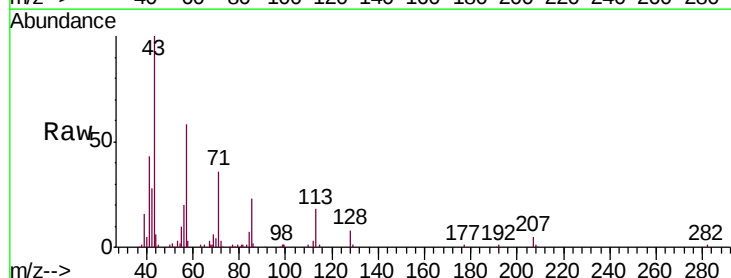
Acq: 04 Feb 2019 15:01

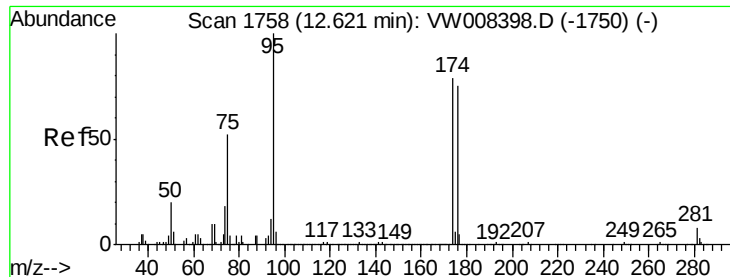
Tgt Ion: 43 Resp: 27675

Ion Ratio Lower Upper

43 100

58 3.8 25.9 77.7#





#62

4-Bromofluorobenzene

Concen: 43.018 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

0035-COMP-1

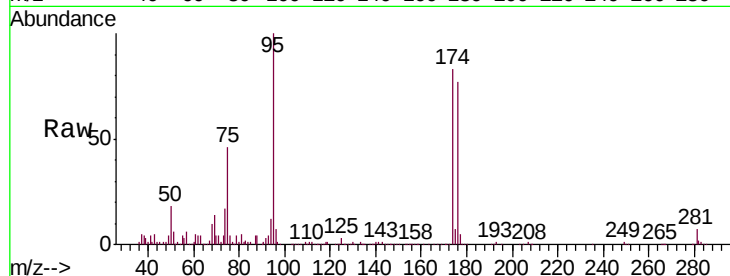
Tgt Ion: 95 Resp: 179717

Ion Ratio Lower Upper

95 100

174 83.3 0.0 157.6

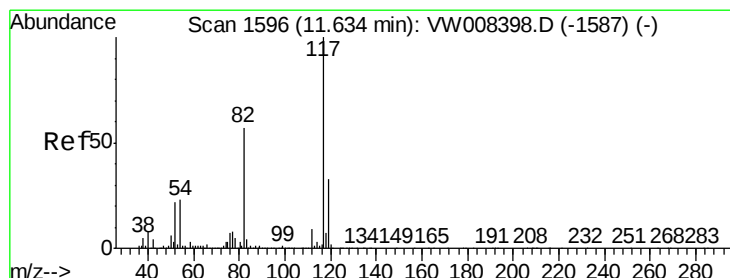
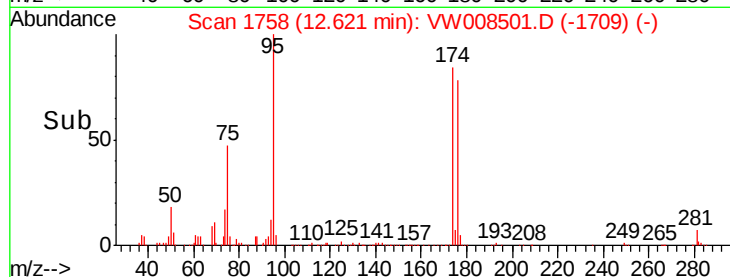
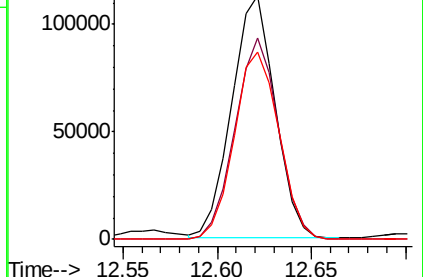
176 79.8 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

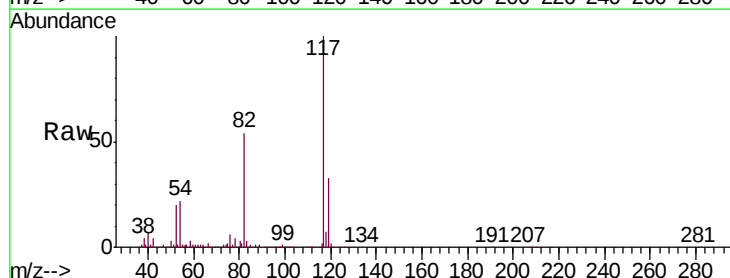
Tgt Ion: 117 Resp: 388489

Ion Ratio Lower Upper

117 100

82 53.4 45.4 68.0

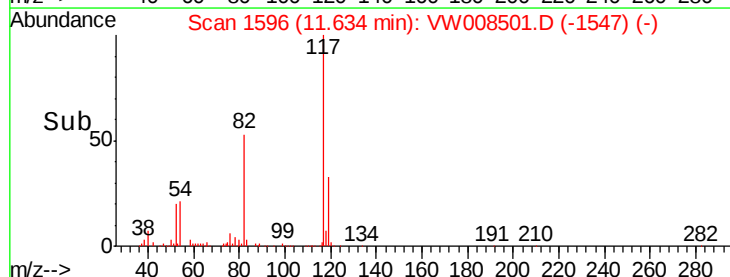
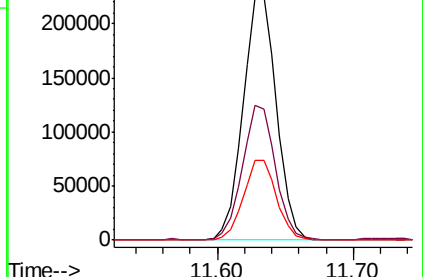
119 33.0 26.2 39.4

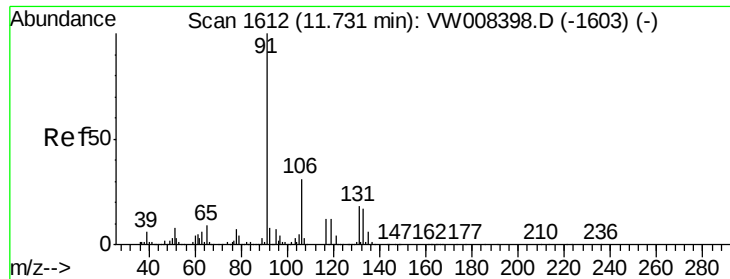


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

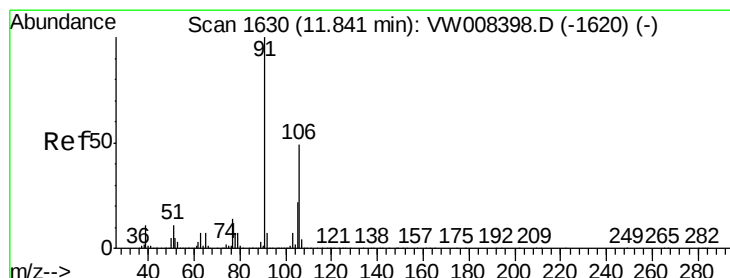
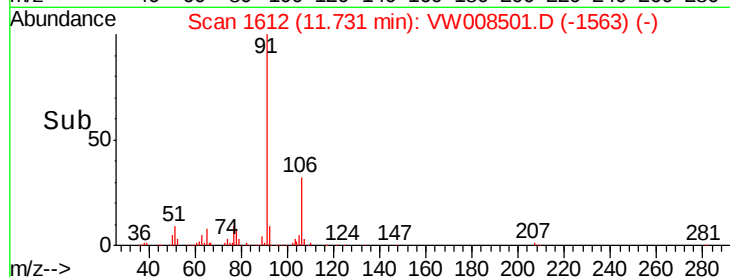
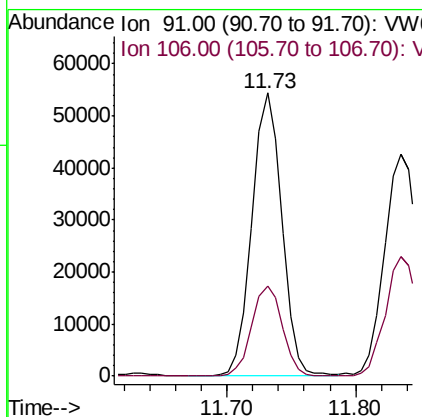
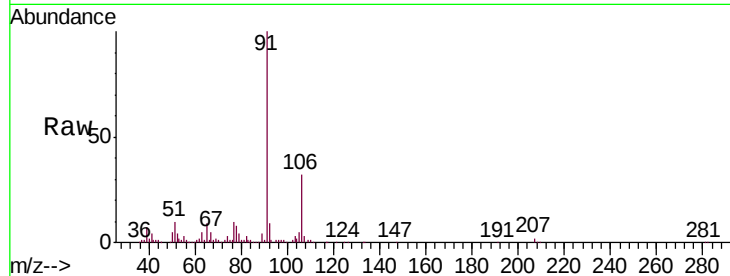




#67
Ethyl Benzene
Concen: 5.972 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

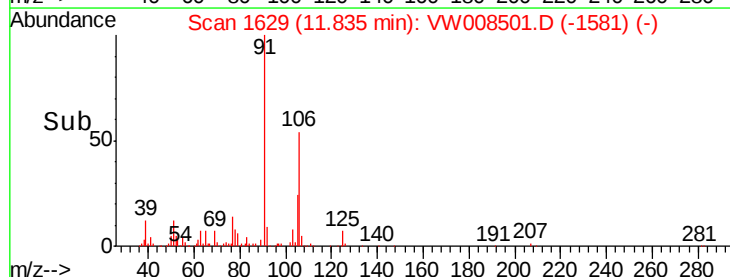
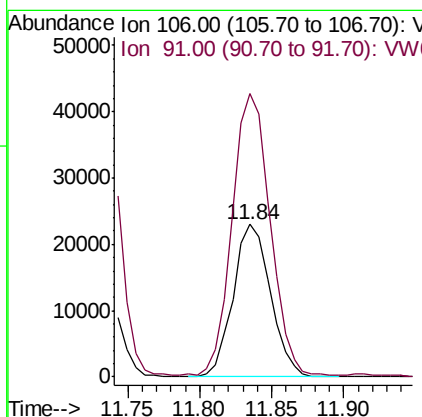
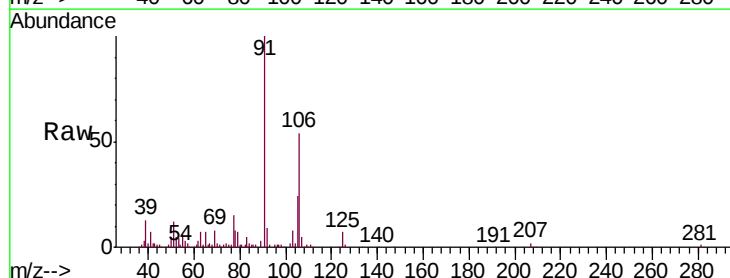
Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

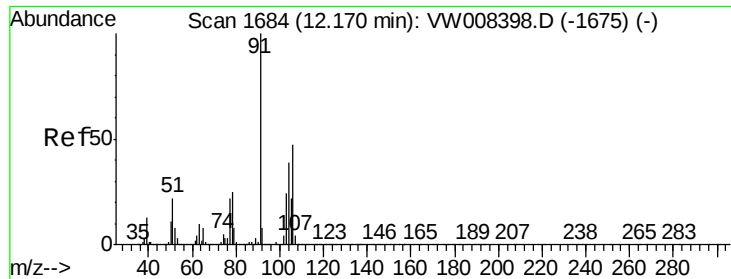
Tgt Ion: 91 Resp: 87060
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1



#68
m/p-Xylenes
Concen: 7.358 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Tgt Ion: 106 Resp: 41614
Ion Ratio Lower Upper
106 100
91 188.1 162.9 244.3

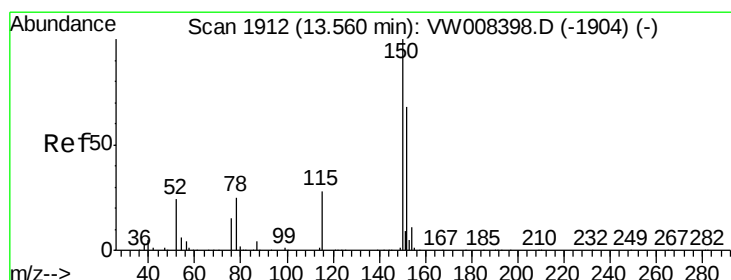
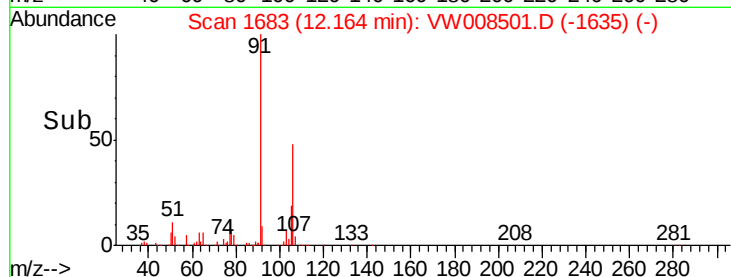
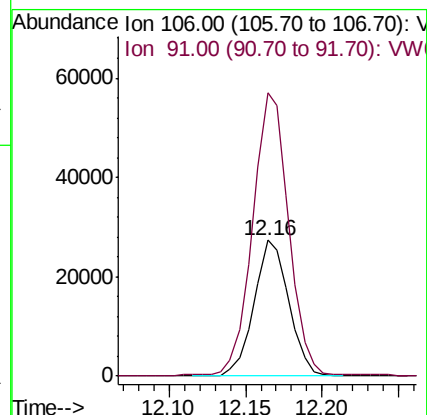
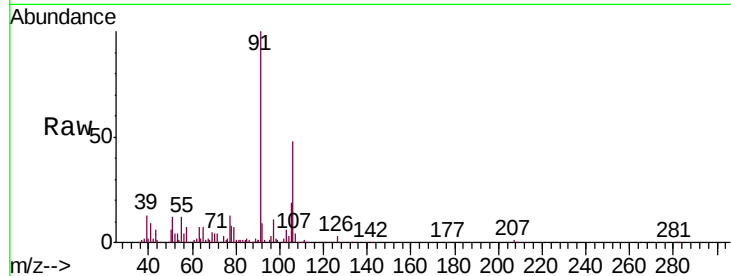




#69
o-Xylene
Concen: 8.049 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

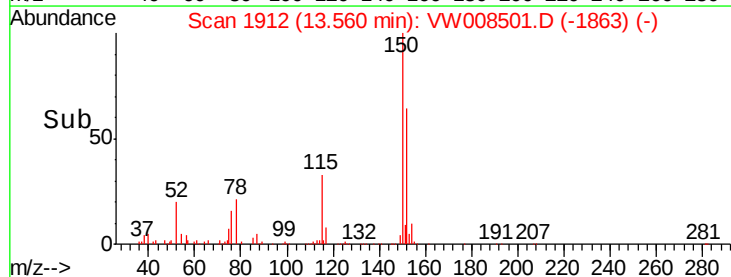
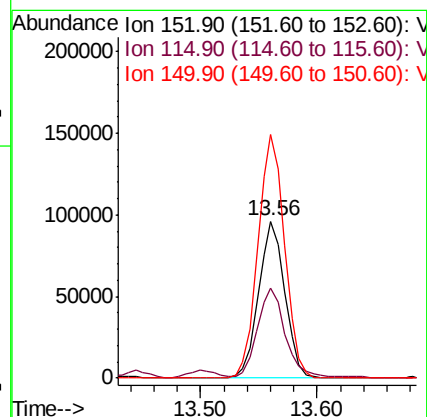
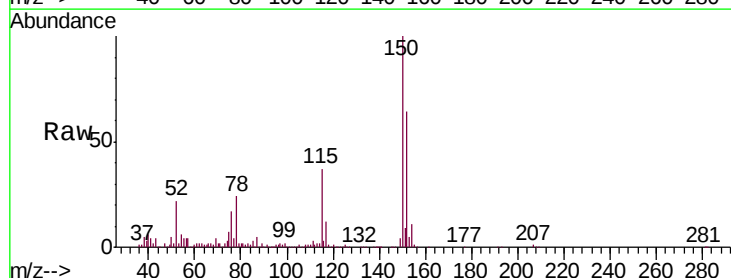
Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

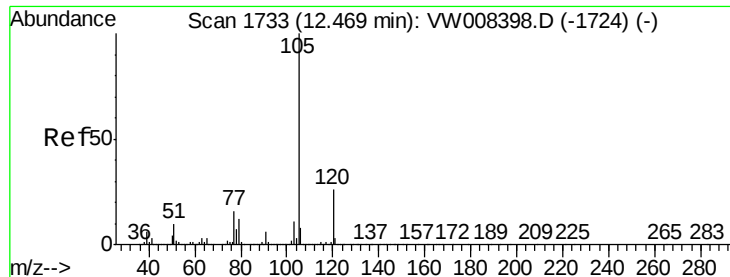
Tgt Ion:106 Resp: 43258
Ion Ratio Lower Upper
106 100
91 214.4 107.5 322.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Tgt Ion:152 Resp: 152310
Ion Ratio Lower Upper
152 100
115 58.7 29.9 89.7
150 156.1 0.0 351.4





#73

Isopropylbenzene

Concen: 6.867 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

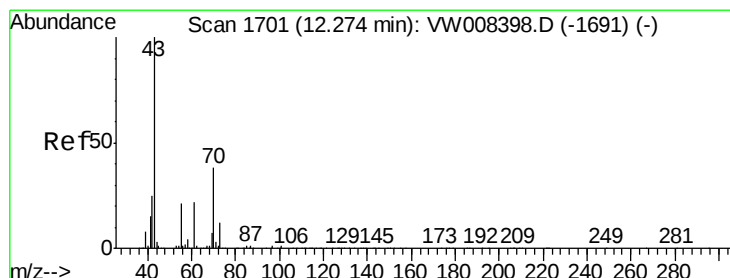
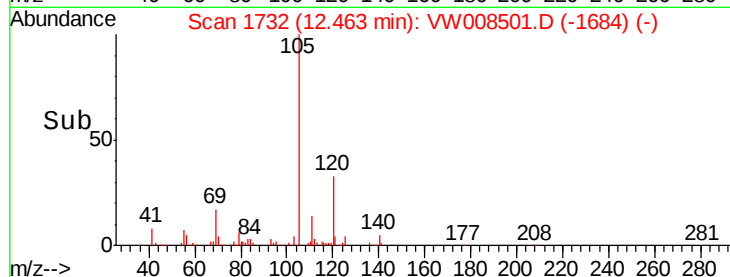
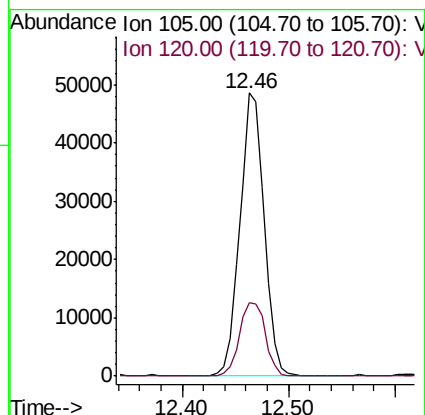
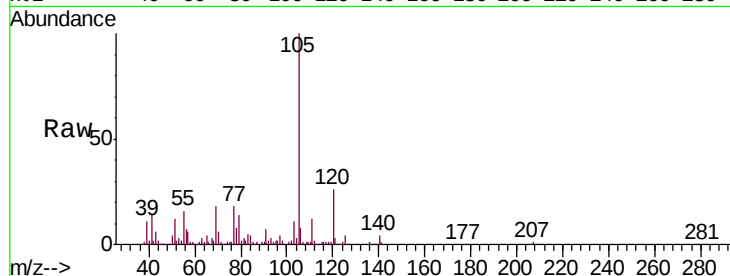
0035-COMP-1

Tgt Ion: 105 Resp: 77975

Ion Ratio Lower Upper

105 100

120 27.8 13.3 39.8



#74

N-ethyl acetate

Concen: 12.073 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Tgt Ion: 43 Resp: 35317

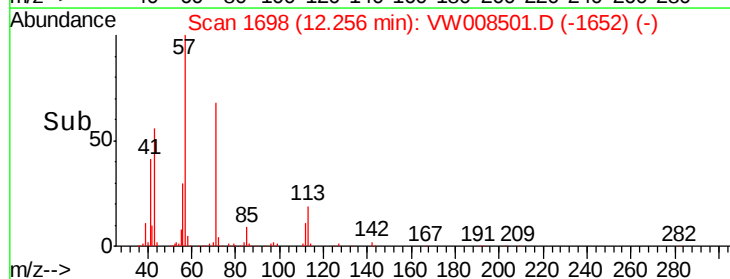
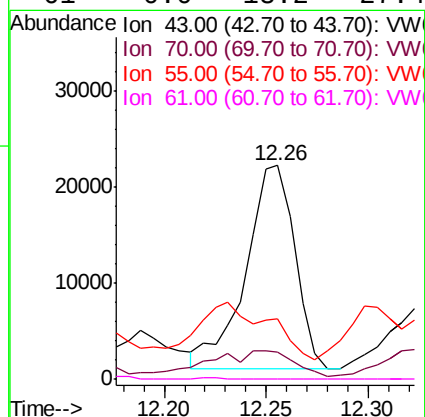
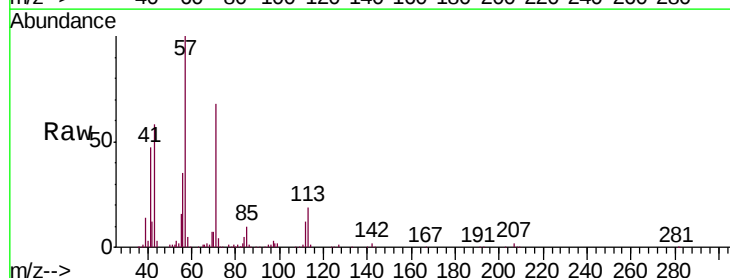
Ion Ratio Lower Upper

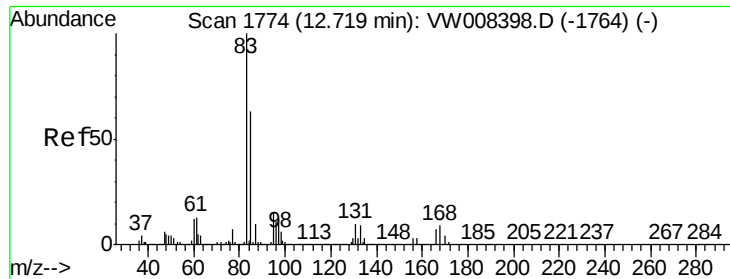
43 100

70 20.6 31.0 46.6#

55 0.0 17.4 26.2#

61 0.0 18.2 27.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.634 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.10 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

0035-COMP-1

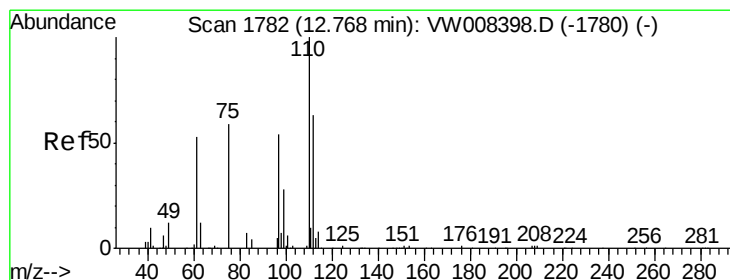
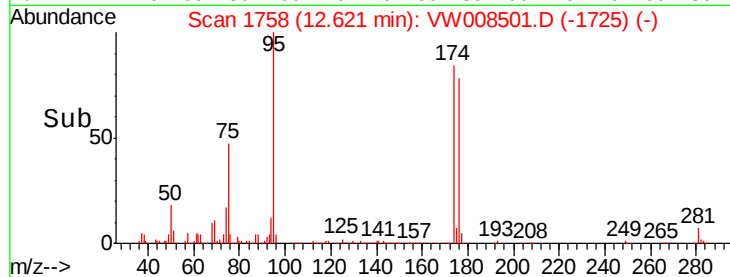
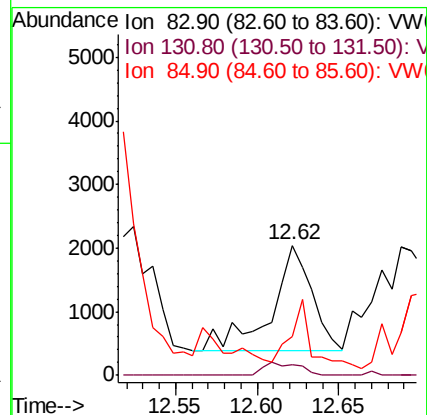
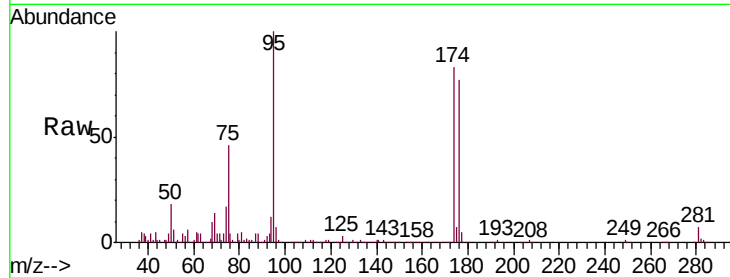
Tgt Ion: 83 Resp: 2937

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

85 32.3 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 2.555 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. 0.10 min

Lab File: VW008501.D

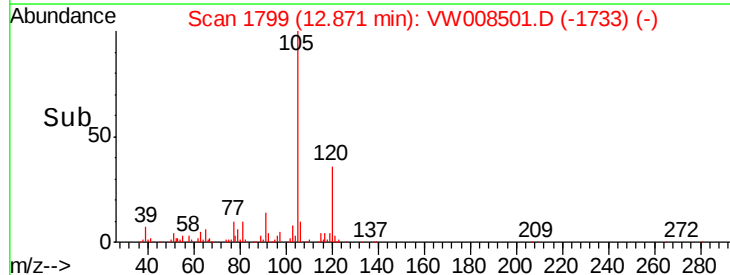
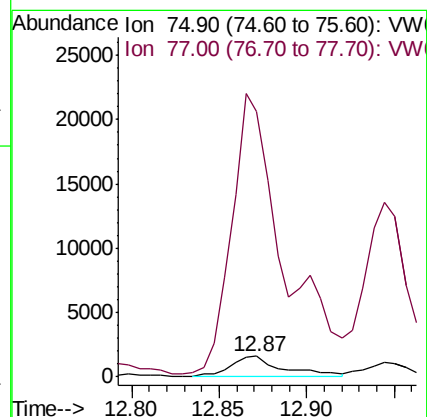
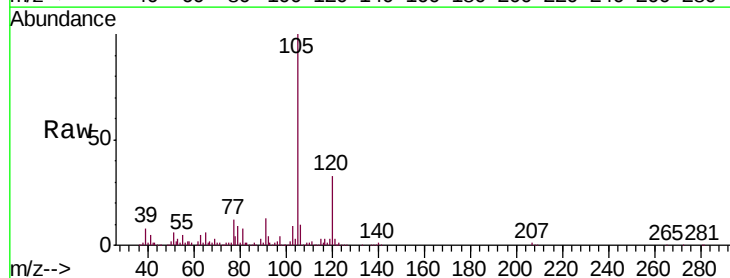
Acq: 04 Feb 2019 15:01

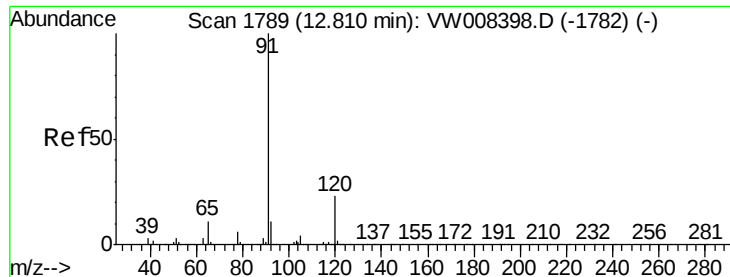
Tgt Ion: 75 Resp: 3384

Ion Ratio Lower Upper

75 100

77 1328.6 180.7 542.1#





#78

n-propylbenzene

Concen: 1.016 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

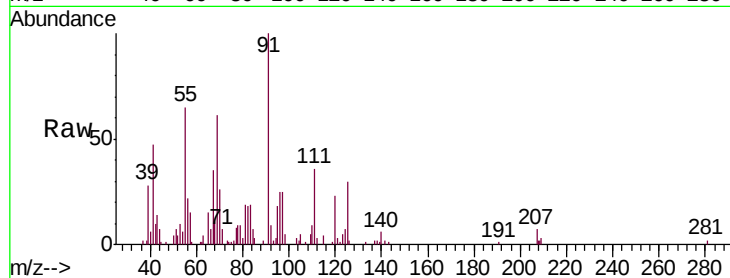
0035-COMP-1

Tgt Ion: 91 Resp: 13851

Ion Ratio Lower Upper

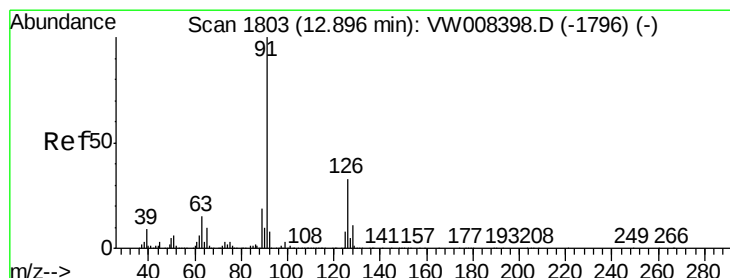
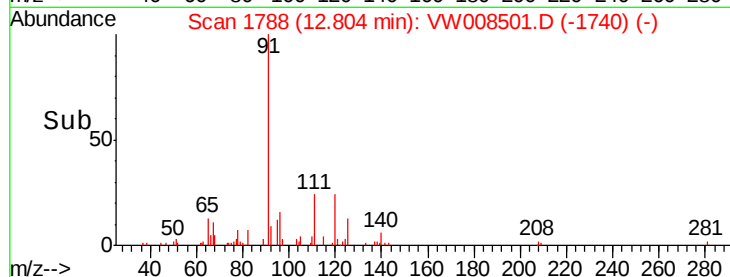
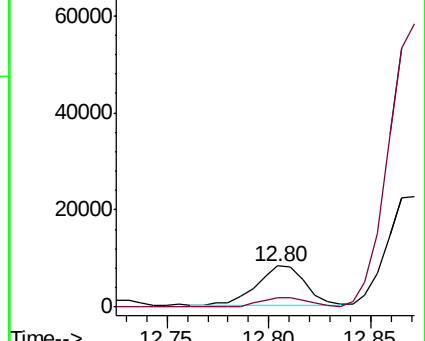
91 100

120 24.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 5.652 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW008501.D

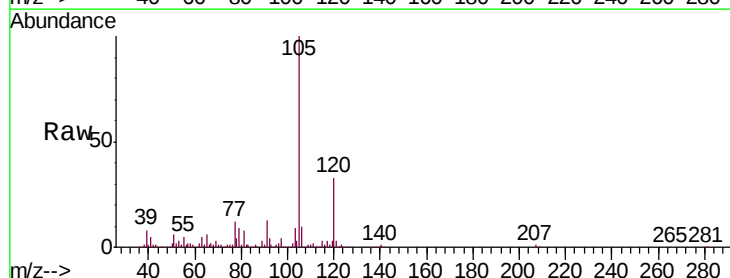
Acq: 04 Feb 2019 15:01

Tgt Ion: 91 Resp: 43497

Ion Ratio Lower Upper

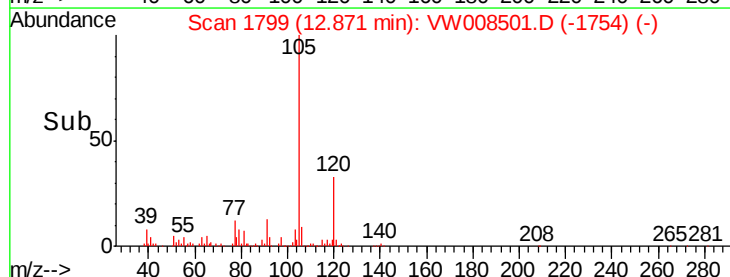
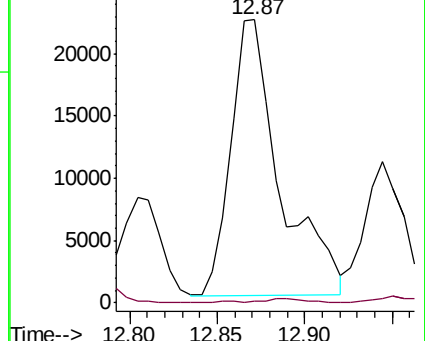
91 100

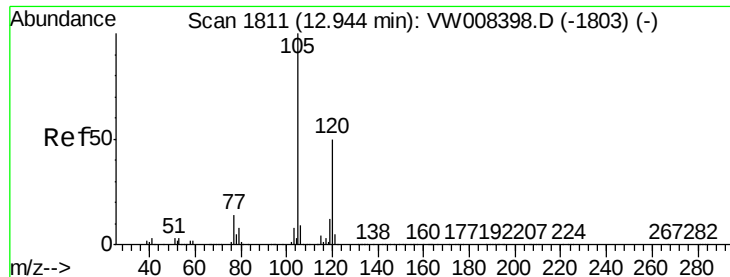
126 1.2 16.5 49.5#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

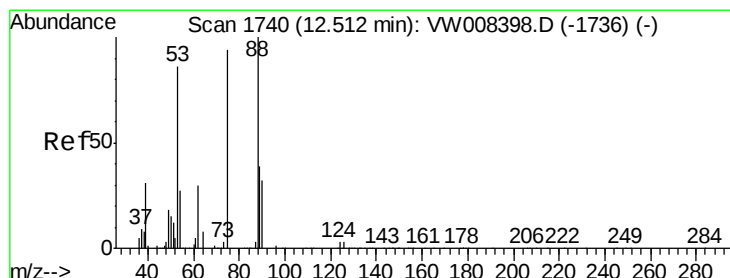
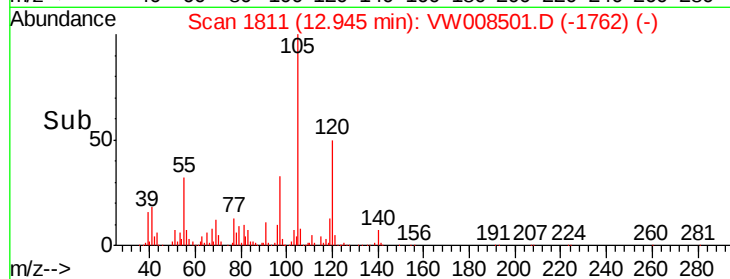
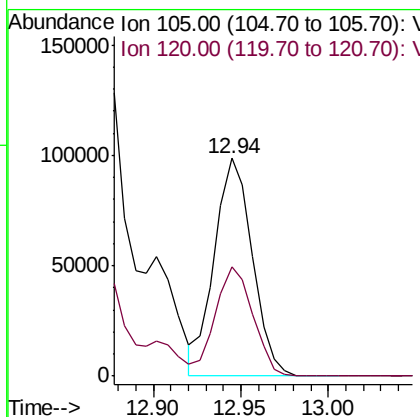
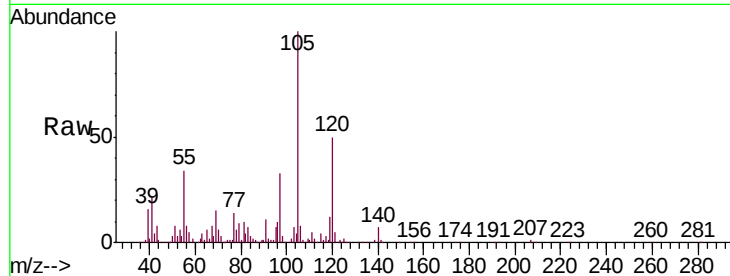




#80
 1,3,5-Trimethylbenzene
 Concen: 15.712 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008501.D
 Acq: 04 Feb 2019 15:01

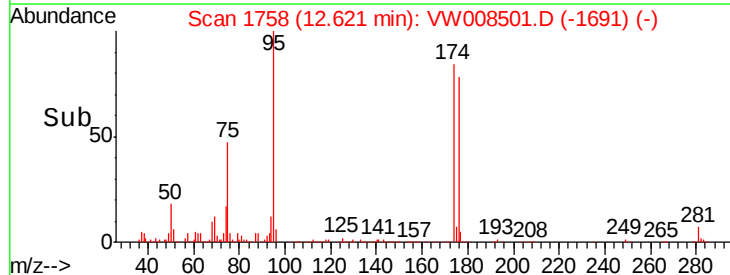
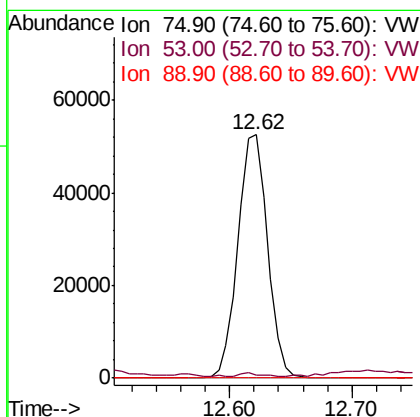
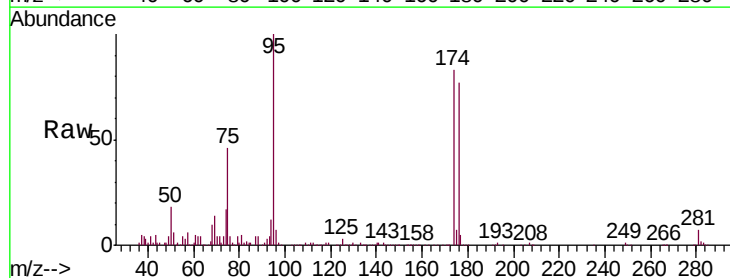
Instrument :
 MSVOA_W
 ClientSampleId :
 0035-COMP-1

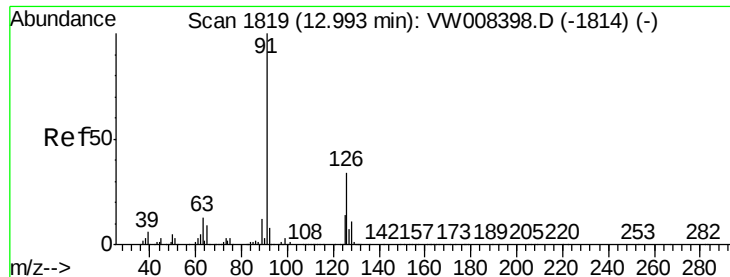
Tgt Ion: 105 Resp: 149119
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.873 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW008501.D
 Acq: 04 Feb 2019 15:01

Tgt Ion: 75 Resp: 88417
 Ion Ratio Lower Upper
 75 100
 53 1.1 76.0 114.0#
 89 0.1 35.4 53.0#





#82

4-Chlorotoluene

Concen: 1.958 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

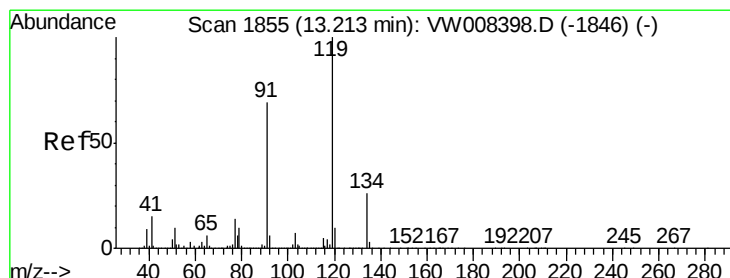
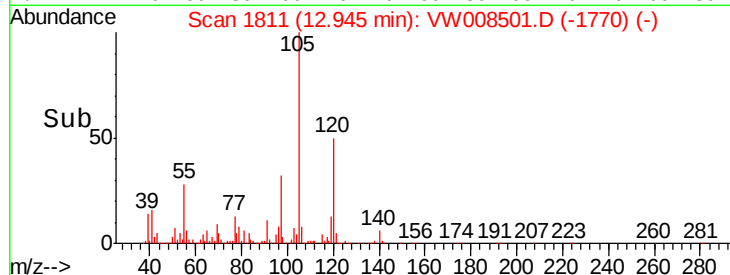
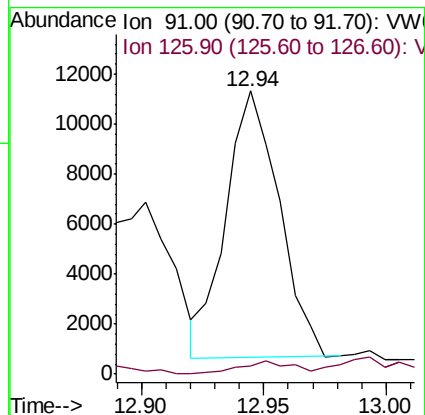
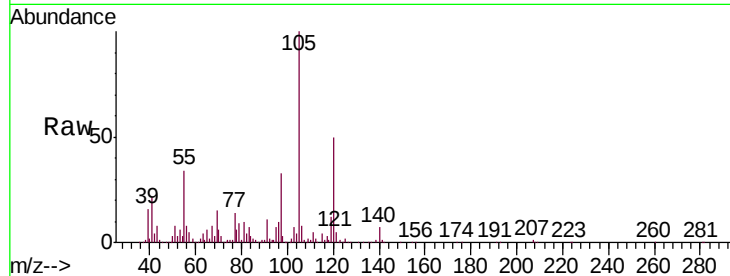
0035-COMP-1

Tgt Ion: 91 Resp: 16042

Ion Ratio Lower Upper

91 100

126 4.9 16.4 49.2#



#83

tert-Butylbenzene

Concen: 9.501 ug/l

RT: 13.44 min Scan# 1893

Delta R.T. 0.23 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

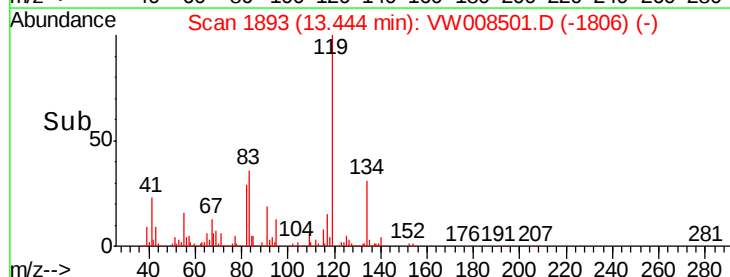
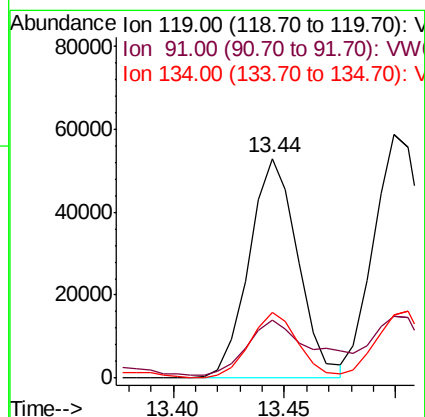
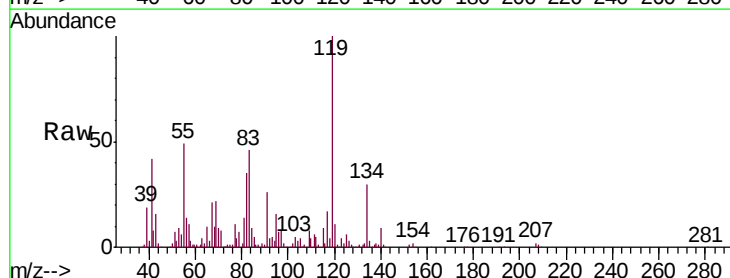
Tgt Ion: 119 Resp: 80240

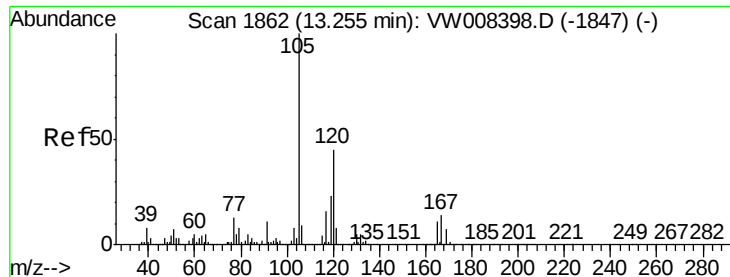
Ion Ratio Lower Upper

119 100

91 34.9 33.8 101.4

134 29.6 13.5 40.4

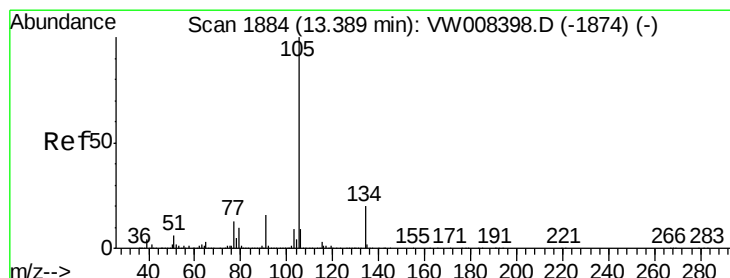
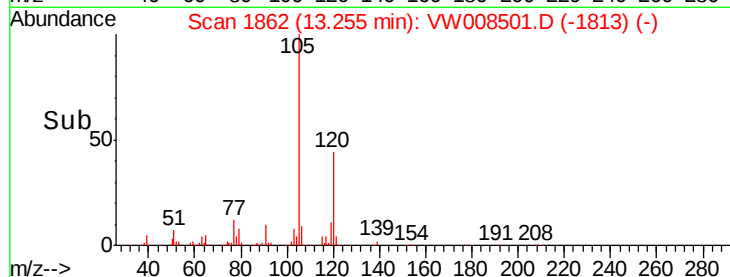
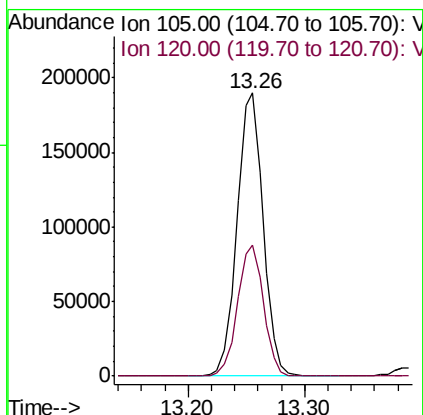
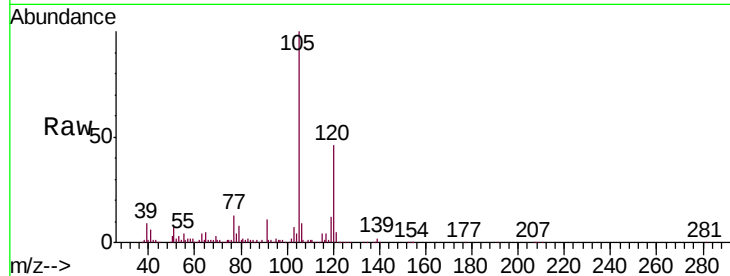




#84
1,2,4-Trimethylbenzene
Concen: 30.574 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

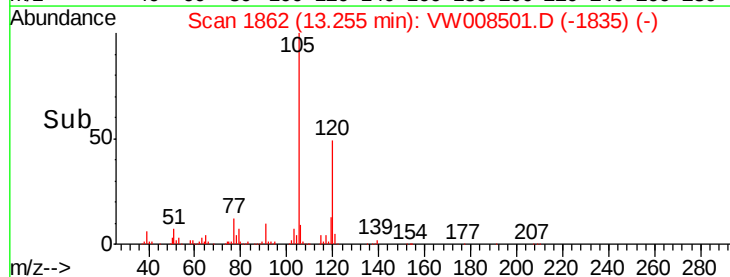
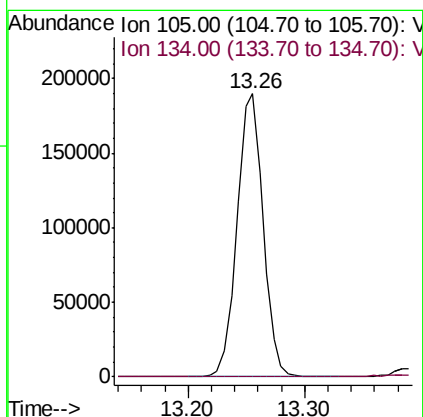
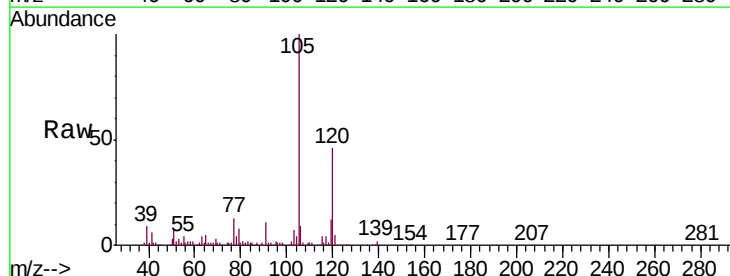
Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

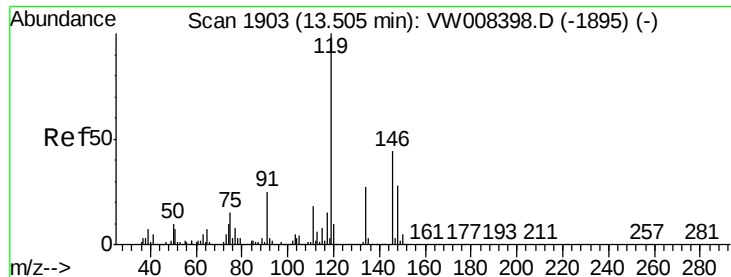
Tgt Ion:105 Resp: 294935
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2



#85
sec-Butylbenzene
Concen: 24.452 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.13 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Tgt Ion:105 Resp: 294935
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.6#

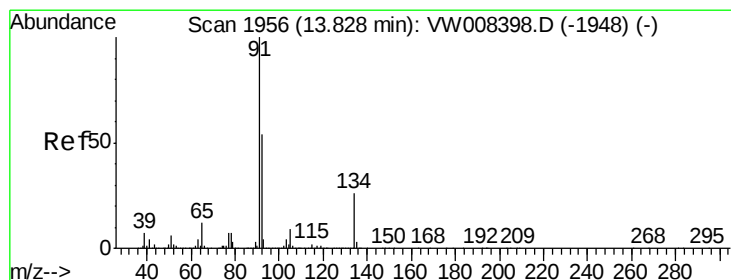
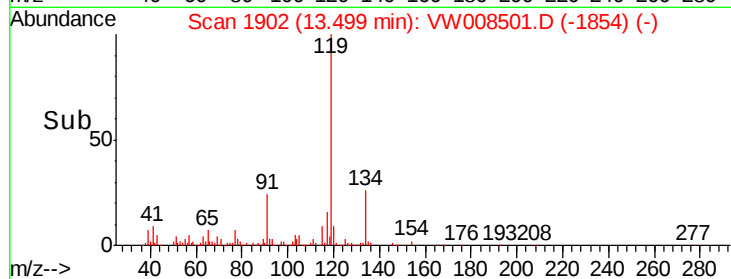
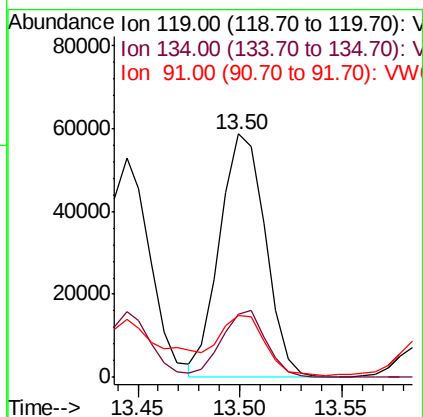
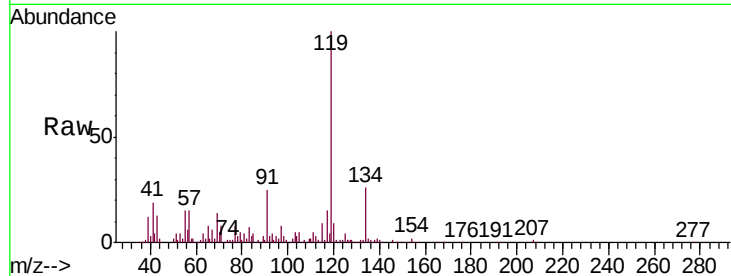




#86
p-Isopropyltoluene
Concen: 8.633 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.01 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

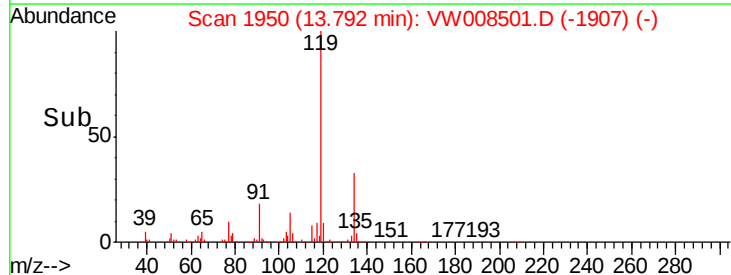
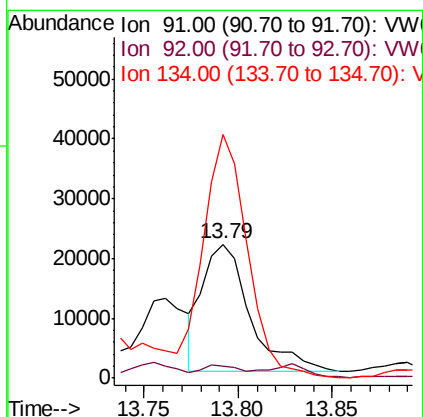
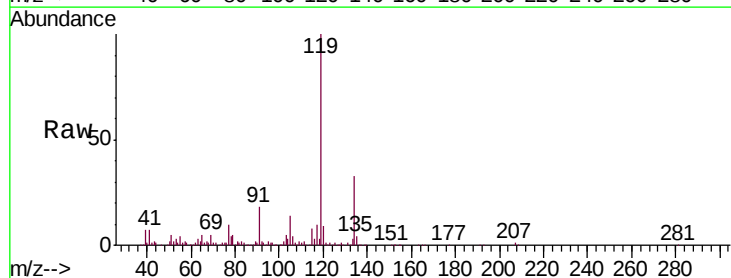
Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

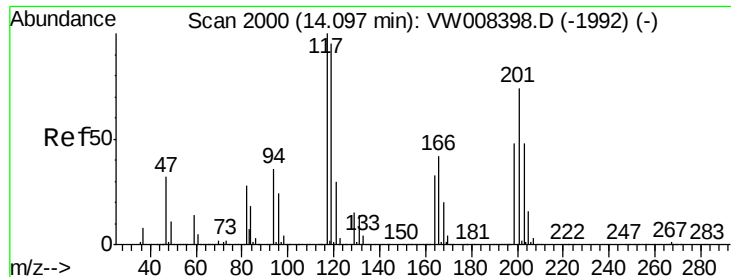
Tgt Ion: 119 Resp: 91214
Ion Ratio Lower Upper
119 100
134 26.5 13.4 40.2
91 24.2 12.6 37.6



#89
n-Butylbenzene
Concen: 3.625 ug/l
RT: 13.79 min Scan# 1950
Delta R.T. -0.04 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Tgt Ion: 91 Resp: 37601
Ion Ratio Lower Upper
91 100
92 5.1 27.4 82.2#
134 176.8 13.0 39.0#





#90

Hexachloroethane

Concen: 8.816 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

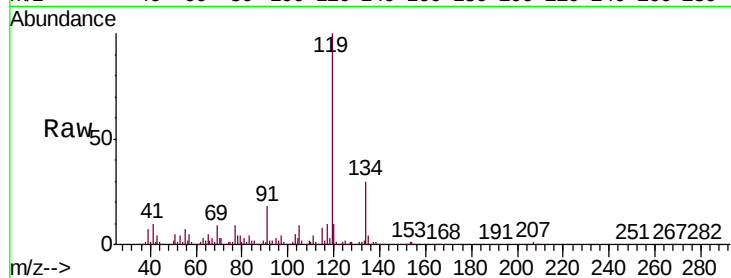
0035-COMP-1

Tgt Ion: 117 Resp: 18216

Ion Ratio Lower Upper

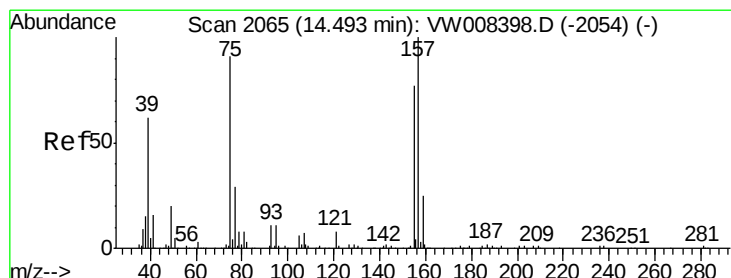
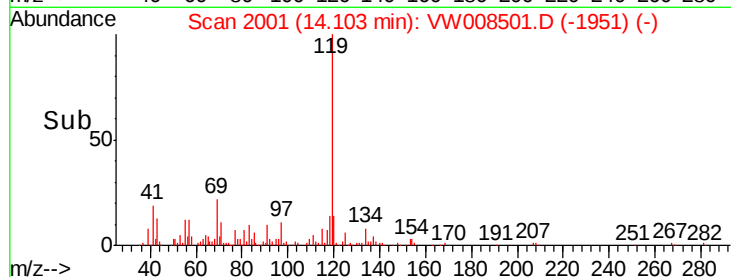
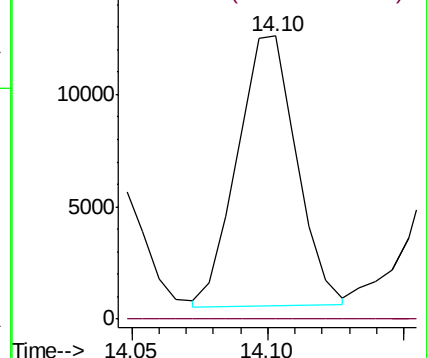
117 100

201 0.0 39.1 117.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.492 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

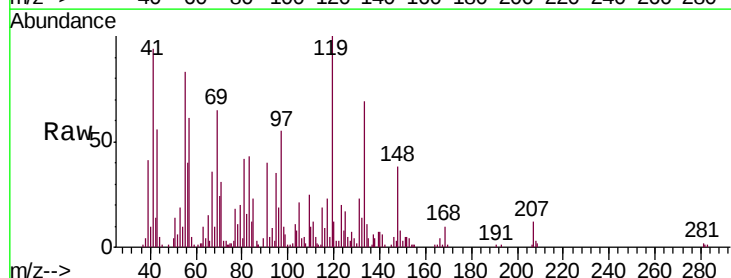
Tgt Ion: 75 Resp: 509

Ion Ratio Lower Upper

75 100

155 26.9 42.7 128.1#

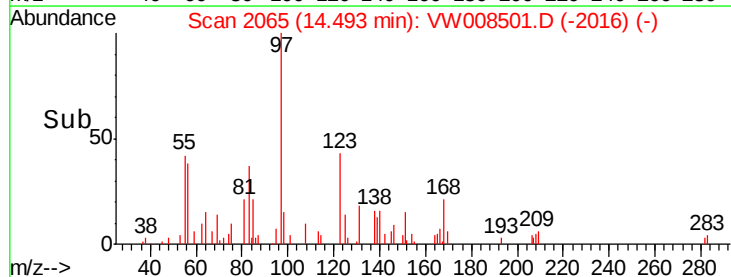
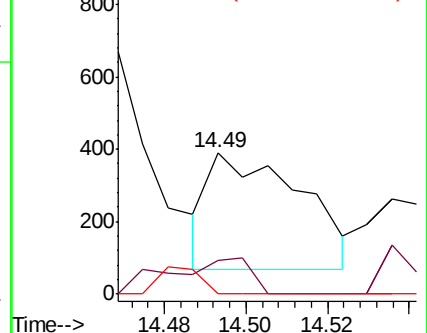
157 10.4 55.5 166.3#

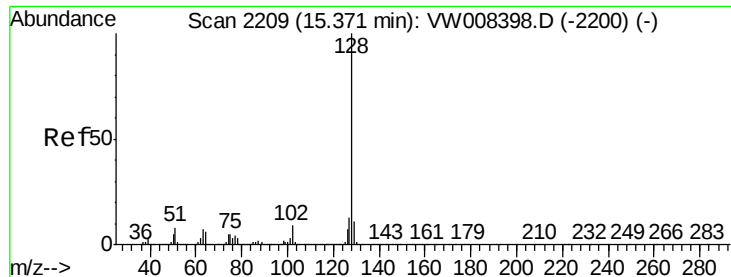


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

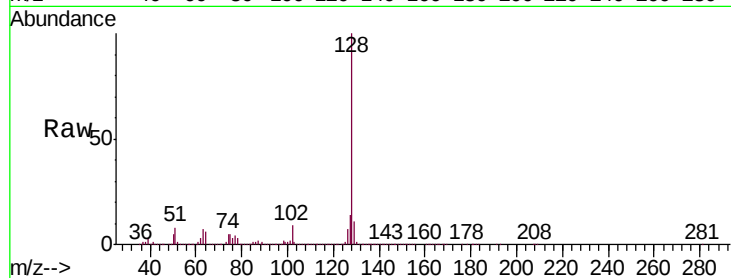




#95
Naphthalene
Concen: 410.654 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.8	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

