

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004354.D
 Acq On : 30 Jul 2018 10:36
 Operator : SY/AP
 Sample : J4126-09RE
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 11:46:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	120107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	192653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	144817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	59854	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	59907	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
35) Dibromofluoromethane	7.88	113	57882	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	10.33	98	163637	34.01	ug/l	0.00
Spiked Amount			Recovery	=	68.02%	
62) 4-Bromofluorobenzene	12.63	95	62561	36.93	ug/l	0.00
Spiked Amount			Recovery	=	73.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.44	50	23	Below Cal	#	44
4) Vinyl Chloride	2.45	62	25	Below Cal	#	42
6) Chloroethane	2.89	64	27	Below Cal	#	45
8) Diethyl Ether	3.68	74	222	Below Cal		74
11) Tert butyl alcohol	5.18	59	72	Below Cal	#	72
14) Allyl chloride	4.86	41	30	1.526	ug/l #	25
16) Acetone	4.12	43	12731	52.623	ug/l	92
17) Carbon Disulfide	4.37	76	9011	2.996	ug/l	96
18) Methyl Acetate	4.68	43	731	1.933	ug/l #	60
20) Methylene Chloride	4.91	84	18721	15.055	ug/l #	86
21) trans-1,2-Dichloroethene	5.20	96	19	Below Cal	#	1
25) 2-Butanone	7.18	43	2142	6.366	ug/l	96
29) Tetrahydrofuran	7.52	42	108	3.120	ug/l #	11
31) Cyclohexane	7.95	56	2221	1.074	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	7490	3.886	ug/l #	50
37) Ethyl Acetate	7.18	43	2142	2.712	ug/l #	69
38) Carbon Tetrachloride	7.95	117	10701	5.623	ug/l #	14
41) Methacrylonitrile	7.53	41	118	2.316	ug/l #	26
52) Toluene	10.39	92	3815	1.121	ug/l	84
55) 1,1,2-Trichloroethane	10.76	97	1599	1.634	ug/l #	15
59) 2-Hexanone	10.94	43	1751	3.264	ug/l #	25
67) Ethyl Benzene	11.74	91	386604	72.920	ug/l	97
68) m/p-Xylenes	11.84	106	54904	26.912	ug/l	100
69) o-Xylene	12.17	106	28937	15.351	ug/l	100
70) Styrene	12.19	104	7589	2.383	ug/l #	44
73) Isopropylbenzene	12.47	105	311161	74.974	ug/l	99
74) N-amyl acetate	12.26	43	1843	3.661	ug/l #	19
76) 1,2,3-Trichloropropane	12.81	75	1073	1.964	ug/l #	100
77) Bromobenzene	12.94	156	207284	206.709	ug/l #	1
78) n-propylbenzene	12.81	91	172808	34.179	ug/l	95
79) 2-Chlorotoluene	12.91	91	100309	34.687	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.95	105	497365	139.111	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.47	75	5476	23.326	ug/l #	58
82) 4-Chlorotoluene	12.95	91	49415	16.148	ug/l #	41

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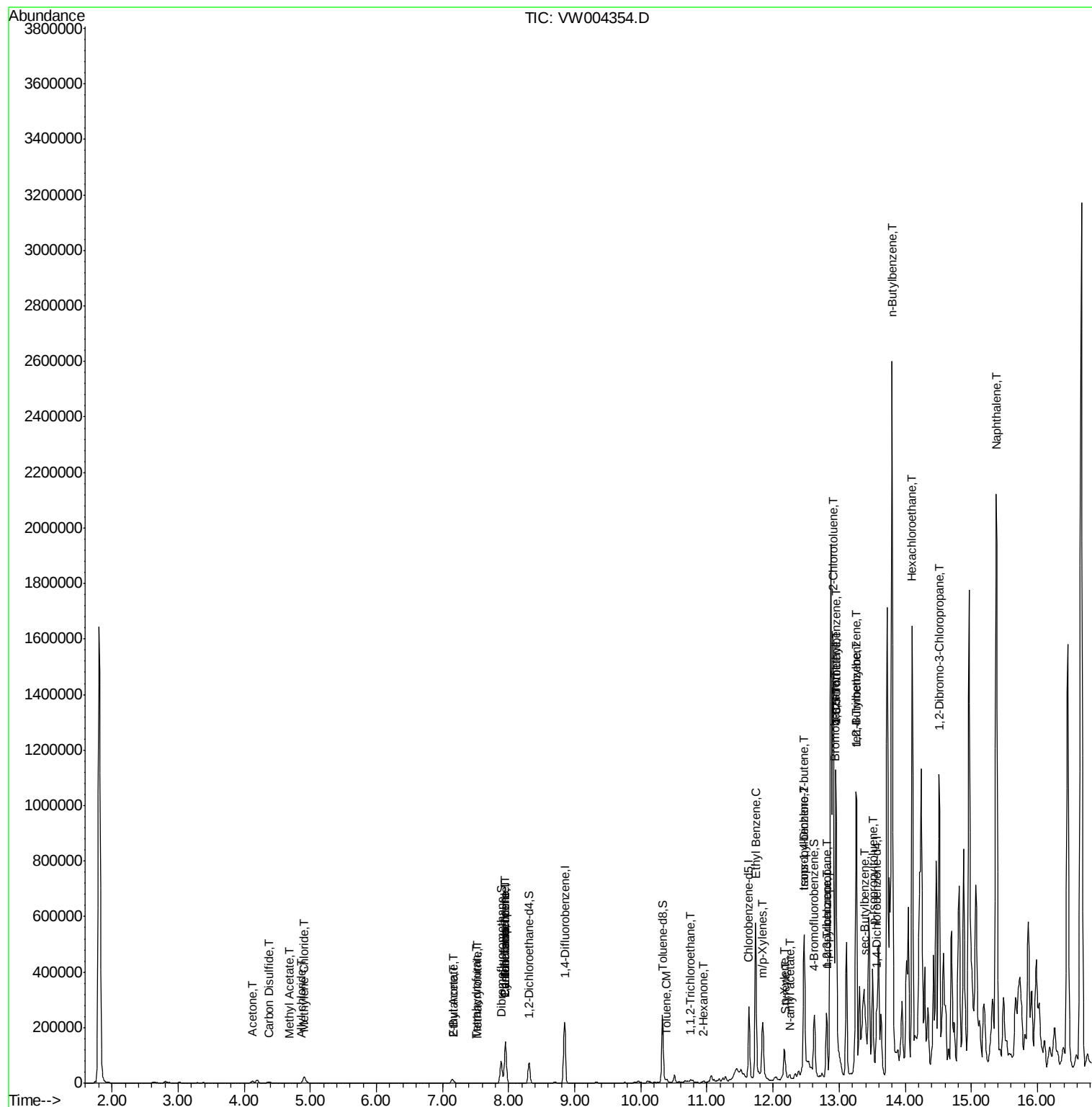
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.26	119	79828	26.801	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.26	105	595678	163.362	ug/l	98
85) sec-Butylbenzene	13.39	105	19724	4.533	ug/l #	52
86) p-Isopropyltoluene	13.51	119	170169	43.548	ug/l	96
89) n-Butylbenzene	13.80	91	364805	99.977	ug/l #	1
90) Hexachloroethane	14.10	117	110842	159.041	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3185	25.097	ug/l #	1
95) Naphthalene	15.38	128	1720532	792.748	ug/l	98

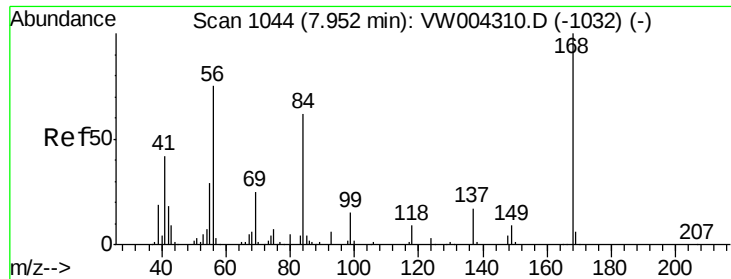
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004354.D

Acq: 30 Jul 2018 10:36

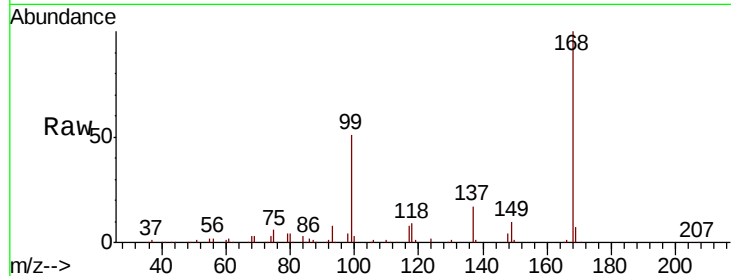
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 120107

Ion Ratio Lower Upper

168 100

99 51.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

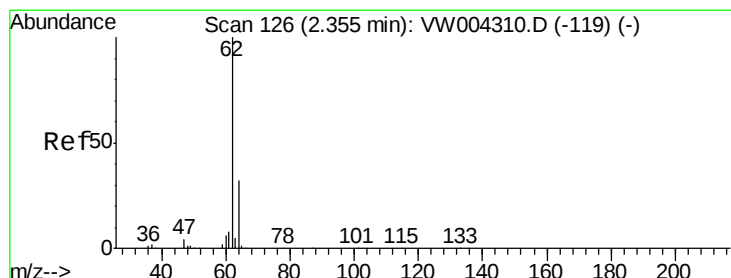
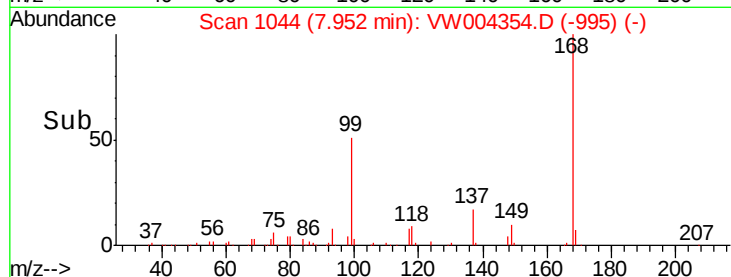
20000

10000

0

7.90 8.00

Time-->



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.45 min Scan# 141

Delta R.T. 0.09 min

Lab File: VW004354.D

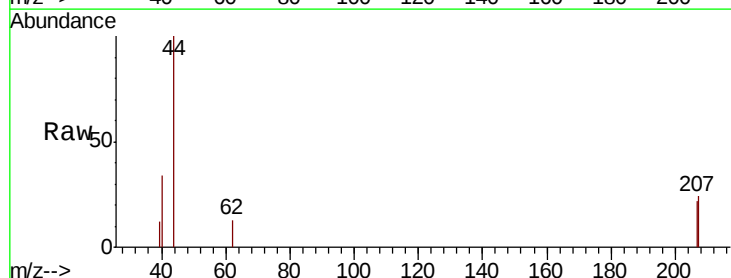
Acq: 30 Jul 2018 10:36

Tgt Ion: 62 Resp: 25

Ion Ratio Lower Upper

62 100

64 0.0 25.9 38.9#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.45

80

60

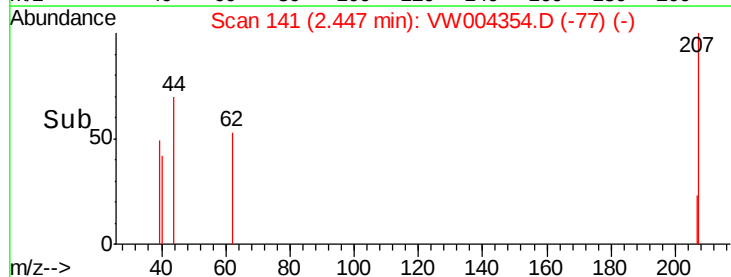
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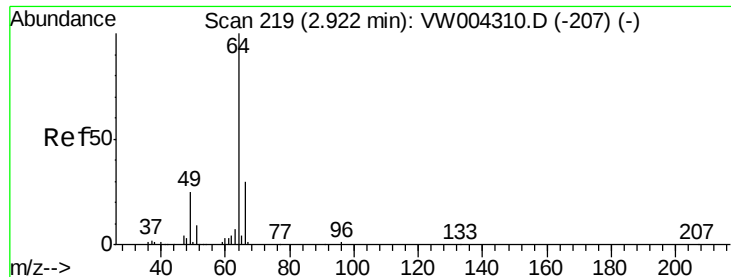
20

0

2.43 2.44 2.45 2.46

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 2.89 min Scan# 214

Delta R.T. -0.03 min

Lab File: VW004354.D

Acq: 30 Jul 2018 10:36

Instrument :

MSVOA_W

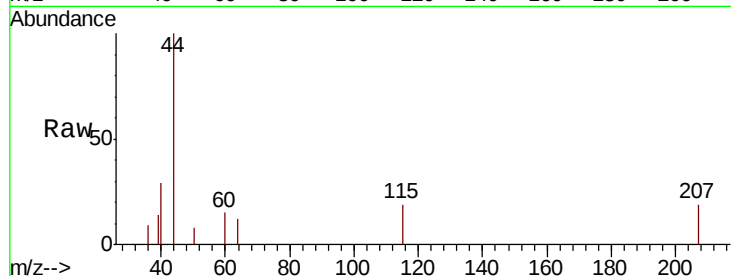
ClientSampled :

Tot Ion: 64 Resp: 27

Ion Ratio Lower Upper

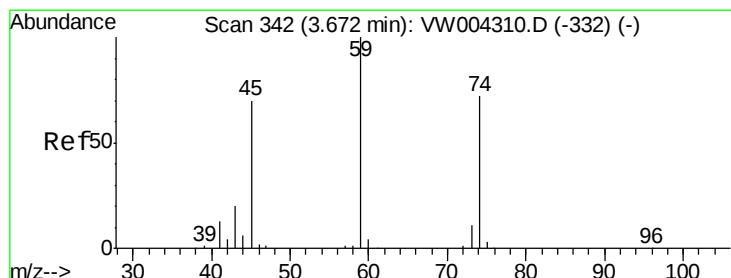
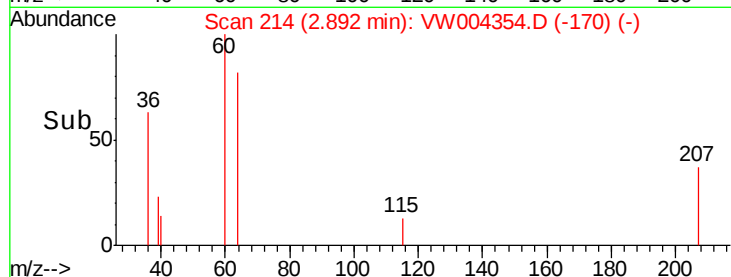
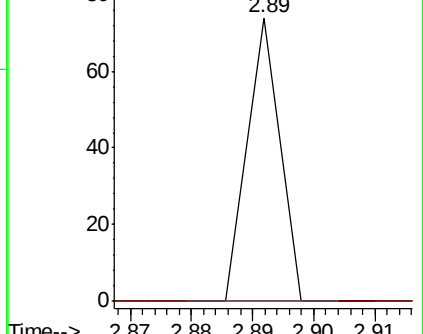
64 100

66 0.0 23.7 35.5#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



#8

Diethyl Ether

Concen: Below Cal

RT: 3.68 min Scan# 344

Delta R.T. 0.01 min

Lab File: VW004354.D

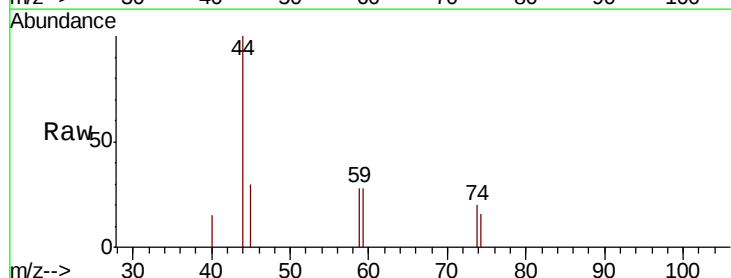
Acq: 30 Jul 2018 10:36

Tgt Ion: 74 Resp: 222

Ion Ratio Lower Upper

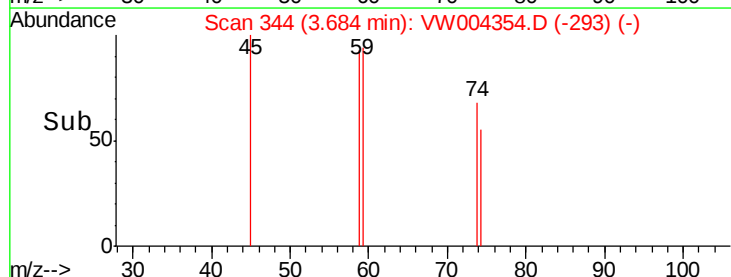
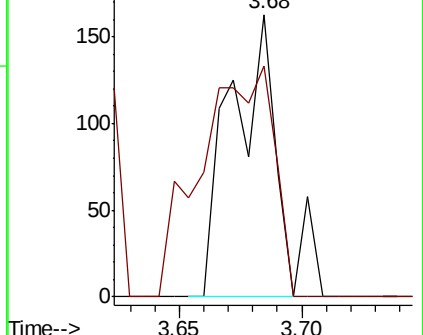
74 100

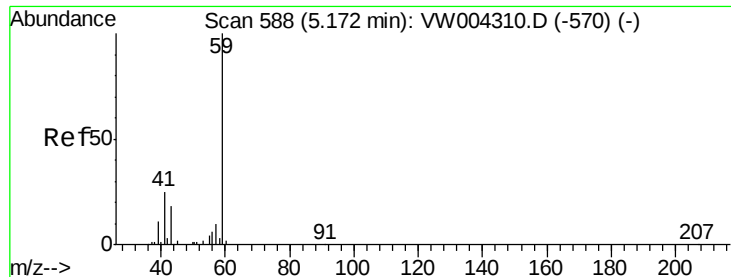
45 124.8 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



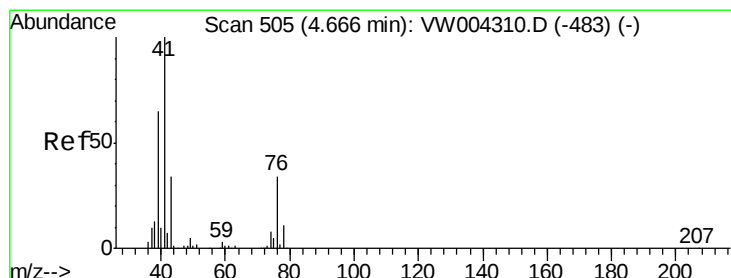
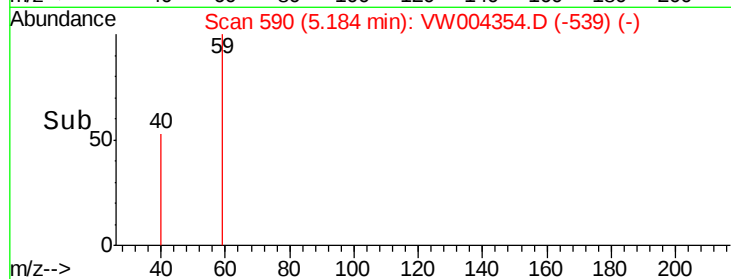
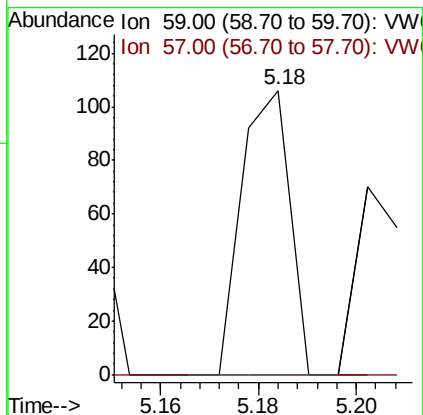
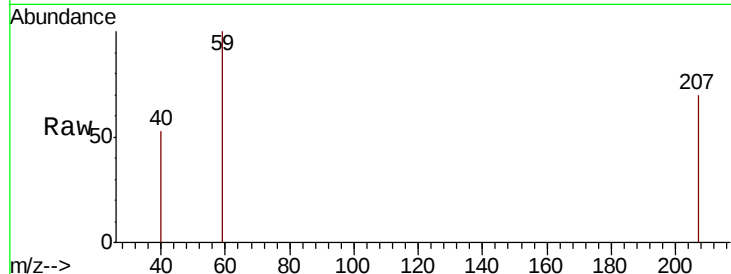


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.18 min Scan# 590
 Delta R.T. 0.01 min
 Lab File: VW004354.D
 Acq: 30 Jul 2018 10:36

Instrument :
 MSVOA_W
 ClientSampled :

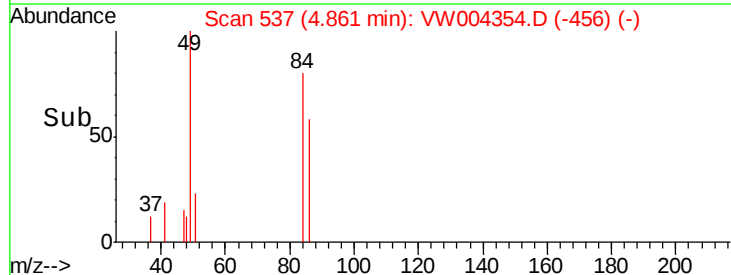
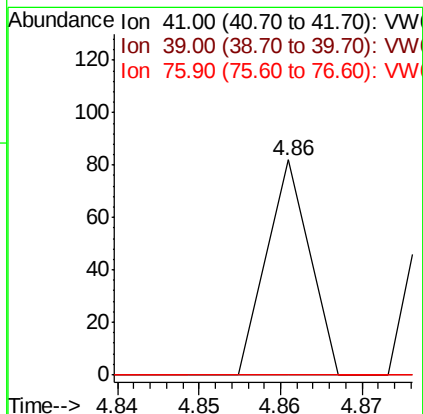
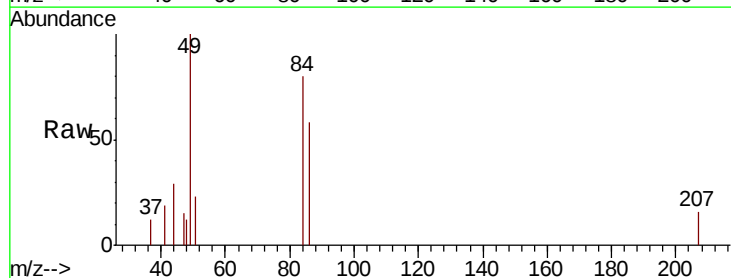
Tot Ion: 59 Resp: 72
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

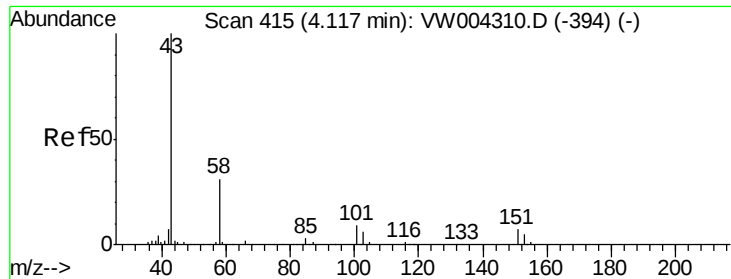


#14

Allyl chloride
 Concen: 1.526 ug/l
 RT: 4.86 min Scan# 537
 Delta R.T. 0.20 min
 Lab File: VW004354.D
 Acq: 30 Jul 2018 10:36

Tgt Ion: 41 Resp: 30
 Ion Ratio Lower Upper
 41 100
 39 0.0 52.3 78.5#
 76 0.0 27.3 40.9#

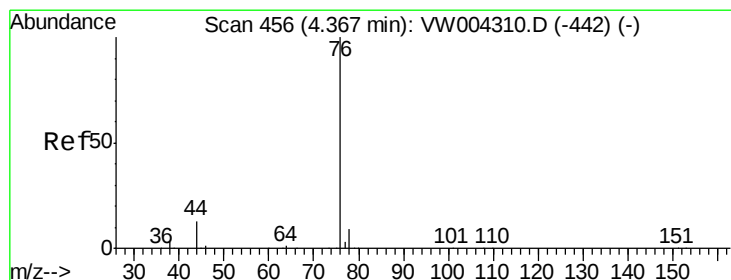
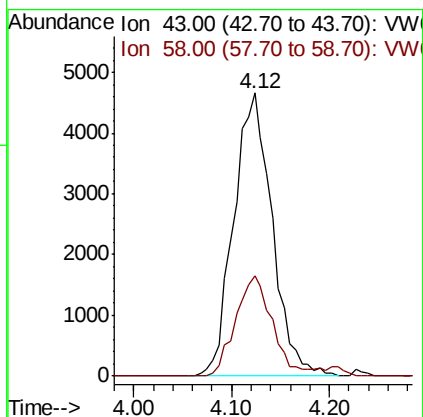
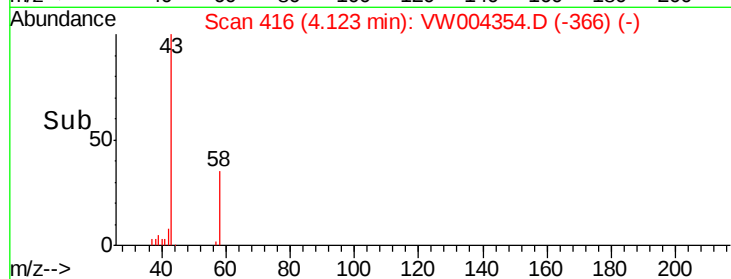
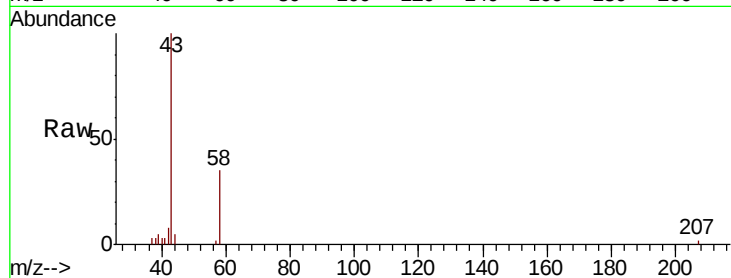




#16
Acetone
Concen: 52.623 ug/l
RT: 4.12 min Scan# 416
Delta R.T. 0.01 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

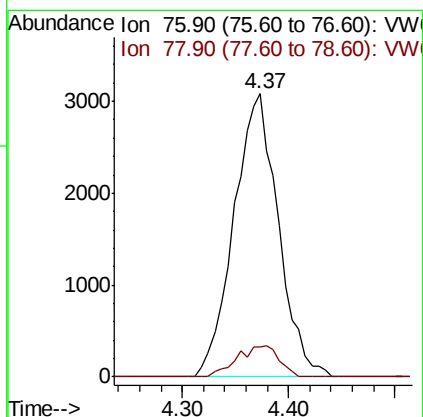
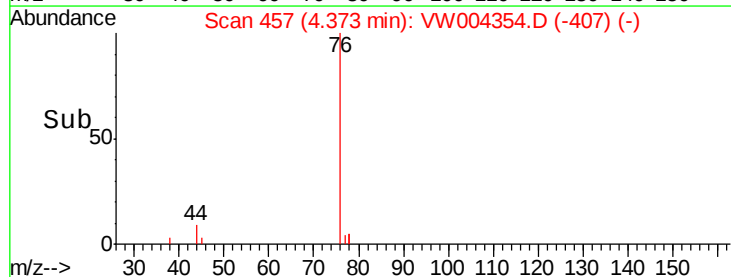
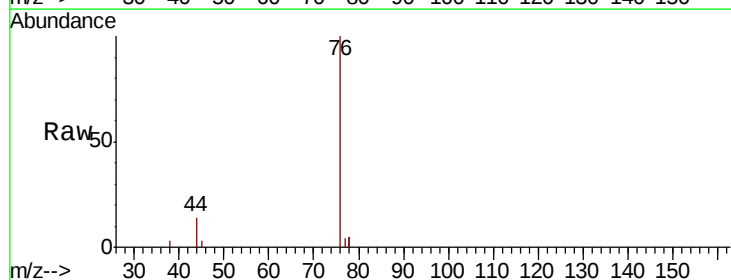
Instrument :
MSVOA_W
ClientSampled :

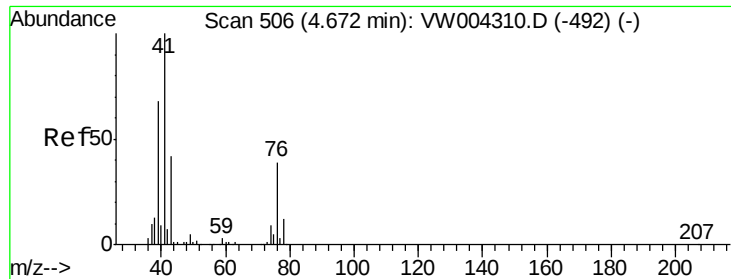
Tot Ion: 43 Resp: 12731
Ion Ratio Lower Upper
43 100
58 35.3 24.8 37.2



#17
Carbon Disulfide
Concen: 2.996 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

Tgt Ion: 76 Resp: 9011
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0

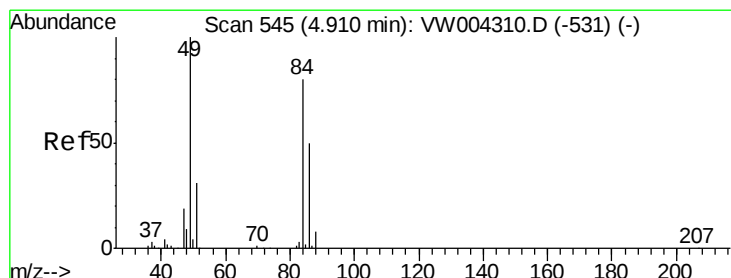
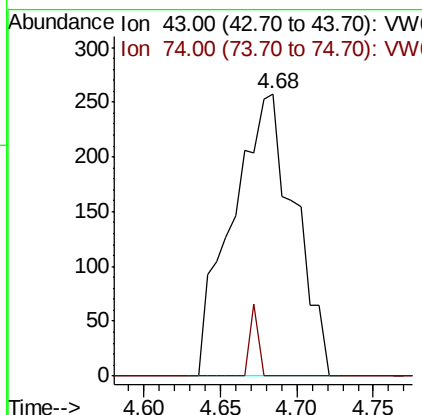
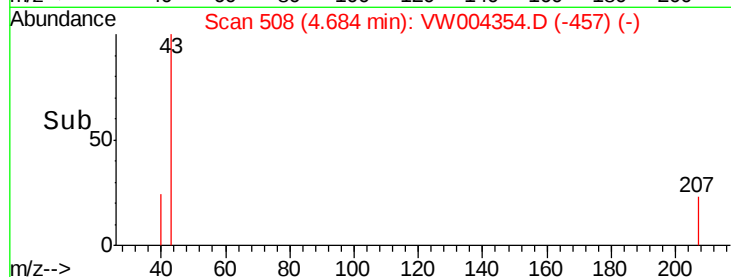
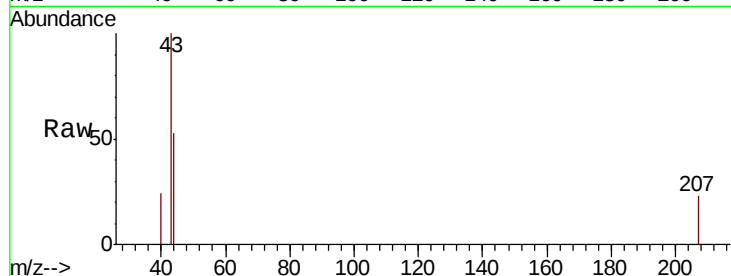




#18
Methvl Acetate
Concen: 1.933 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.01 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

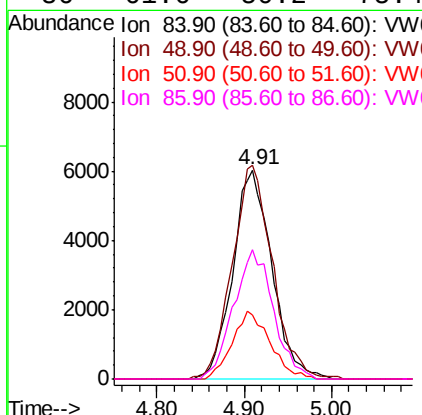
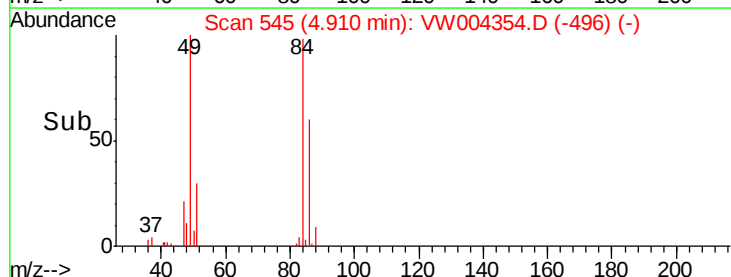
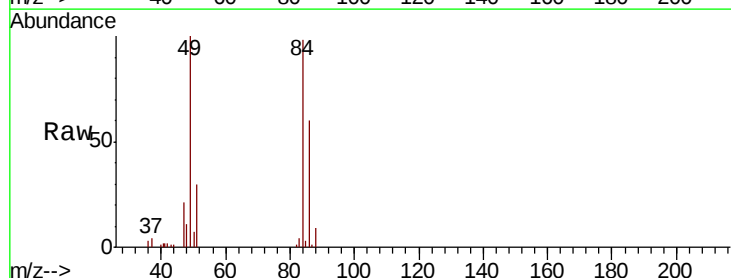
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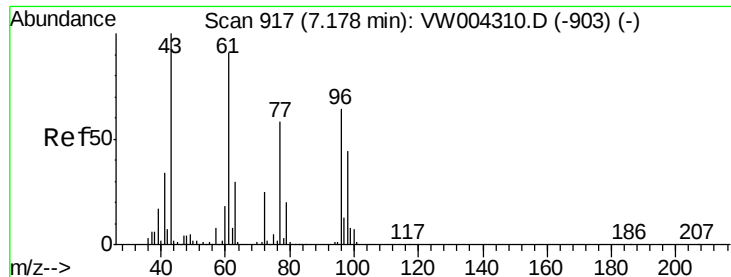
Tot Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
74 3.3 17.8 26.6#



#20
Methylene Chloride
Concen: 15.055 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

Tgt Ion: 84 Resp: 18721
Ion Ratio Lower Upper
84 100
49 102.2 100.5 150.7
51 30.4 30.9 46.3#
86 61.6 50.2 75.4

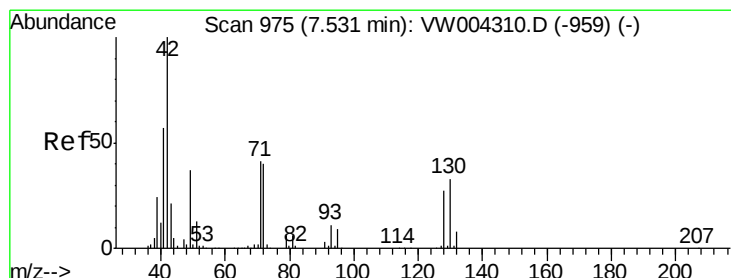
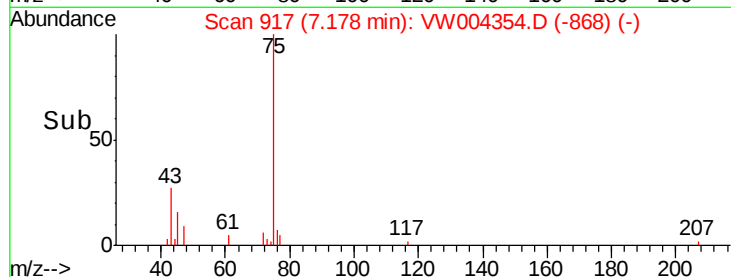
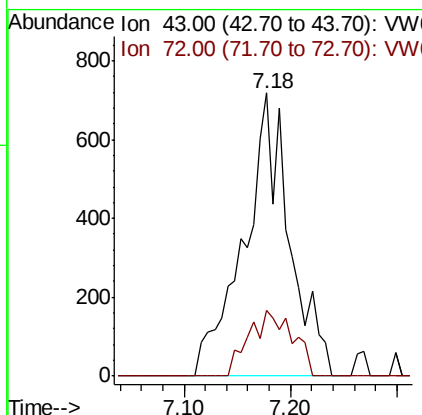
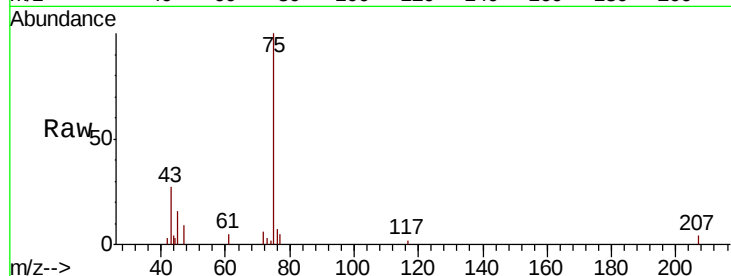




#25
 2-Butanone
 Concen: 6.366 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW004354.D
 Acq: 30 Jul 2018 10:36

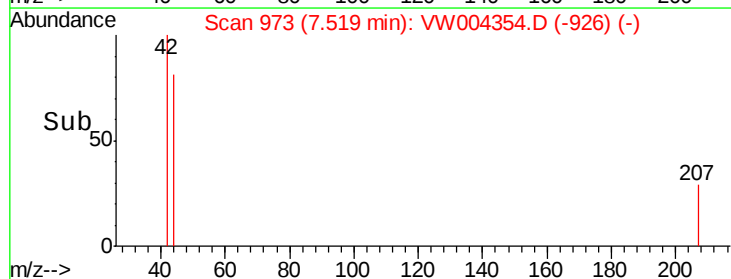
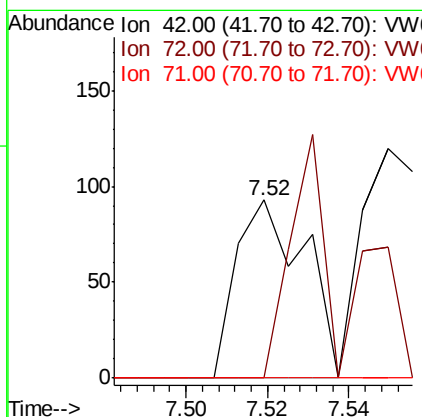
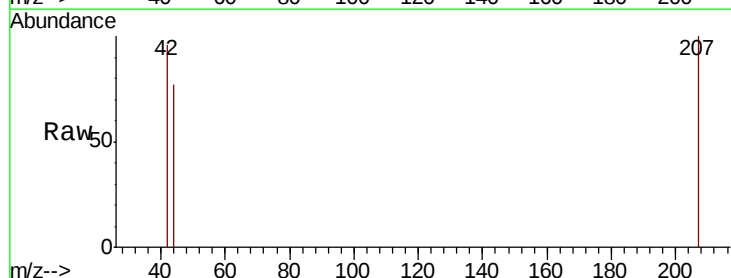
Instrument :
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 ClientSampled :

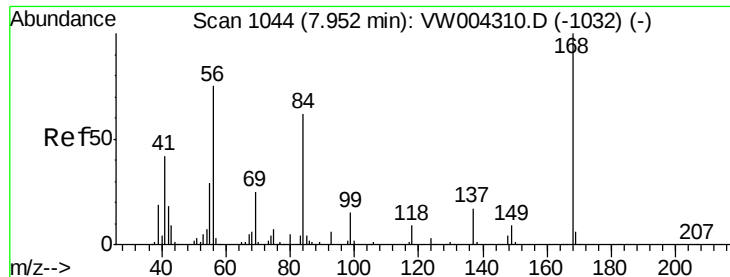
Tot Ion: 43 Resp: 2142
 Ion Ratio Lower Upper
 43 100
 72 23.3 20.3 30.5



#29
 Tetrahydrofuran
 Concen: 3.120 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: VW004354.D
 Acq: 30 Jul 2018 10:36

Tgt Ion: 42 Resp: 108
 Ion Ratio Lower Upper
 42 100
 72 111.1 32.6 48.8#
 71 0.0 31.3 46.9#

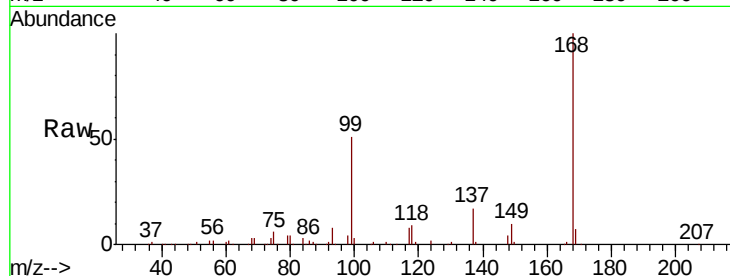




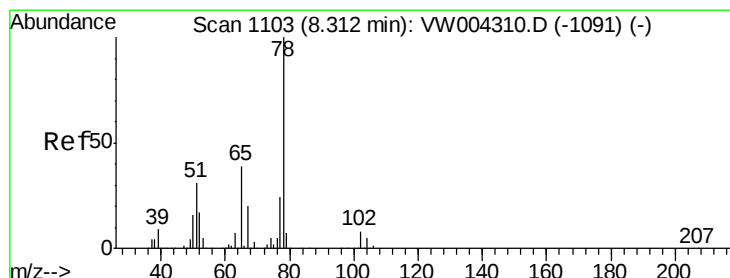
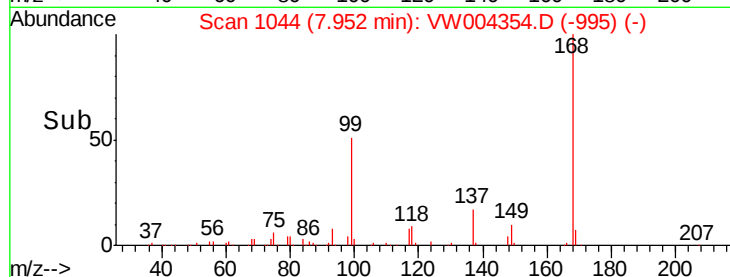
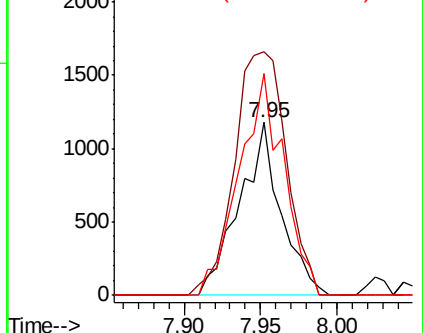
#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2221
Ion Ratio Lower Upper
56 100
69 140.9 26.3 39.5#
84 128.3 66.2 99.4#

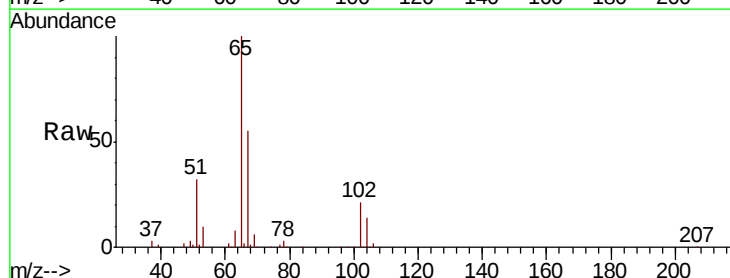


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

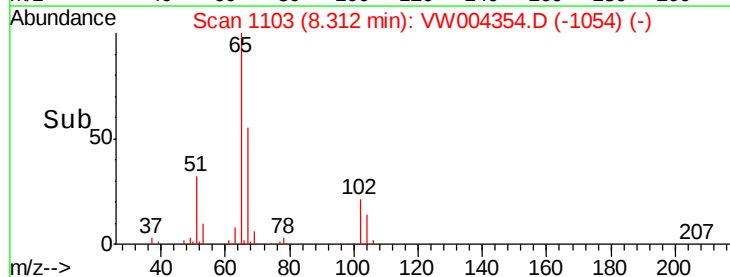
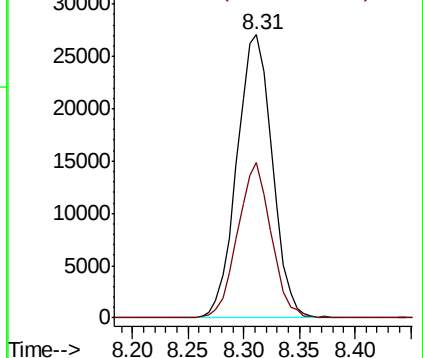


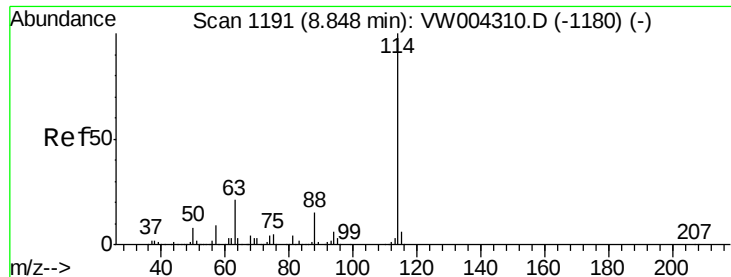
#33
1,2-Dichloroethane-d4
Concen: 49.447 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

Tgt Ion: 65 Resp: 59907
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.4



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

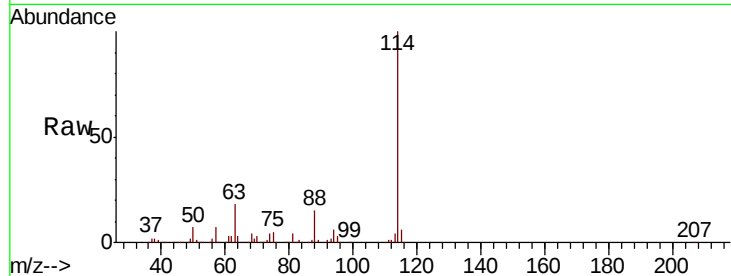




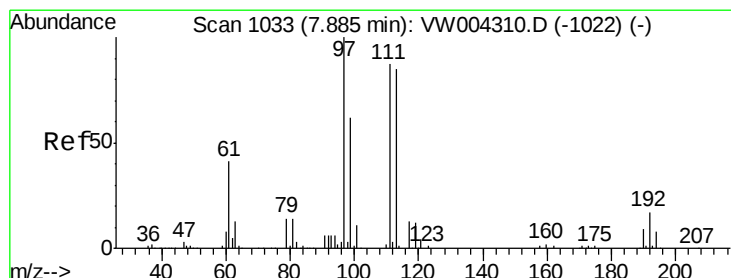
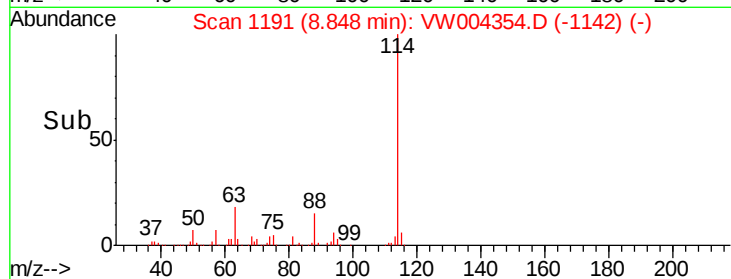
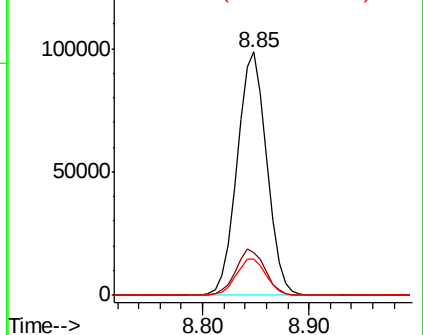
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004354.D
 Acq: 30 Jul 2018 10:36

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	41.4
88	14.8	0.0	30.6

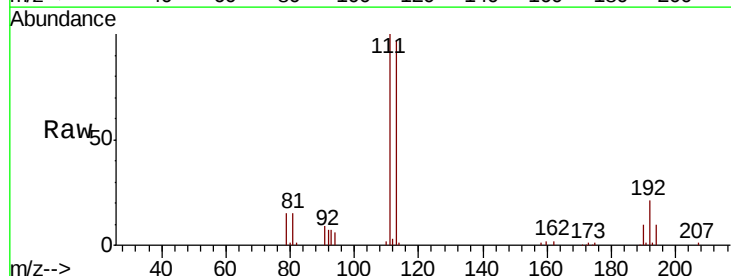


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

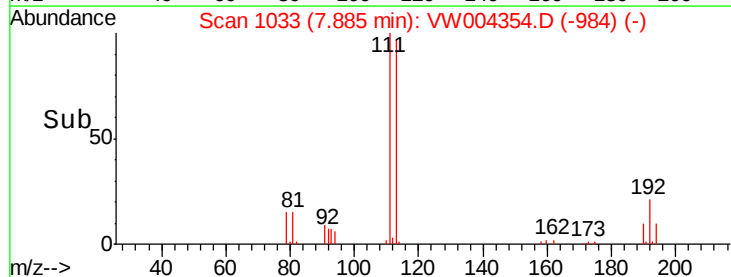
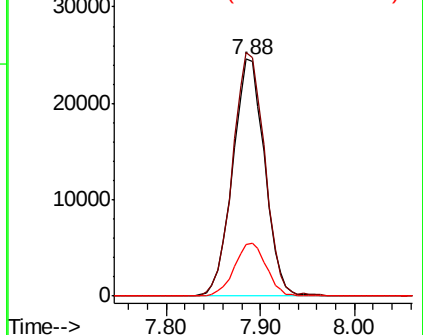


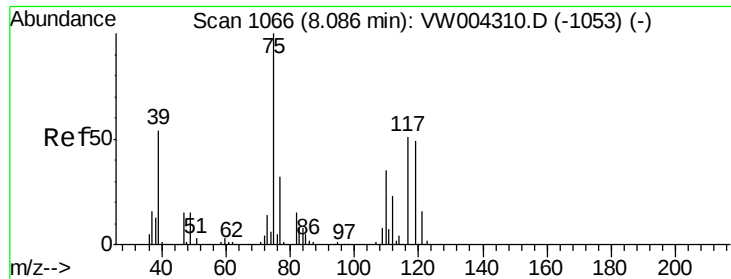
#35
 Dibromofluoromethane
 Concen: 47.542 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004354.D
 Acq: 30 Jul 2018 10:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	22.3	16.2	24.4



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

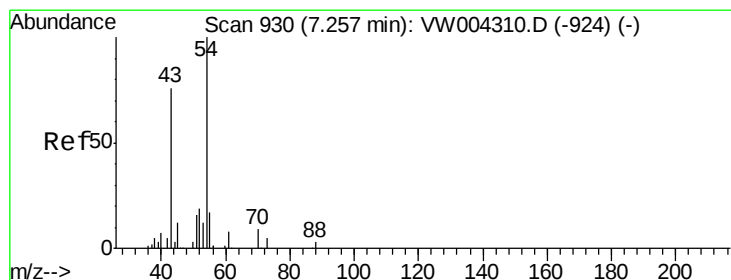
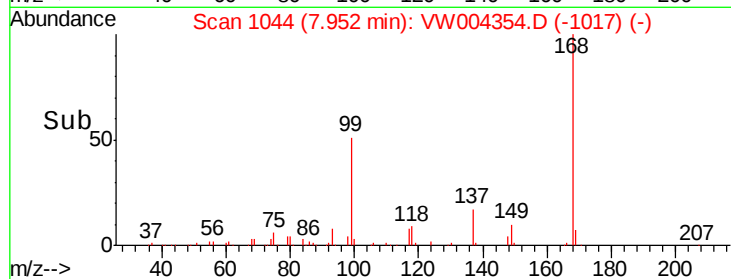
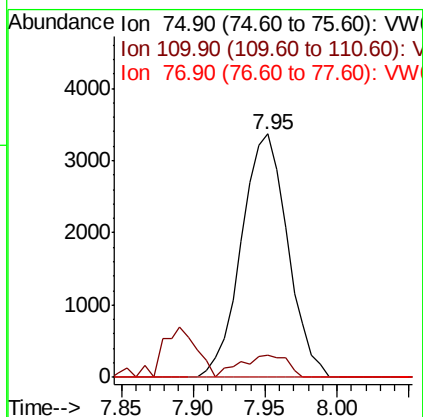
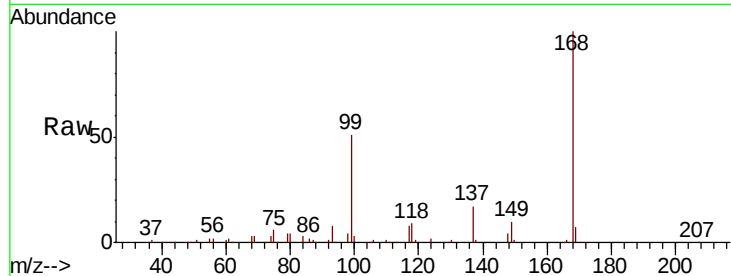




#36
 1,1-Dichloropropene
 Concen: 3.886 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004354.D
 Acq: 30 Jul 2018 10:36

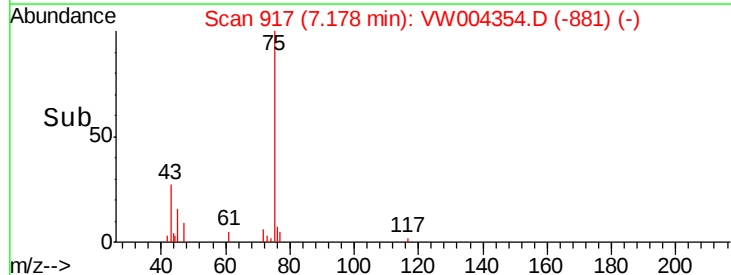
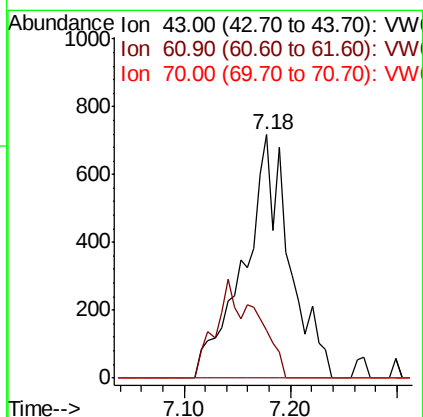
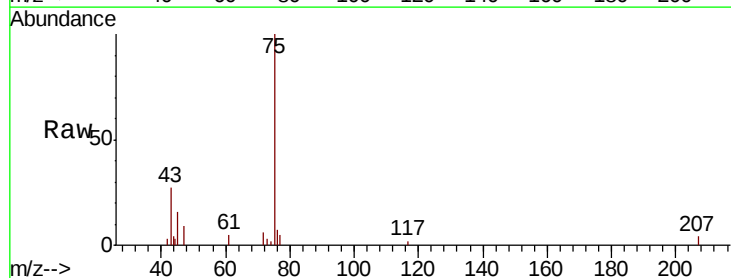
Instrument :
 MSVOA_W
 ClientSampled :

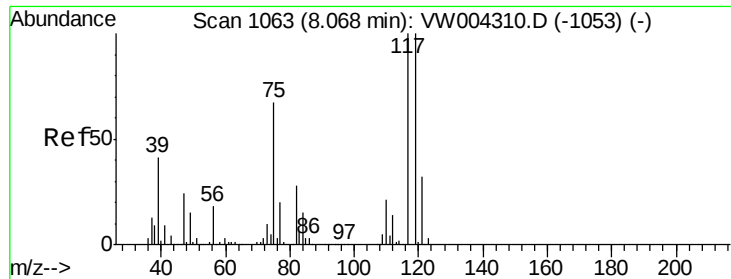
Tot Ion: 75 Resp: 7490
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.3 52.0#
 77 0.0 25.0 37.6#



#37
 Ethyl Acetate
 Concen: 2.712 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.08 min
 Lab File: VW004354.D
 Acq: 30 Jul 2018 10:36

Tgt Ion: 43 Resp: 2142
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.1 16.7#
 70 0.0 7.8 11.6#





#38

Carbon Tetrachloride

Concen: 5.623 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW004354.D

Acq: 30 Jul 2018 10:36

Instrument :

MSVOA_W

ClientSampled :

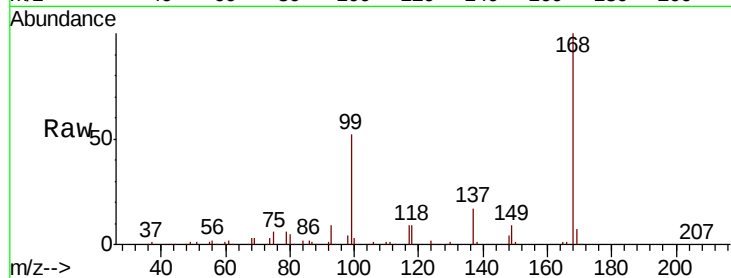
Tot Ion:117 Resp: 10701

Ion Ratio Lower Upper

117 100

119 5.1 79.7 119.5#

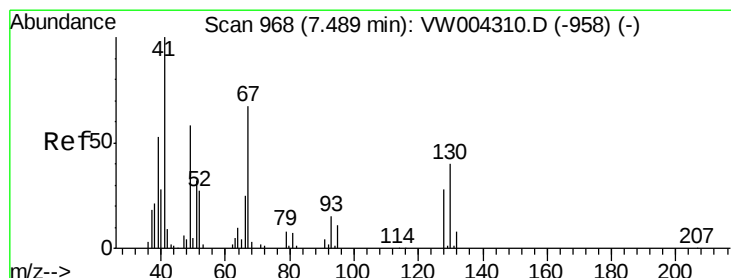
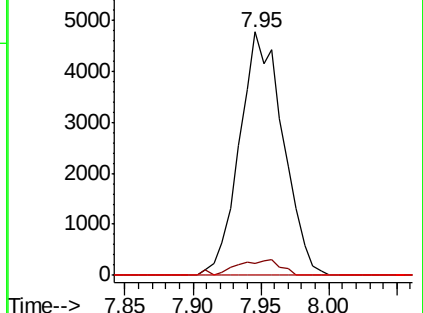
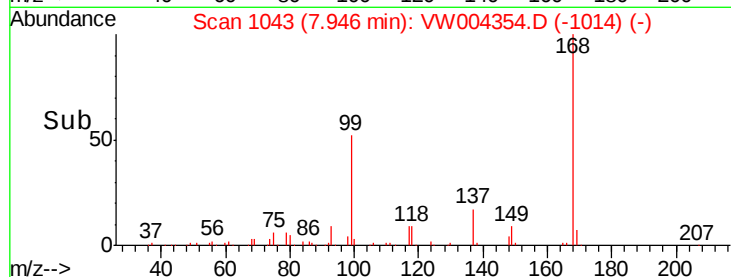
121 0.0 25.7 38.5#



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



#41

Methacrylonitrile

Concen: 2.316 ug/l

RT: 7.53 min Scan# 975

Delta R.T. 0.04 min

Lab File: VW004354.D

Acq: 30 Jul 2018 10:36

Tgt Ion: 41 Resp: 118

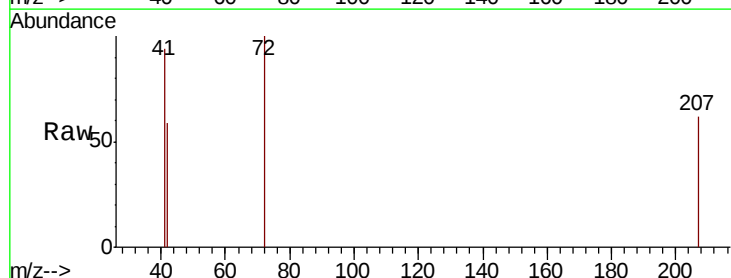
Ion Ratio Lower Upper

41 100

39 0.0 41.2 61.8#

67 0.0 53.4 80.0#

52 0.0 22.4 33.6#

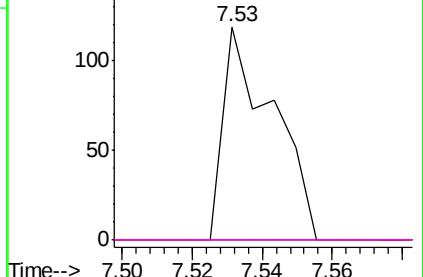
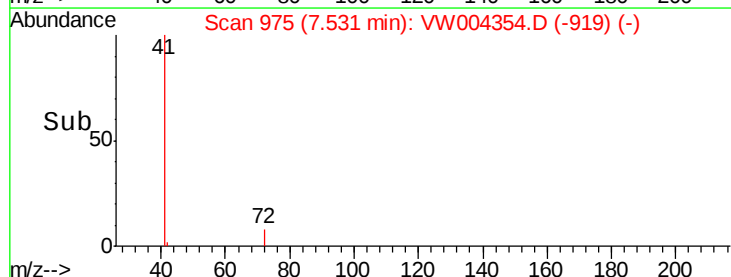


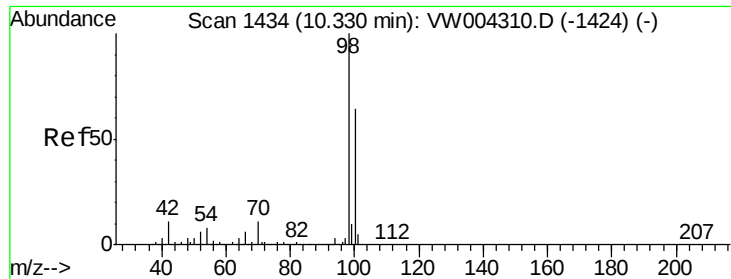
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW

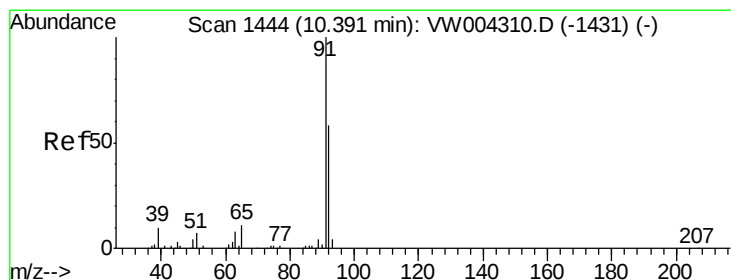
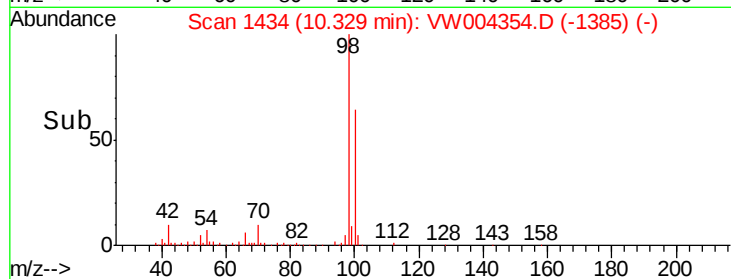
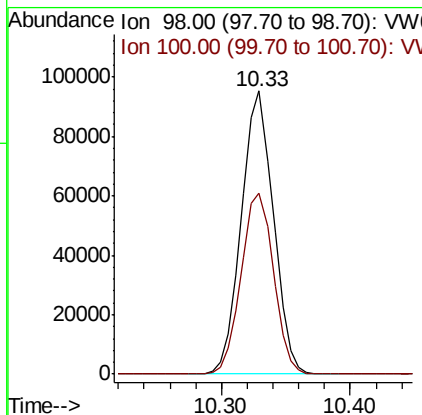
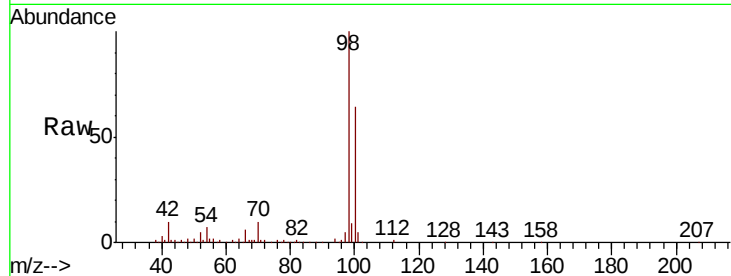




#50
Toluene-d8
Concen: 34.009 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

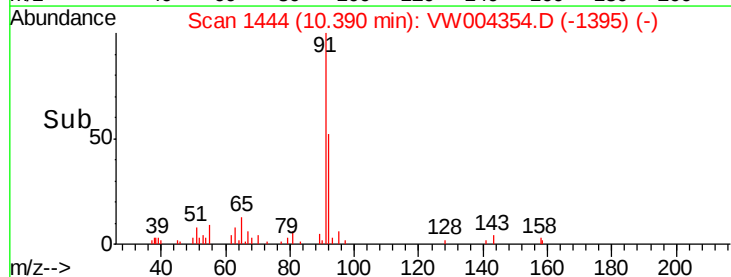
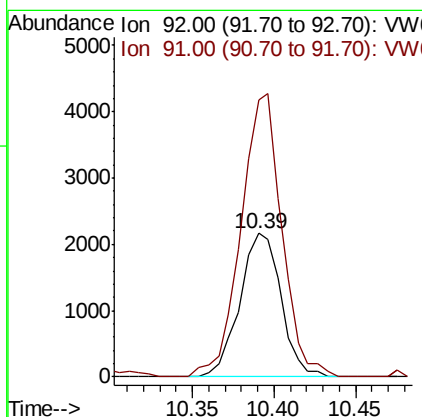
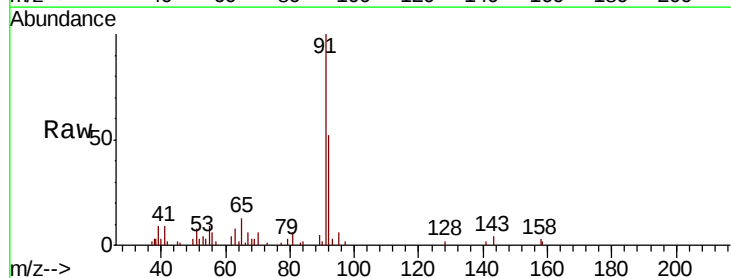
Instrument :
MSVOA_W
ClientSampled :

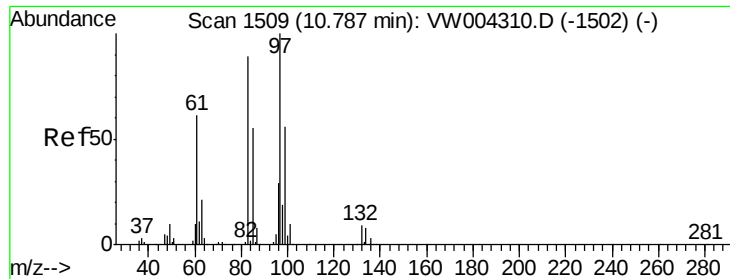
Tot Ion: 98 Resp: 163637
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#52
Toluene
Concen: 1.121 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

Tgt Ion: 92 Resp: 3815
Ion Ratio Lower Upper
92 100
91 195.6 139.0 208.4

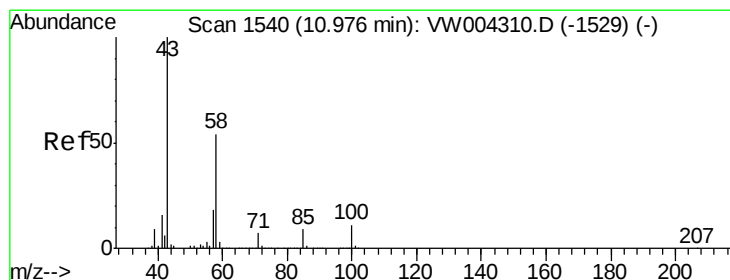
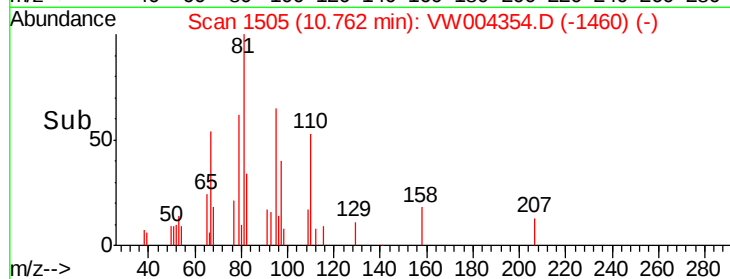
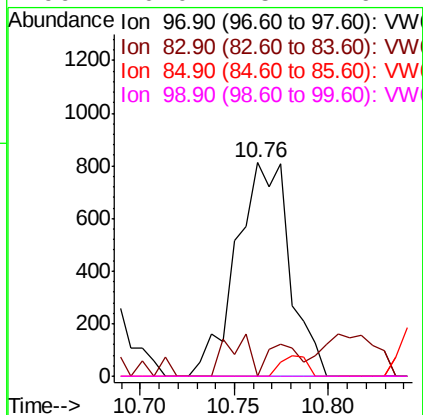
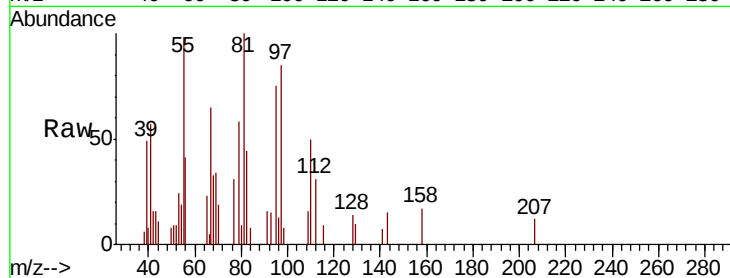




#55
 1,1,2-Trichloroethane
 Concen: 1.634 ug/l
 RT: 10.76 min Scan# 1505
 Delta R.T. -0.02 min
 Lab File: VW004354.D
 Acq: 30 Jul 2018 10:36

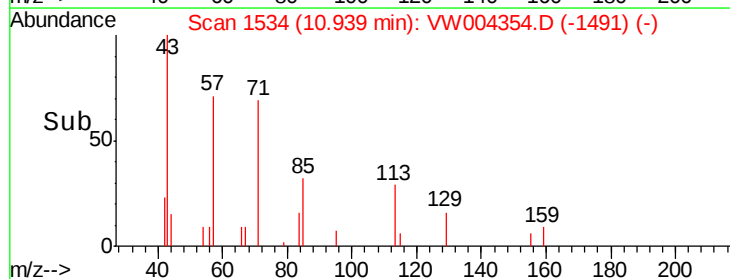
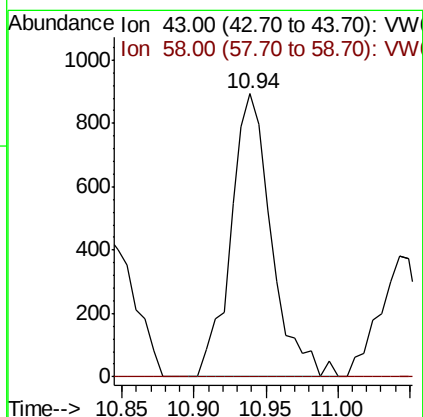
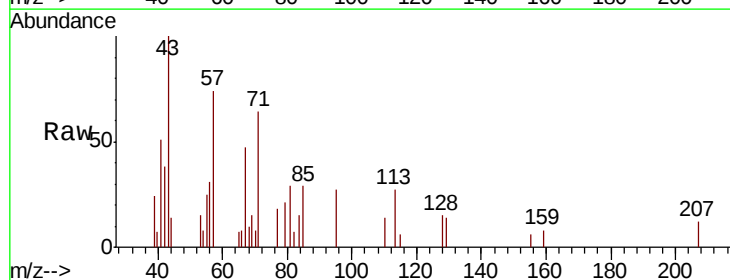
Instrument :
 MSVOA_W
 ClientSampled :

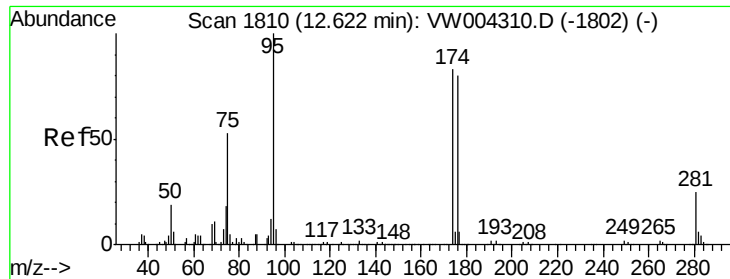
Tot Ion:	97	Resp:	1599
Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.8	106.2#
85	0.0	43.7	65.5#
99	0.0	45.1	67.7#



#59
 2-Hexanone
 Concen: 3.264 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.04 min
 Lab File: VW004354.D
 Acq: 30 Jul 2018 10:36

Tgt Ion:	43	Resp:	1751
Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.5	79.4#

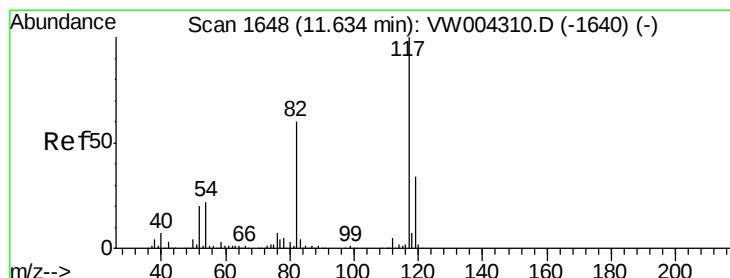
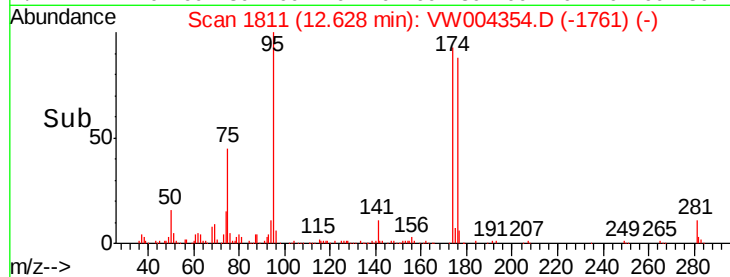
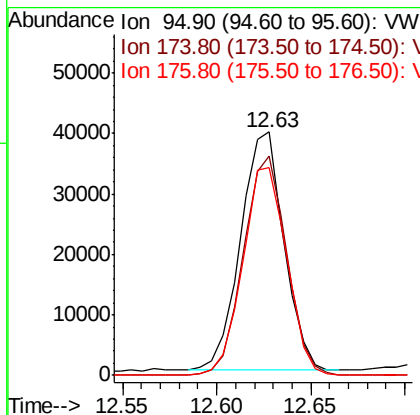
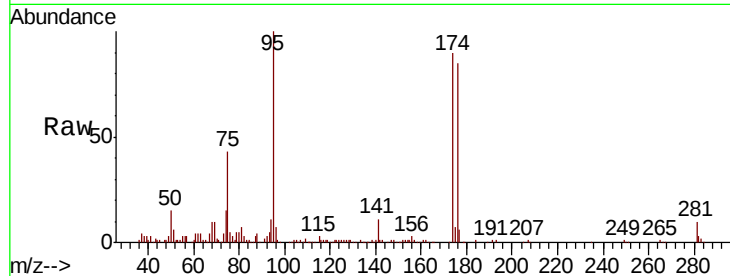




#62
4-Bromofluorobenzene
Concen: 36.927 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

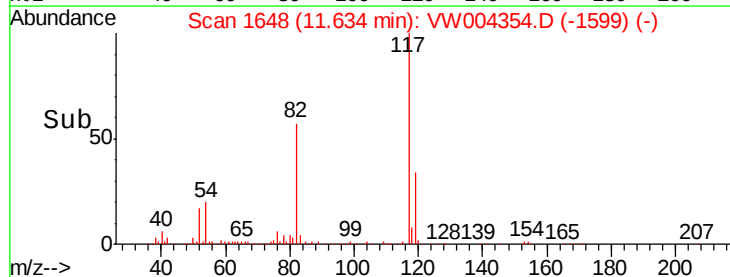
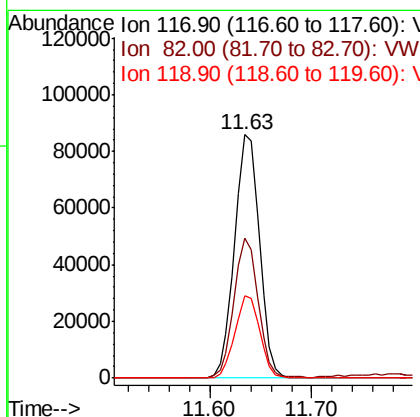
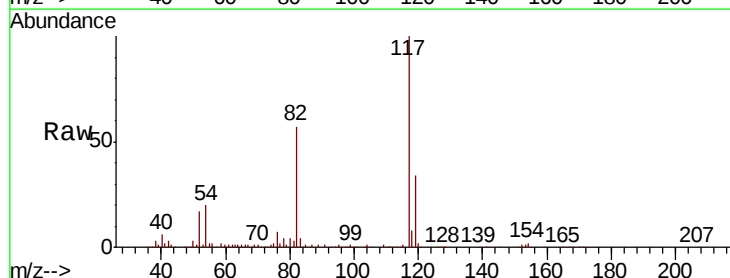
Instrument :
MSVOA_W
ClientSampled :

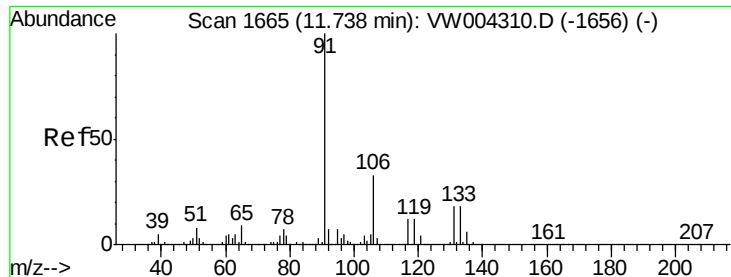
Tot Ion: 95 Resp: 62561
Ion Ratio Lower Upper
95 100
174 92.1 0.0 167.8
176 89.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

Tgt Ion: 117 Resp: 144817
Ion Ratio Lower Upper
117 100
82 56.9 47.9 71.9
119 33.6 27.1 40.7

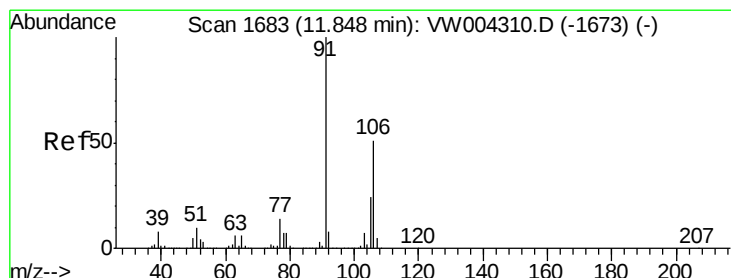
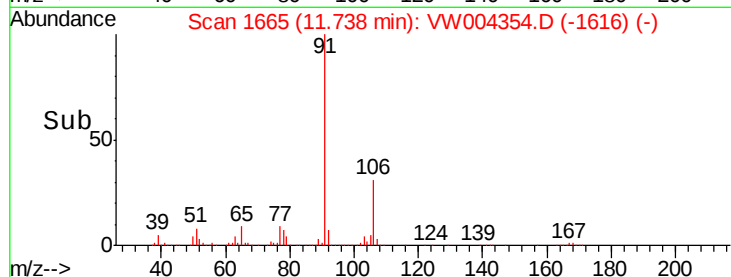
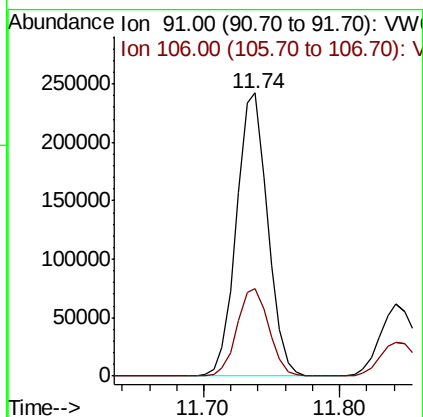
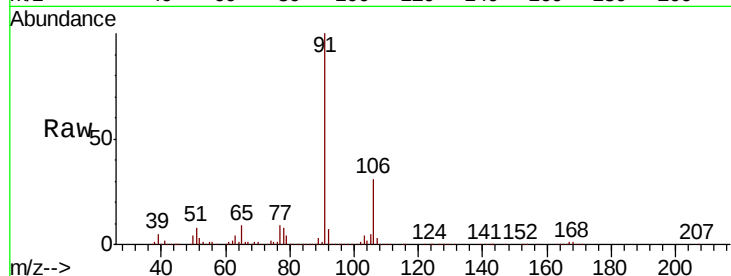




#67
Ethyl Benzene
Concen: 72.920 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

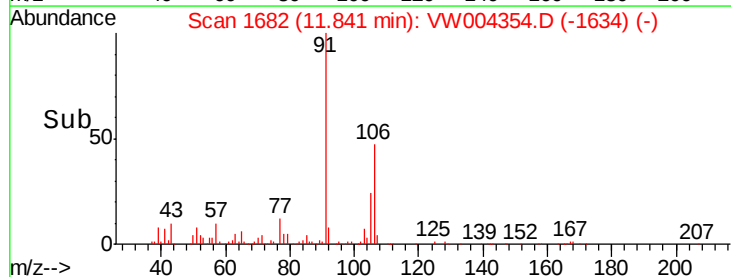
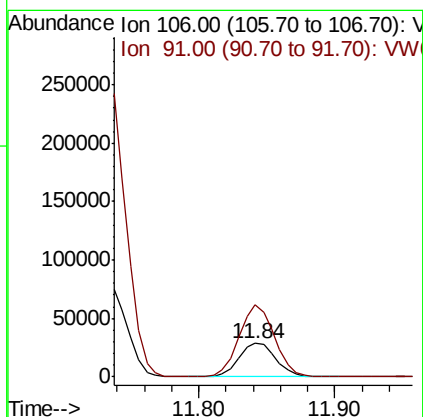
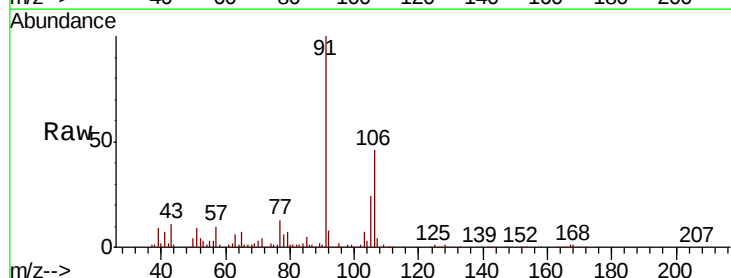
Instrument :
MSVOA_W
ClientSampled :

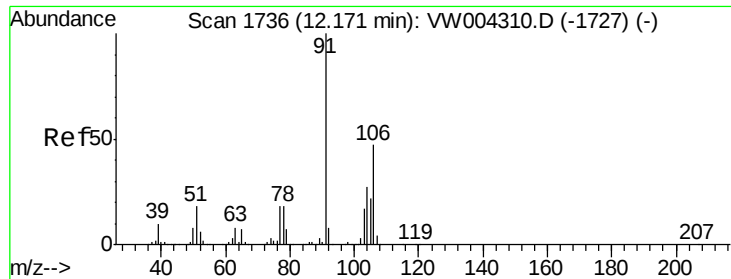
Tot Ion: 91 Resp: 386604
Ion Ratio Lower Upper
91 100
106 30.8 26.1 39.1



#68
m/p-Xylenes
Concen: 26.912 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

Tgt Ion:106 Resp: 54904
Ion Ratio Lower Upper
106 100
91 202.4 162.2 243.2

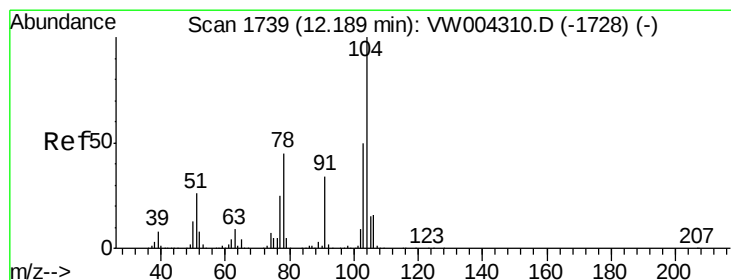
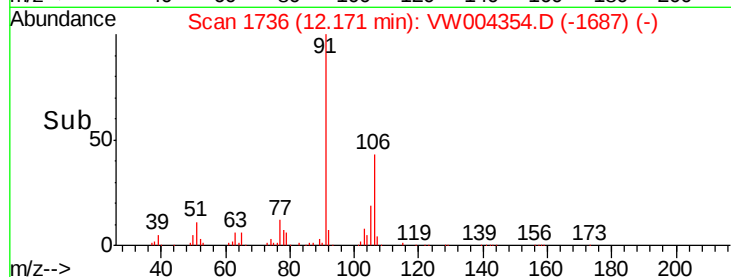
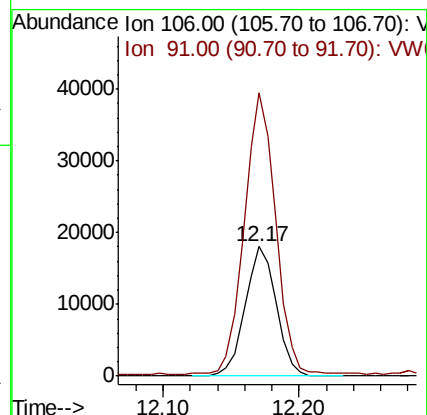
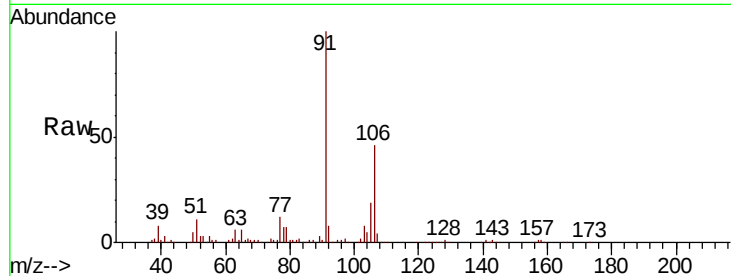




#69
o-Xylene
Concen: 15.351 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

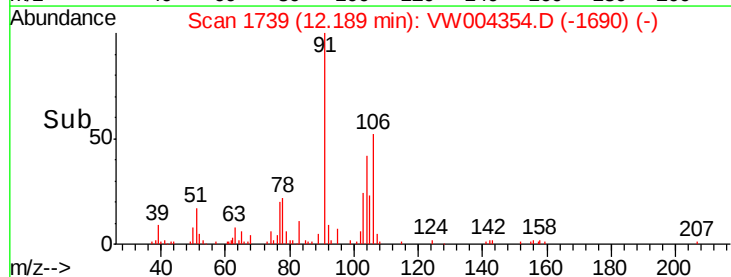
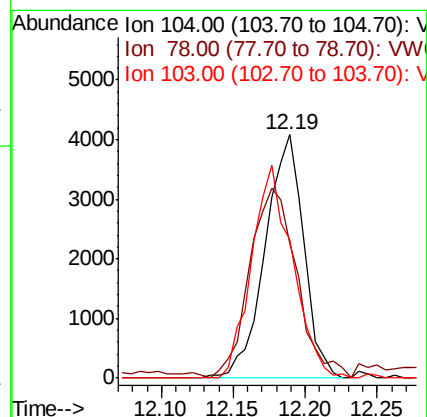
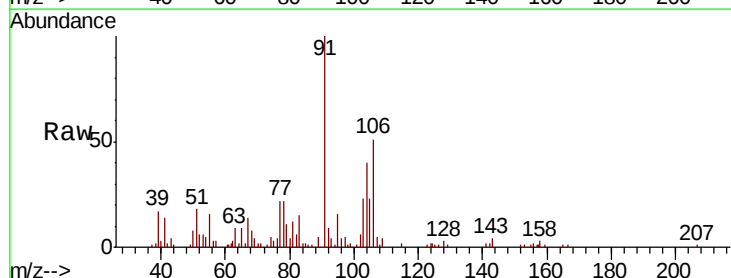
Instrument :
MSVOA_W
ClientSampled :

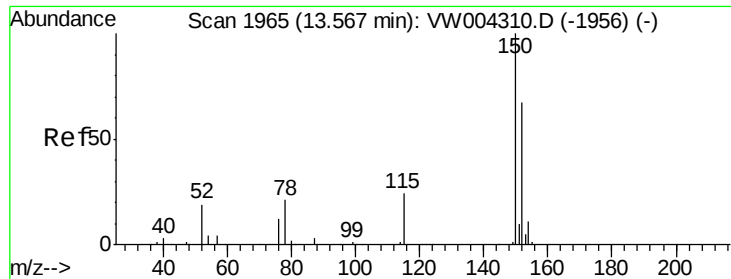
Tot Ion:106 Resp: 28937
Ion Ratio Lower Upper
106 100
91 217.4 108.7 326.1



#70
Styrene
Concen: 2.383 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

Tgt Ion:104 Resp: 7589
Ion Ratio Lower Upper
104 100
78 95.1 40.9 61.3#
103 92.2 45.0 67.6#



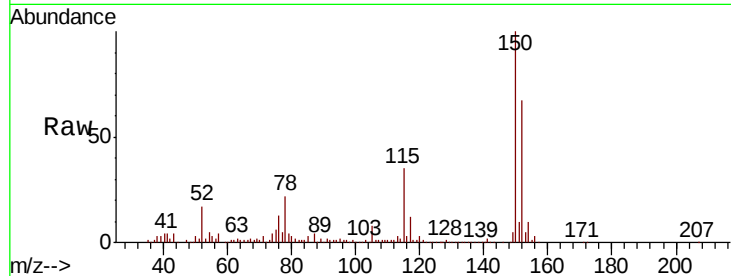


#72

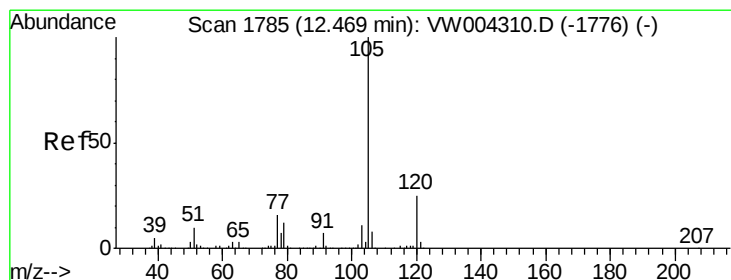
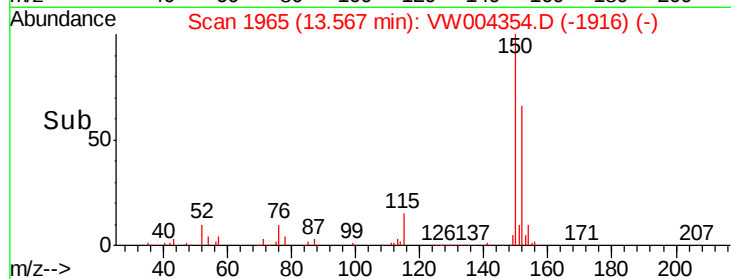
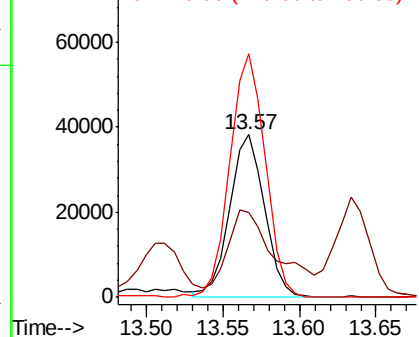
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 59854
Ion Ratio Lower Upper
152 100
115 61.8 28.8 86.4
150 152.0 0.0 346.4



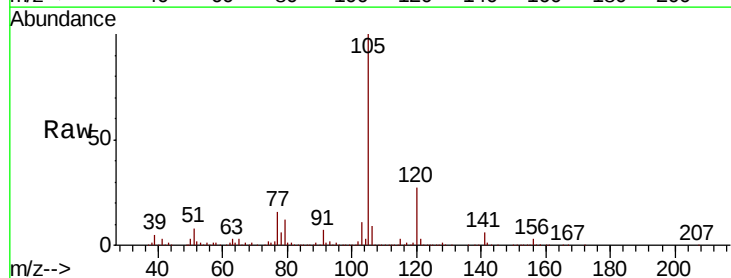
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



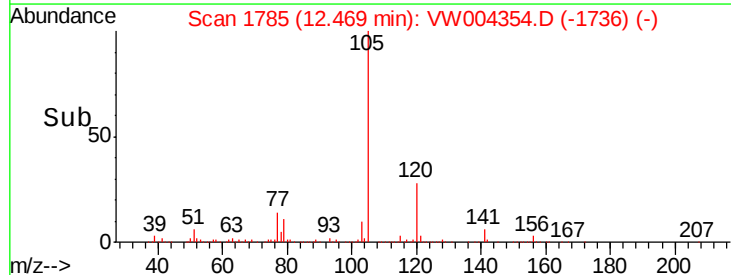
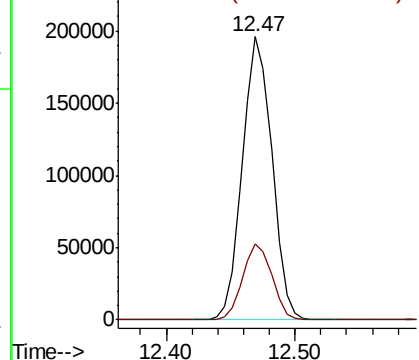
#73

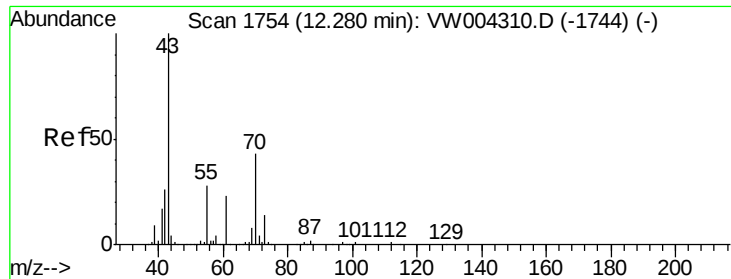
Isopropylbenzene
Concen: 74.974 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

Tgt Ion:105 Resp: 311161
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6



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





#74

N-amvl acetate

Concen: 3.661 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW004354.D

Acq: 30 Jul 2018 10:36

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 1843

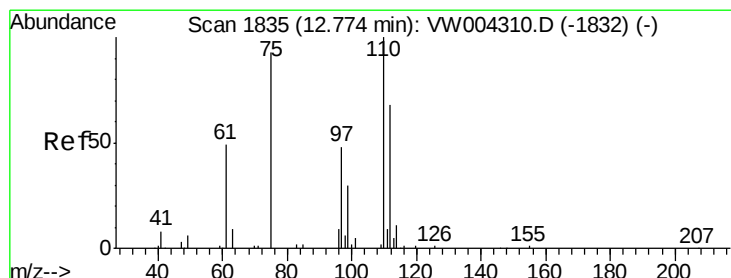
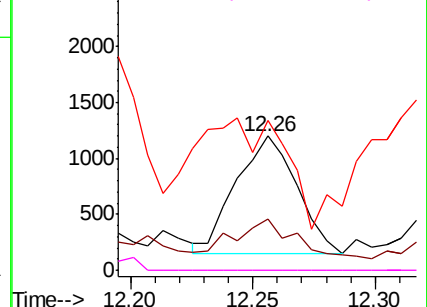
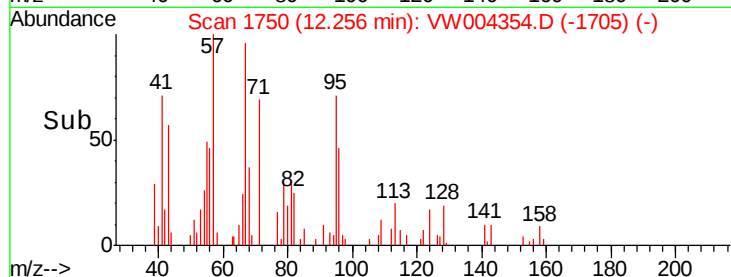
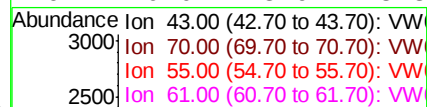
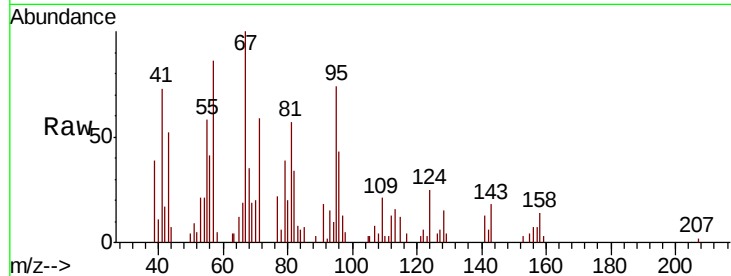
Ion Ratio Lower Upper

43 100

70 33.7 34.2 51.4#

55 137.9 21.8 32.8#

61 0.0 18.9 28.3#



#76

1,2,3-Trichloropropane

Concen: 1.964 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.04 min

Lab File: VW004354.D

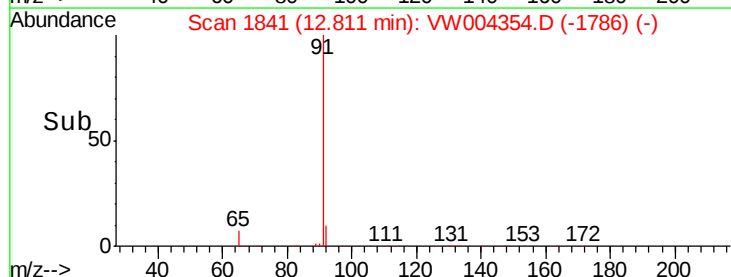
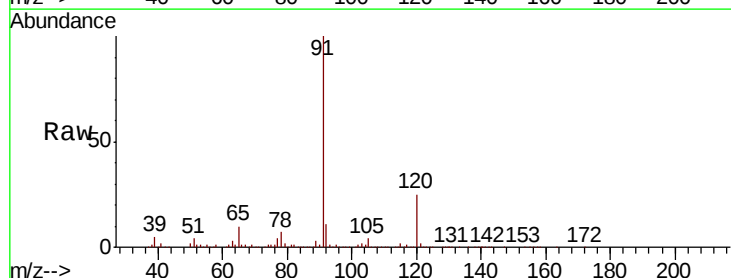
Acq: 30 Jul 2018 10:36

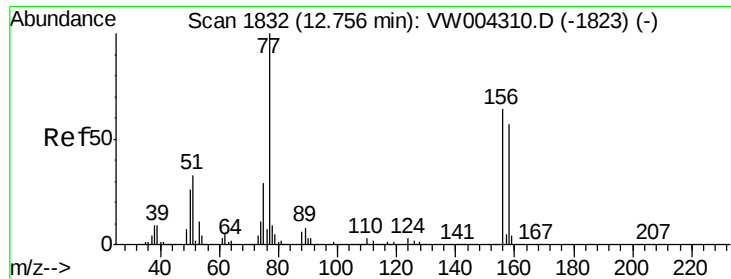
Tgt Ion: 75 Resp: 1073

Ion Ratio Lower Upper

75 100

77 639.7 0.0 0.0#

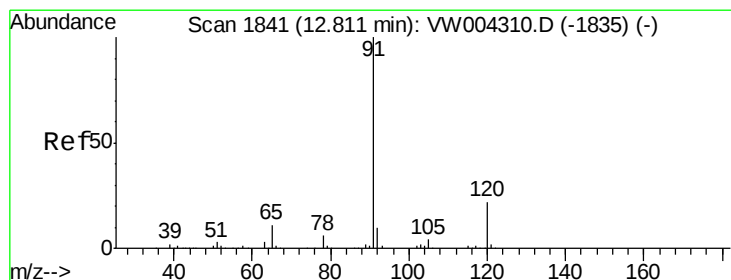
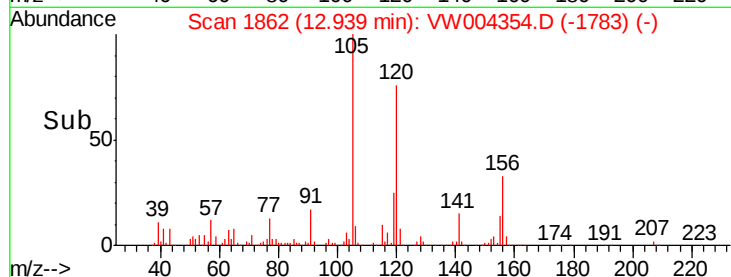
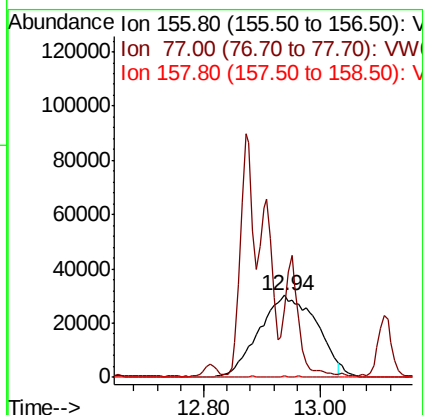
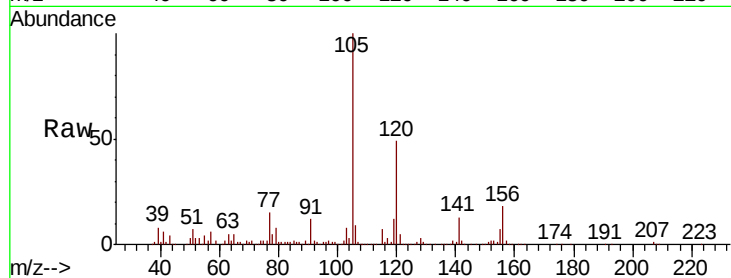




#77
Bromobenzene
Concen: 206.709 ug/l
RT: 12.94 min Scan# 1862
Delta R.T. 0.18 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

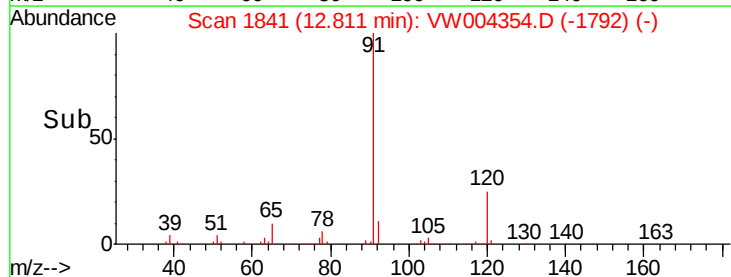
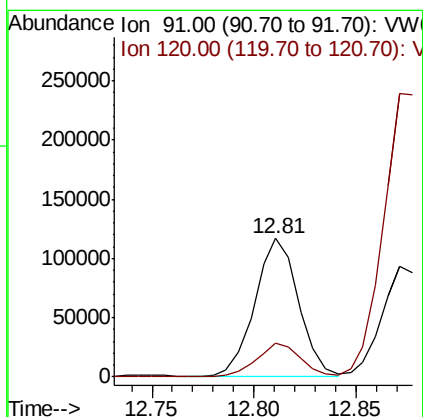
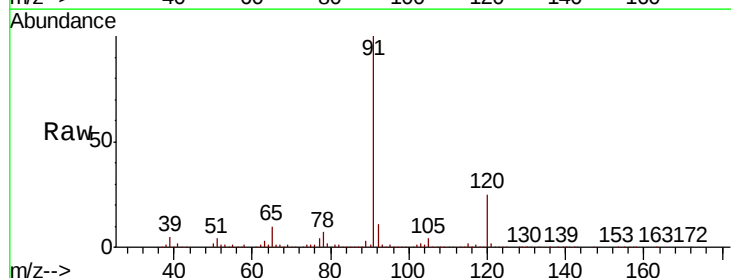
Instrument :
MSVOA_W
ClientSampled :

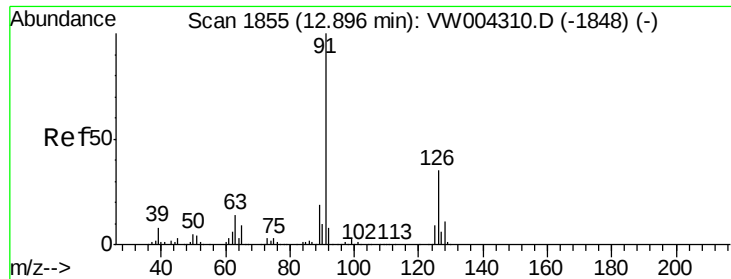
Tot Ion:156 Resp: 207284
Ion Ratio Lower Upper
156 100
77 34.7 92.9 278.7#
158 0.1 47.6 142.8#



#78
n-propylbenzene
Concen: 34.179 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004354.D
Acq: 30 Jul 2018 10:36

Tgt Ion: 91 Resp: 172808
Ion Ratio Lower Upper
91 100
120 24.8 11.3 33.8

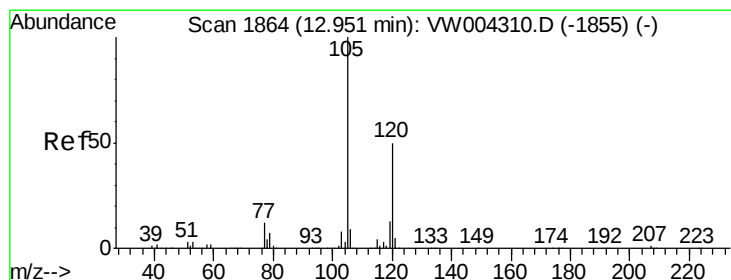
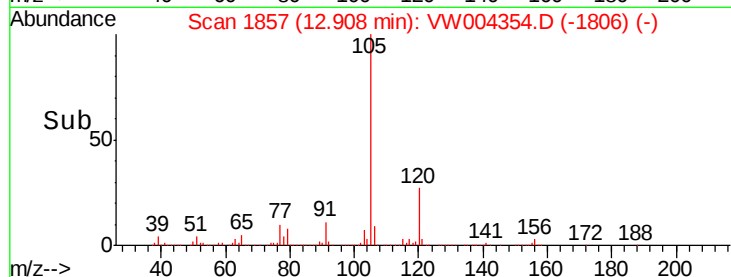
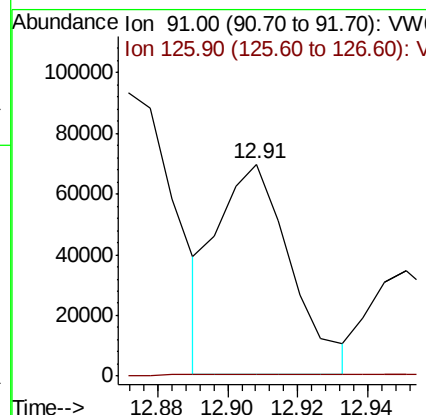
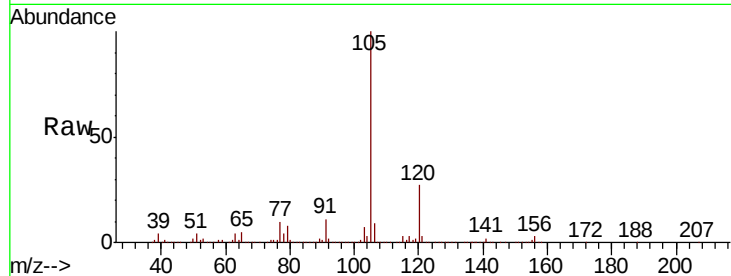




#79
 2-Chlorotoluene
 Concen: 34.687 ug/l
 RT: 12.91 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: VW004354.D
 Acq: 30 Jul 2018 10:36

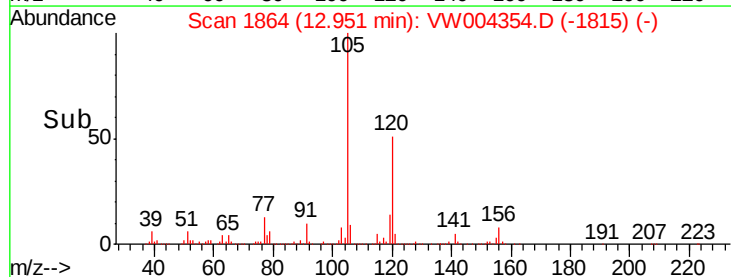
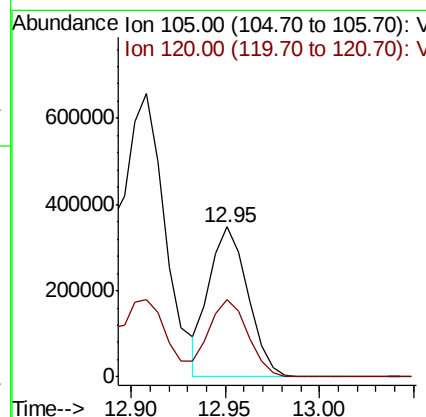
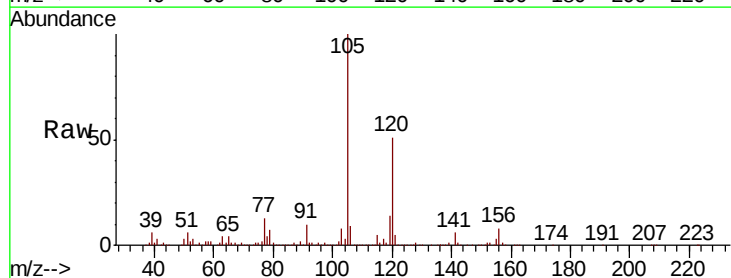
Instrument :
 MSVOA_W
 ClientSampled :

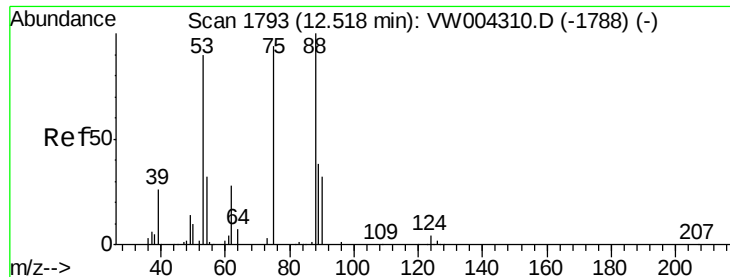
Tot Ion: 91 Resp: 100309
 Ion Ratio Lower Upper
 91 100
 126 1.9 17.1 51.2#



#80
 1,3,5-Trimethylbenzene
 Concen: 139.111 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004354.D
 Acq: 30 Jul 2018 10:36

Tgt Ion: 105 Resp: 497365
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 23.326 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.05 min

Lab File: VW004354.D

Acq: 30 Jul 2018 10:36

Instrument :

MSVOA_W

ClientSampleId :

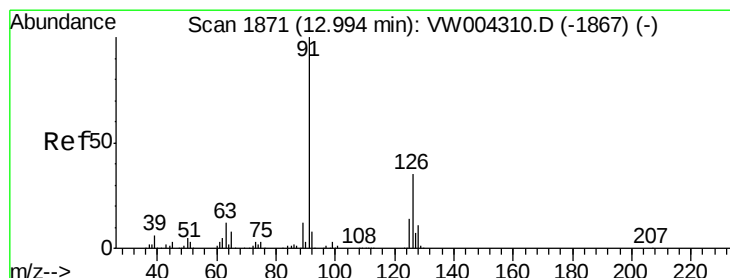
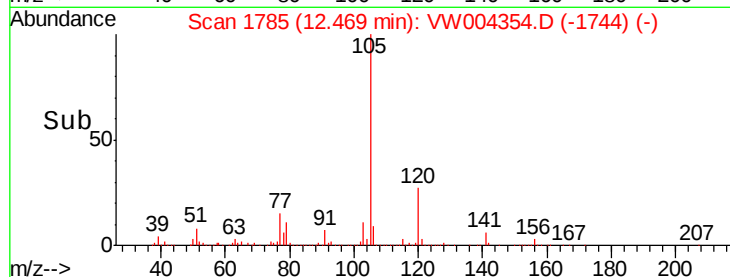
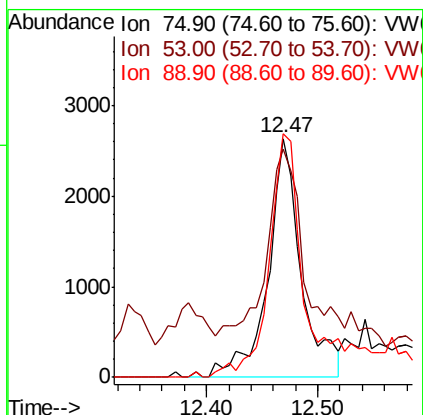
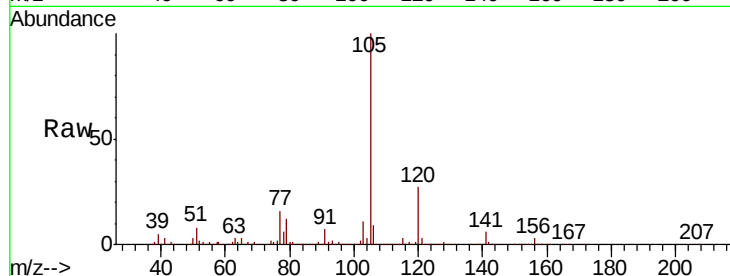
Tot Ion: 75 Resp: 5476

Ion Ratio Lower Upper

75 100

53 83.1 77.6 116.4

89 112.6 36.0 54.0#



#82

4-Chlorotoluene

Concen: 16.148 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.04 min

Lab File: VW004354.D

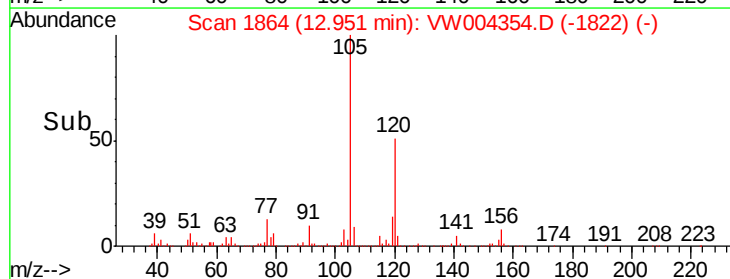
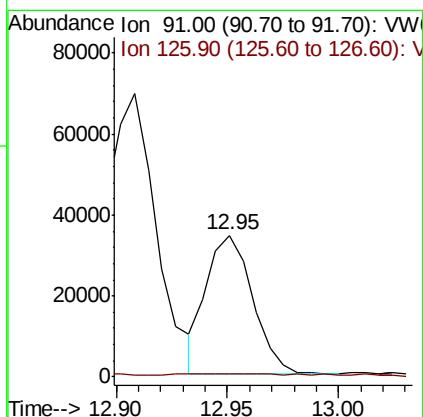
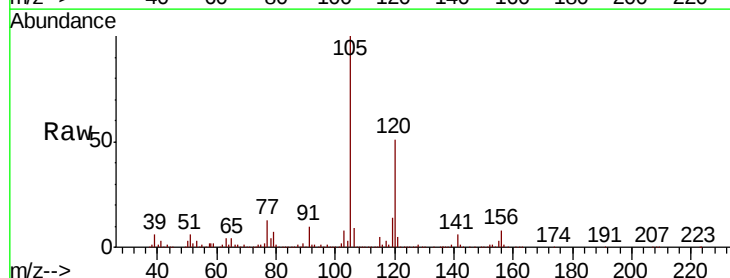
Acq: 30 Jul 2018 10:36

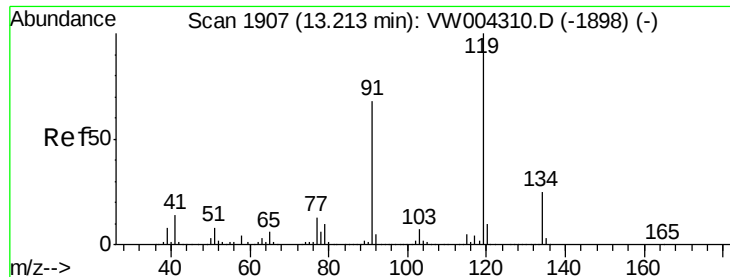
Tgt Ion: 91 Resp: 49415

Ion Ratio Lower Upper

91 100

126 0.4 17.4 52.3#





#83

tert-Butylbenzene

Concen: 26.801 ug/l

RT: 13.26 min Scan# 1915

Delta R.T. 0.05 min

Lab File: VW004354.D

Acq: 30 Jul 2018 10:36

Instrument :

MSVOA_W

ClientSampleId :

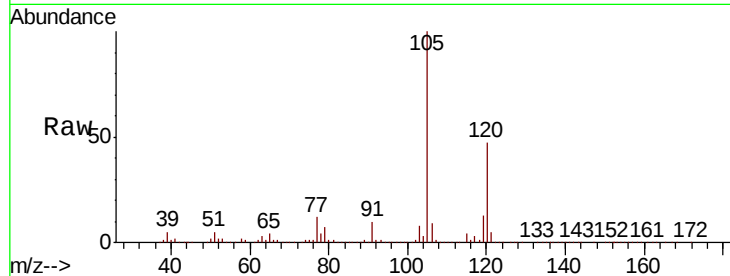
Tot Ion:119 Resp: 79828

Ion Ratio Lower Upper

119 100

91 80.1 32.8 98.3

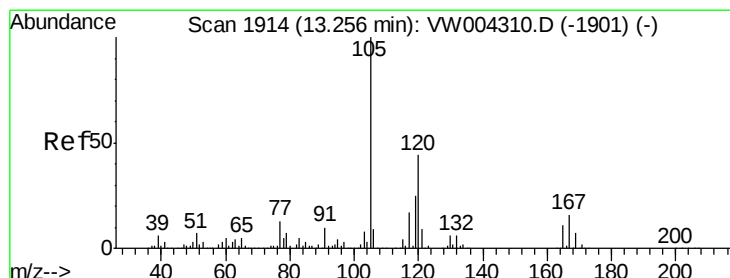
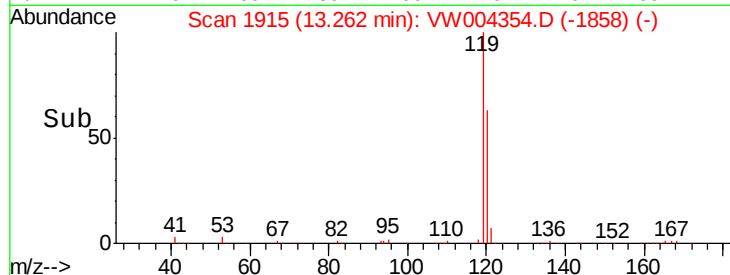
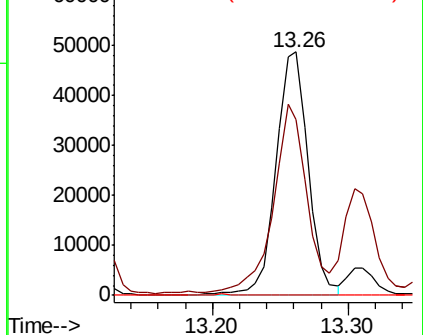
134 0.0 12.2 36.6#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 163.362 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. -0.00 min

Lab File: VW004354.D

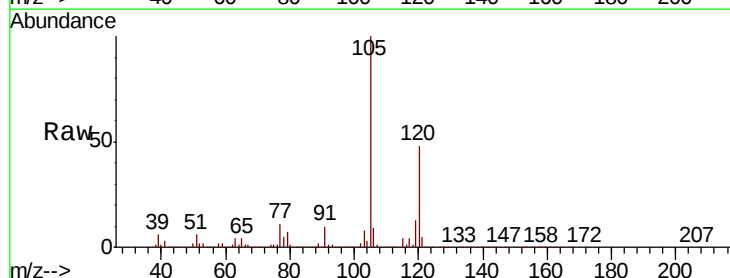
Acq: 30 Jul 2018 10:36

Tgt Ion:105 Resp: 595678

Ion Ratio Lower Upper

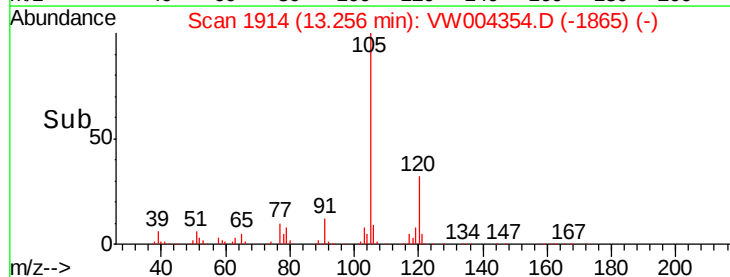
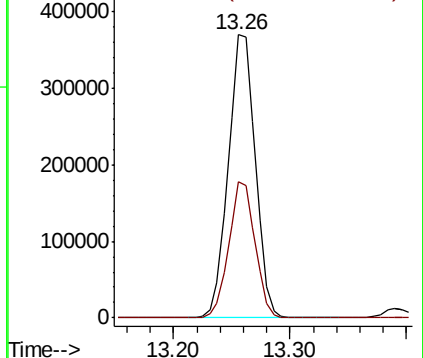
105 100

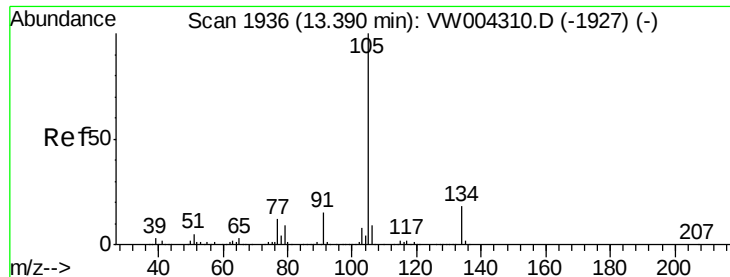
120 46.6 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.533 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004354.D

Acq: 30 Jul 2018 10:36

Instrument :

MSVOA_W

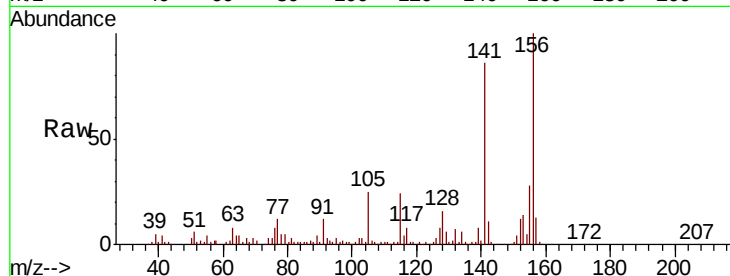
ClientSampleId :

Tot Ion:105 Resp: 19724

Ion Ratio Lower Upper

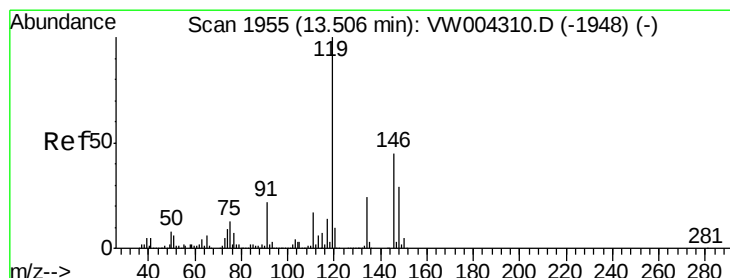
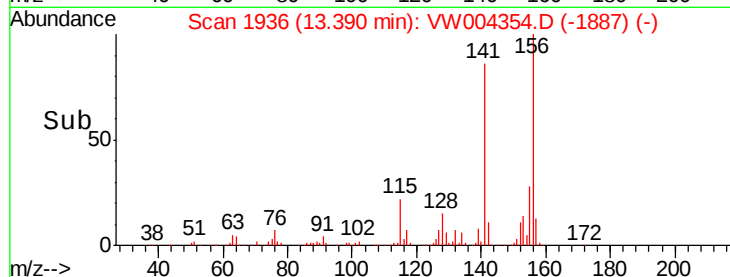
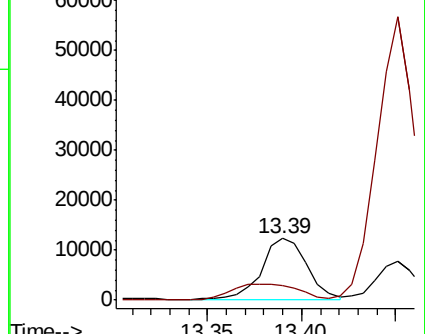
105 100

134 41.1 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 43.548 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004354.D

Acq: 30 Jul 2018 10:36

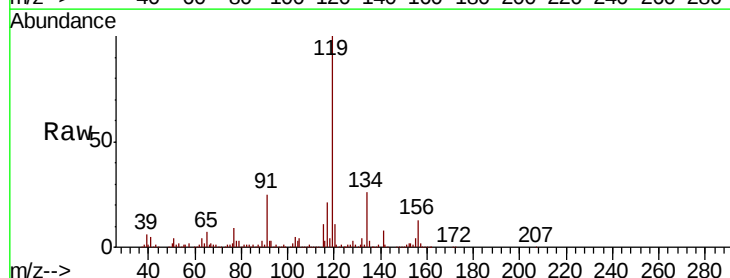
Tgt Ion:119 Resp: 170169

Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.8

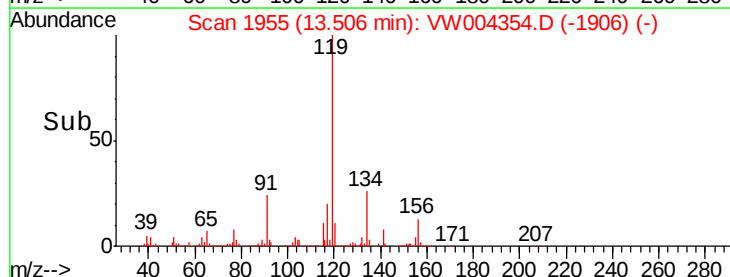
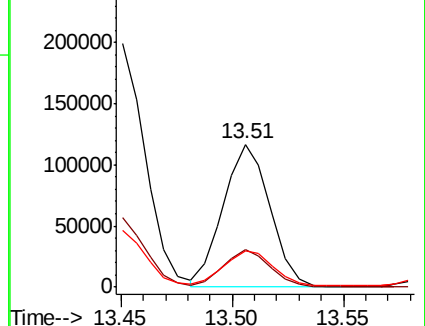
91 25.9 11.3 33.9

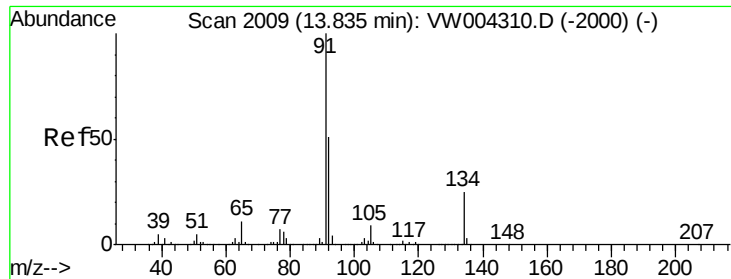


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VV





#89

n-Butylbenzene

Concen: 99.977 ug/l

RT: 13.80 min Scan# 2003

Delta R.T. -0.04 min

Lab File: VW004354.D

Acq: 30 Jul 2018 10:36

Instrument :

MSVOA_W

ClientSampleId :

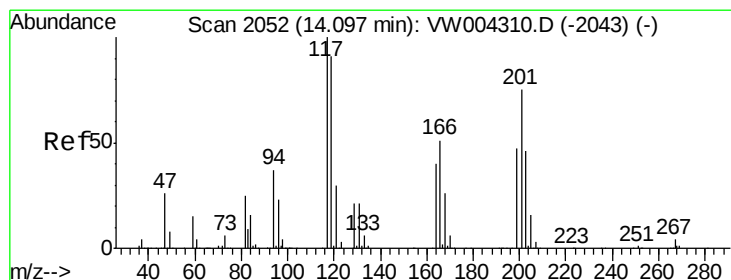
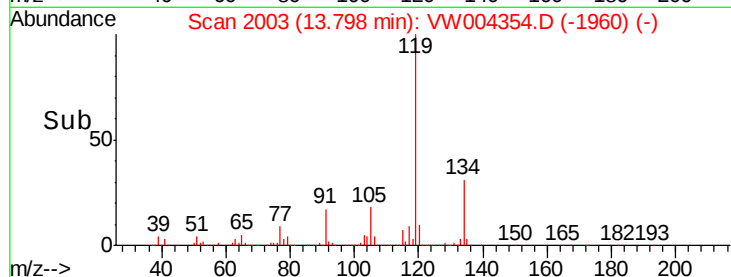
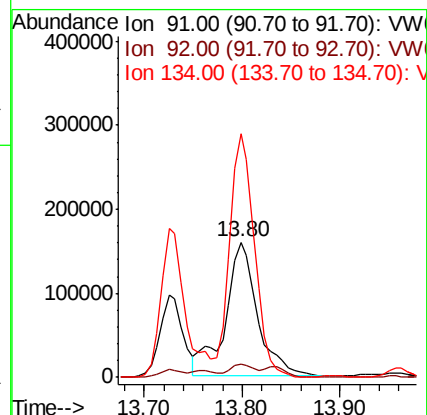
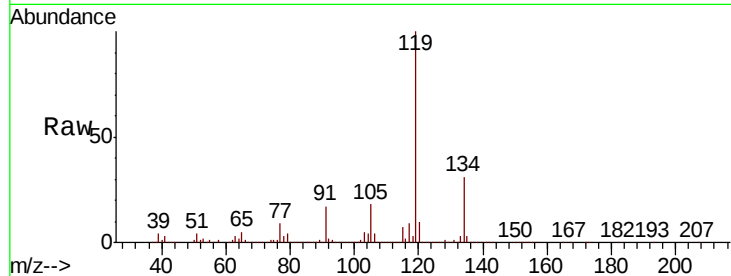
Tot Ion: 91 Resp: 364805

Ion Ratio Lower Upper

91 100

92 4.9 26.4 79.2#

134 139.9 12.9 38.6#



#90

Hexachloroethane

Concen: 159.041 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW004354.D

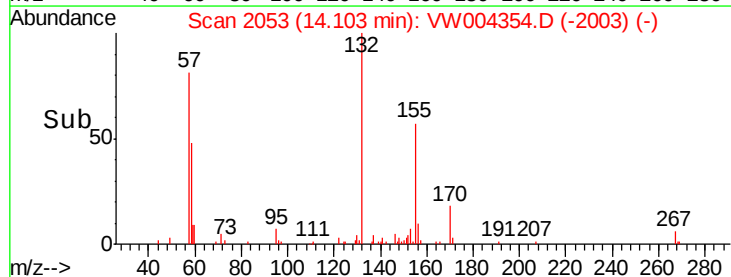
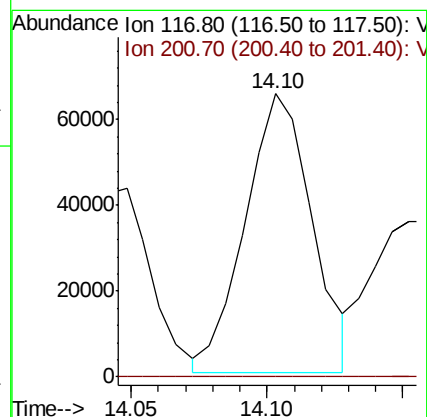
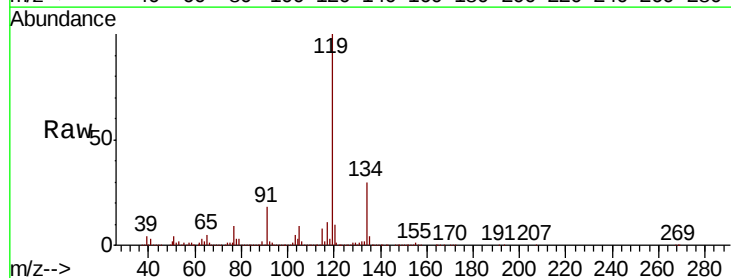
Acq: 30 Jul 2018 10:36

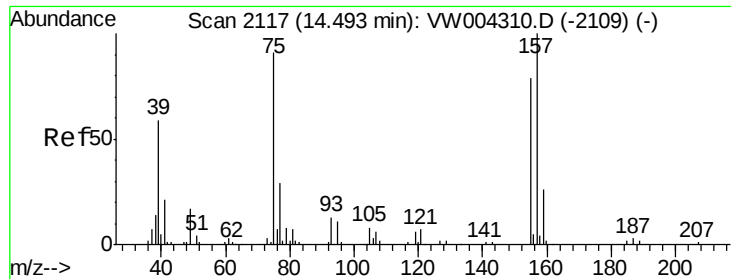
Tgt Ion: 117 Resp: 110842

Ion Ratio Lower Upper

117 100

201 0.0 41.5 124.5#

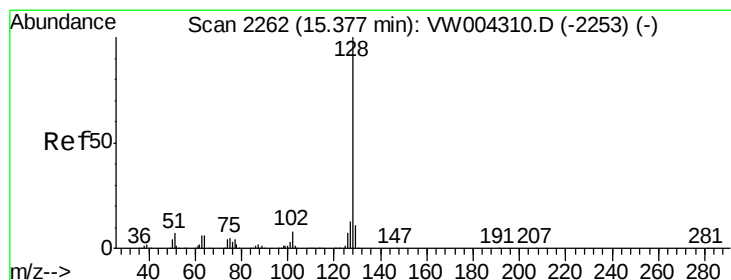
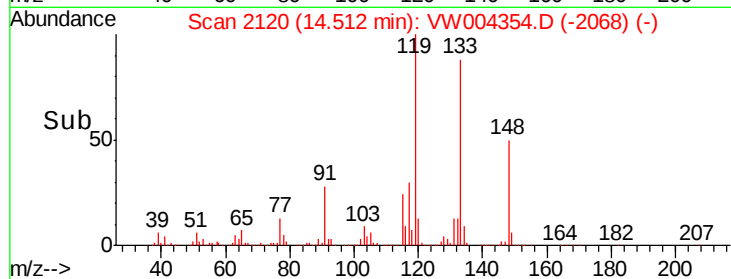
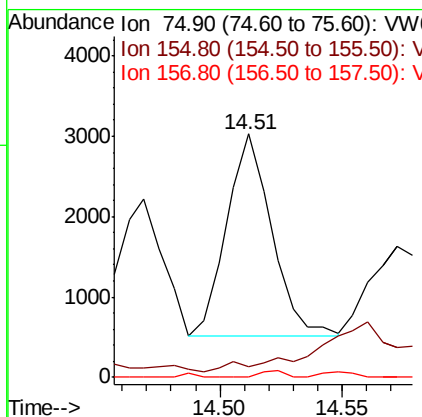
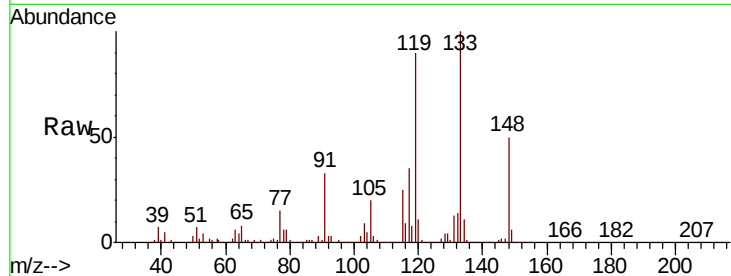




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.097 ug/l
 RT: 14.51 min Scan# 2120
 Delta R.T. 0.02 min
 Lab File: VW004354.D
 Acq: 30 Jul 2018 10:36

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 3185
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.4 124.4#
 157 0.0 55.2 165.6#



#95
 Naphthalene
 Concen: 792.748 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VW004354.D
 Acq: 30 Jul 2018 10:36

Tgt Ion:128 Resp: 1720532
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.4 15.6
 129 12.4 8.6 13.0

