

Data File : VW003521.D
Acq On : 24 Jun 2018 19:49
Operator : SY/AP
Sample : J3669-23
Misc : 6.50G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-27-29-180620

Quant Time: Jun 24 23:31:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	308169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	177018	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116829	58.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.82%	
35) Dibromofluoromethane	7.88	113	101897	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	10.33	98	393445	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	167654	62.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.78%	

Target Compounds						Qvalue
4) Vinyl Chloride	2.36	62	1150916	559.694	ug/l	98
11) Tert butyl alcohol	5.24	59	1372	12.790	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	98854	59.135	ug/l	95
16) Acetone	4.14	43	14292	34.069	ug/l	96
17) Carbon Disulfide	4.37	76	85565	17.313	ug/l	97
18) Methyl Acetate	4.68	43	1146	1.152	ug/l #	67
20) Methylene Chloride	4.91	84	17636	6.719	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	31801	17.480	ug/l	96
24) 1,1-Dichloroethane	6.21	63	18950	5.477	ug/l	99
25) 2-Butanone	7.17	43	4432	8.496	ug/l #	1
27) cis-1,2-Dichloroethene	7.16	96	25226971	12622.404	ug/l #	15
29) Tetrahydrofuran	7.56	42	1462	4.586	ug/l #	67
30) Chloroform	7.68	83	13329	3.782	ug/l	99
31) Cyclohexane	7.95	56	27697	8.569	ug/l #	90
36) 1,1-Dichloropropene	7.95	75	15293	5.139	ug/l #	53
38) Carbon Tetrachloride	7.95	117	18170	6.224	ug/l #	16
39) Methylcyclohexane	9.34	83	63348	18.396	ug/l	91
40) Benzene	8.32	78	81427	9.926	ug/l	99
43) Isopropyl Acetate	8.48	43	139944	57.163	ug/l #	53
44) Trichloroethene	9.09	130	20112995	9252.738	ug/l	99
45) 1,2-Dichloropropane	9.09	63	63951	30.617	ug/l #	1
47) Bromodichloromethane	9.76	83	3792	1.383	ug/l #	37
48) Methyl methacrylate	9.47	41	18035	15.676	ug/l #	27
49) 1,4-Dioxane	9.46	88	43	2.663	ug/l #	1
51) 4-Methyl-2-Pentanone	10.26	43	22660	18.165	ug/l #	85
52) Toluene	10.39	92	23845	4.533	ug/l	100
55) 1,1,2-Trichloroethane	10.77	97	25780	17.108	ug/l #	42
56) Ethyl methacrylate	10.67	69	5285	2.888	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.76	63	1160	1.414	ug/l	97
59) 2-Hexanone	10.94	43	24494	28.107	ug/l #	36
64) Tetrachloroethene	10.87	164	5746	2.980	ug/l	89
65) Chlorobenzene	11.66	112	238737	39.770	ug/l	100
67) Ethyl Benzene	11.74	91	17290	1.625	ug/l	92
71) Bromoform	12.37	173	2401	2.196	ug/l #	28

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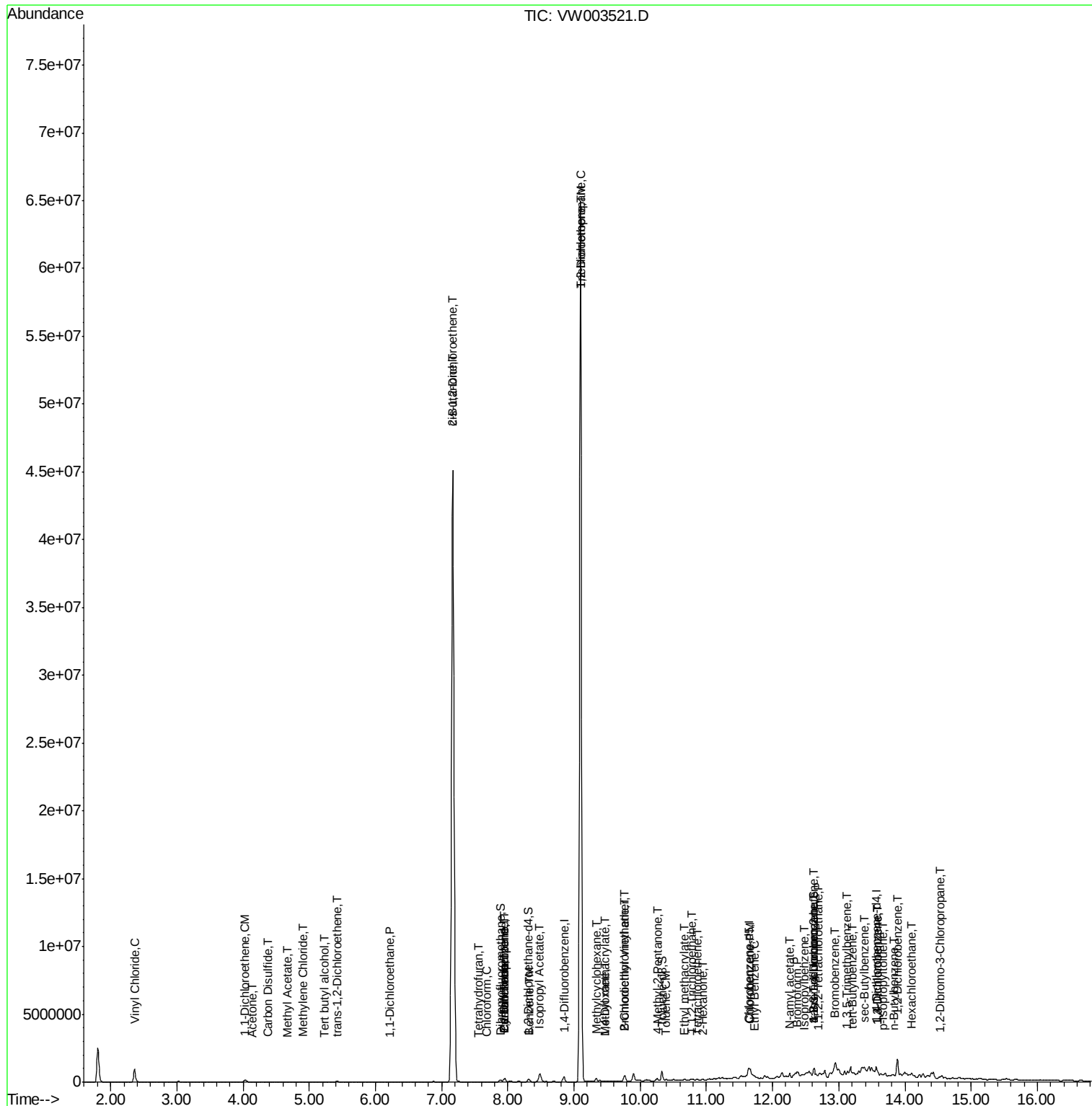
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	12.48	105	27530	2.236	ug/l	80
74) N-amyl acetate	12.26	43	80777	28.824	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.68	83	6373	3.060	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	81254	53.693	ug/l #	100
77) Bromobenzene	12.94	156	270789	94.437	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.12	105	17341	1.678	ug/l	73
81) trans-1,4-Dichloro-2-buten	12.62	75	81254	123.551	ug/l #	12
83) tert-Butylbenzene	13.21	119	52044	5.909	ug/l	80
85) sec-Butylbenzene	13.39	105	70716	5.402	ug/l #	42
86) p-Isopropyltoluene	13.66	119	38225	3.311	ug/l	88
87) 1,3-Dichlorobenzene	13.58	146	68358	11.605	ug/l	89
88) 1,4-Dichlorobenzene	13.58	146	68358	11.673	ug/l	88
89) n-Butylbenzene	13.83	91	18060	1.605	ug/l #	83
90) Hexachloroethane	14.10	117	6748	3.231	ug/l #	11
91) 1,2-Dichlorobenzene	13.88	146	168757	32.706	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.53	75	546	1.558	ug/l #	4

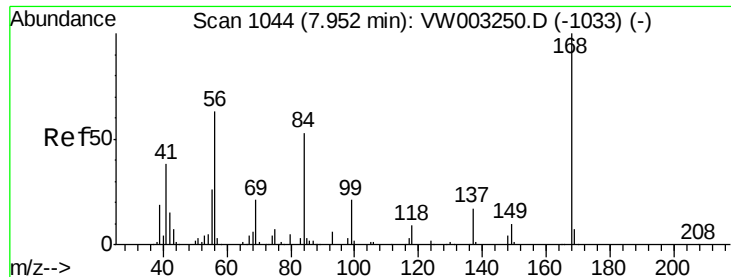
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

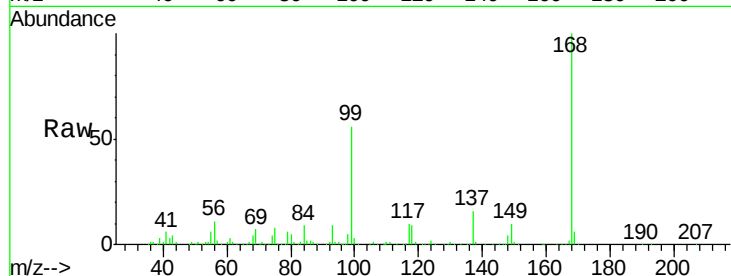
WP021SB479-27-29-180620

Tgt Ion:168 Resp: 184666

Ion Ratio Lower Upper

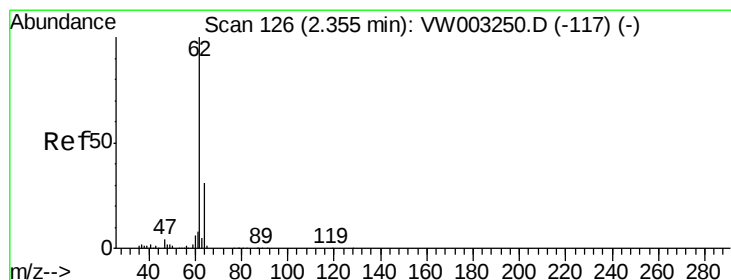
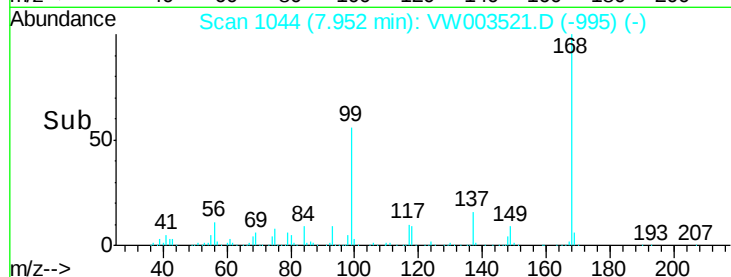
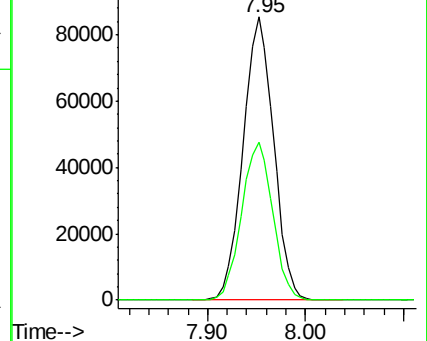
168 100

99 55.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#4

Vinyl Chloride

Concen: 559.694 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003521.D

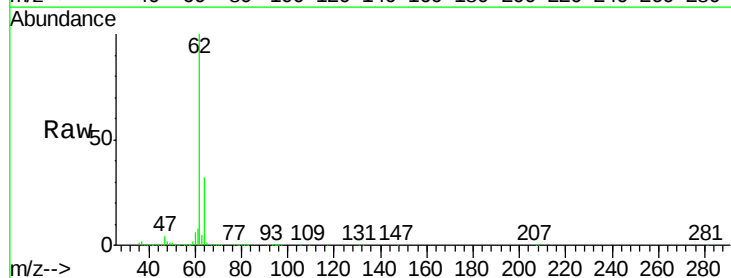
Acq: 24 Jun 2018 19:49

Tgt Ion: 62 Resp: 1150916

Ion Ratio Lower Upper

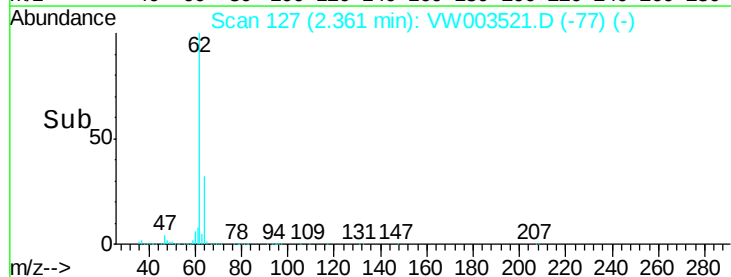
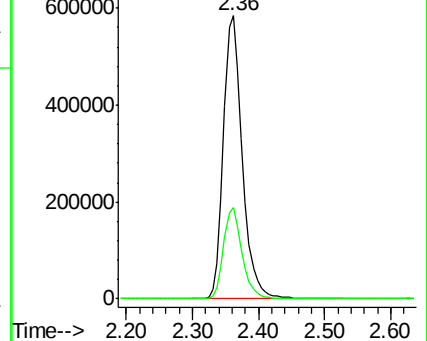
62 100

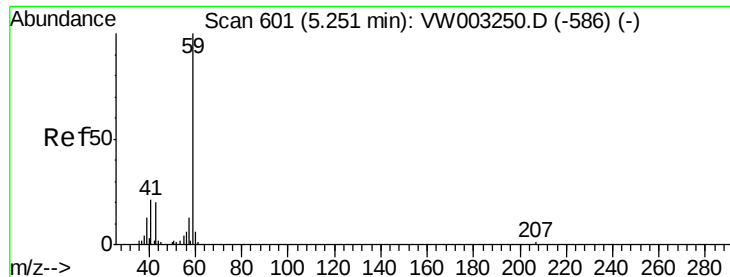
64 32.4 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

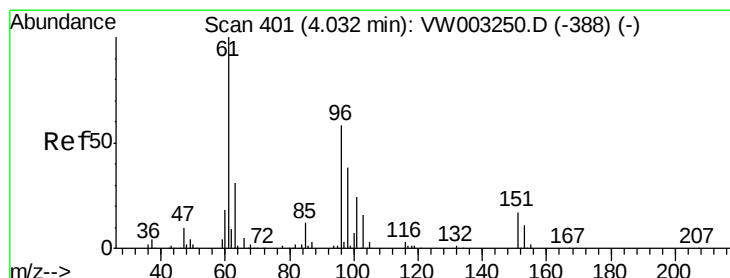
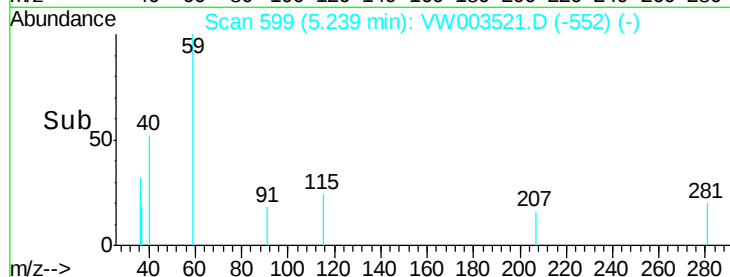
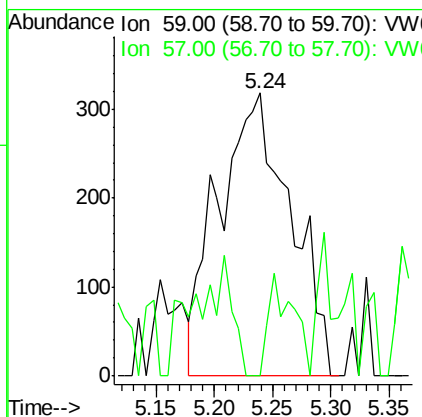
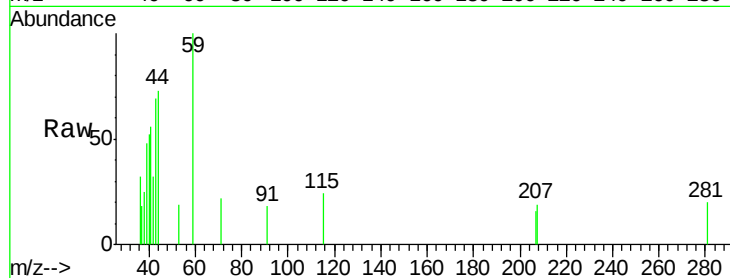




#11
Tert butyl alcohol
Concen: 12.790 ug/l
RT: 5.24 min Scan# 599
Delta R.T. -0.01 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

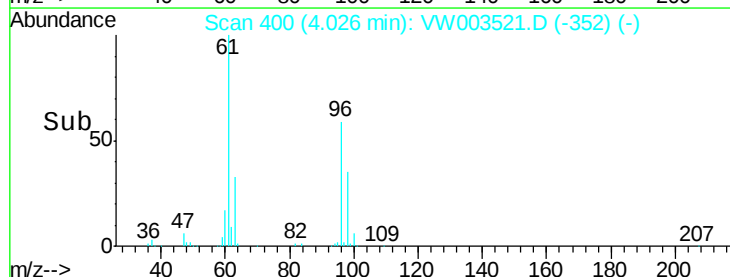
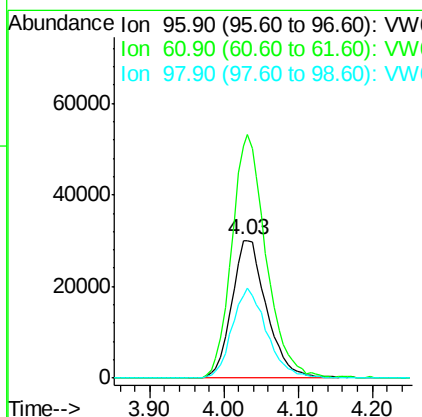
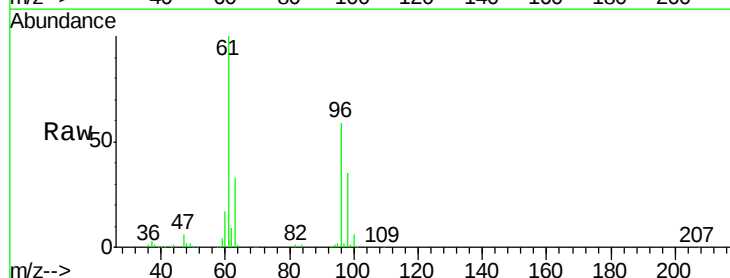
Instrument :
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WP021SB479-27-29-180620

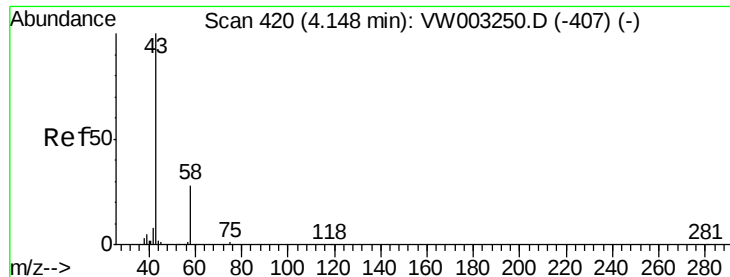
Tgt Ion: 59 Resp: 1372
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#



#12
1,1-Dichloroethene
Concen: 59.135 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

Tgt Ion: 96 Resp: 98854
Ion Ratio Lower Upper
96 100
61 169.0 139.0 208.4
98 59.5 53.3 79.9





#16

Acetone

Concen: 34.069 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

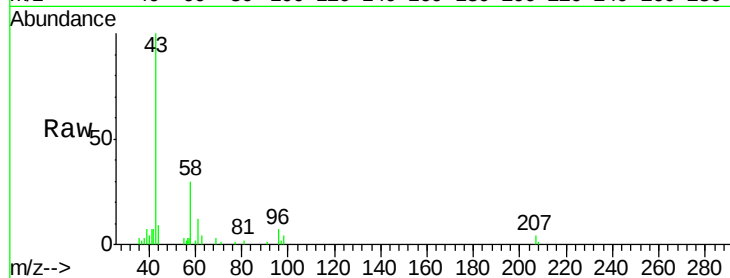
WP021SB479-27-29-180620

Tgt Ion: 43 Resp: 14292

Ion Ratio Lower Upper

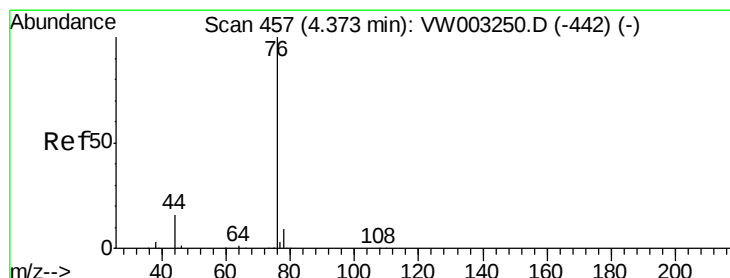
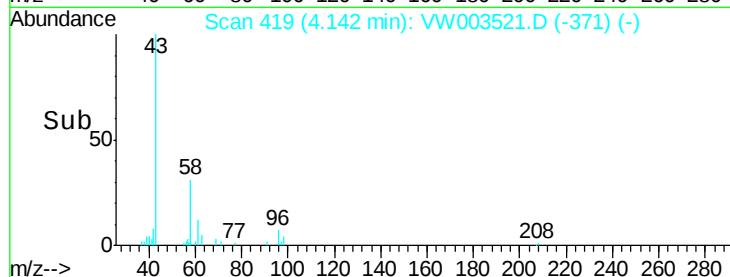
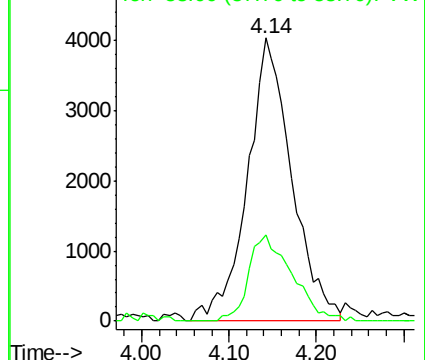
43 100

58 30.5 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 17.313 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003521.D

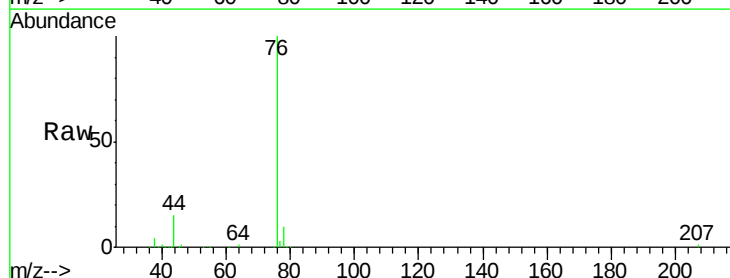
Acq: 24 Jun 2018 19:49

Tgt Ion: 76 Resp: 85565

Ion Ratio Lower Upper

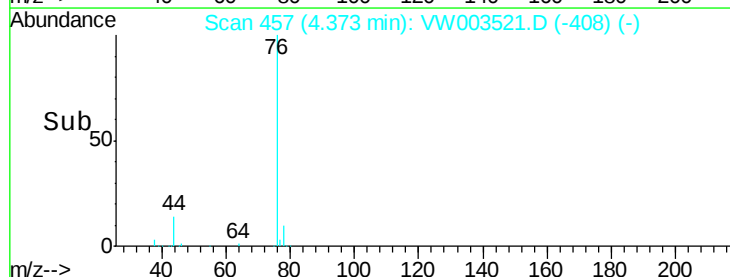
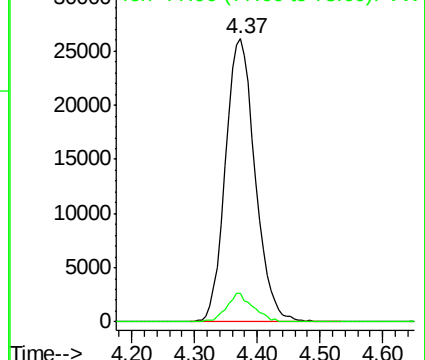
76 100

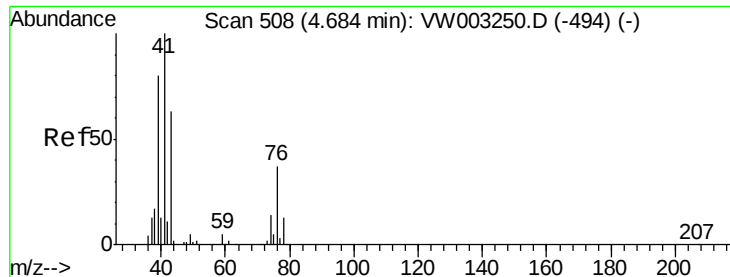
78 10.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

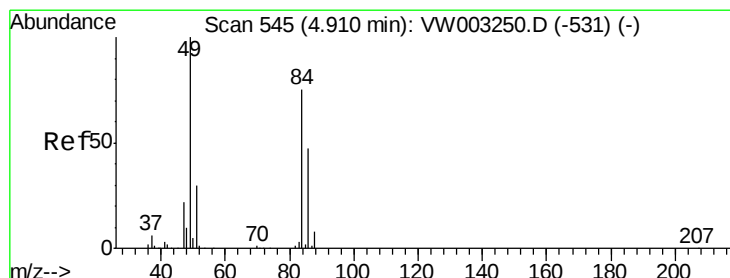
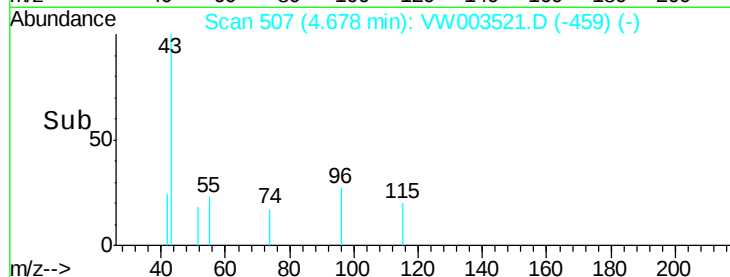
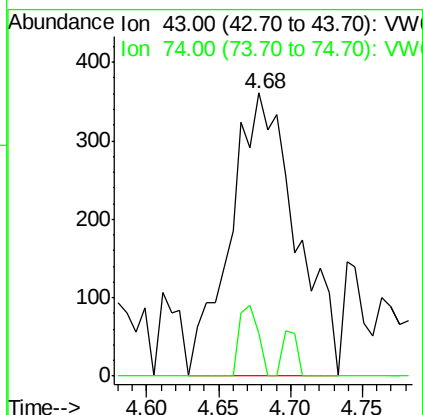
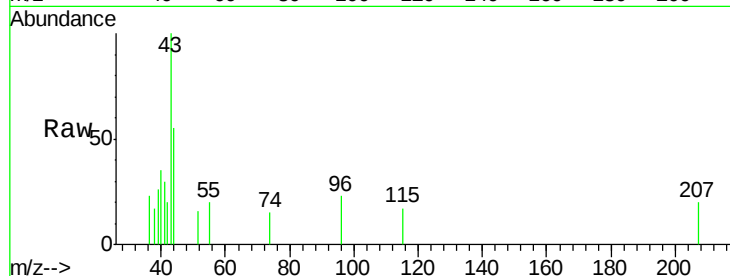




#18
Methyl Acetate
Concen: 1.152 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

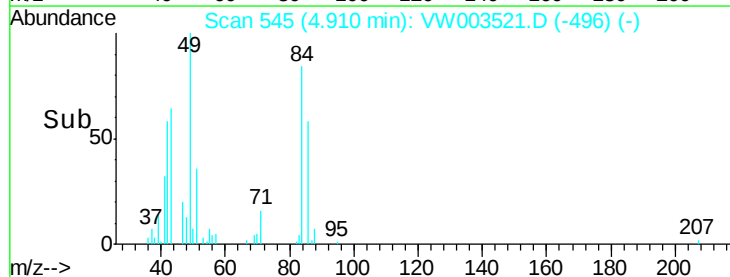
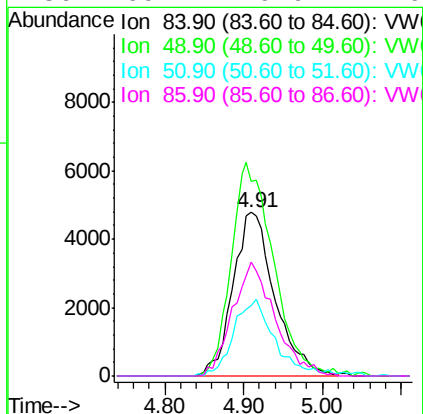
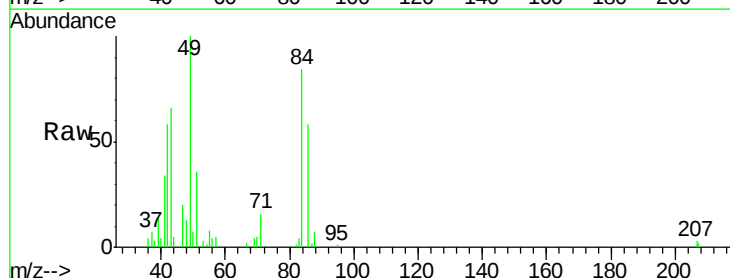
Instrument :
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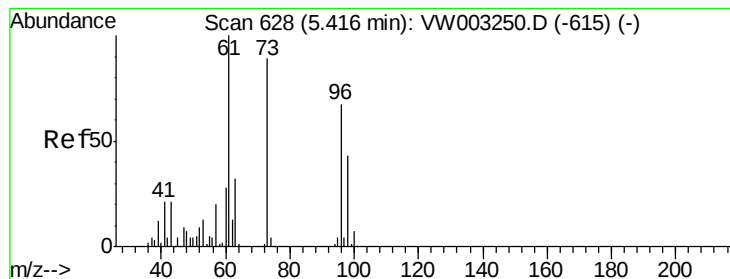
Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
74 7.2 18.7 28.1#



#20
Methylene Chloride
Concen: 6.719 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

Tgt Ion: 84 Resp: 17636
Ion Ratio Lower Upper
84 100
49 118.8 106.3 159.5
51 42.8 32.0 48.0
86 69.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.480 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Instrument :

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ClientSampleId :

WP021SB479-27-29-180620

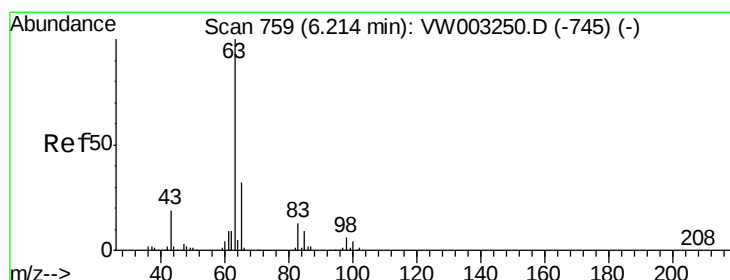
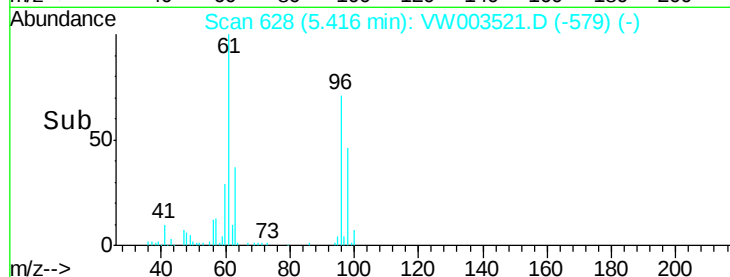
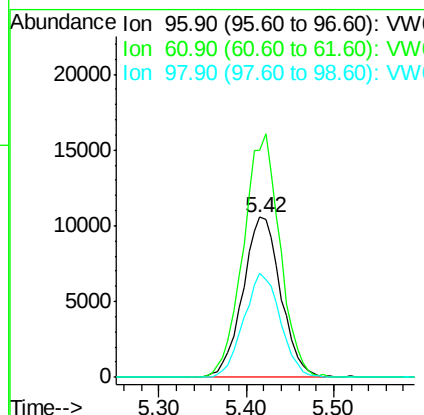
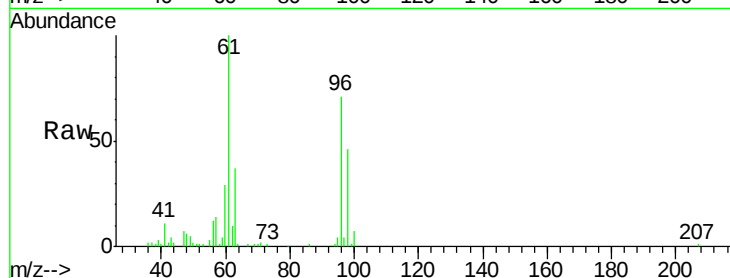
Tgt Ion: 96 Resp: 31801

Ion Ratio Lower Upper

96 100

61 141.7 118.7 178.1

98 64.9 51.0 76.6



#24

1,1-Dichloroethane

Concen: 5.477 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

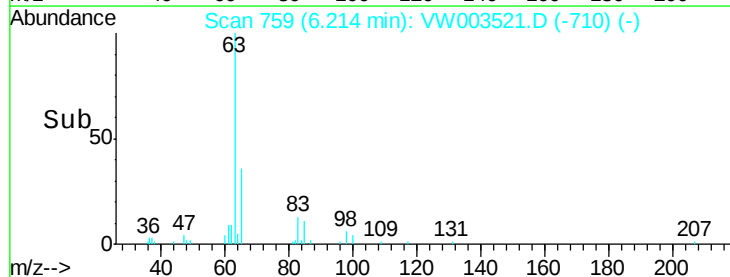
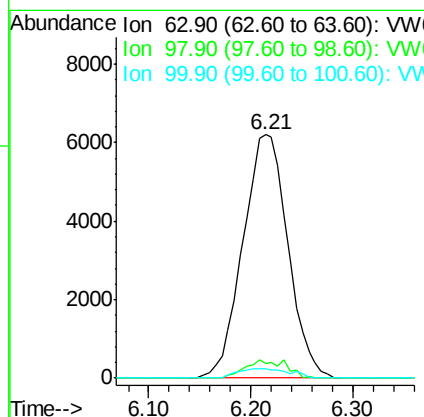
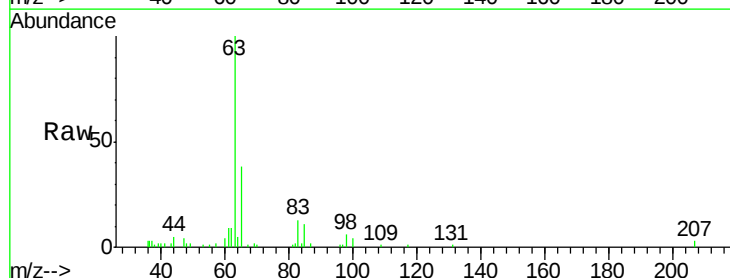
Tgt Ion: 63 Resp: 18950

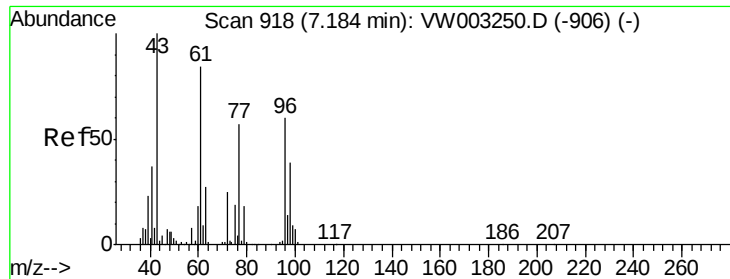
Ion Ratio Lower Upper

63 100

98 5.8 2.8 8.3

100 3.7 2.1 6.5





#25

2-Butanone

Concen: 8.496 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW003521.D

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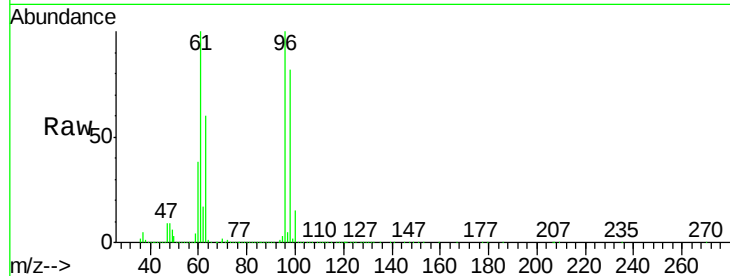
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Tgt Ion: 43 Resp: 4432

Ion Ratio Lower Upper

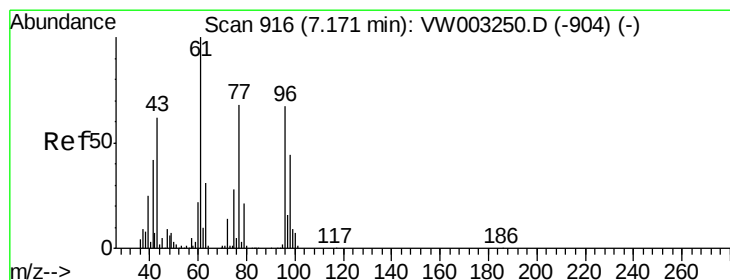
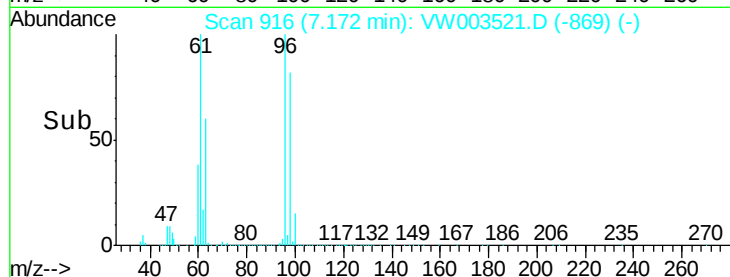
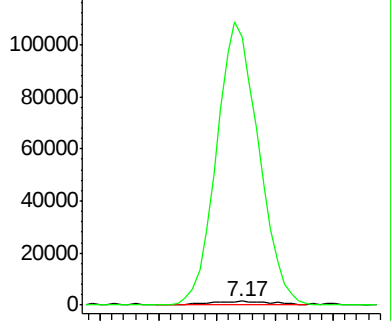
43 100

72 7987.6 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#27

cis-1,2-Dichloroethene

Concen: 12622.404 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

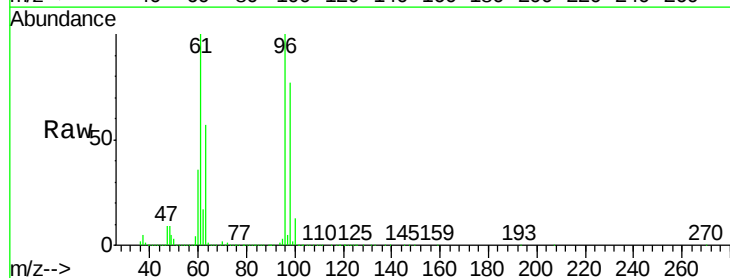
Tgt Ion: 96 Resp: 25226971

Ion Ratio Lower Upper

96 100

61 0.0 0.0 298.8

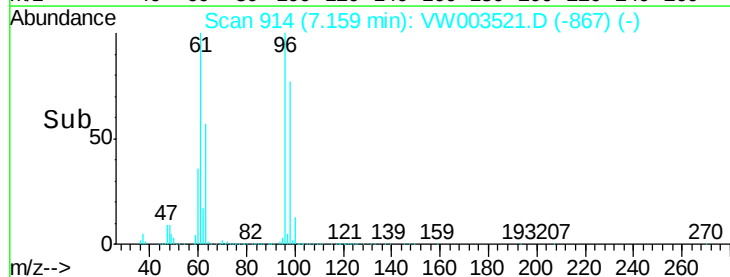
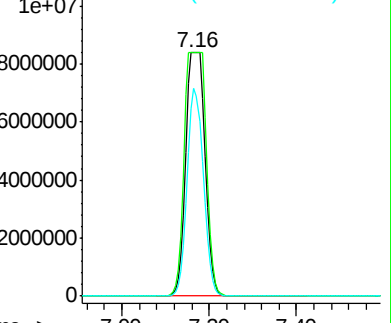
98 72.4 0.0 130.4

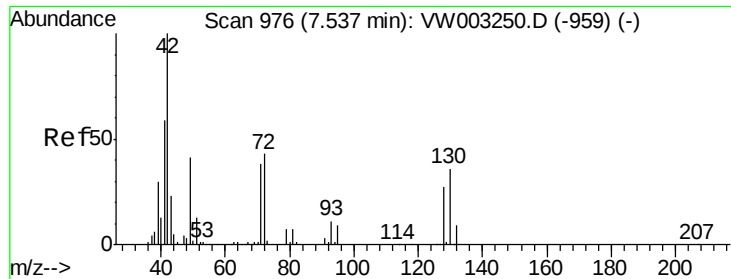


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

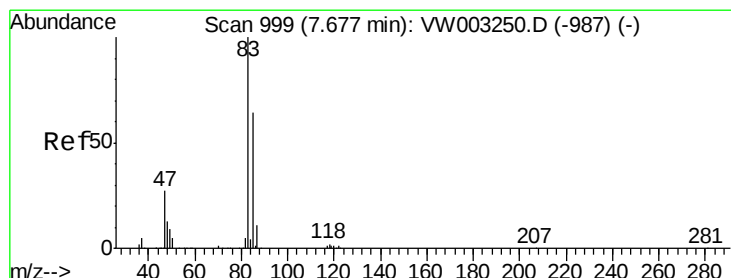
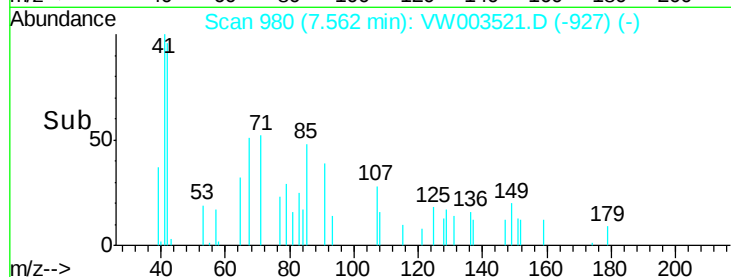
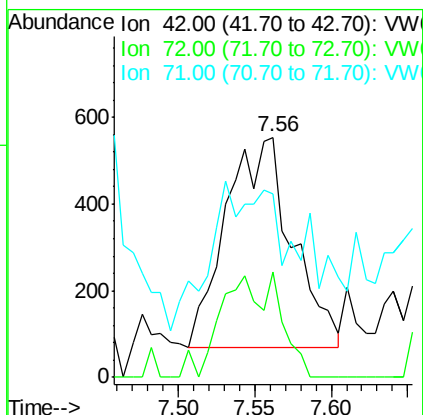
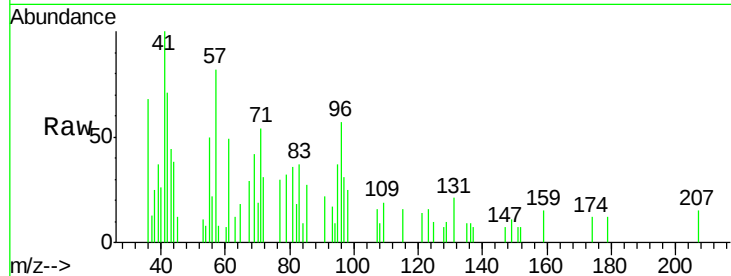




#29
Tetrahydrofuran
Concen: 4.586 ug/l
RT: 7.56 min Scan# 980
Delta R.T. 0.02 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

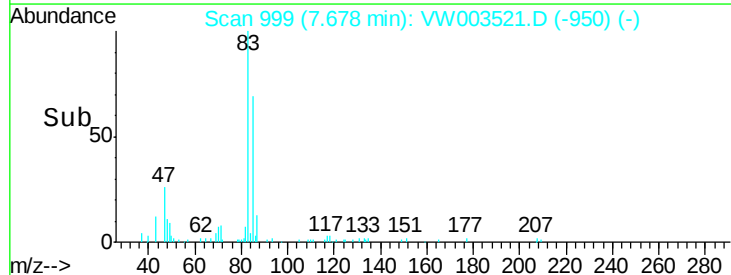
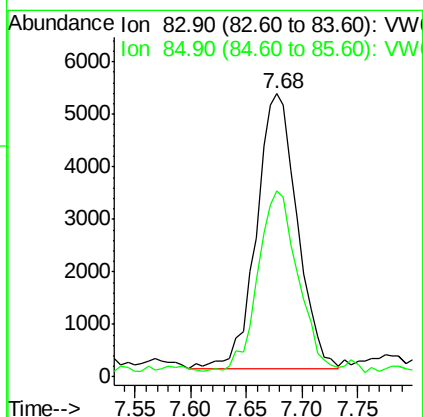
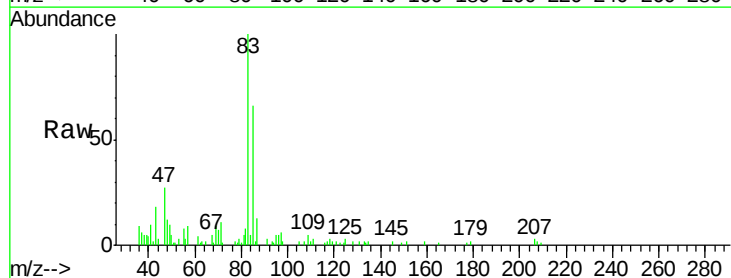
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-27-29-180620

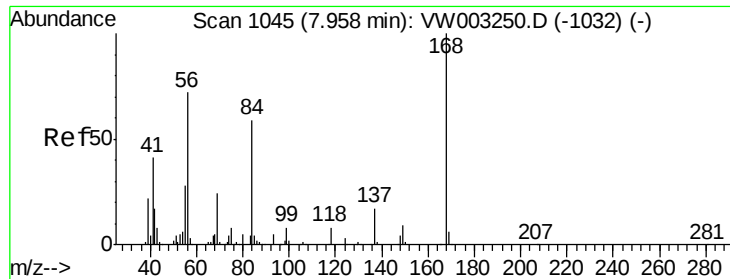
Tgt Ion: 42 Resp: 1462
Ion Ratio Lower Upper
42 100
72 42.9 32.4 48.6
71 0.0 31.2 46.8#



#30
Chloroform
Concen: 3.782 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

Tgt Ion: 83 Resp: 13329
Ion Ratio Lower Upper
83 100
85 64.8 51.3 76.9

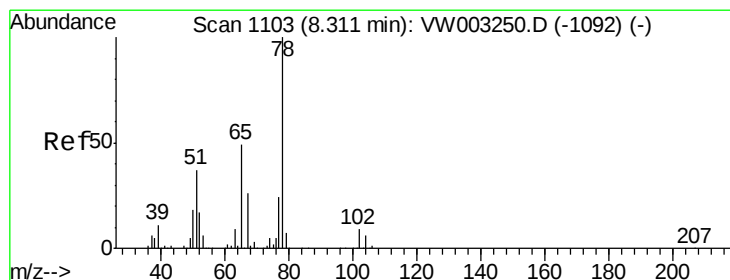
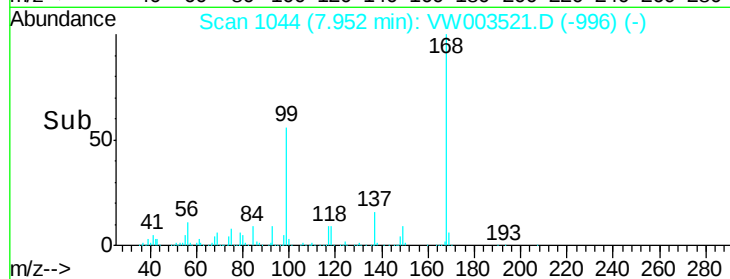
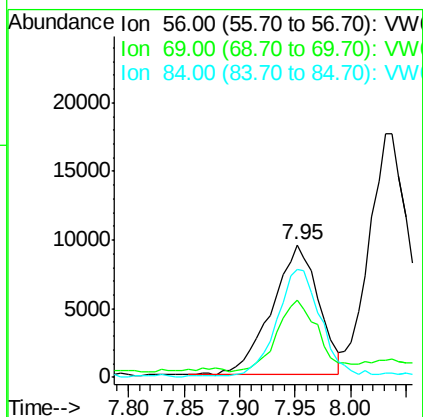
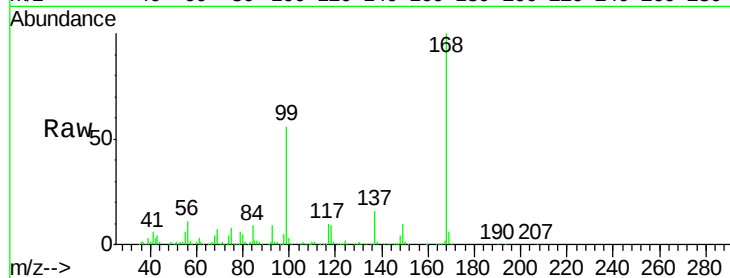




#31
Cyclohexane
Concen: 8.569 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

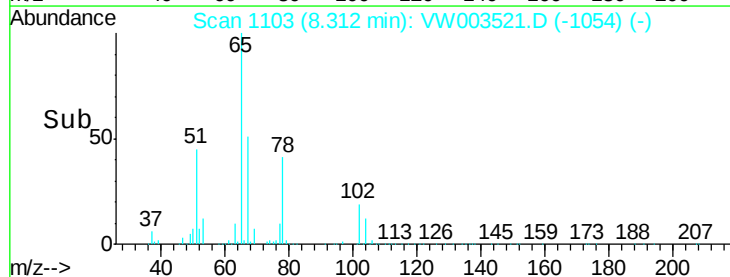
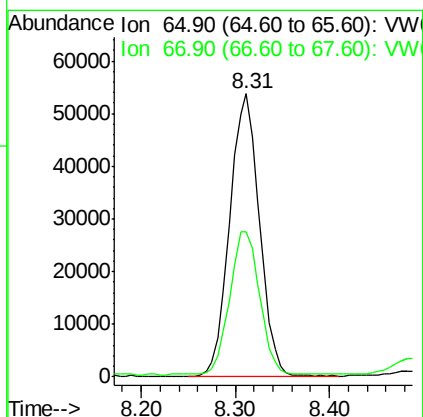
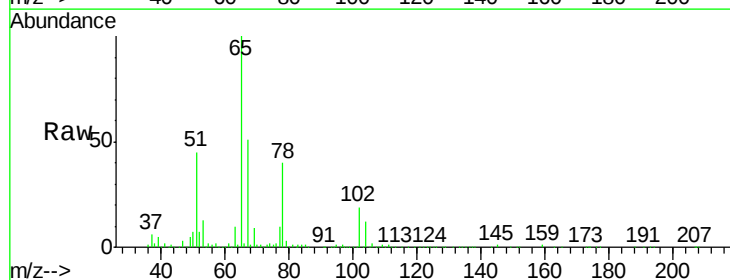
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-27-29-180620

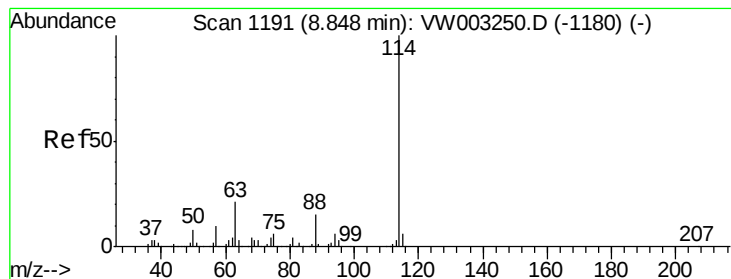
Tgt Ion: 56 Resp: 27697
Ion Ratio Lower Upper
56 100
69 53.0 26.3 39.5#
84 81.9 65.7 98.5



#33
1,2-Dichloroethane-d4
Concen: 58.408 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

Tgt Ion: 65 Resp: 116829
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-27-29-180620

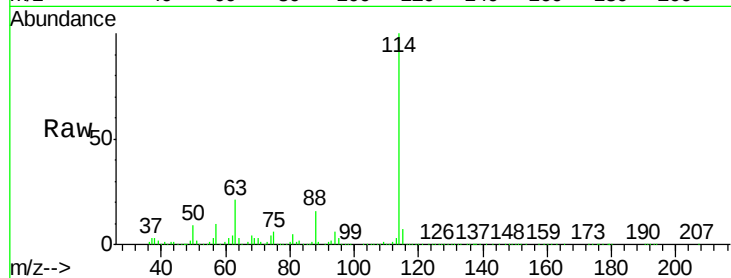
Tgt Ion:114 Resp: 308169

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.0

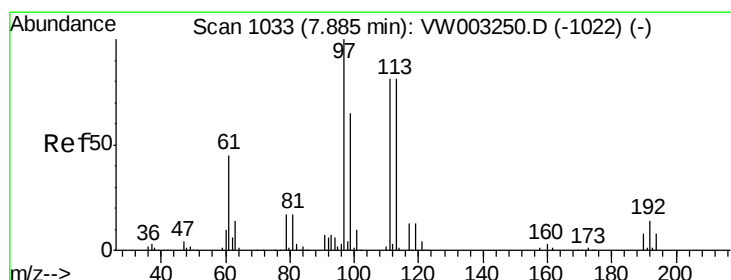
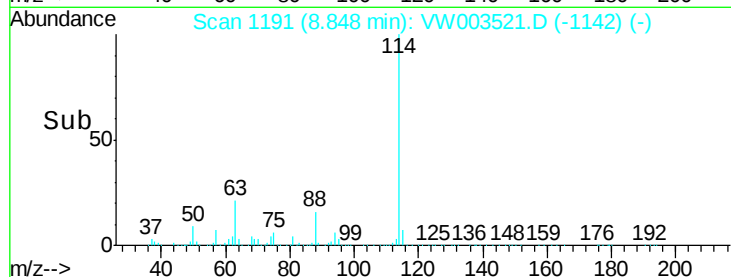
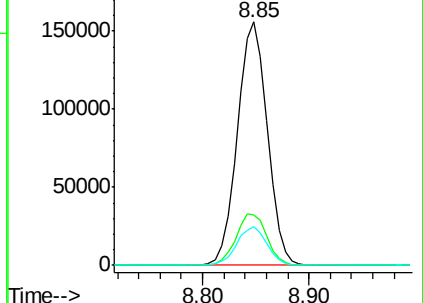
88 16.0 0.0 29.6



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: 53.213 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

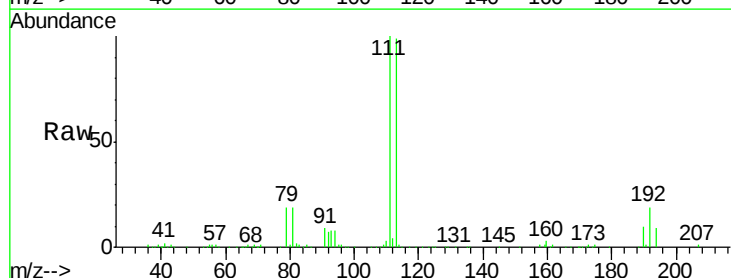
Tgt Ion:113 Resp: 101897

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

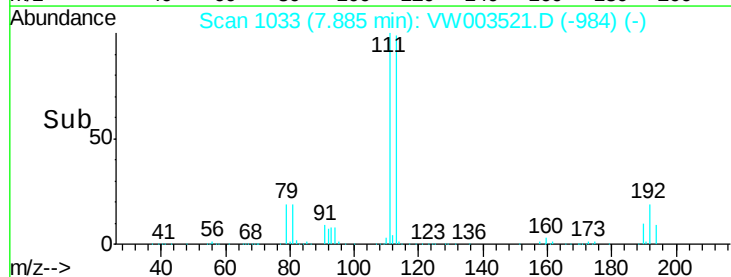
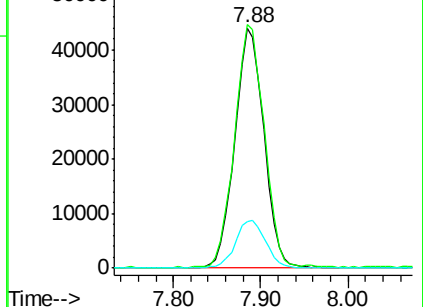
192 20.4 16.2 24.2

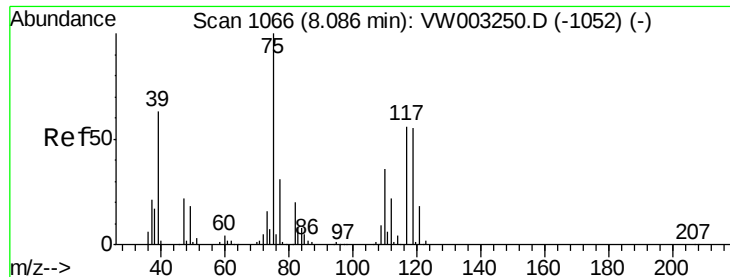


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.139 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.14 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-27-29-180620

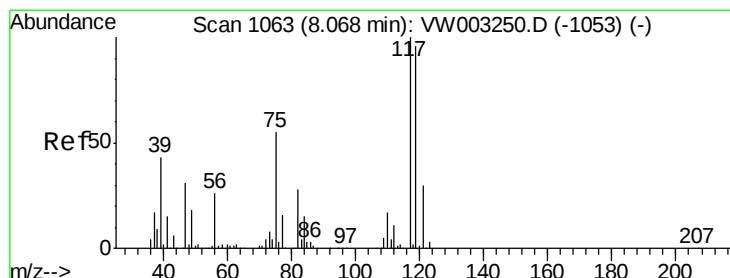
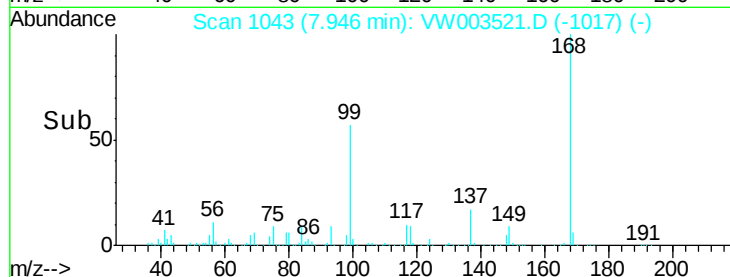
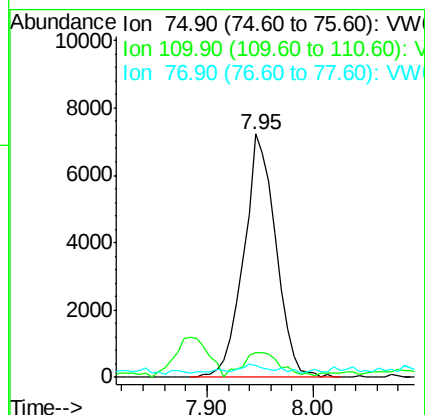
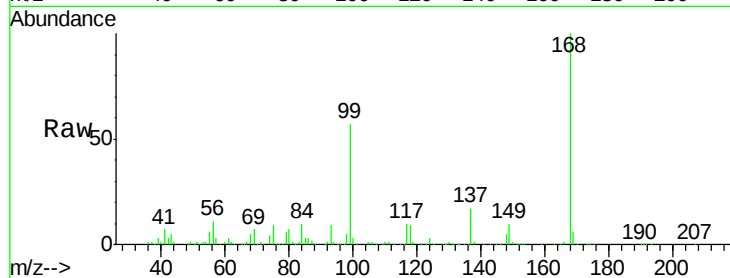
Tgt Ion: 75 Resp: 15293

Ion Ratio Lower Upper

75 100

110 12.5 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.224 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

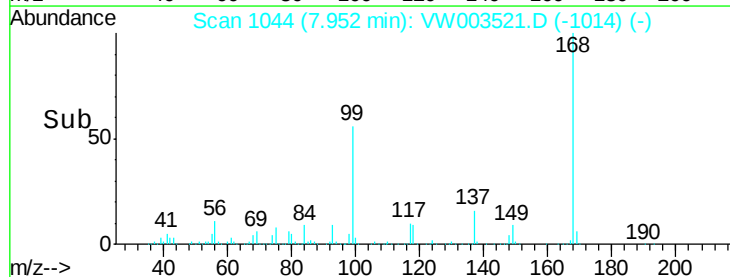
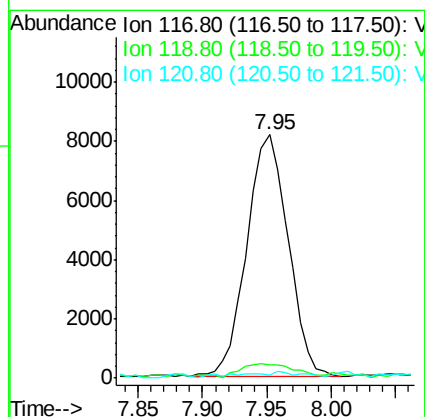
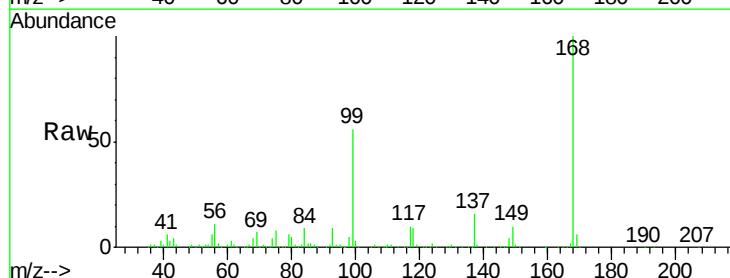
Tgt Ion: 117 Resp: 18170

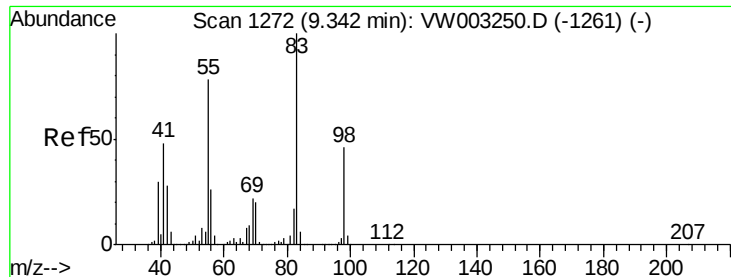
Ion Ratio Lower Upper

117 100

119 4.7 76.6 115.0#

121 0.1 23.9 35.9#

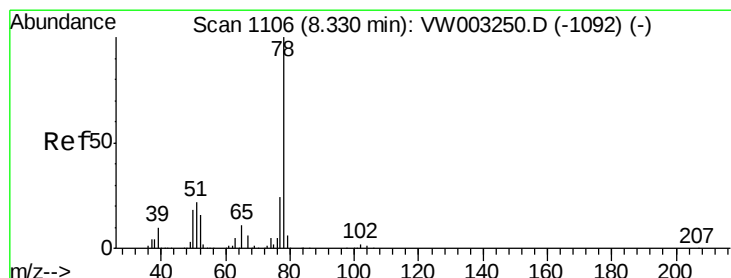
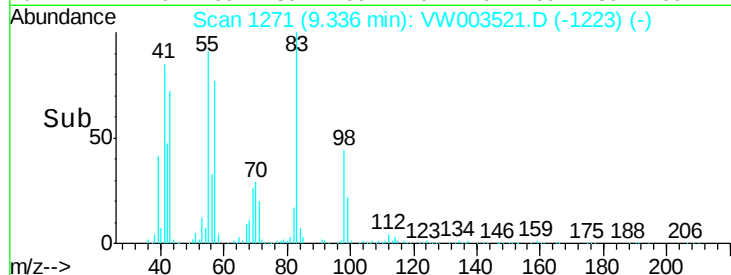
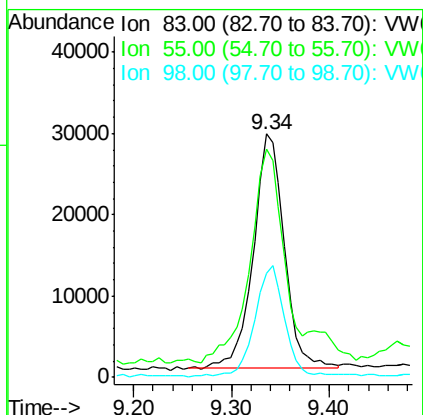
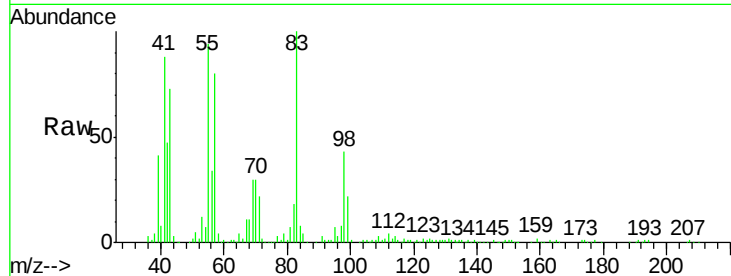




#39
Methylcyclohexane
Concen: 18.396 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

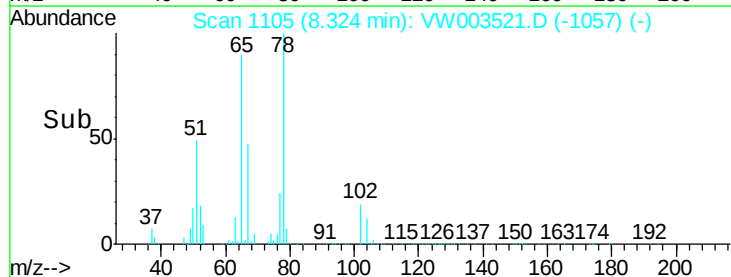
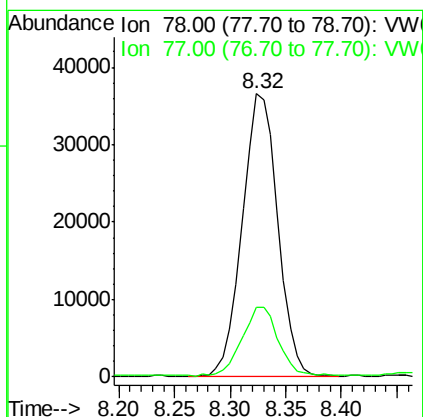
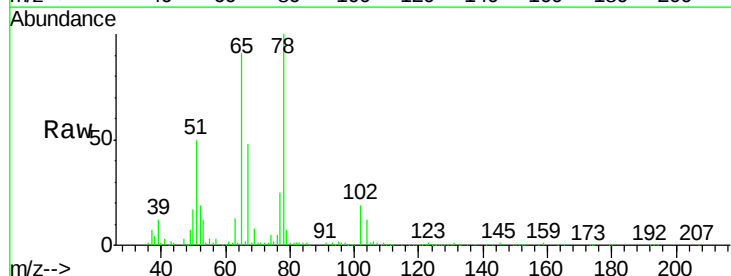
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-27-29-180620

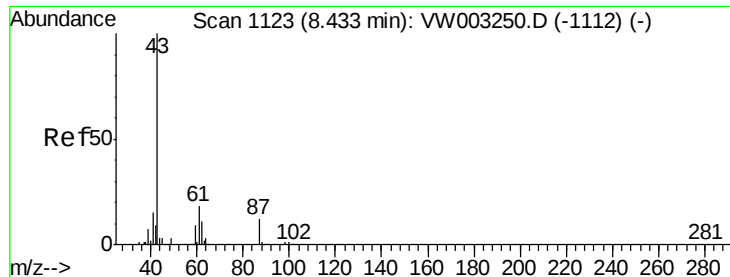
Tgt Ion: 83 Resp: 63348
Ion Ratio Lower Upper
83 100
55 89.6 62.6 93.8
98 44.3 37.0 55.4



#40
Benzene
Concen: 9.926 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

Tgt Ion: 78 Resp: 81427
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6





#43

Isopropyl Acetate

Concen: 57.163 ug/l

RT: 8.48 min Scan# 1131

Delta R.T. 0.05 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-27-29-180620

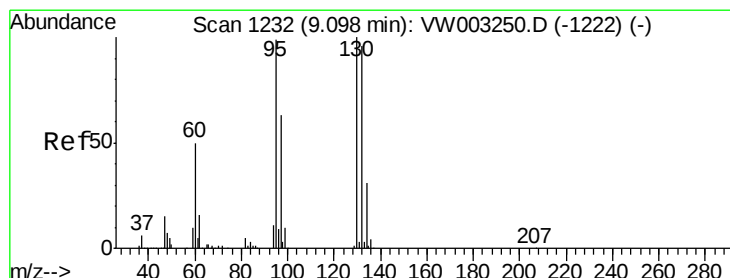
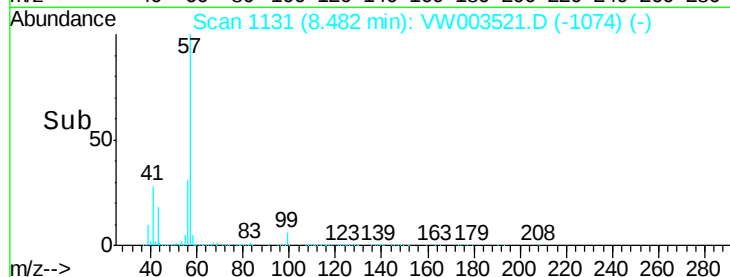
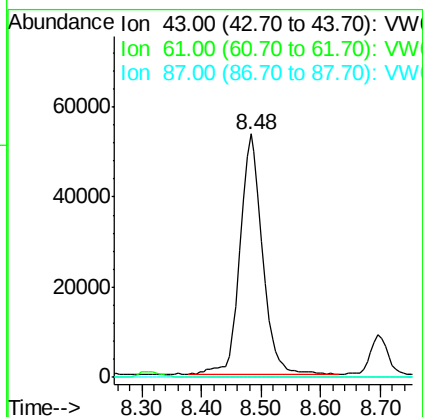
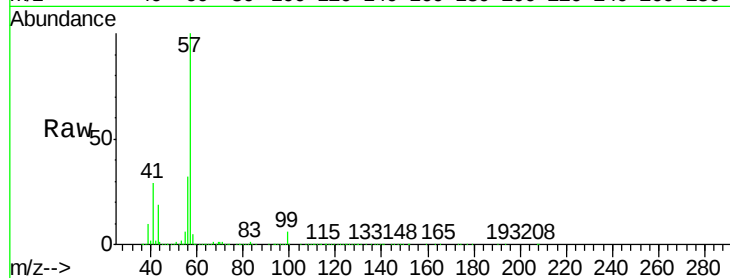
Tgt Ion: 43 Resp: 139944

Ion Ratio Lower Upper

43 100

61 0.2 23.1 34.7#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 9252.738 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003521.D

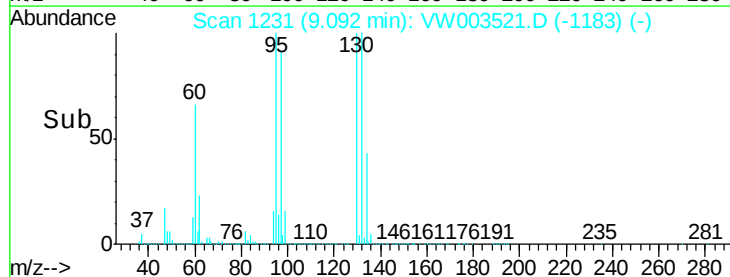
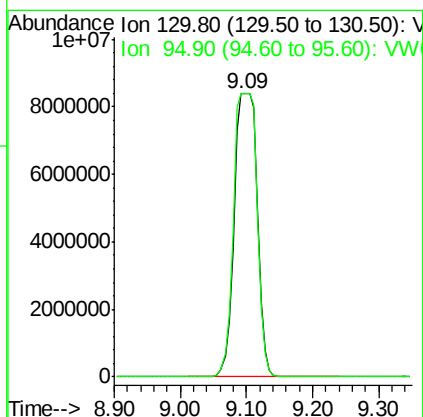
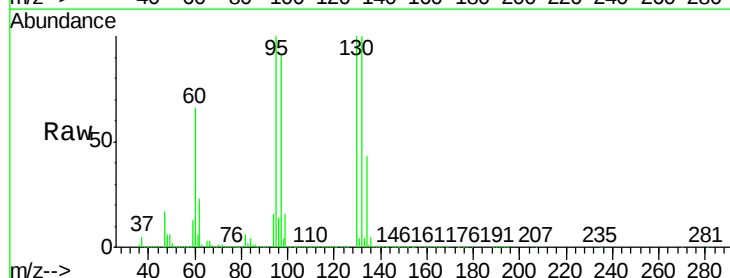
Acq: 24 Jun 2018 19:49

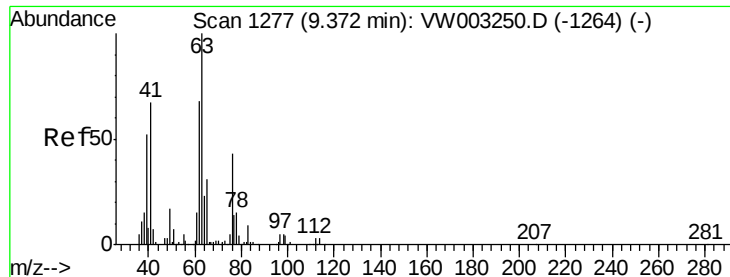
Tgt Ion: 130 Resp: 20112995

Ion Ratio Lower Upper

130 100

95 100.0 0.0 198.0

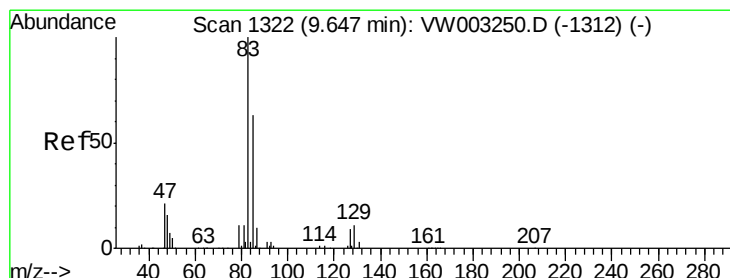
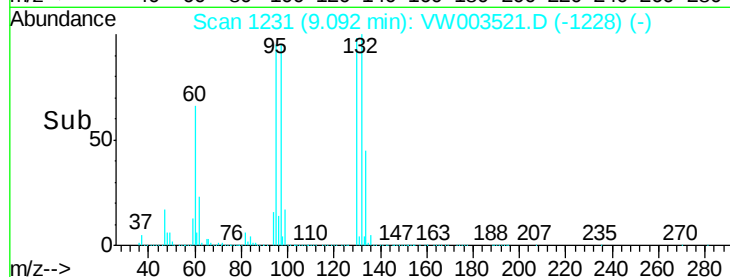
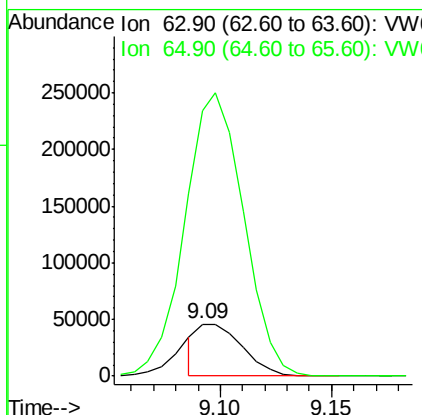
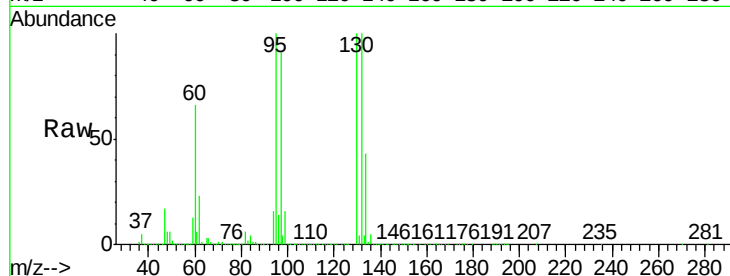




#45
 1,2-Dichloropropane
 Concen: 30.617 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.28 min
 Lab File: VW003521.D
 Acq: 24 Jun 2018 19:49

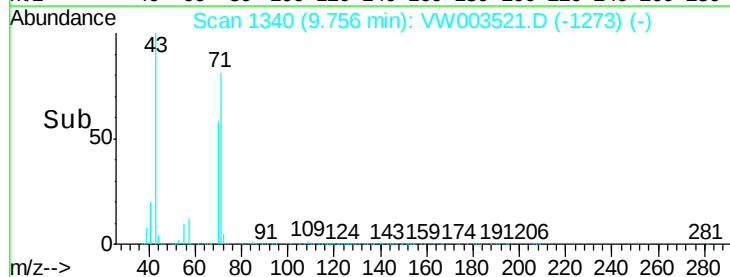
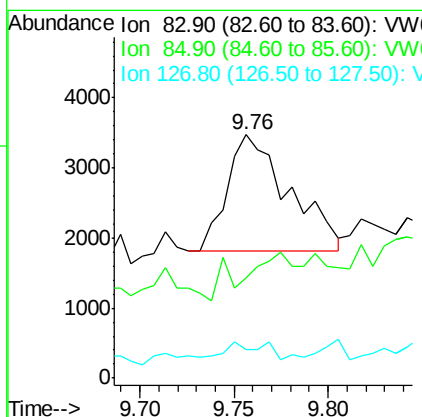
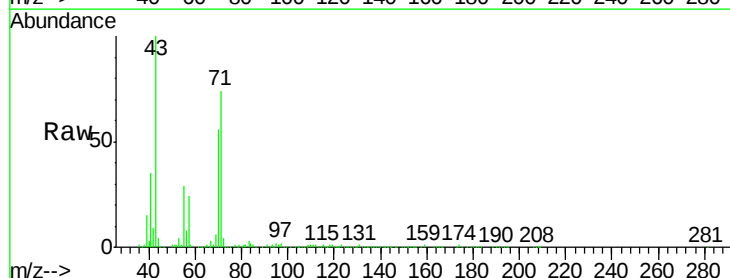
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB479-27-29-180620

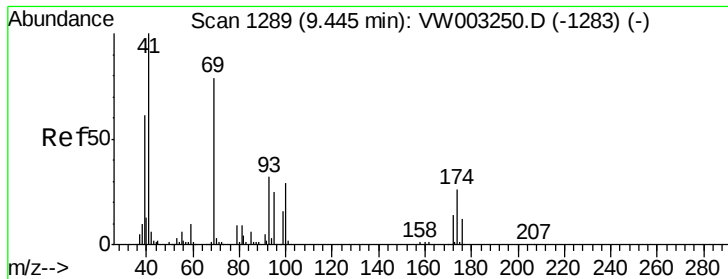
Tgt Ion: 63 Resp: 63951
 Ion Ratio Lower Upper
 63 100
 65 512.3 25.1 37.7#



#47
 Bromodichloromethane
 Concen: 1.383 ug/l
 RT: 9.76 min Scan# 1340
 Delta R.T. 0.11 min
 Lab File: VW003521.D
 Acq: 24 Jun 2018 19:49

Tgt Ion: 83 Resp: 3792
 Ion Ratio Lower Upper
 83 100
 85 8.8 50.6 75.8#
 127 6.1 6.8 10.2#

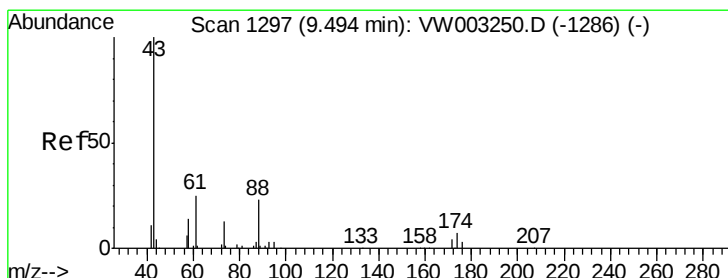
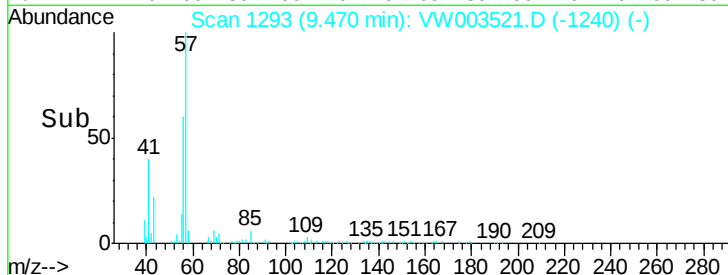
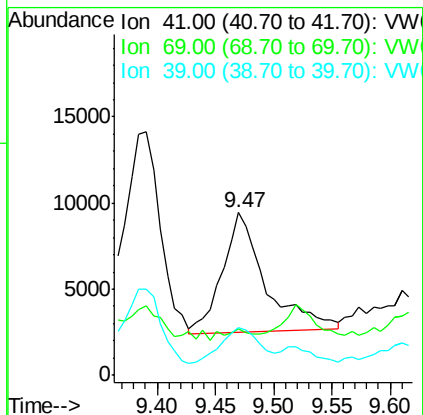
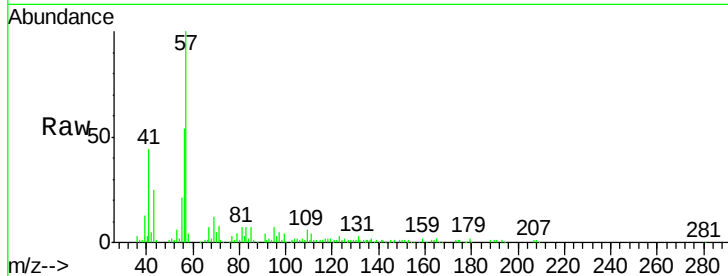




#48
Methyl methacrylate
Concen: 15.676 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. 0.02 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

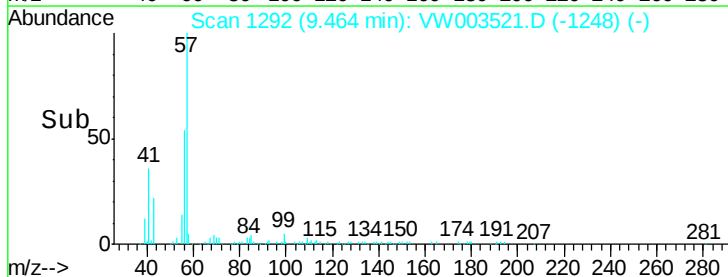
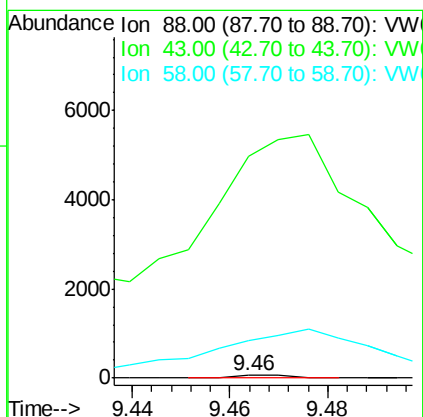
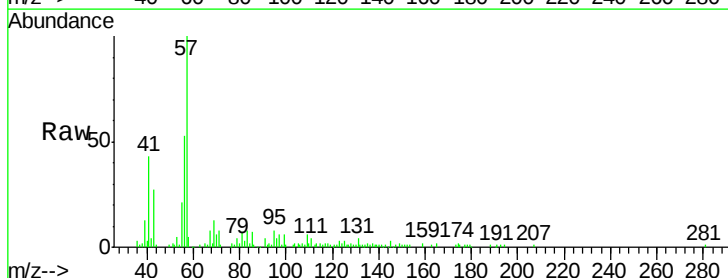
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-27-29-180620

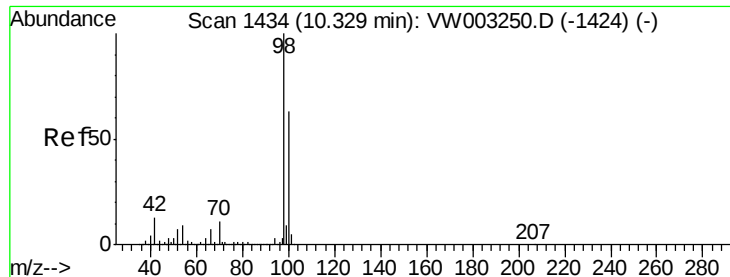
Tgt Ion: 41 Resp: 18035
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.2#
39 26.6 54.2 81.2#



#49
1,4-Dioxane
Concen: 2.663 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. -0.03 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
43 16939.5 454.7 682.1#
58 5479.1 58.6 88.0#





#50

Toluene-d8

Concen: 51.818 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

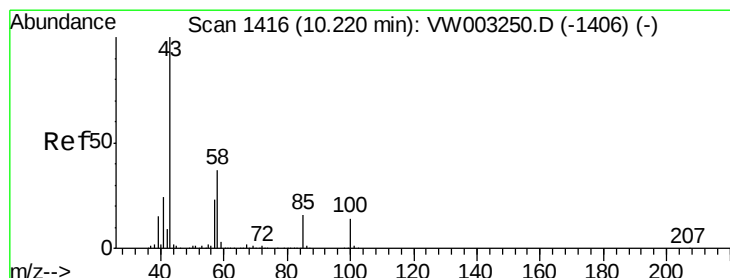
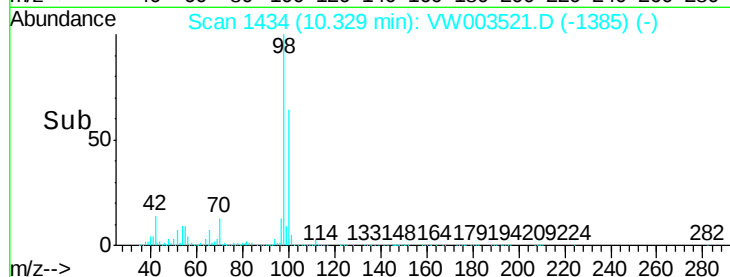
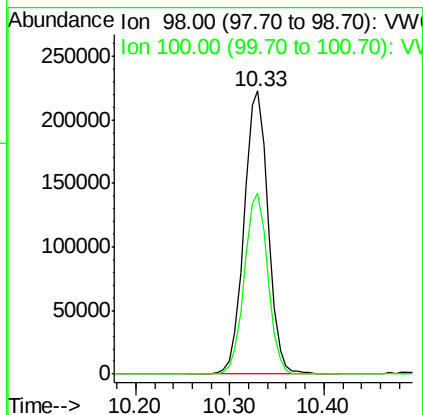
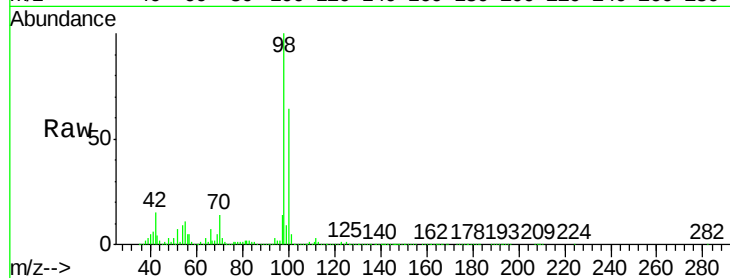
WP021SB479-27-29-180620

Tgt Ion: 98 Resp: 393445

Ion Ratio Lower Upper

98 100

100 62.7 50.8 76.2



#51

4-Methyl-2-Pentanone

Concen: 18.165 ug/l

RT: 10.26 min Scan# 1422

Delta R.T. 0.04 min

Lab File: VW003521.D

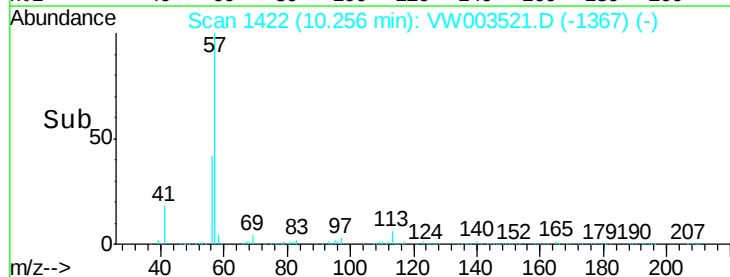
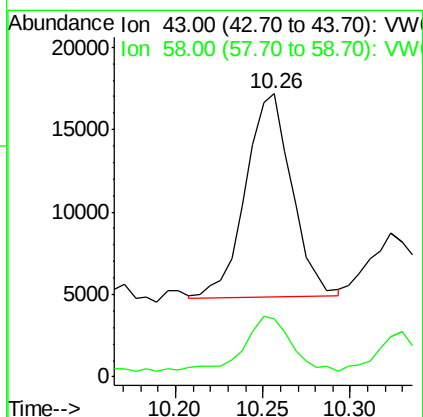
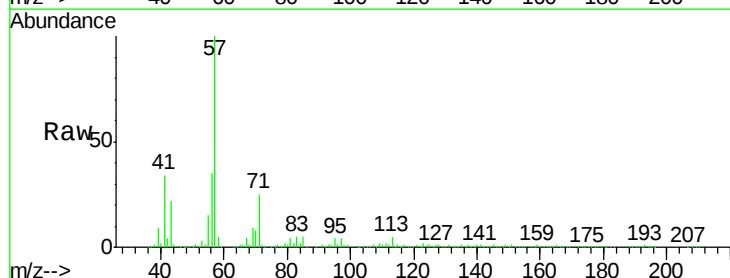
Acq: 24 Jun 2018 19:49

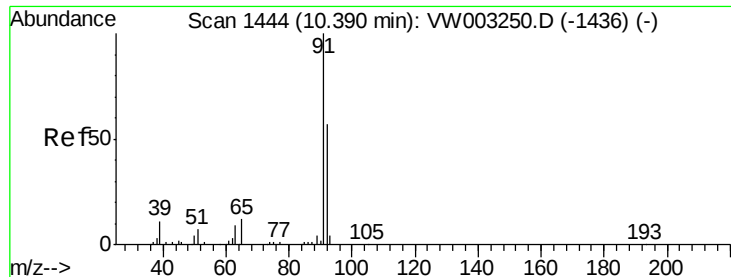
Tgt Ion: 43 Resp: 22660

Ion Ratio Lower Upper

43 100

58 27.3 29.0 43.4#





#52

Toluene

Concen: 4.533 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

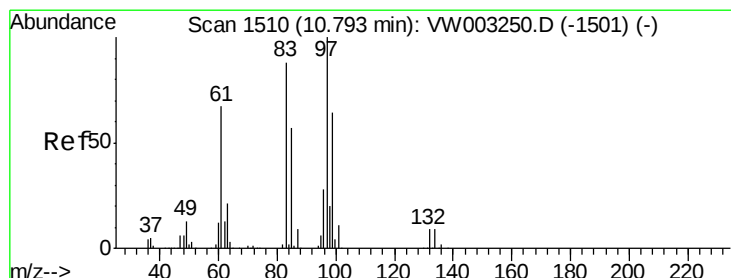
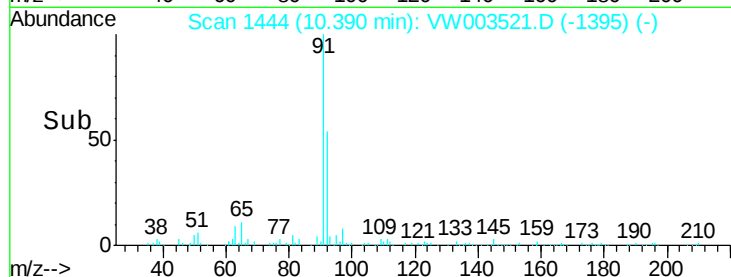
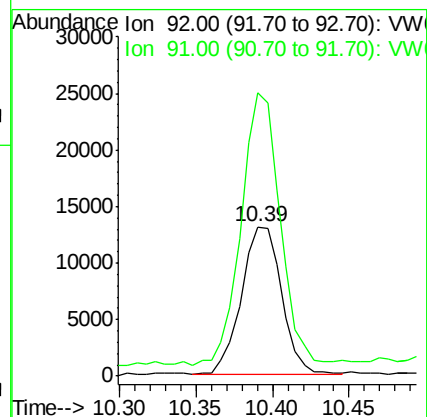
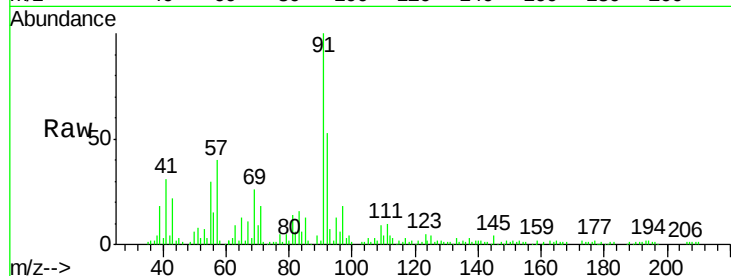
WP021SB479-27-29-180620

Tgt Ion: 92 Resp: 23845

Ion Ratio Lower Upper

92 100

91 176.0 141.1 211.7



#55

1,1,2-Trichloroethane

Concen: 17.108 ug/l

RT: 10.77 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Tgt Ion: 97 Resp: 25780

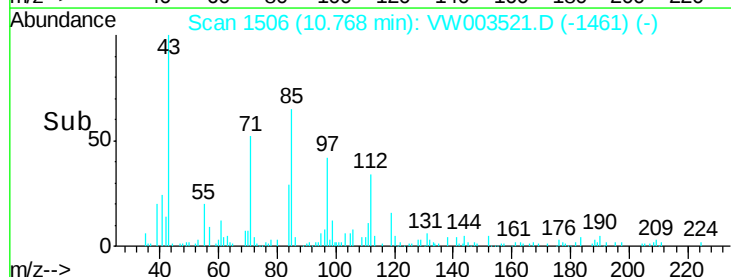
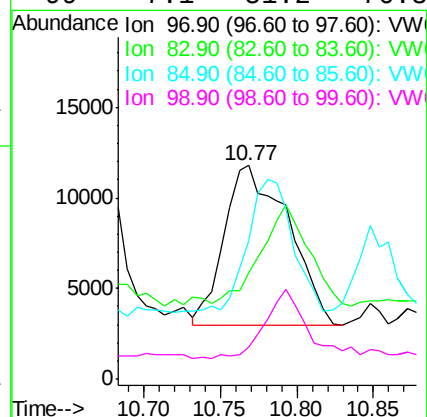
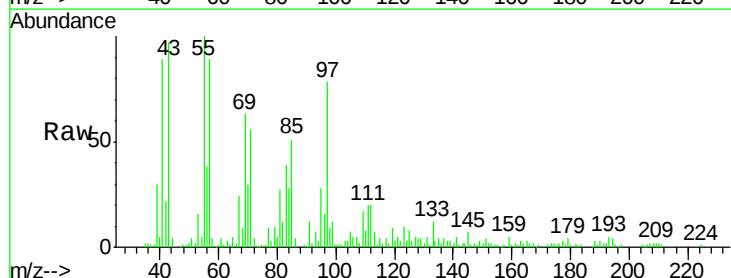
Ion Ratio Lower Upper

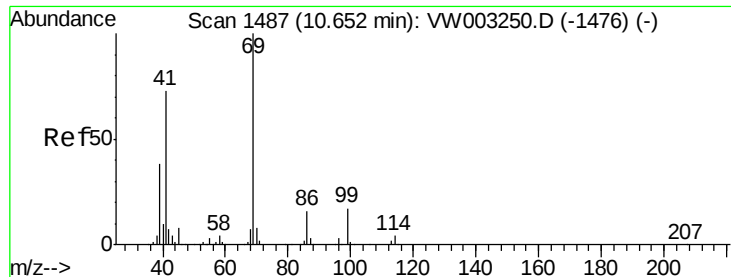
97 100

83 18.9 70.2 105.2#

85 44.4 45.6 68.4#

99 7.1 51.2 76.8#

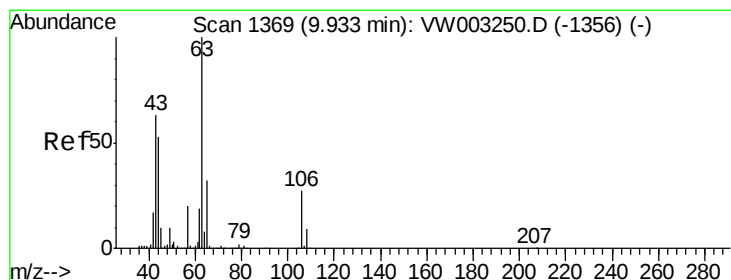
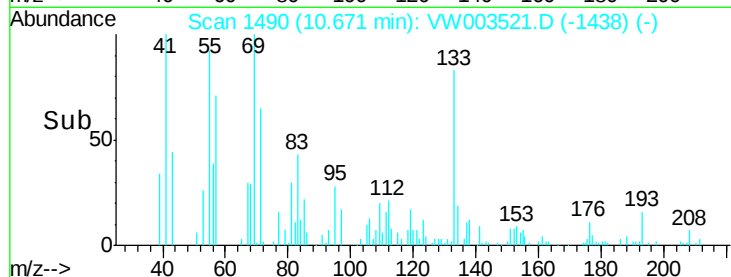
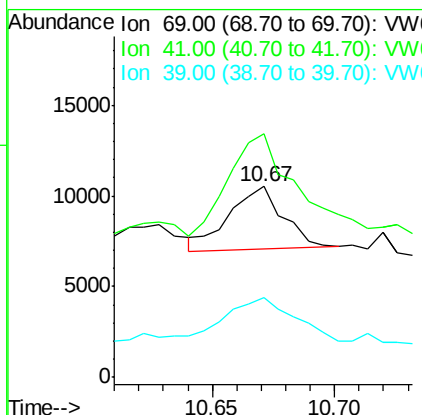
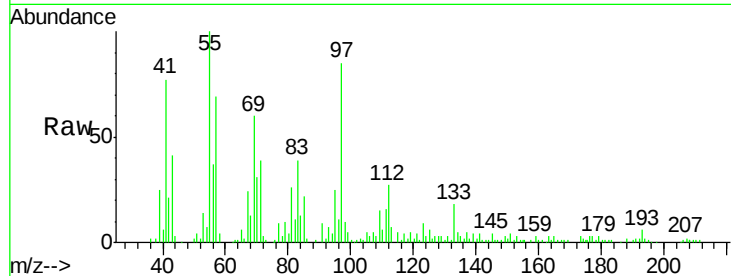




#56
Ethyl methacrylate
Concen: 2.888 ug/l
RT: 10.67 min Scan# 1490
Delta R.T. 0.02 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

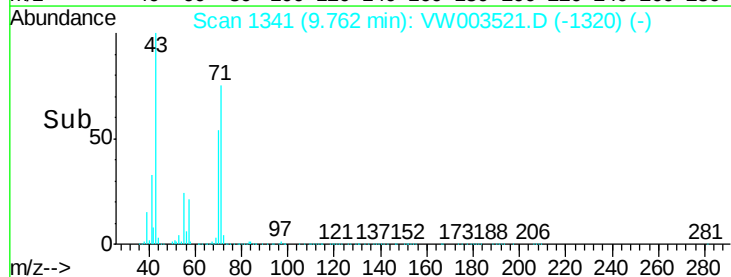
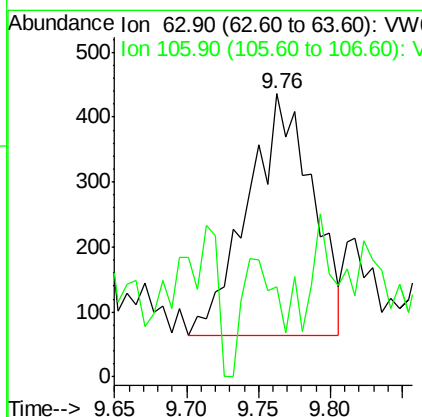
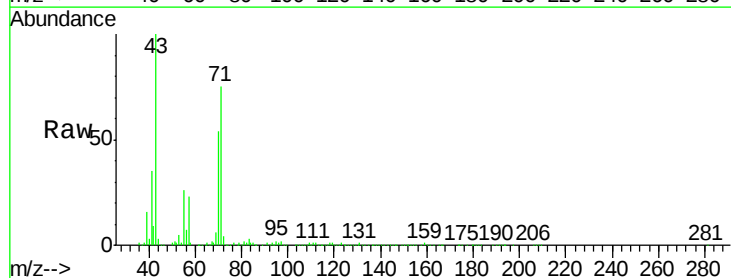
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-27-29-180620

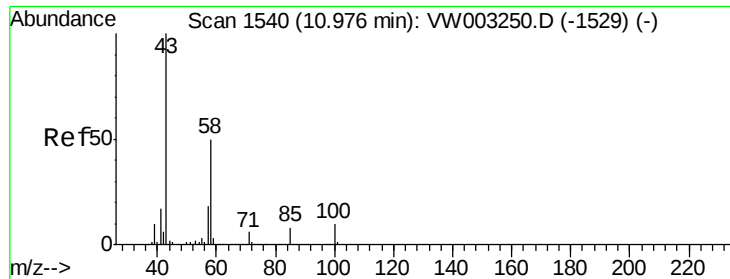
Tgt Ion: 69 Resp: 5285
Ion Ratio Lower Upper
69 100
41 230.7 57.8 86.6#
39 98.1 32.7 49.1#



#58
2-Chloroethyl Vinyl ether
Concen: 1.414 ug/l
RT: 9.76 min Scan# 1341
Delta R.T. -0.17 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

Tgt Ion: 63 Resp: 1160
Ion Ratio Lower Upper
63 100
106 25.8 21.8 32.8

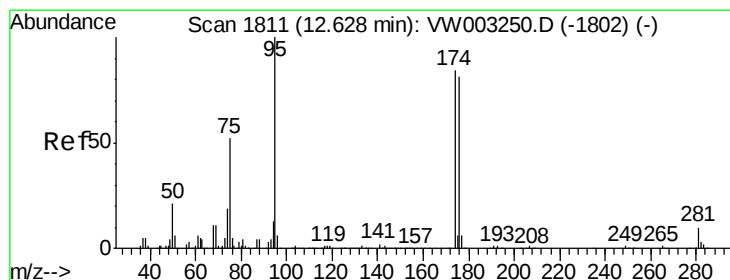
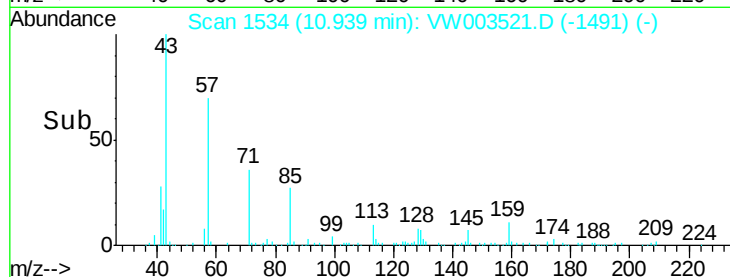
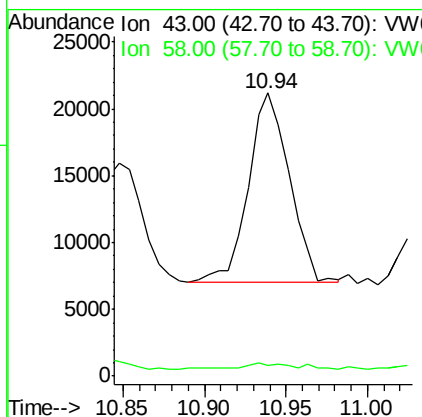
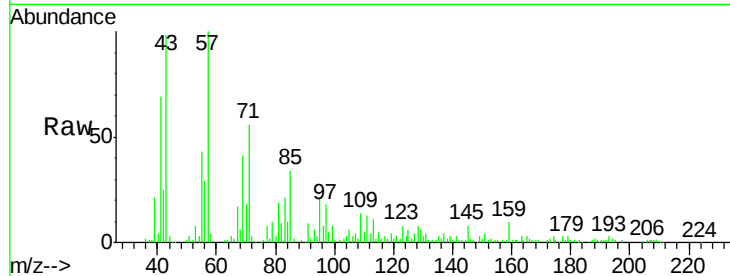




#59
2-Hexanone
Concen: 28.107 ug/l
RT: 10.94 min Scan# 1534
Delta R.T. -0.04 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

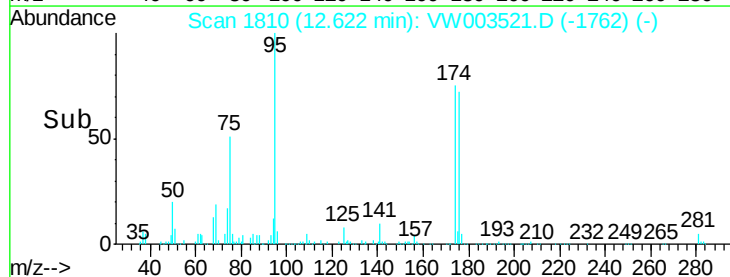
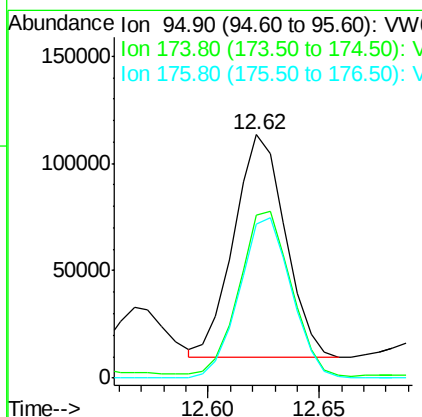
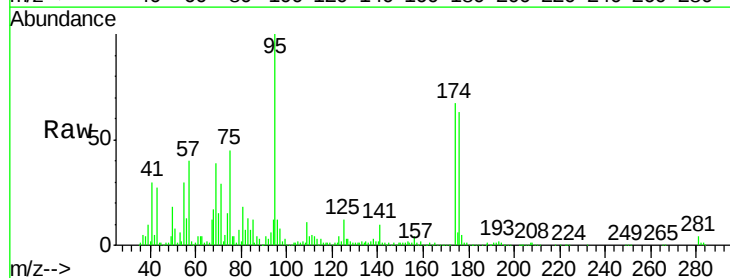
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-27-29-180620

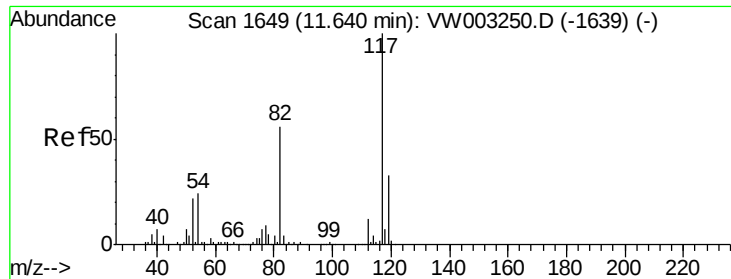
Tgt Ion: 43 Resp: 24494
Ion Ratio Lower Upper
43 100
58 5.8 25.0 75.0#



#62
4-Bromofluorobenzene
Concen: 62.393 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

Tgt Ion: 95 Resp: 167654
Ion Ratio Lower Upper
95 100
174 74.9 0.0 166.4
176 72.1 0.0 162.0

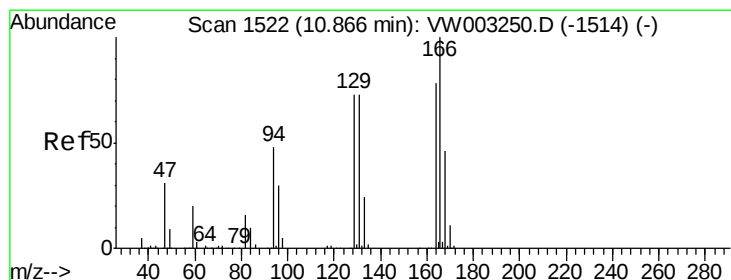
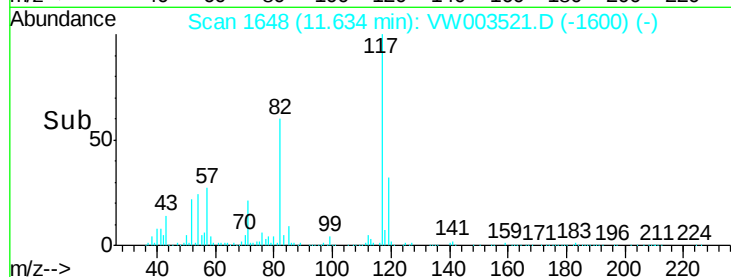
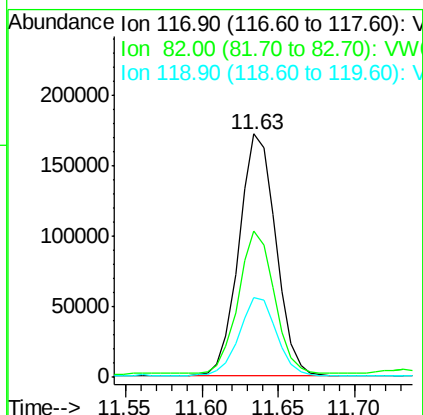
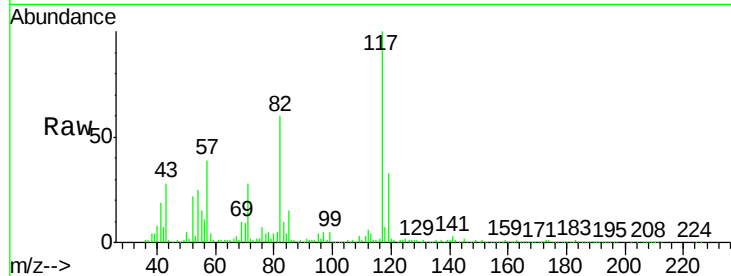




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

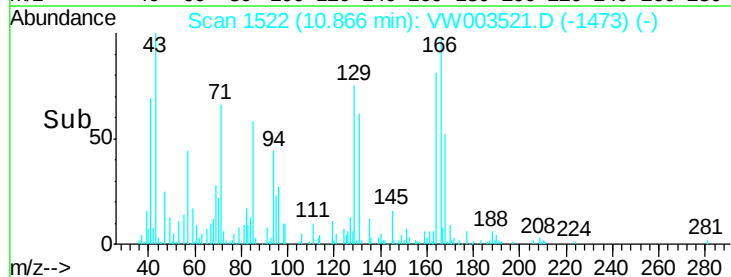
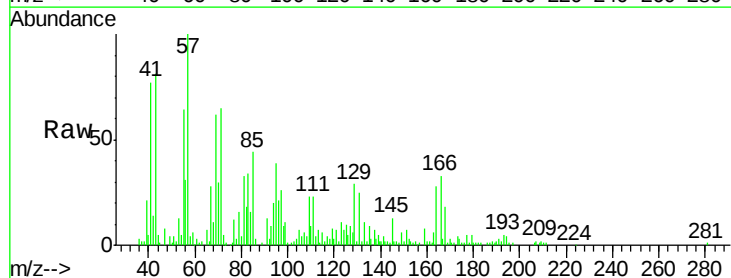
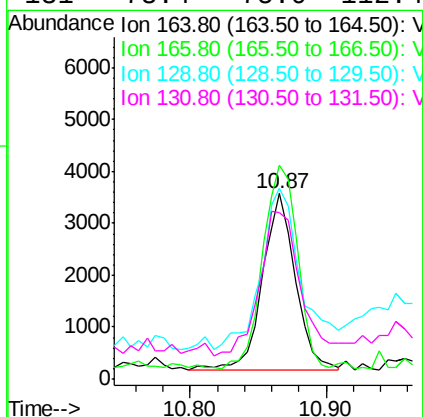
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-27-29-180620

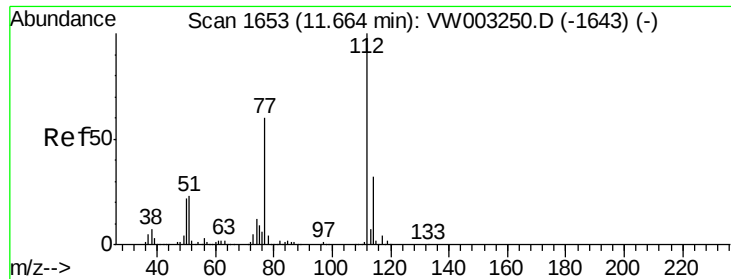
Tgt Ion:117 Resp: 288266
Ion Ratio Lower Upper
117 100
82 58.9 44.6 67.0
119 32.2 26.7 40.1



#64
Tetrachloroethene
Concen: 2.980 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

Tgt Ion:164 Resp: 5746
Ion Ratio Lower Upper
164 100
166 114.8 102.6 154.0
129 90.5 75.2 112.8
131 78.4 75.0 112.4





#65

Chlorobenzene

Concen: 39.770 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

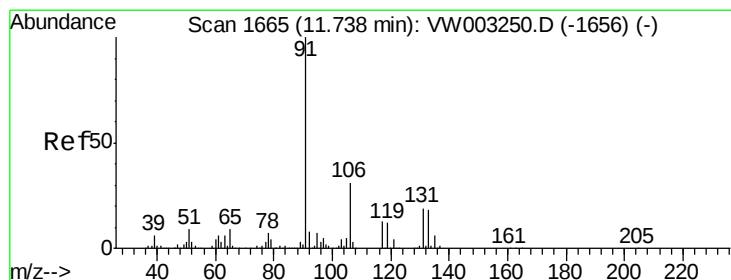
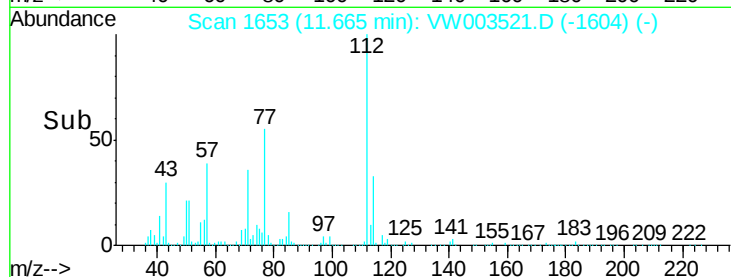
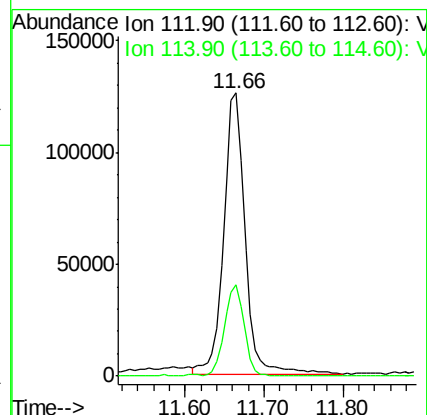
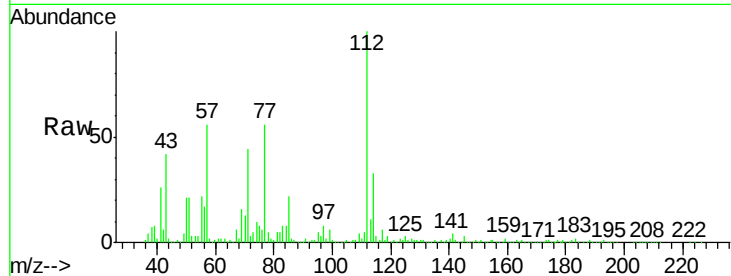
WP021SB479-27-29-180620

Tgt Ion:112 Resp: 238737

Ion Ratio Lower Upper

112 100

114 32.6 25.9 38.9



#67

Ethyl Benzene

Concen: 1.625 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003521.D

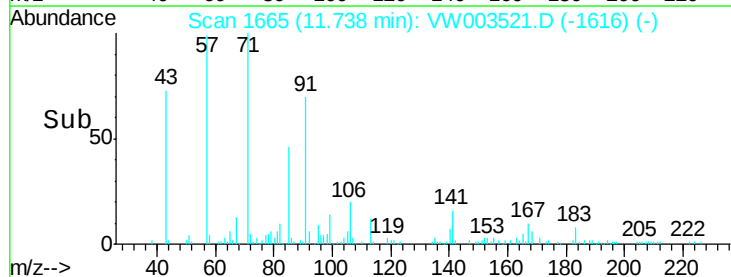
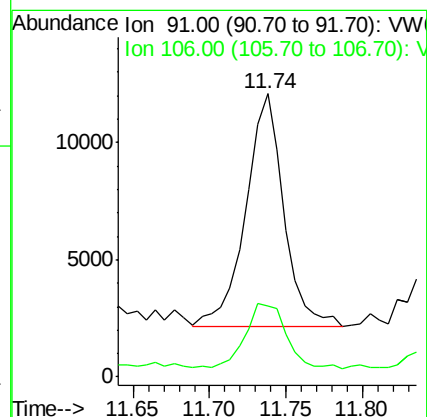
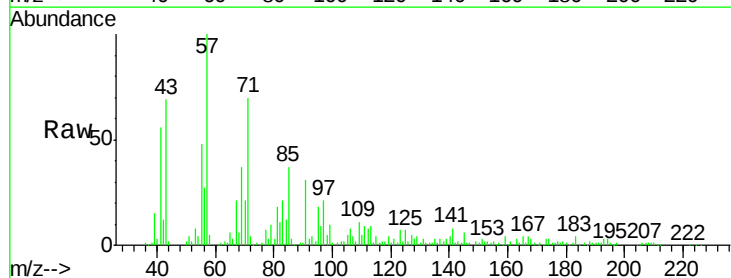
Acq: 24 Jun 2018 19:49

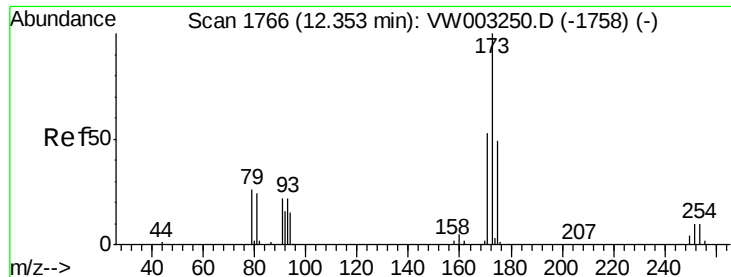
Tgt Ion: 91 Resp: 17290

Ion Ratio Lower Upper

91 100

106 26.6 24.7 37.1





#71

Bromoform

Concen: 2.196 ug/l

RT: 12.37 min Scan# 1769

Delta R.T. 0.02 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-27-29-180620

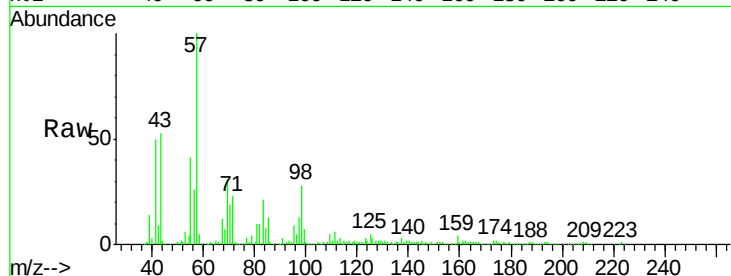
Tgt Ion:173 Resp: 2401

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.4#

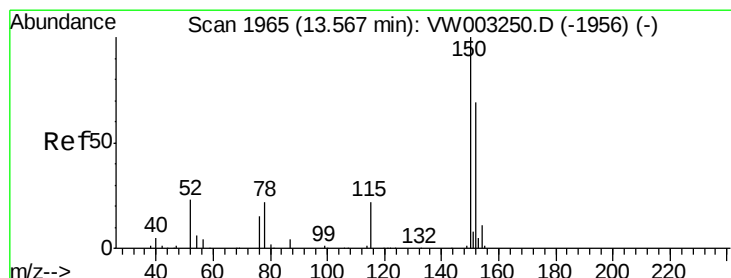
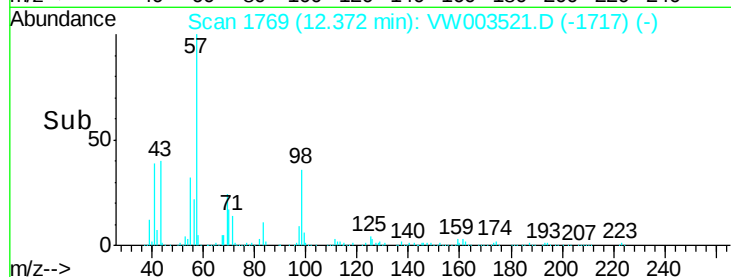
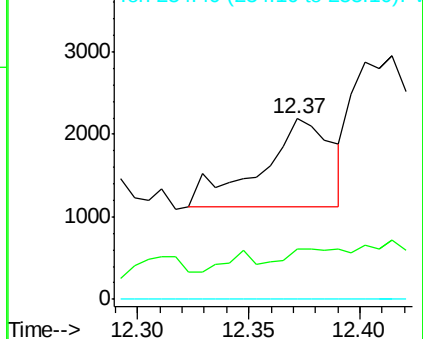
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

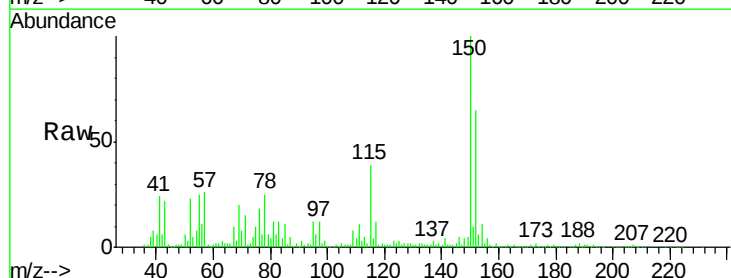
Tgt Ion:152 Resp: 177018

Ion Ratio Lower Upper

152 100

115 50.9 29.3 88.0

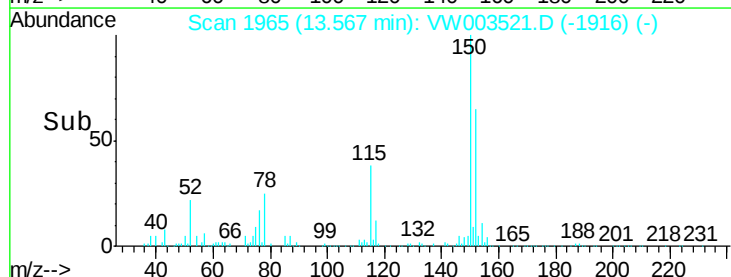
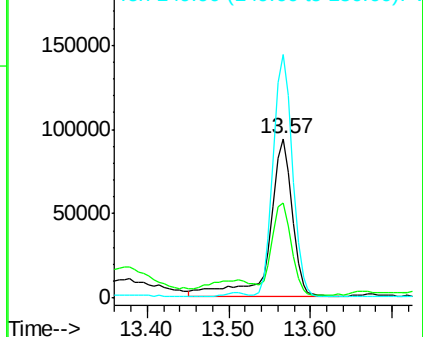
150 131.6 0.0 349.6

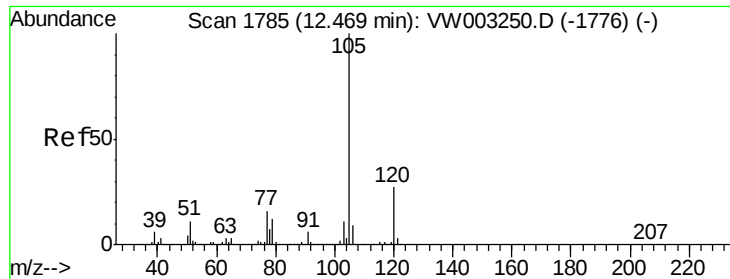


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.236 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

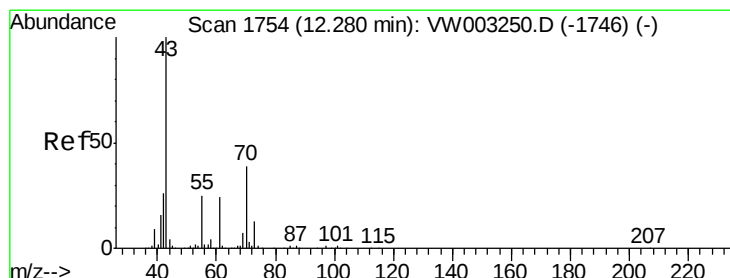
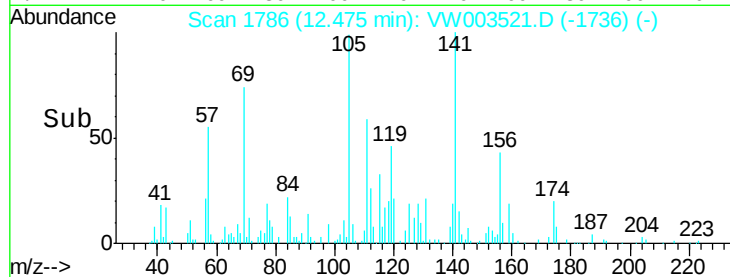
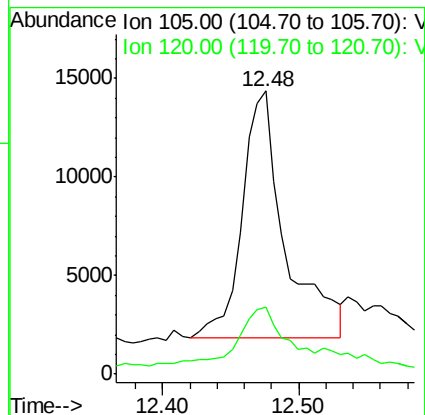
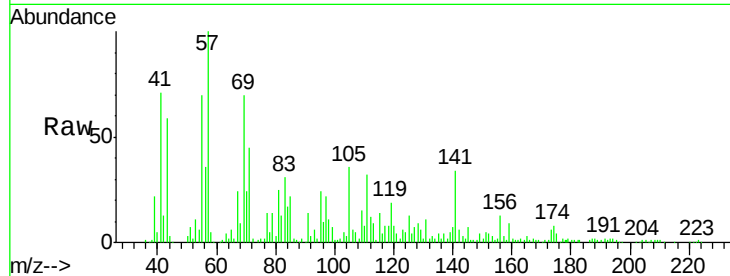
WP021SB479-27-29-180620

Tgt Ion:105 Resp: 27530

Ion Ratio Lower Upper

105 100

120 36.6 13.2 39.6



#74

N-ethyl acetate

Concen: 28.824 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Tgt Ion: 43 Resp: 80777

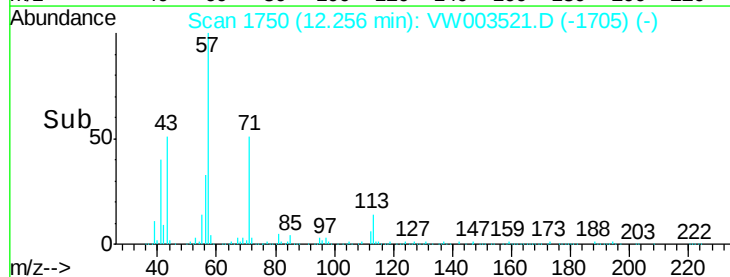
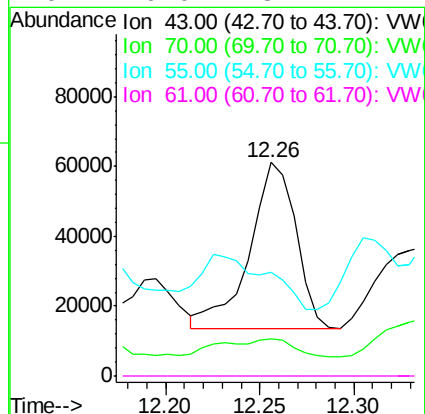
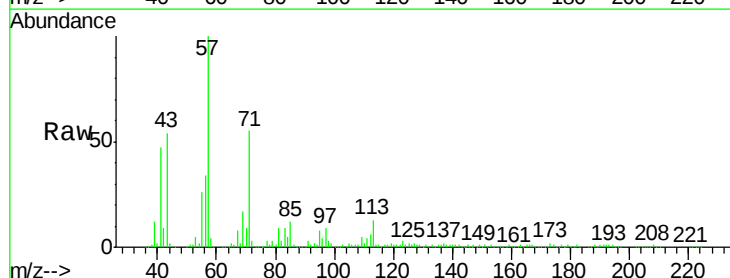
Ion Ratio Lower Upper

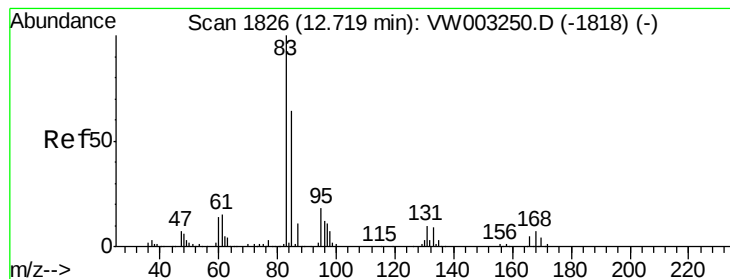
43 100

70 16.8 31.0 46.6#

55 0.0 19.7 29.5#

61 0.0 18.1 27.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 3.060 ug/l

RT: 12.68 min Scan# 1820

Delta R.T. -0.04 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-27-29-180620

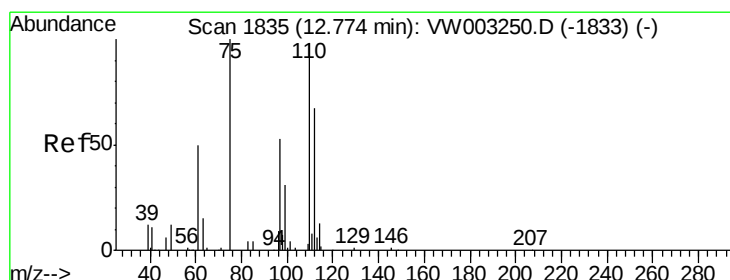
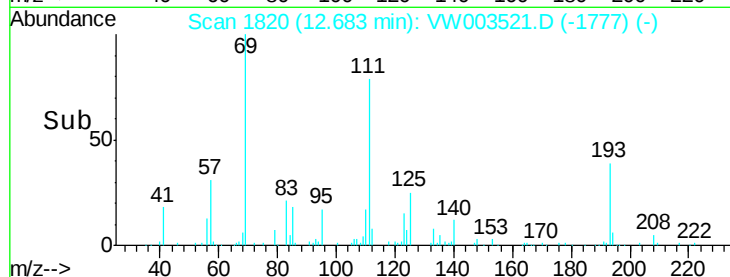
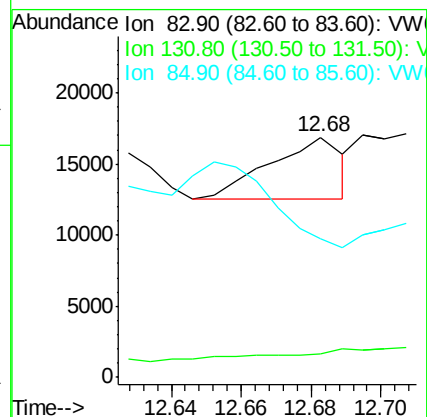
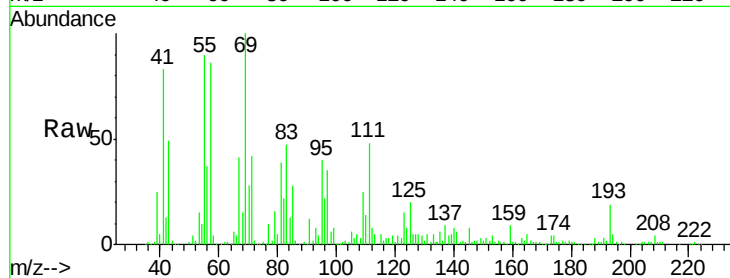
Tgt Ion: 83 Resp: 6373

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 53.693 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003521.D

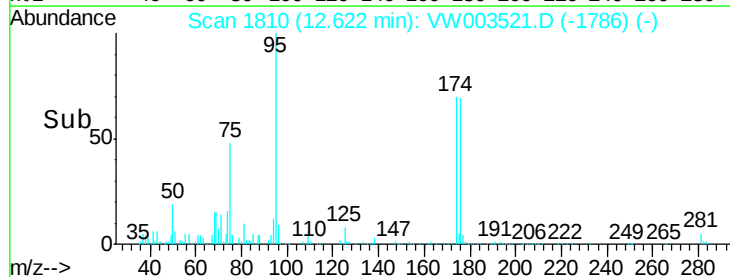
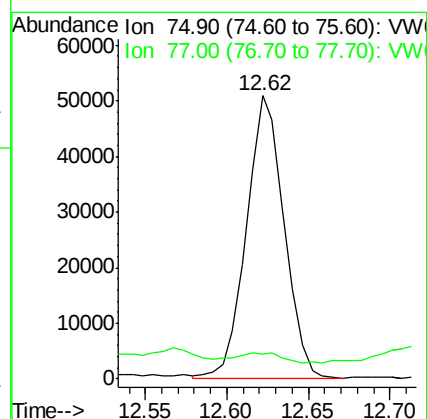
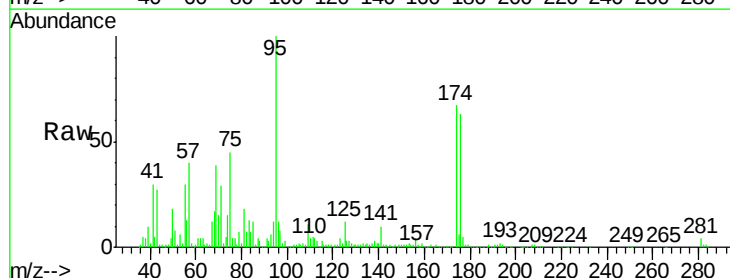
Acq: 24 Jun 2018 19:49

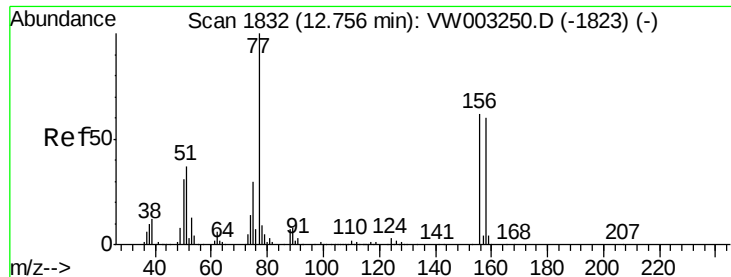
Tgt Ion: 75 Resp: 81254

Ion Ratio Lower Upper

75 100

77 4.3 0.0 0.0#





#77

Bromobenzene

Concen: 94.437 ug/l

RT: 12.94 min Scan# 1863

Delta R.T. 0.19 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-27-29-180620

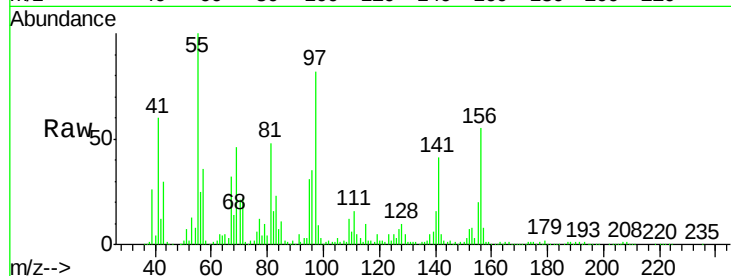
Tgt Ion:156 Resp: 270789

Ion Ratio Lower Upper

156 100

77 29.7 92.3 276.9#

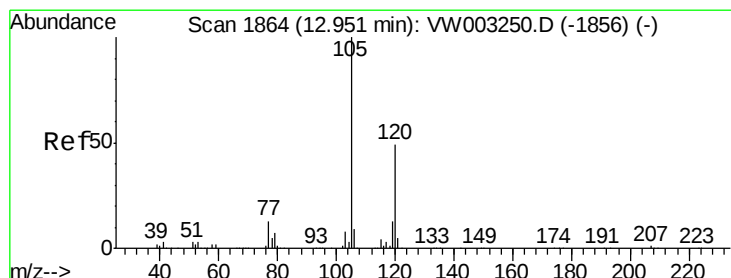
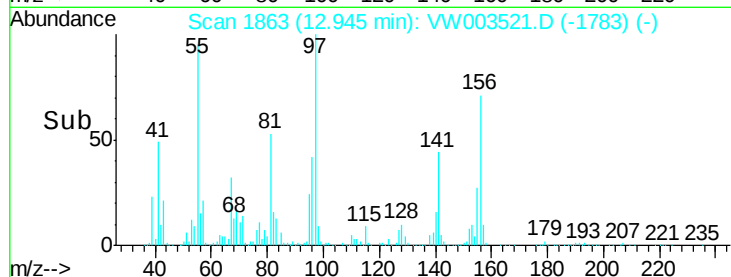
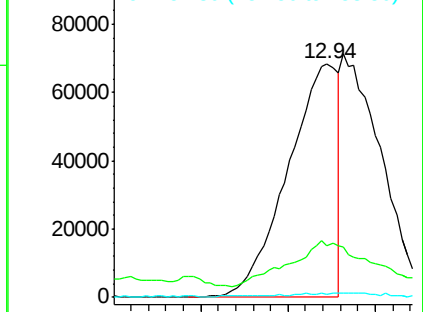
158 0.7 47.5 142.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 1.678 ug/l

RT: 13.12 min Scan# 1891

Delta R.T. 0.16 min

Lab File: VW003521.D

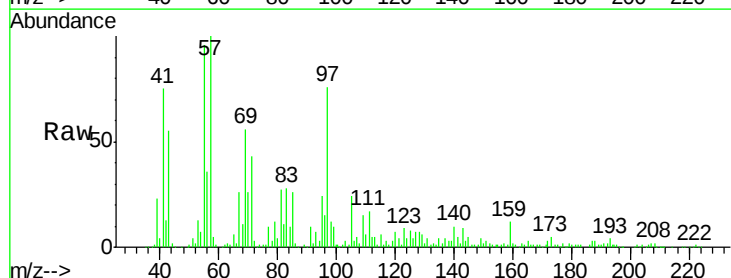
Acq: 24 Jun 2018 19:49

Tgt Ion:105 Resp: 17341

Ion Ratio Lower Upper

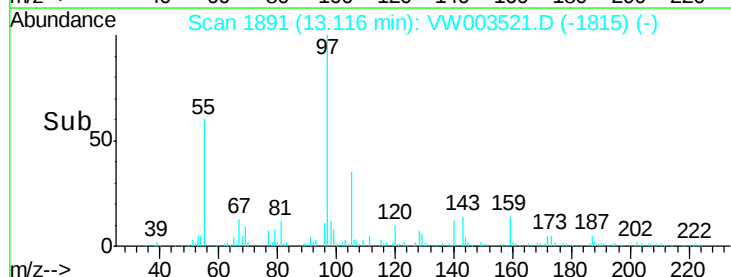
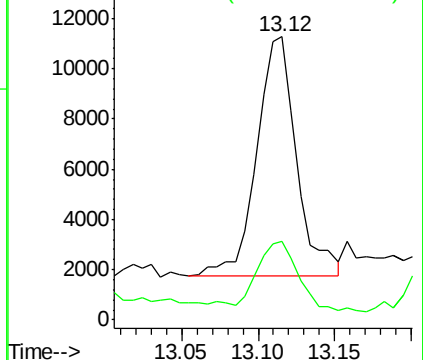
105 100

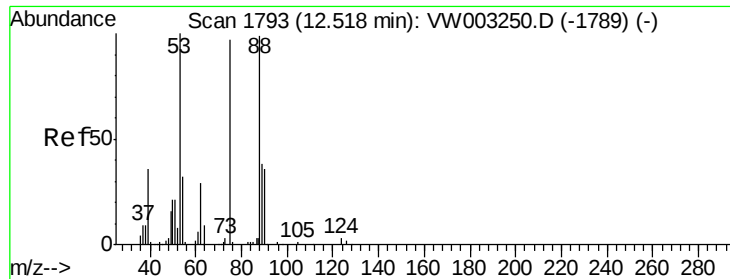
120 30.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 123.551 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-27-29-180620

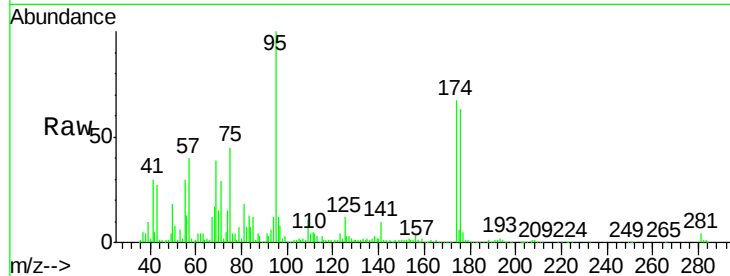
Tgt Ion: 75 Resp: 81254

Ion Ratio Lower Upper

75 100

53 5.0 82.9 124.3#

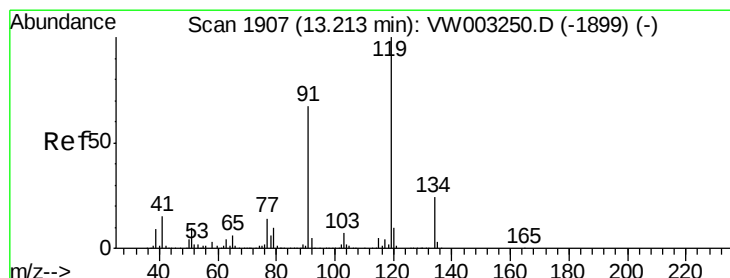
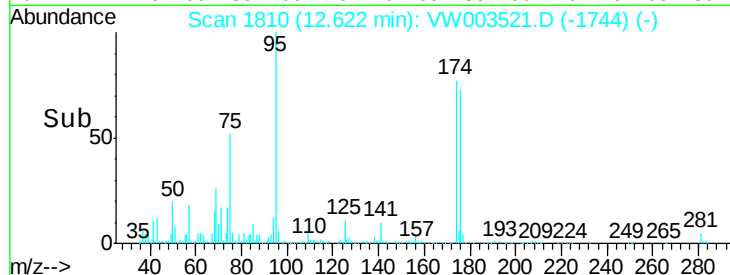
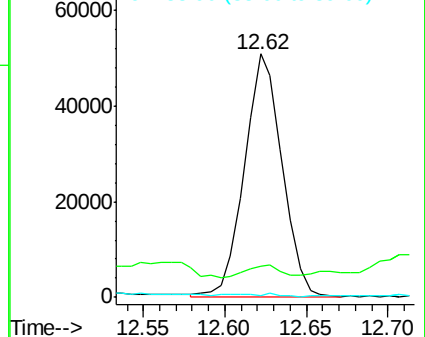
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#83

tert-Butylbenzene

Concen: 5.909 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

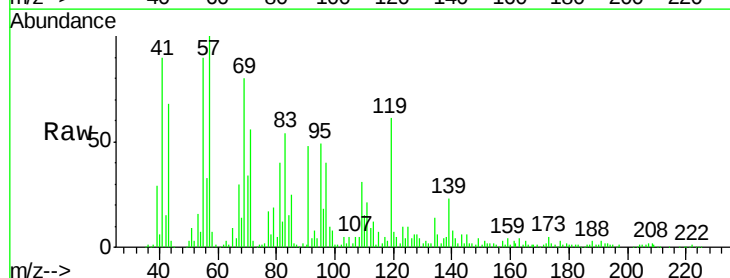
Tgt Ion: 119 Resp: 52044

Ion Ratio Lower Upper

119 100

91 49.2 33.9 101.7

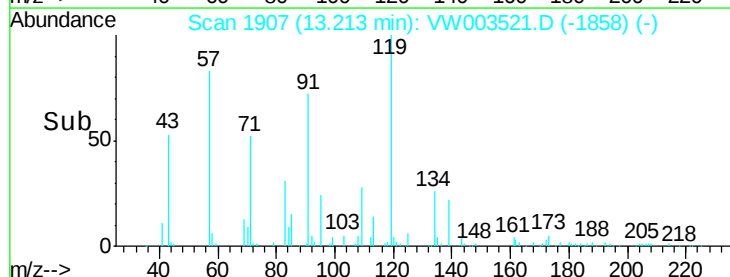
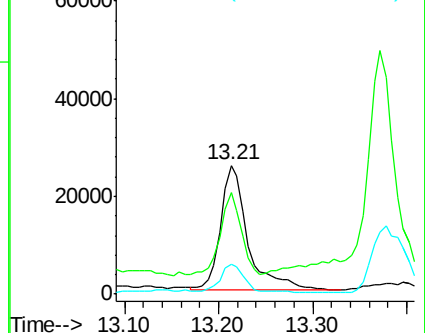
134 20.5 13.4 40.1

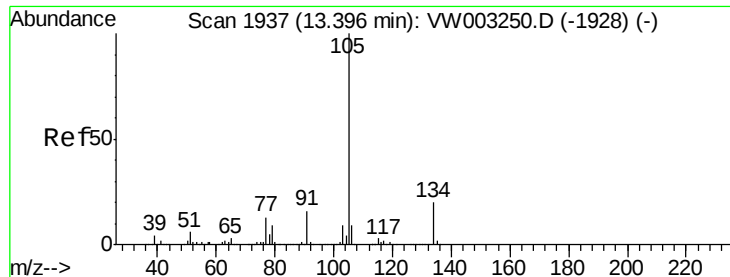


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

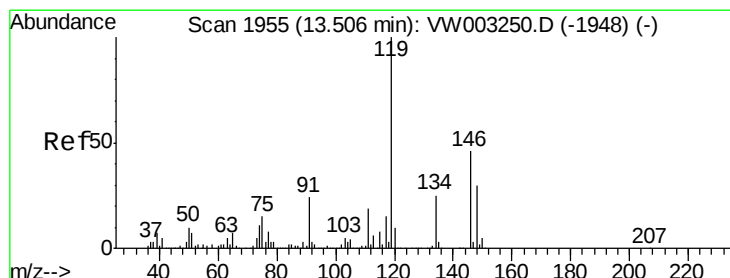
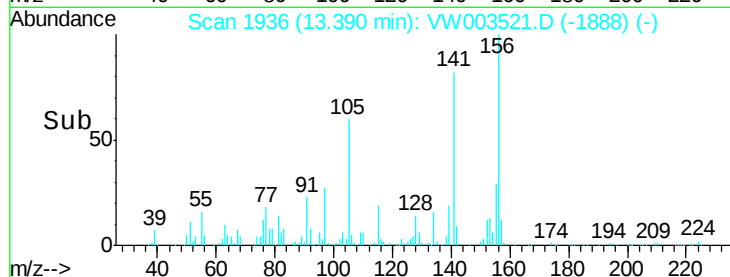
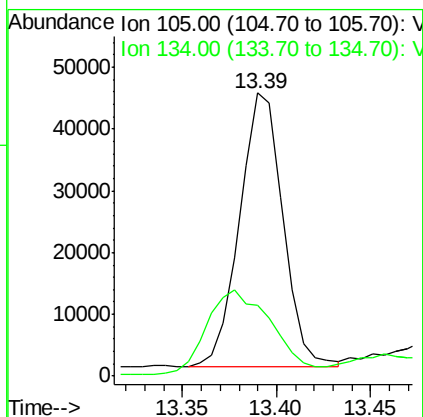
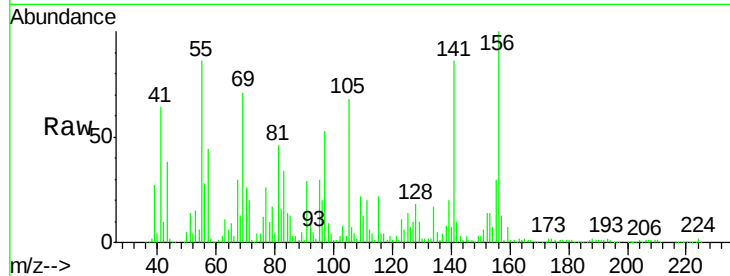




#85
 sec-Butylbenzene
 Concen: 5.402 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003521.D
 Acq: 24 Jun 2018 19:49

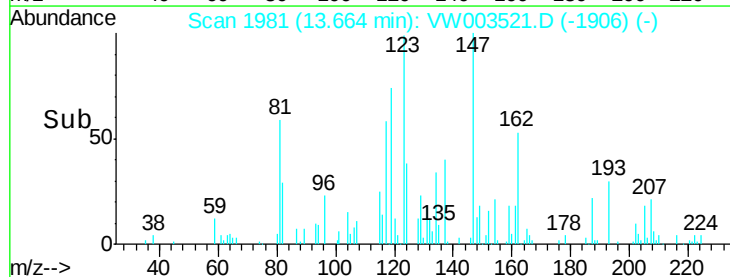
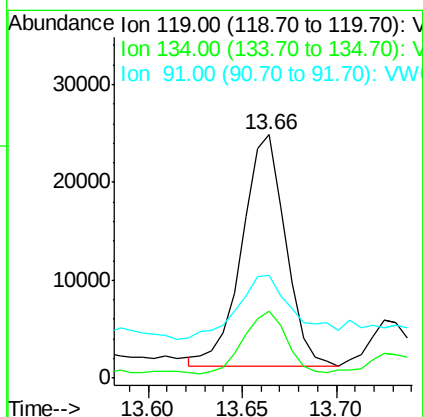
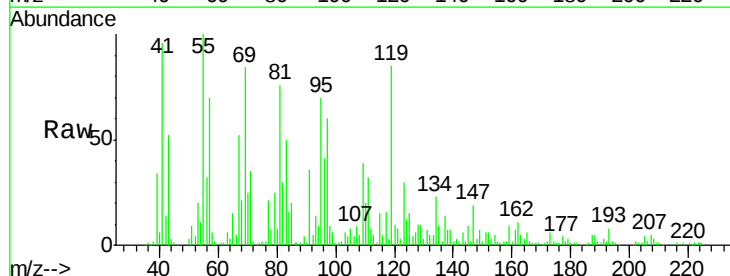
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB479-27-29-180620

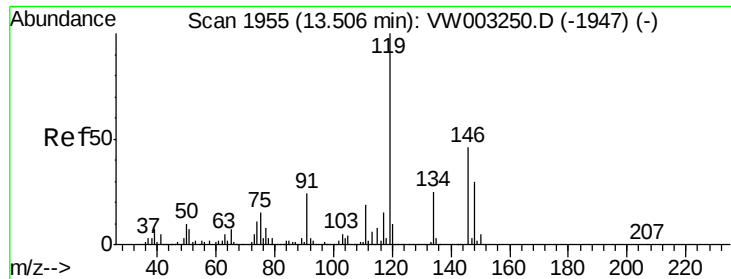
Tgt Ion:105 Resp: 70716
 Ion Ratio Lower Upper
 105 100
 134 46.3 9.8 29.5#



#86
 p-Isopropyltoluene
 Concen: 3.311 ug/l
 RT: 13.66 min Scan# 1981
 Delta R.T. 0.16 min
 Lab File: VW003521.D
 Acq: 24 Jun 2018 19:49

Tgt Ion:119 Resp: 38225
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 35.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 11.605 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. 0.08 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

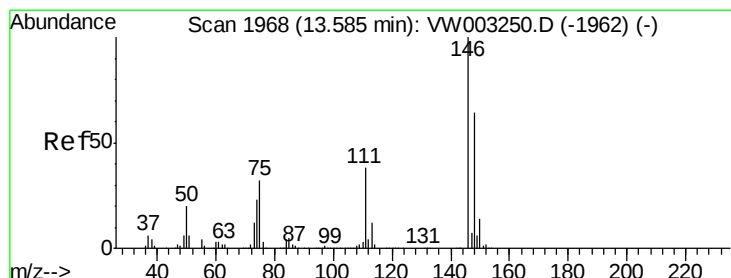
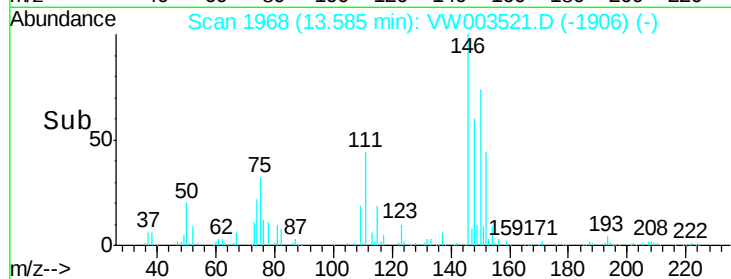
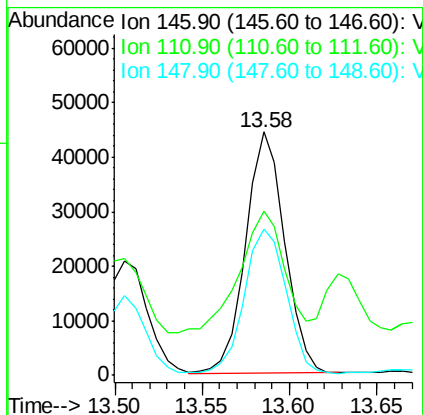
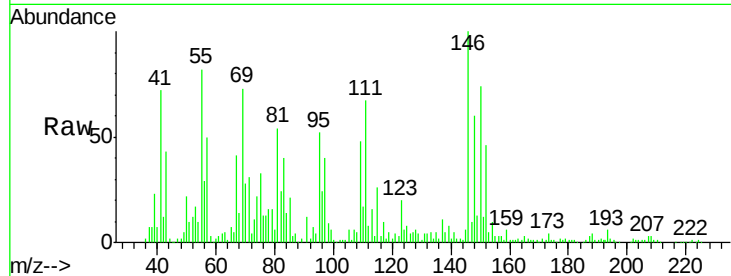
Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-27-29-180620

Tgt Ion:	146	Resp:	68358
Ion	Ratio	Lower	Upper
146	100		
111	56.6	19.8	59.4
148	64.7	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 11.673 ug/l

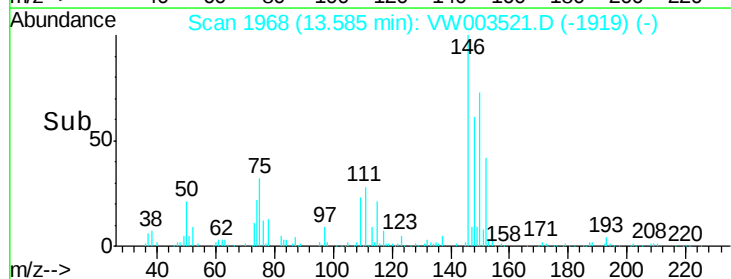
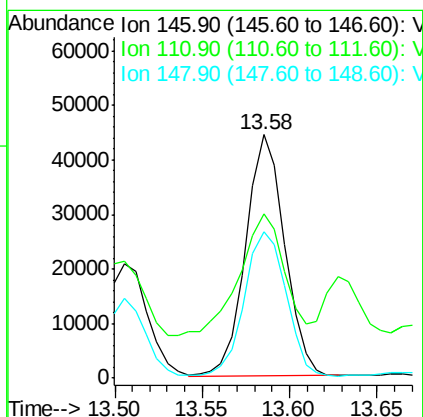
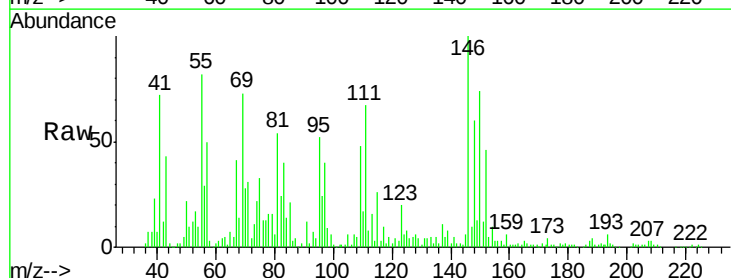
RT: 13.58 min Scan# 1968

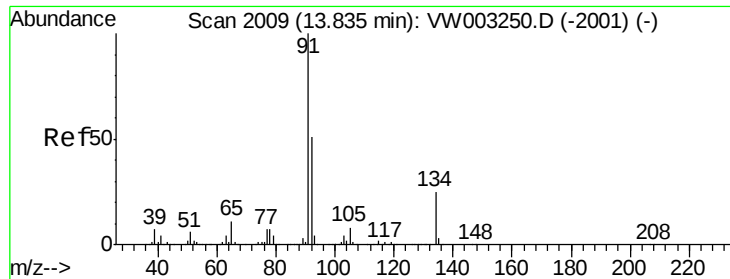
Delta R.T. 0.00 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Tgt Ion:	146	Resp:	68358
Ion	Ratio	Lower	Upper
146	100		
111	56.6	19.2	57.6
148	64.7	31.8	95.4

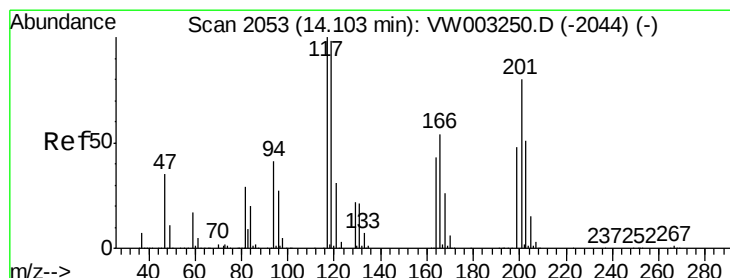
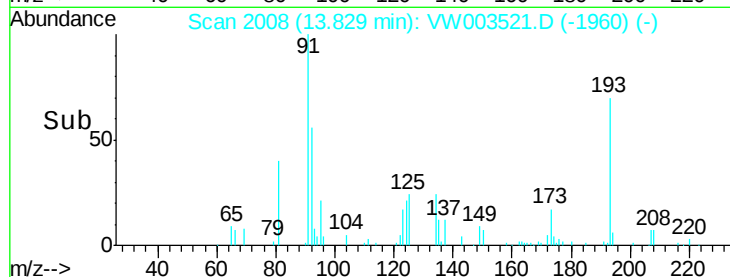
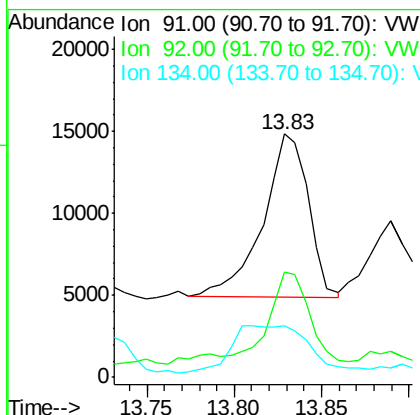
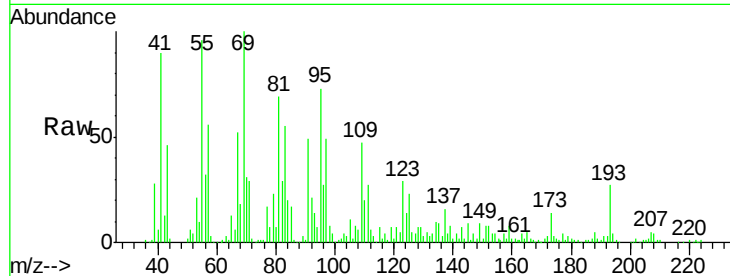




#89
n-Butylbenzene
Concen: 1.605 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.01 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

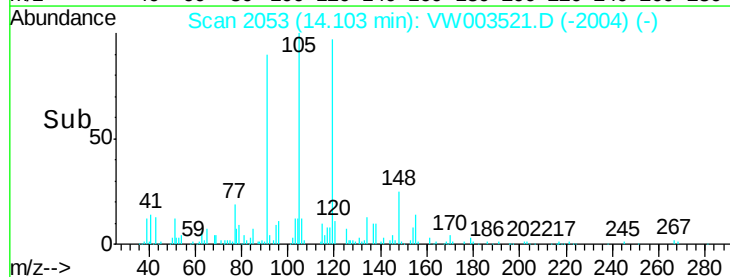
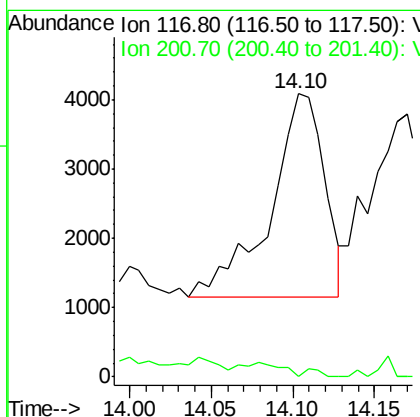
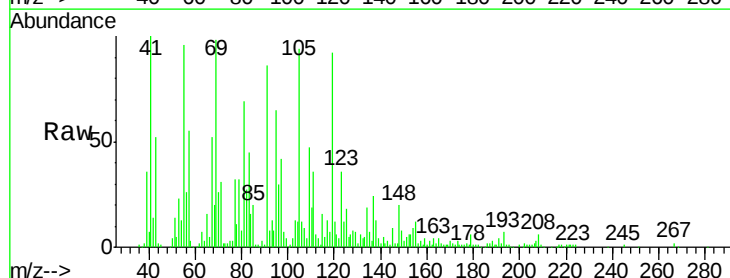
Instrument :
MSVOA_W
ClientSampleId :
WP021SB479-27-29-180620

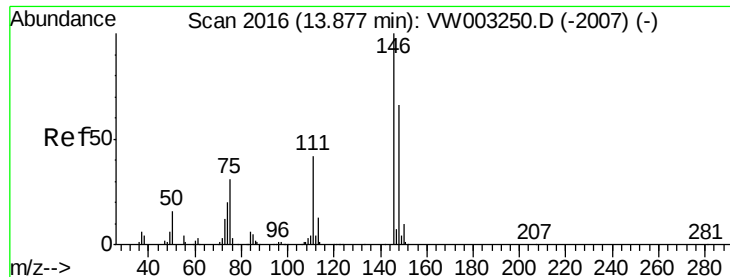
Tgt Ion: 91 Resp: 18060
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 0.0 12.7 38.0#



#90
Hexachloroethane
Concen: 3.231 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003521.D
Acq: 24 Jun 2018 19:49

Tgt Ion: 117 Resp: 6748
Ion Ratio Lower Upper
117 100
201 1.1 39.5 118.5#





#91

1,2-Dichlorobenzene

Concen: 32.706 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

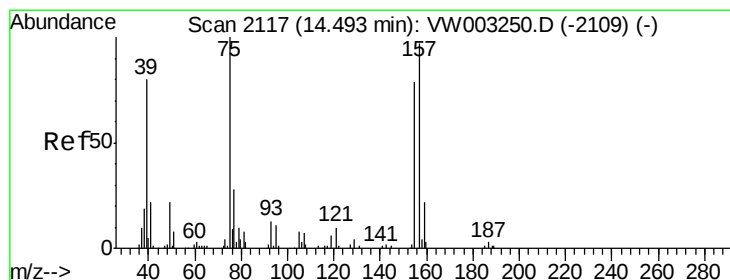
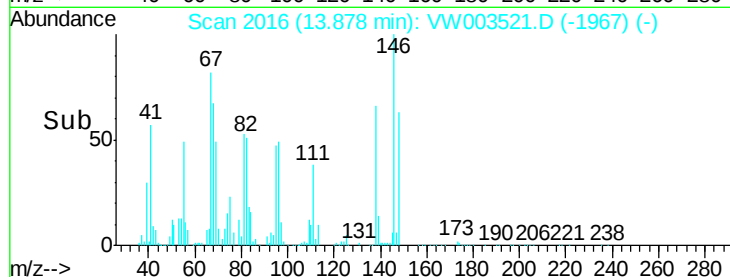
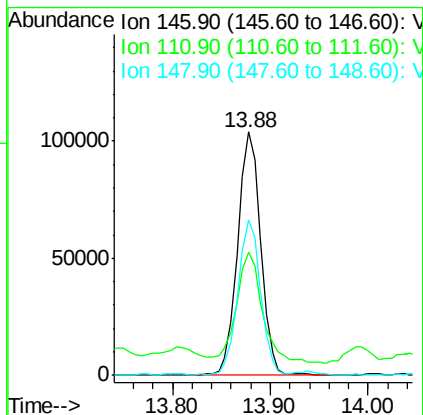
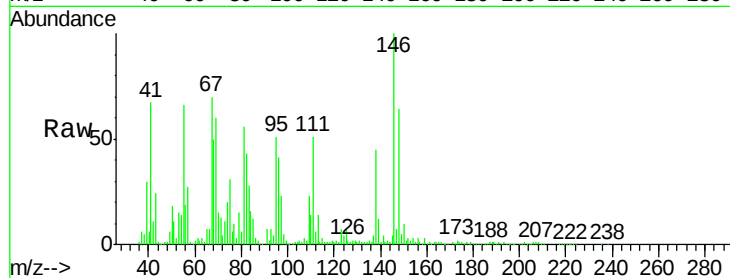
Instrument :

MSVOA_W

ClientSampleId :

WP021SB479-27-29-180620

Tgt Ion:	146	Resp:	168757
Ion	Ratio	Lower	Upper
146	100		
111	52.3	20.3	61.0
148	62.6	32.3	96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.558 ug/l

RT: 14.53 min Scan# 2123

Delta R.T. 0.04 min

Lab File: VW003521.D

Acq: 24 Jun 2018 19:49

Tgt Ion:	75	Resp:	546
Ion	Ratio	Lower	Upper
75	100		
155	0.0	39.4	118.2#
157	0.0	51.5	154.5#

