

Data File : VW003512.D
Acq On : 24 Jun 2018 15:56
Operator : SY/AP
Sample : J3669-14
Misc : 6.12G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-31-33-180620

Quant Time: Jun 24 23:27:29 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	199949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	334912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153941	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125294	57.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.70%	
35) Dibromofluoromethane	7.88	113	108233	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.33	98	387605	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
62) 4-Bromofluorobenzene	12.63	95	147615	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.36	62	1121604	503.749	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	86011	46.437	ug/l	97
11) Tert butyl alcohol	5.24	59	1211	10.426	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	1116632	616.916	ug/l	99
14) Allyl chloride	4.91	41	33022	10.532	ug/l #	20
16) Acetone	4.15	43	85082	187.313	ug/l	99
20) Methylene Chloride	4.92	84	971292	539.308	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	33035	16.770	ug/l	97
24) 1,1-Dichloroethane	6.21	63	36306	9.692	ug/l	99
25) 2-Butanone	7.18	43	130933	231.815	ug/l #	1
27) cis-1,2-Dichloroethene	7.17	96	21084940	9743.546	ug/l	84
28) Bromochloromethane	7.68	49	11429	7.332	ug/l #	15
29) Tetrahydrofuran	7.54	42	1146	3.320	ug/l #	57
30) Chloroform	7.68	83	128645	33.709	ug/l	99
31) Cyclohexane	7.96	56	7331	2.095	ug/l #	31
37) Ethyl Acetate	7.18	43	130933	97.717	ug/l #	69
39) Methylcyclohexane	9.09	83	675415	180.475	ug/l #	1
40) Benzene	8.33	78	54421	6.104	ug/l	98
41) Methacrylonitrile	7.55	41	1819	2.212	ug/l #	47
42) 1,2-Dichloroethane	8.40	62	34206	12.246	ug/l	98
43) Isopropyl Acetate	8.49	43	5032	1.891	ug/l #	53
45) 1,2-Dichloropropane	9.09	63	229471	101.090	ug/l #	1
49) 1,4-Dioxane	9.49	88	463	26.385	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	337936	249.268	ug/l	99
52) Toluene	10.40	92	7257290	1269.406	ug/l	93
53) t-1,3-Dichloropropene	10.40	75	89838	29.522	ug/l #	1
55) 1,1,2-Trichloroethane	10.79	97	57985	35.407	ug/l	98
59) 2-Hexanone	10.84	43	8188	8.645	ug/l	73
60) Dibromochloromethane	10.87	129	29786	15.294	ug/l #	10
64) Tetrachloroethene	10.87	164	35311	17.643	ug/l	94
65) Chlorobenzene	11.66	112	108562	17.422	ug/l	96
67) Ethyl Benzene	11.74	91	73353	6.641	ug/l	98
68) m/p-Xylenes	11.84	106	107656	25.639	ug/l	98
69) o-Xylene	12.17	106	57736	14.837	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
Quantitation Report (Not Reviewed)

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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)
70) Styrene	12.19	104	14139	2.183	ug/l #	40
73) Isopropylbenzene	12.47	105	11402	1.065	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	78714	59.812	ug/l #	100
78) n-propylbenzene	12.81	91	22075	1.684	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	57142	6.358	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	78714	137.631	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.26	105	156276	16.904	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	85660	16.722	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	362425	71.167	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	2031690	452.772	ug/l	99
95) Naphthalene	15.38	128	120553	22.561	ug/l	99

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

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Sample : J3669-14

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```
ALS Vial      : 12      Sample Multiplier: 1
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Instrument :
MSVOA_W

ClientSampleId :
WP021SB483-31-33-180620

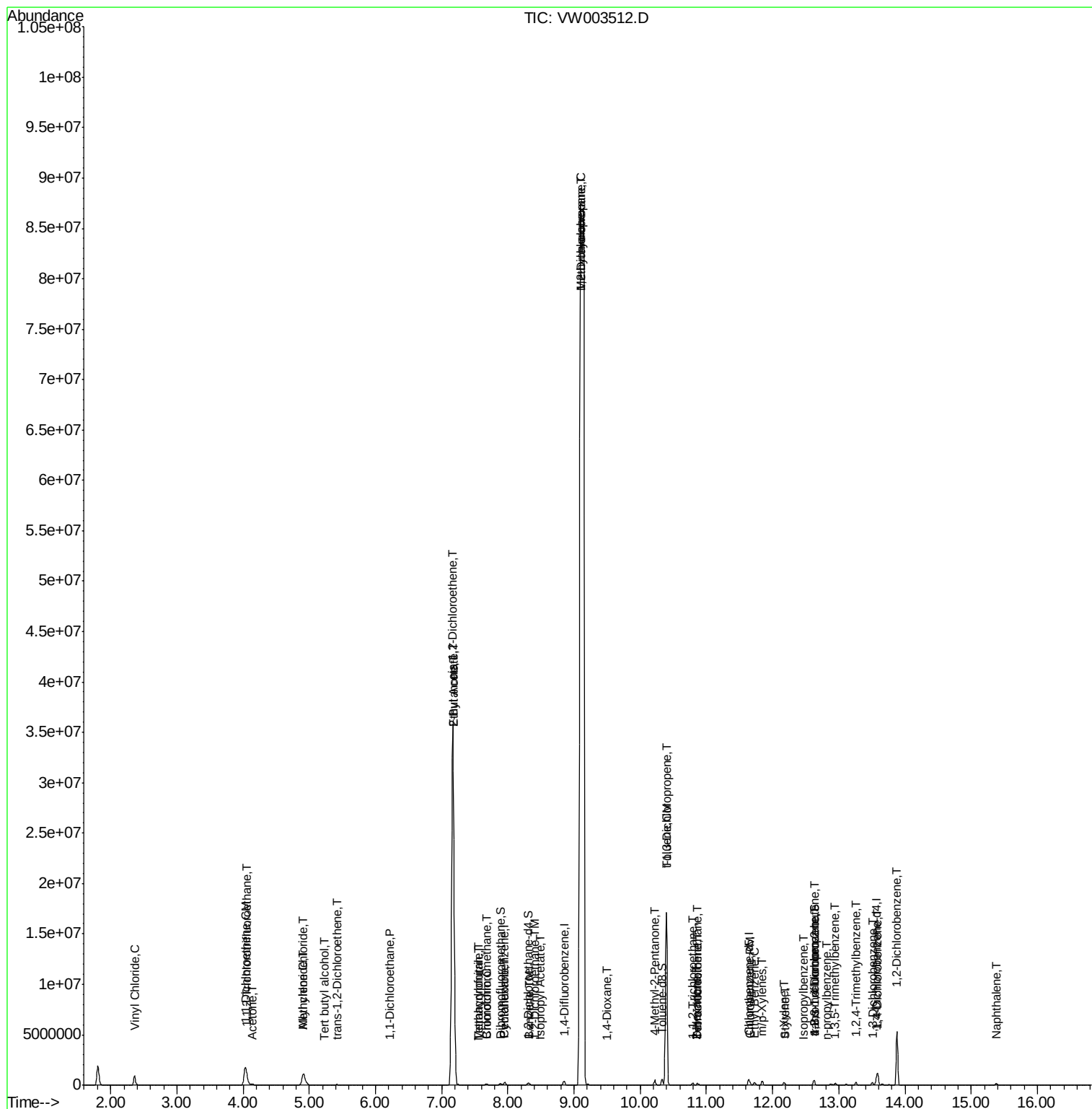
Quant Time: Jun 24 23:27:29 2018

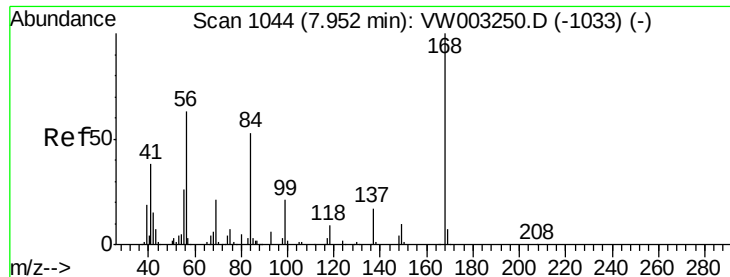
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W061318S.M

Quant Title : SW846 8260

QLast Update : Sat Jun 16 05:18:54 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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Acq: 24 Jun 2018 15:56

Instrument :

MSVOA_W

ClientSampleId :

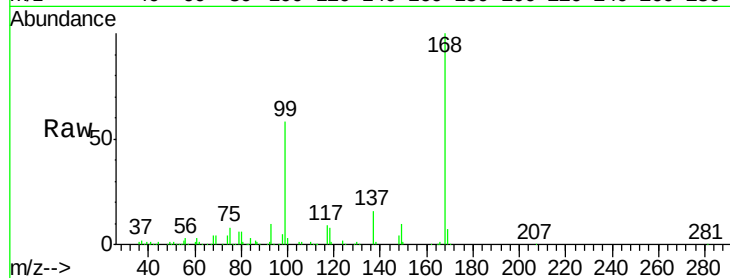
WP021SB483-31-33-180620

Tgt Ion:168 Resp: 199949

Ion Ratio Lower Upper

168 100

99 57.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

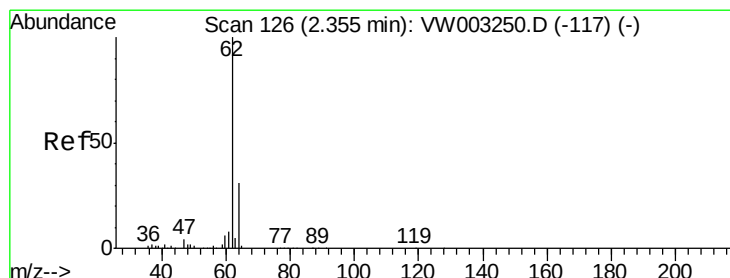
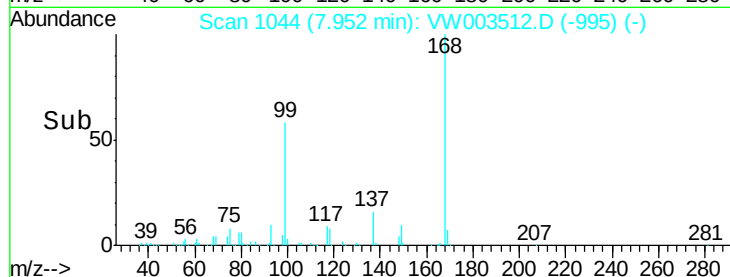
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 503.749 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003512.D

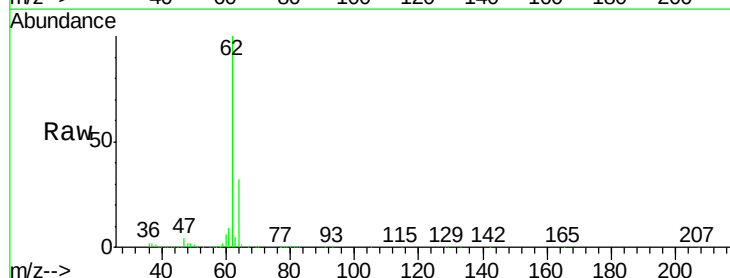
Acq: 24 Jun 2018 15:56

Tgt Ion: 62 Resp: 1121604

Ion Ratio Lower Upper

62 100

64 32.2 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

600000

500000

400000

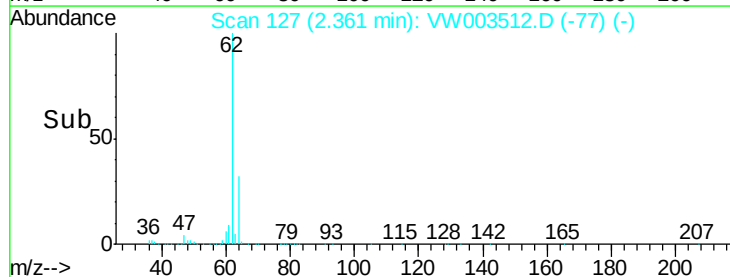
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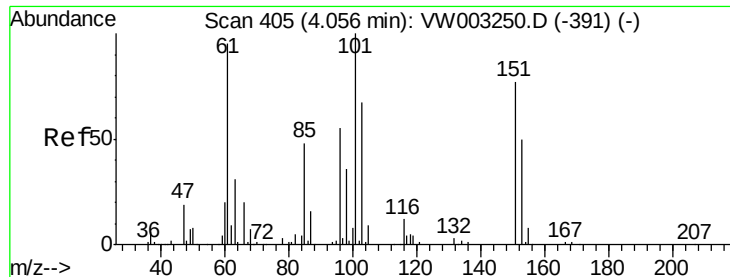
200000

100000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.437 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003512.D

Acq: 24 Jun 2018 15:56

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-31-33-180620

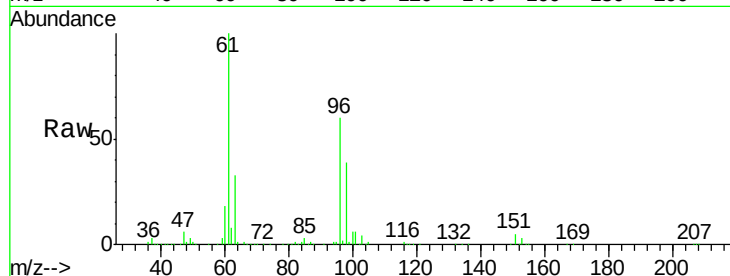
Tgt Ion:101 Resp: 86011

Ion Ratio Lower Upper

101 100

85 44.6 37.0 55.6

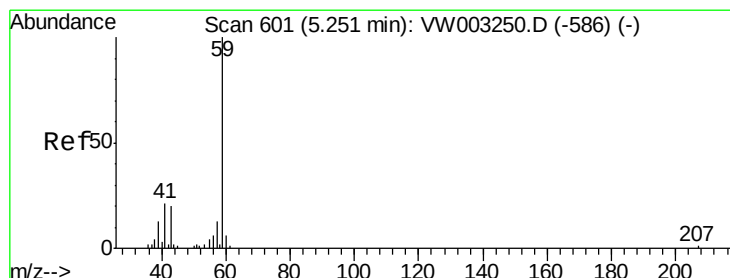
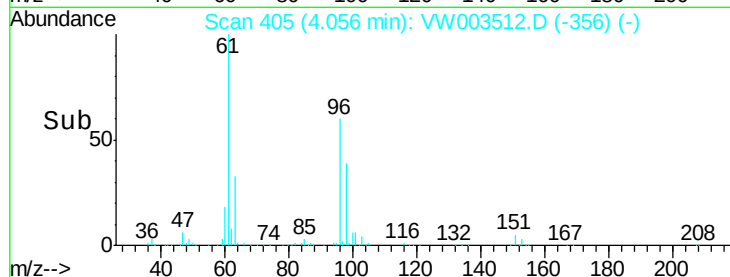
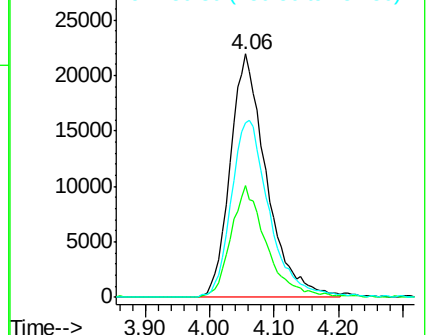
151 76.1 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 10.426 ug/l

RT: 5.24 min Scan# 599

Delta R.T. -0.01 min

Lab File: VW003512.D

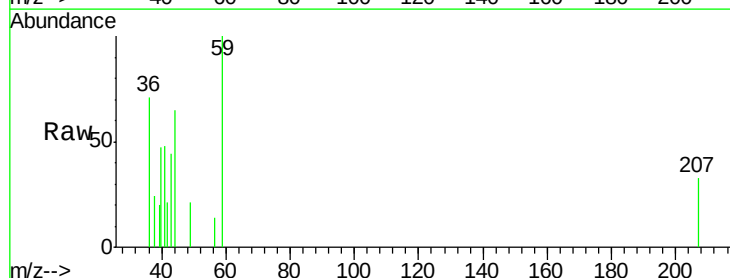
Acq: 24 Jun 2018 15:56

Tgt Ion: 59 Resp: 1211

Ion Ratio Lower Upper

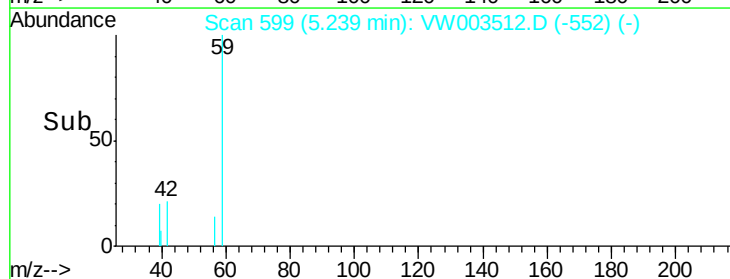
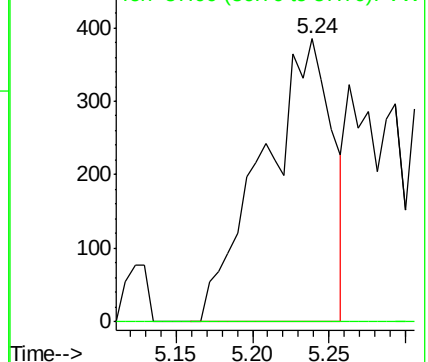
59 100

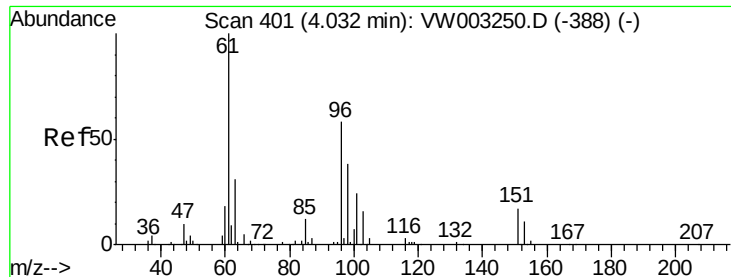
57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

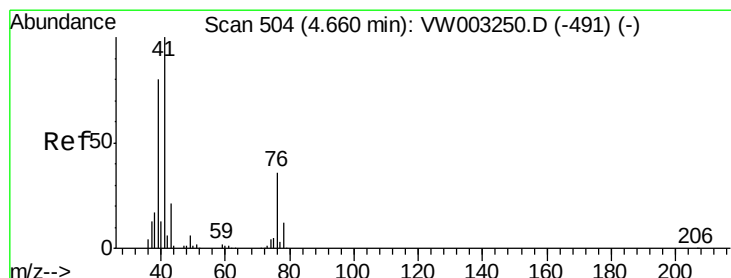
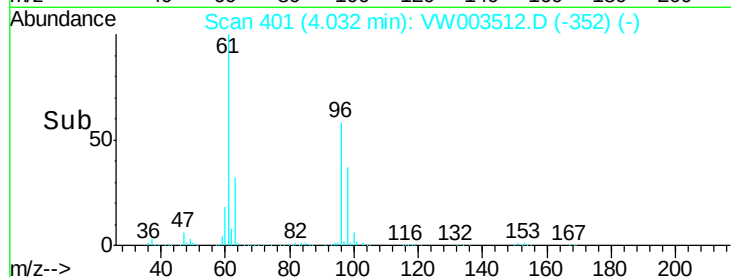
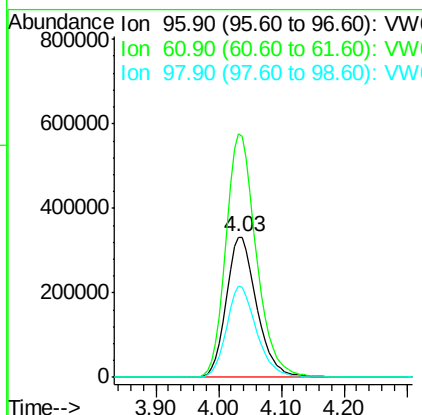
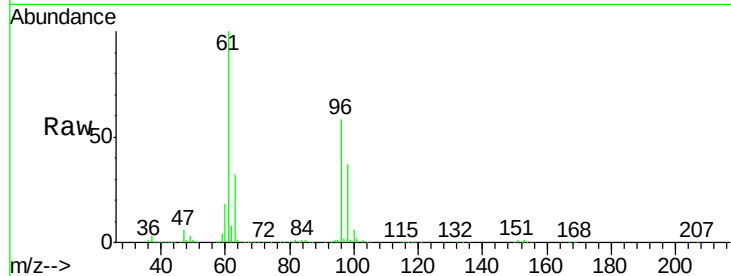




#12
 1,1-Dichloroethene
 Concen: 616.916 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

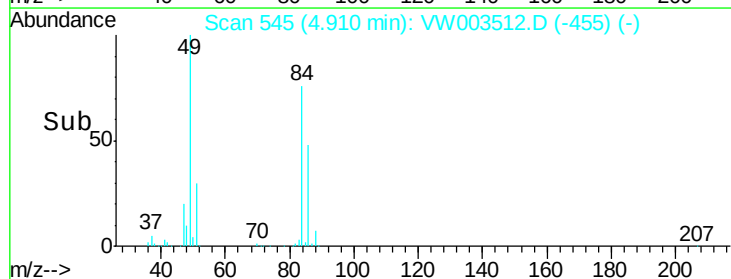
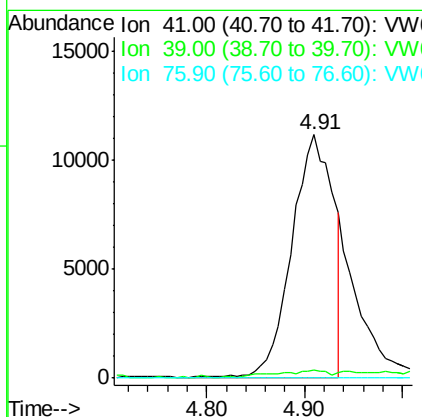
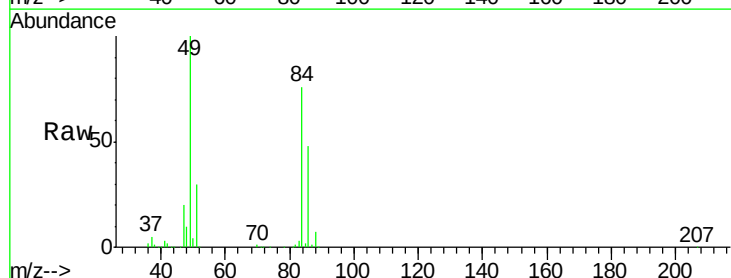
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-31-33-180620

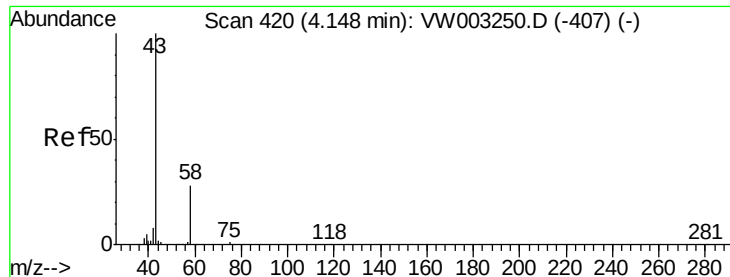
Tgt Ion: 96 Resp: 1116632
 Ion Ratio Lower Upper
 96 100
 61 173.2 139.0 208.4
 98 64.7 53.3 79.9



#14
 Allyl chloride
 Concen: 10.532 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.25 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

Tgt Ion: 41 Resp: 33022
 Ion Ratio Lower Upper
 41 100
 39 1.6 63.2 94.8#
 76 0.0 28.0 42.0#





#16

Acetone

Concen: 187.313 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003512.D

Acq: 24 Jun 2018 15:56

Instrument :

MSVOA_W

ClientSampleId :

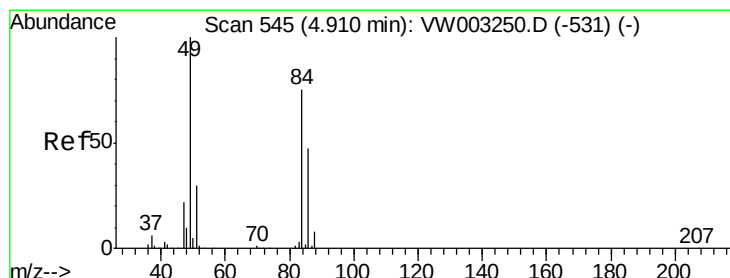
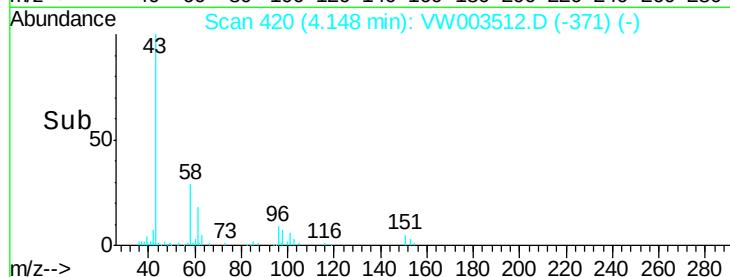
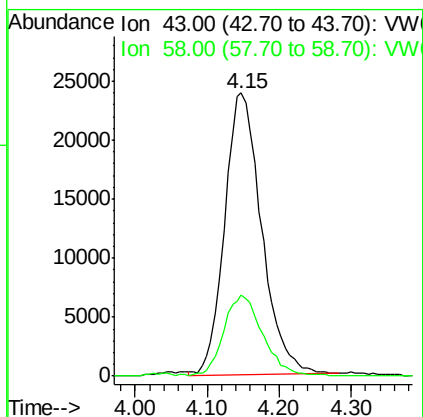
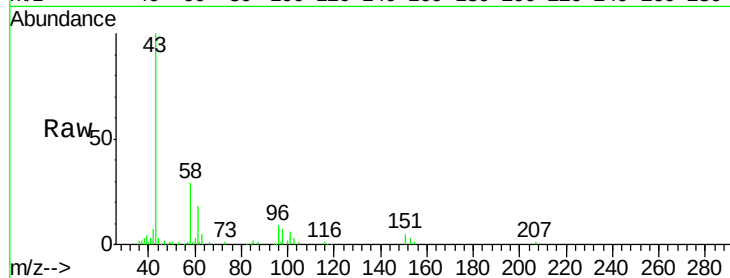
WP021SB483-31-33-180620

Tgt Ion: 43 Resp: 85082

Ion Ratio Lower Upper

43 100

58 29.1 22.6 34.0



#20

Methylene Chloride

Concen: 539.308 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003512.D

Acq: 24 Jun 2018 15:56

Tgt Ion: 84 Resp: 971292

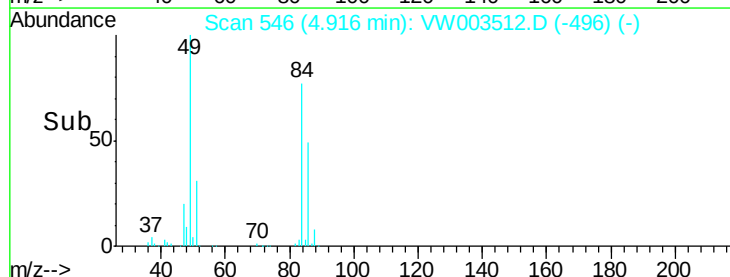
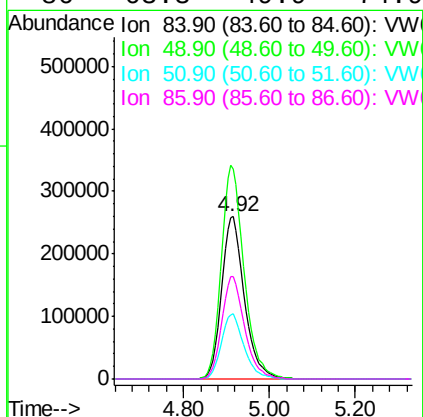
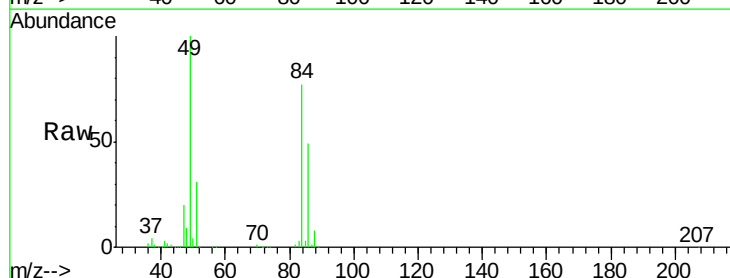
Ion Ratio Lower Upper

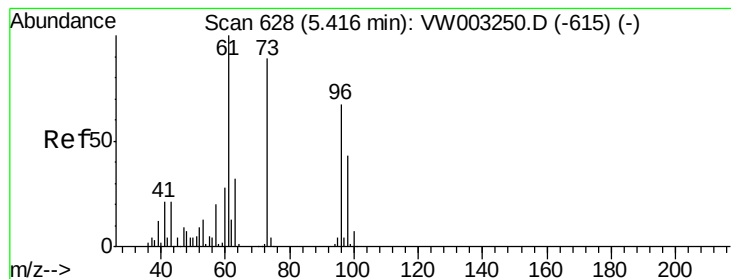
84 100

49 129.2 106.3 159.5

51 40.0 32.0 48.0

86 63.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 16.770 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

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ClientSampleId :

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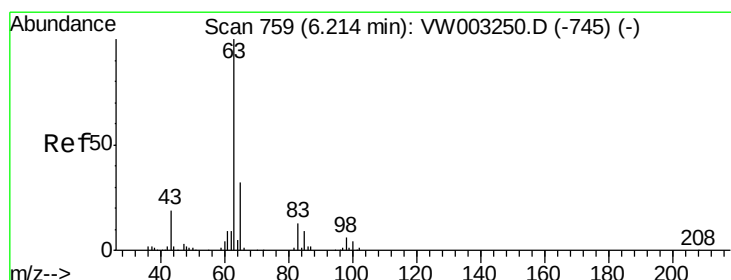
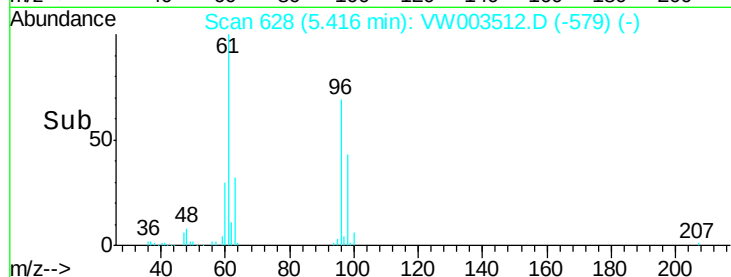
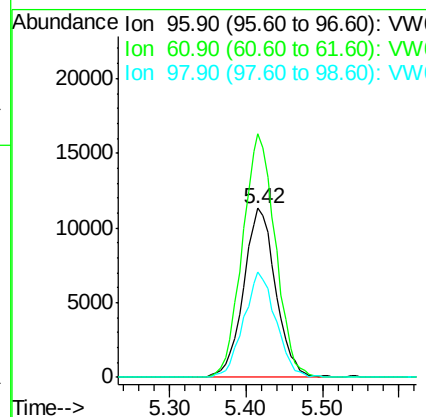
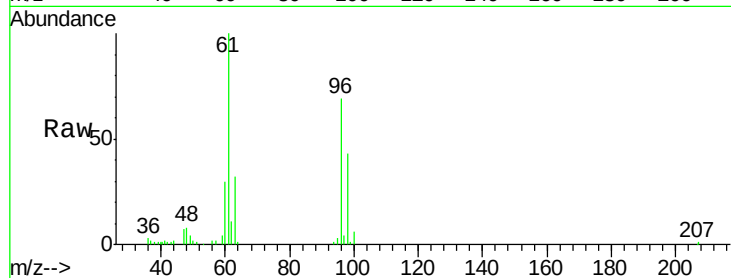
Tgt Ion: 96 Resp: 33035

Ion Ratio Lower Upper

96 100

61 144.0 118.7 178.1

98 62.3 51.0 76.6



#24

1,1-Dichloroethane

Concen: 9.692 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003512.D

Acq: 24 Jun 2018 15:56

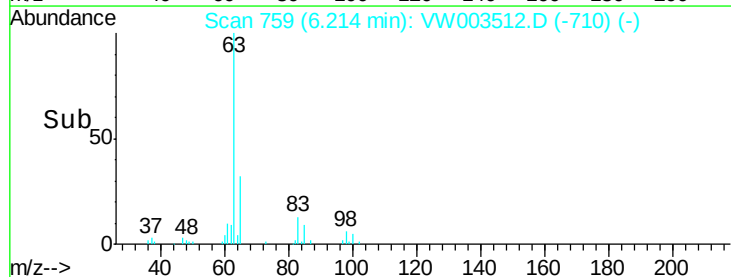
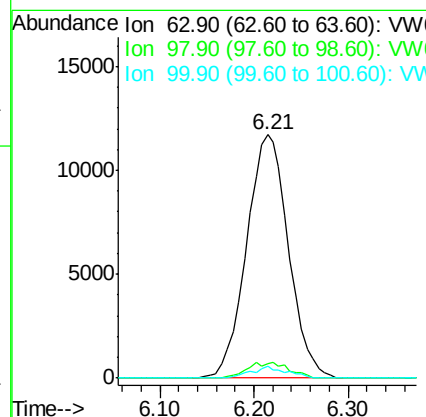
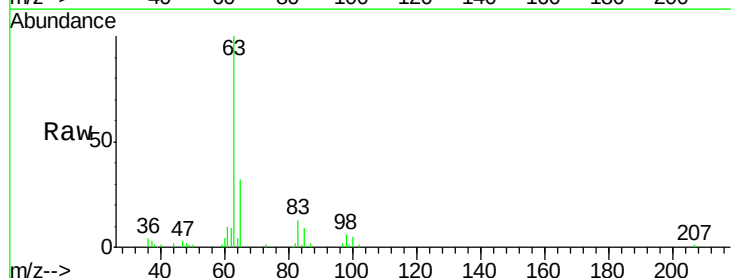
Tgt Ion: 63 Resp: 36306

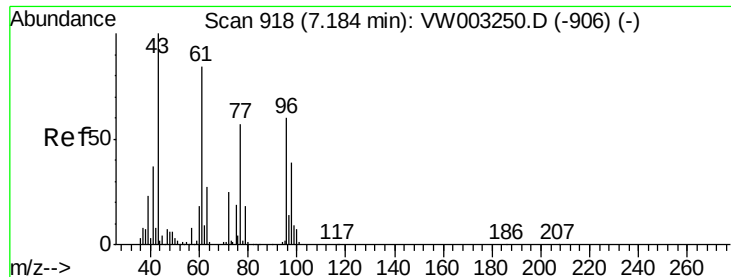
Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.3

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 231.815 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003512.D

Acq: 24 Jun 2018 15:56

Instrument :

MSVOA_W

ClientSampleId :

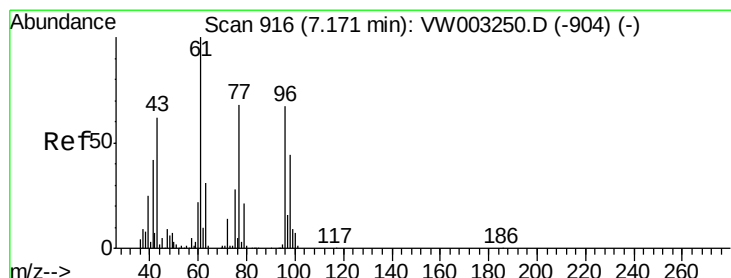
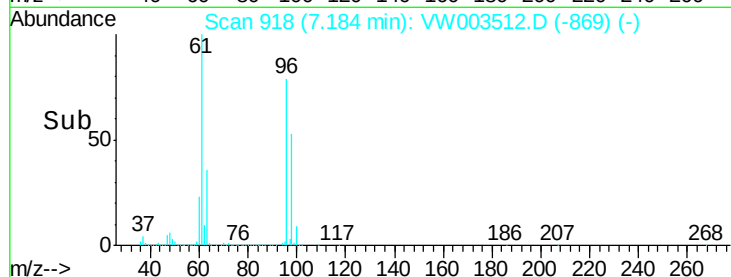
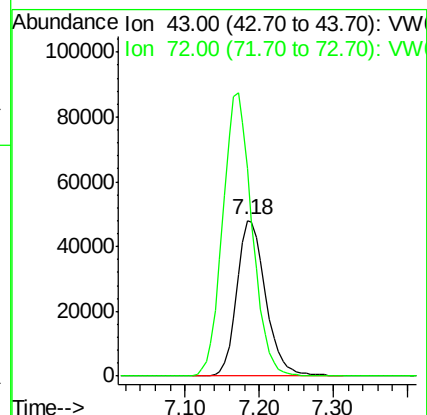
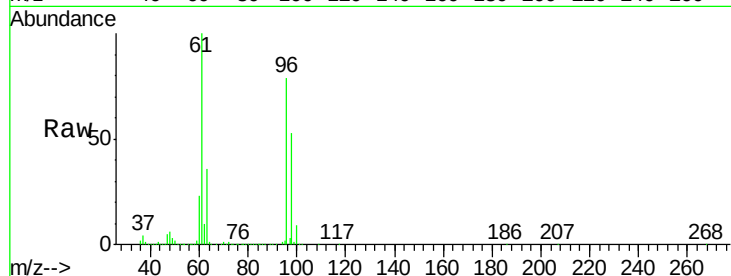
WP021SB483-31-33-180620

Tgt Ion: 43 Resp: 130933

Ion Ratio Lower Upper

43 100

72 133.4 20.3 30.5#



#27

cis-1,2-Dichloroethene

Concen: 9743.546 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003512.D

Acq: 24 Jun 2018 15:56

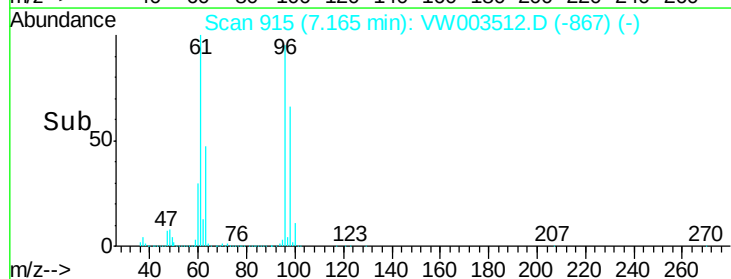
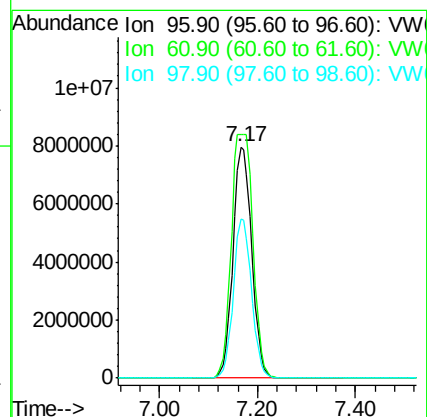
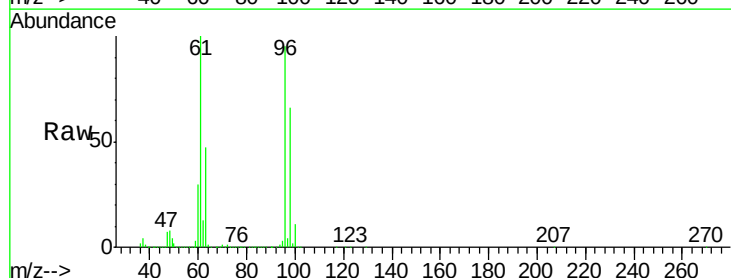
Tgt Ion: 96 Resp: 21084940

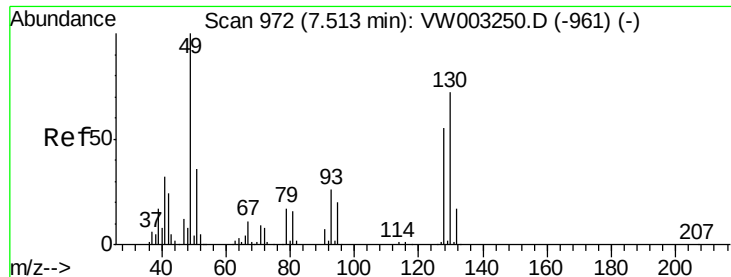
Ion Ratio Lower Upper

96 100

61 122.2 0.0 298.8

98 67.0 0.0 130.4

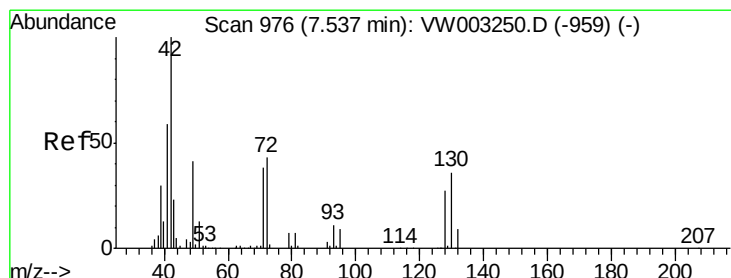
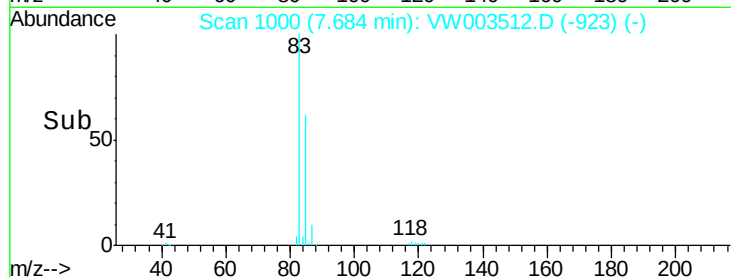
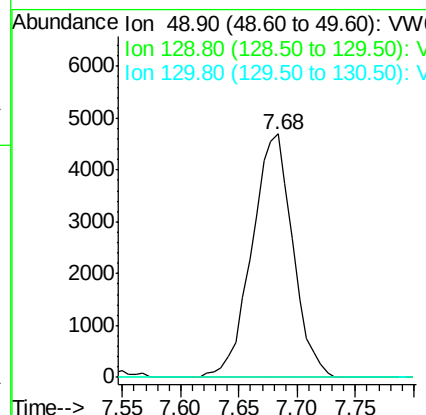
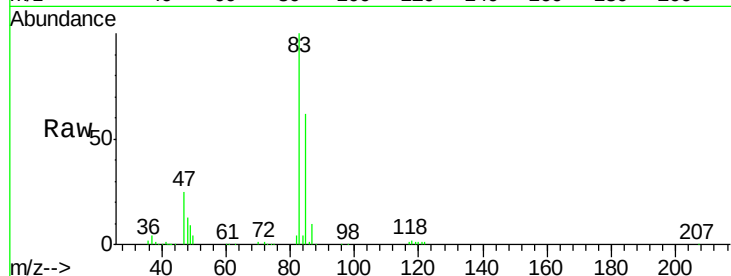




#28
Bromochloromethane
Concen: 7.332 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.17 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

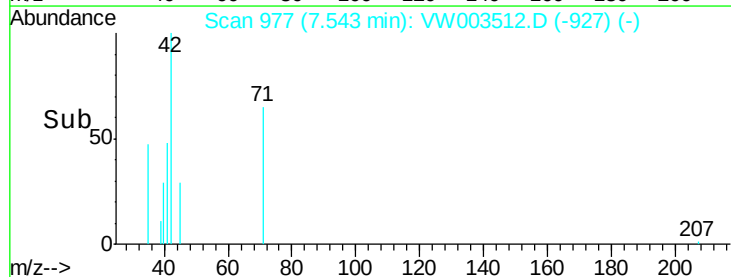
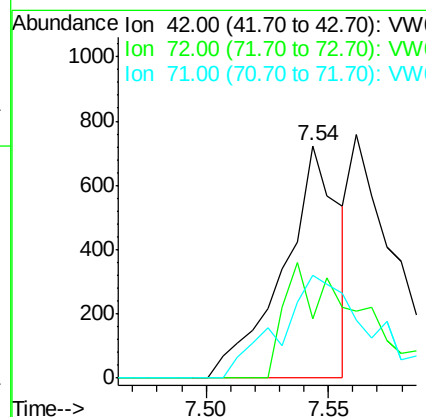
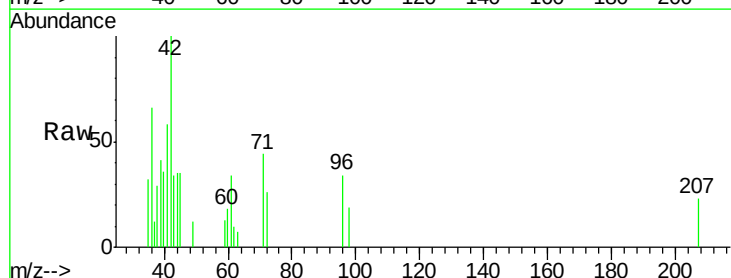
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-31-33-180620

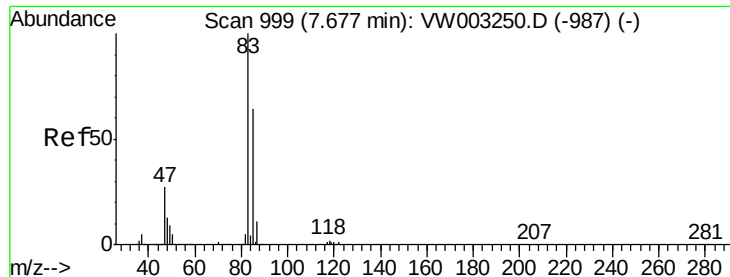
Tgt Ion: 49 Resp: 11429
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 59.4 89.2#



#29
Tetrahydrofuran
Concen: 3.320 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

Tgt Ion: 42 Resp: 1146
Ion Ratio Lower Upper
42 100
72 64.0 32.4 48.6#
71 68.5 31.2 46.8#

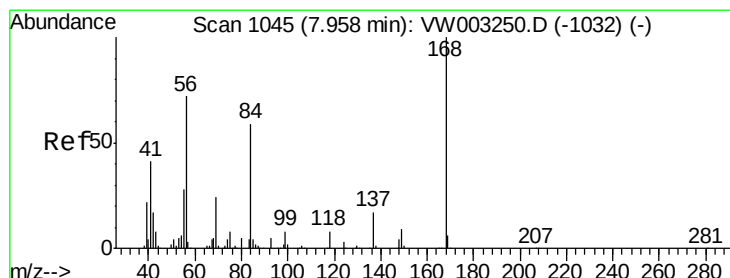
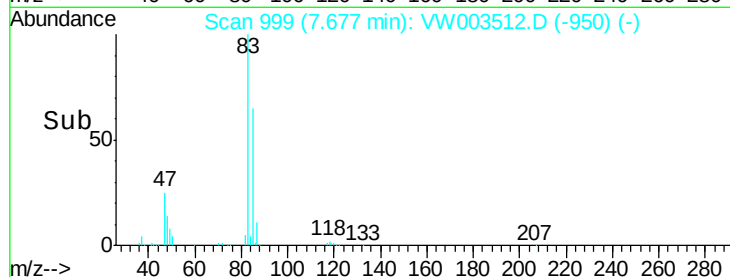
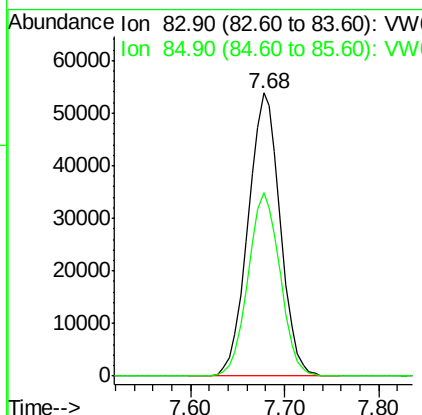
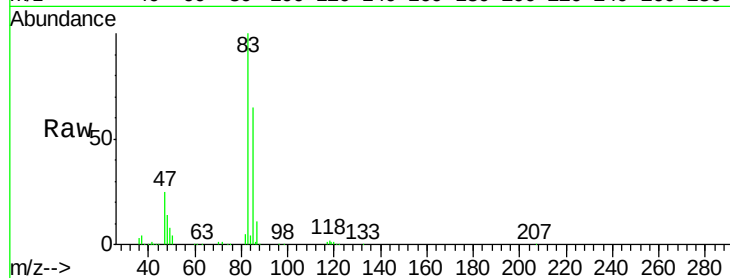




#30
Chloroform
Concen: 33.709 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

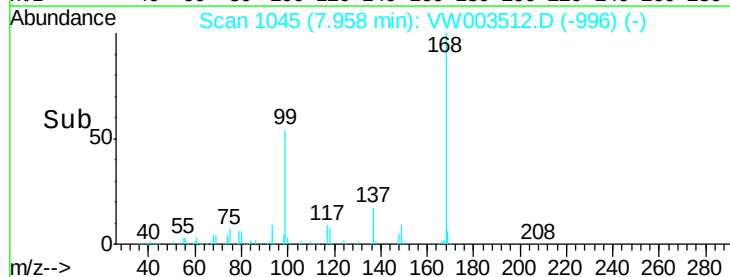
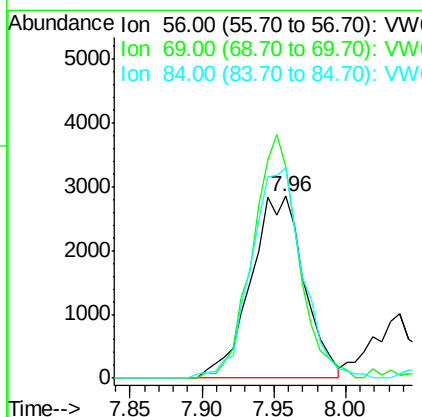
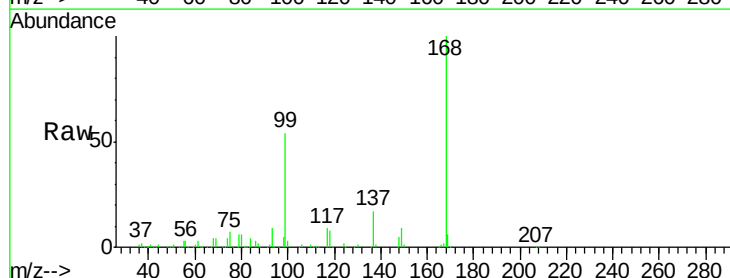
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-31-33-180620

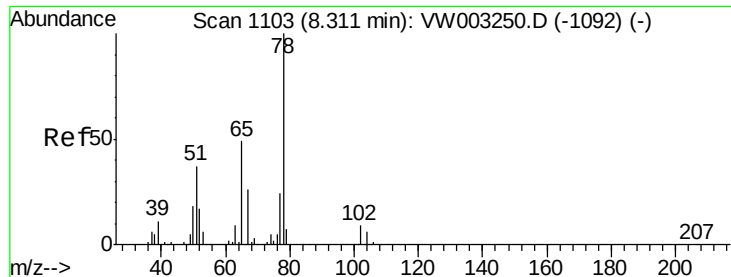
Tgt Ion: 83 Resp: 128645
Ion Ratio Lower Upper
83 100
85 64.8 51.3 76.9



#31
Cyclohexane
Concen: 2.095 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

Tgt Ion: 56 Resp: 7331
Ion Ratio Lower Upper
56 100
69 116.7 26.3 39.5#
84 115.7 65.7 98.5#

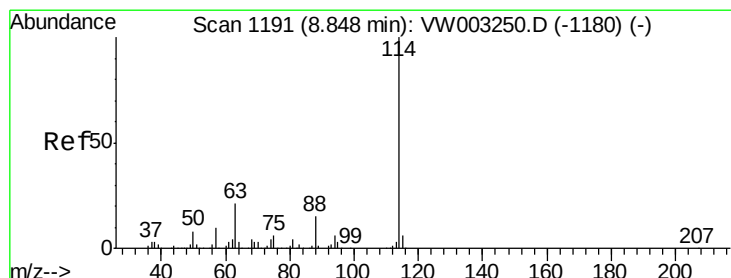
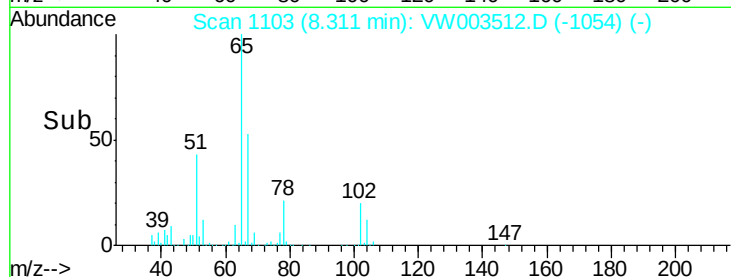
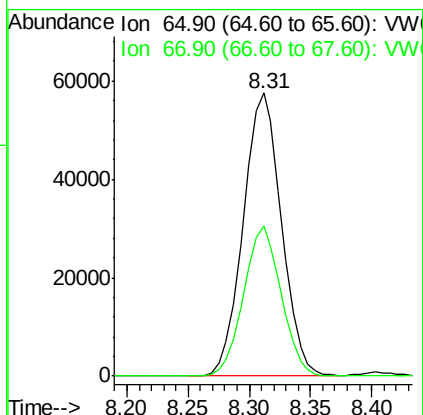
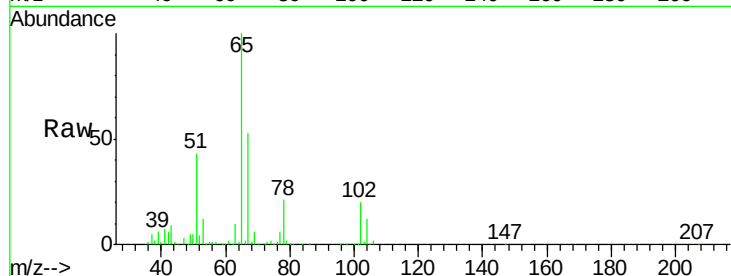




#33
 1,2-Dichloroethane-d4
 Concen: 57.852 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

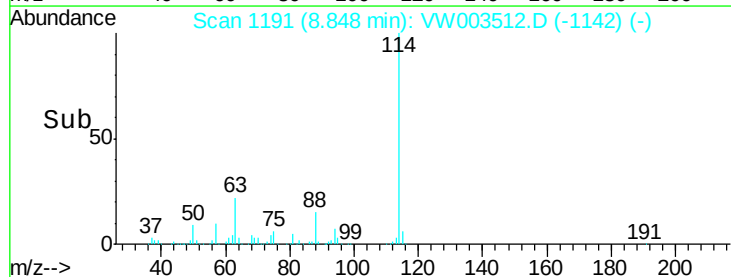
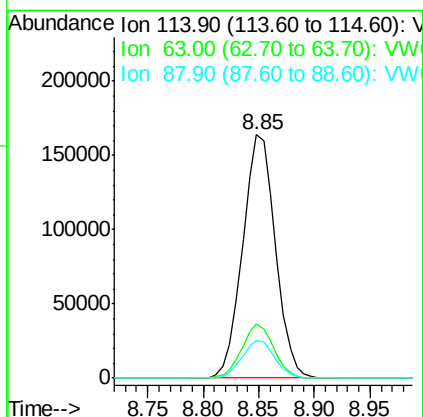
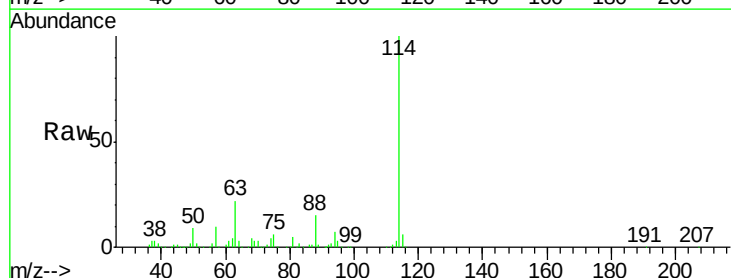
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-31-33-180620

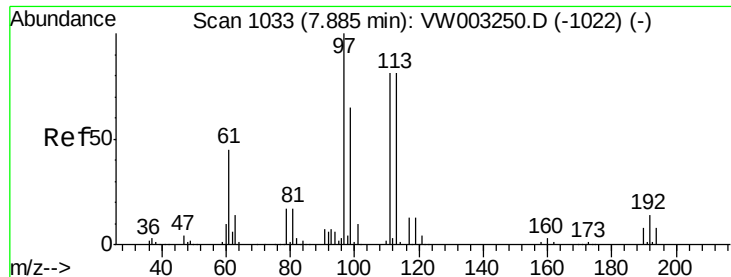
Tgt Ion: 65 Resp: 125294
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

Tgt Ion: 114 Resp: 334912
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.0
 88 15.2 0.0 29.6

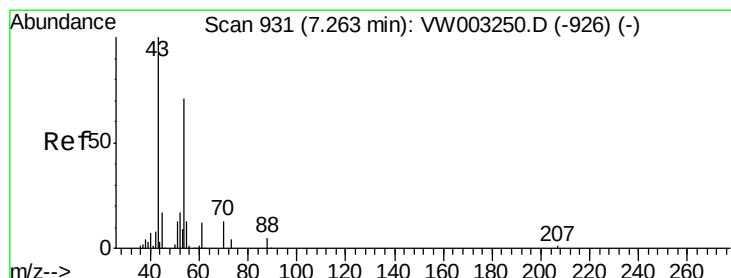
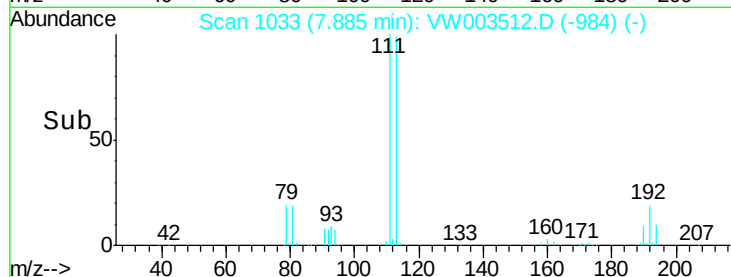
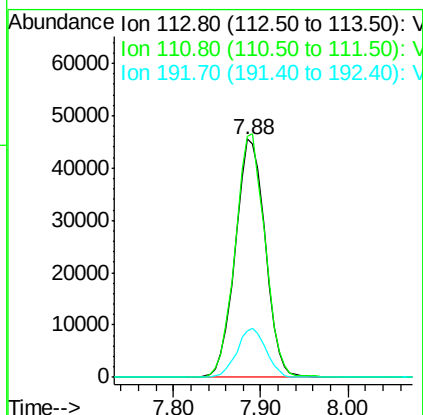
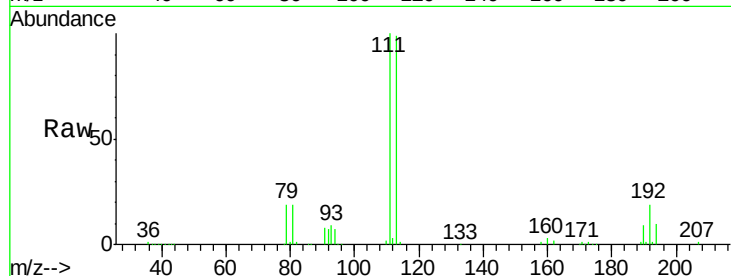




#35
 Dibromofluoromethane
 Concen: 52.009 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

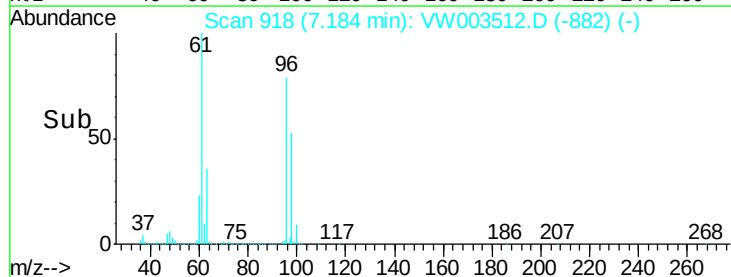
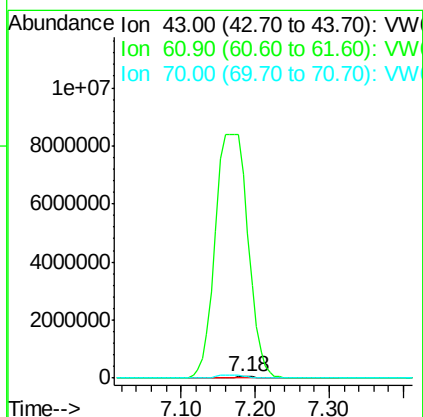
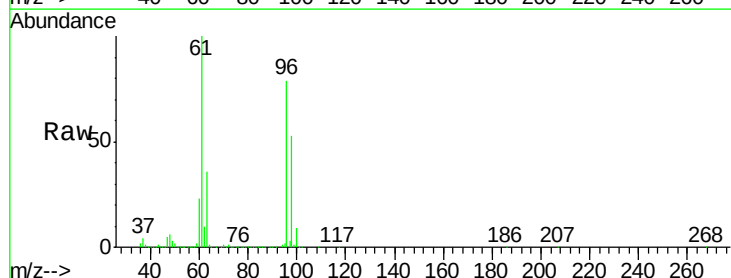
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-31-33-180620

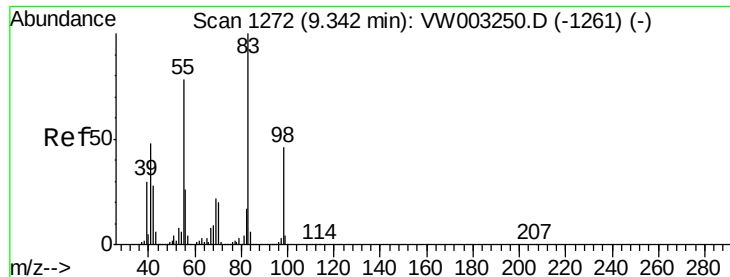
Tgt Ion:113 Resp: 108233
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.2
 192 20.0 16.2 24.2



#37
 Ethyl Acetate
 Concen: 97.717 ug/l
 RT: 7.18 min Scan# 918
 Delta R.T. -0.08 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

Tgt Ion: 43 Resp: 130933
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.8 16.2#
 70 0.0 7.8 11.6#

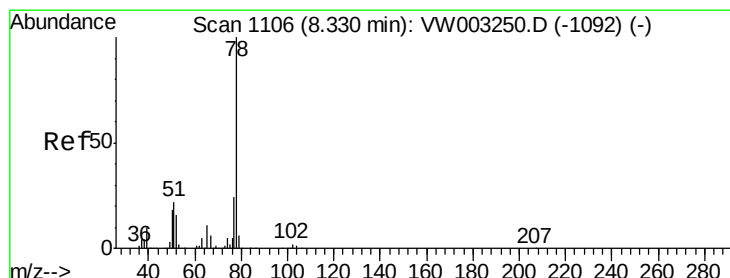
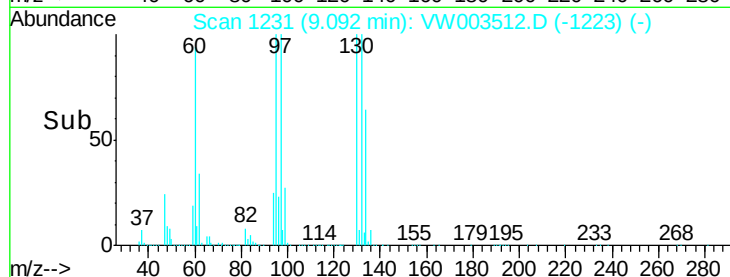
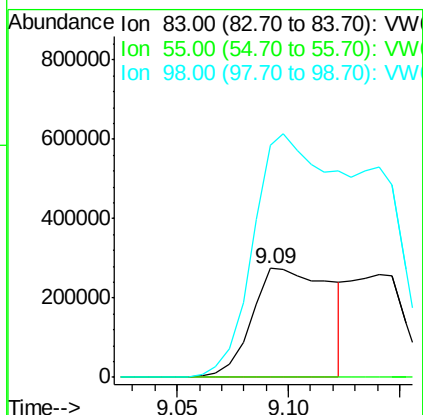
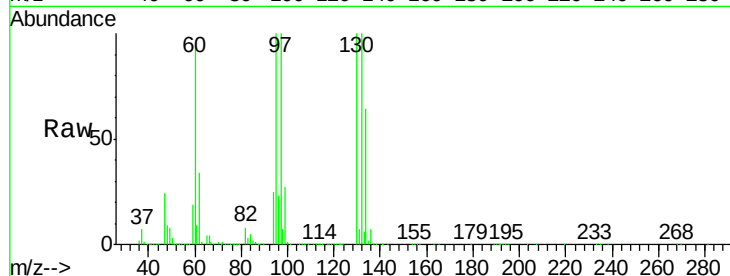




#39
Methylcyclohexane
Concen: 180.475 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.25 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

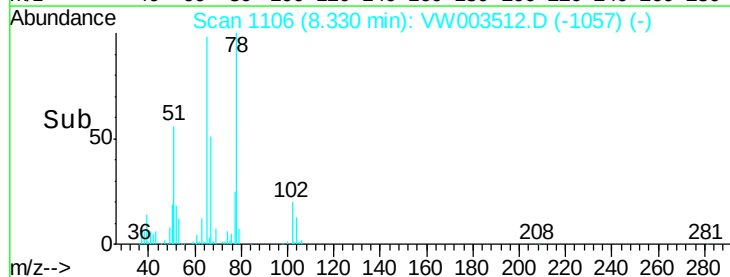
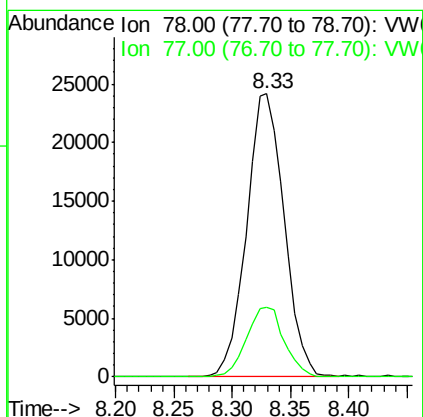
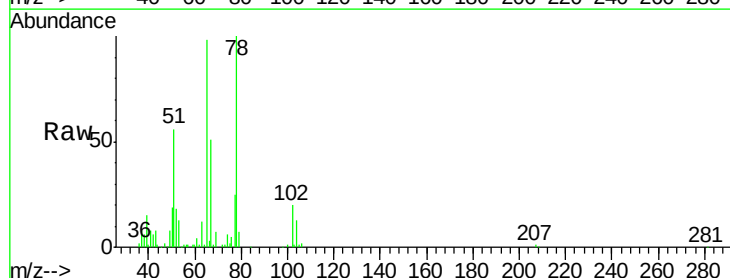
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-31-33-180620

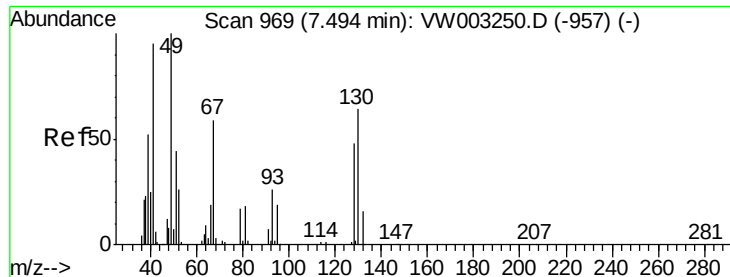
Tgt Ion: 83 Resp: 675415
Ion Ratio Lower Upper
83 100
55 0.2 62.6 93.8#
98 212.5 37.0 55.4#



#40
Benzene
Concen: 6.104 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

Tgt Ion: 78 Resp: 54421
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6

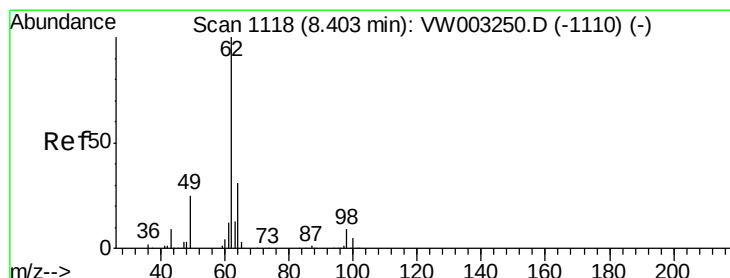
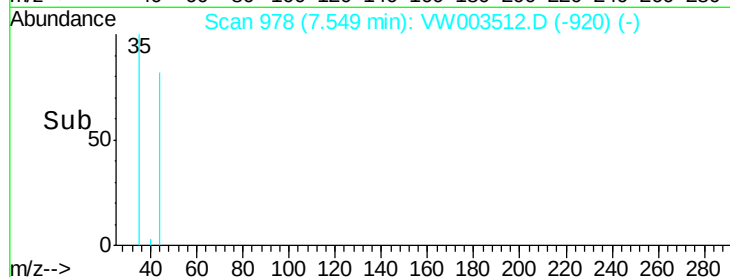
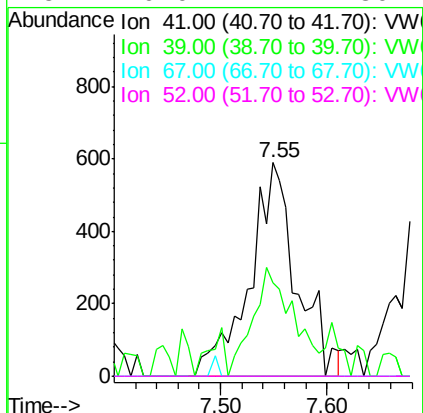
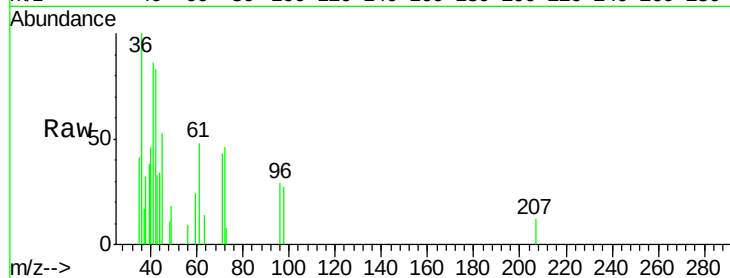




#41
Methacrylonitrile
Concen: 2.212 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.05 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

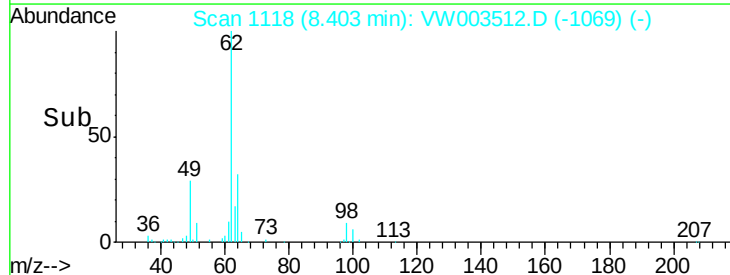
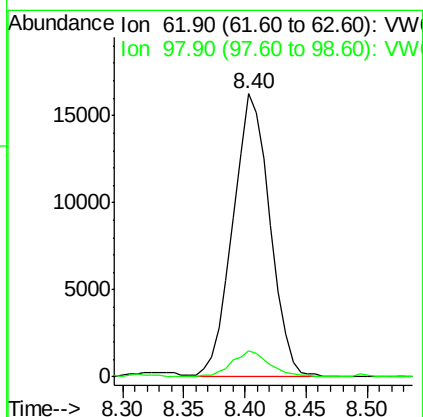
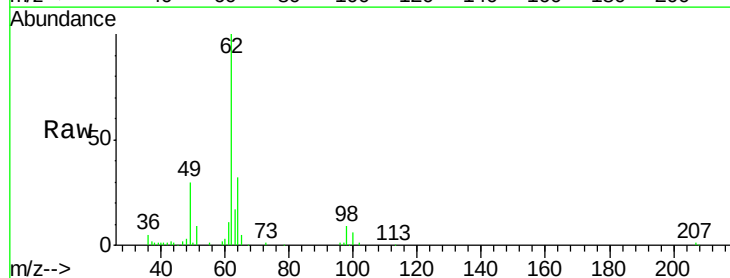
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-31-33-180620

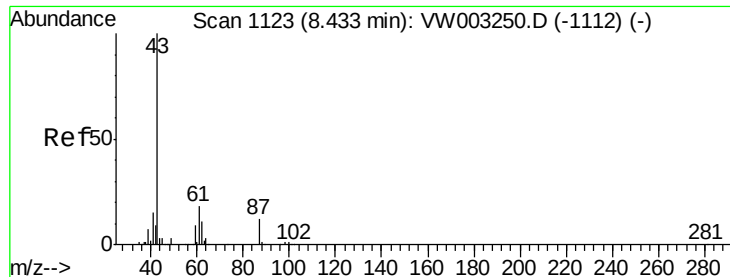
Tgt Ion: 41 Resp: 1819
Ion Ratio Lower Upper
41 100
39 44.0 45.8 68.8#
67 0.0 52.3 78.5#
52 0.0 24.1 36.1#



#42
1,2-Dichloroethane
Concen: 12.246 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

Tgt Ion: 62 Resp: 34206
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.2





#43

Isopropyl Acetate

Concen: 1.891 ug/l

RT: 8.49 min Scan# 1132

Delta R.T. 0.05 min

Lab File: VW003512.D

Acq: 24 Jun 2018 15:56

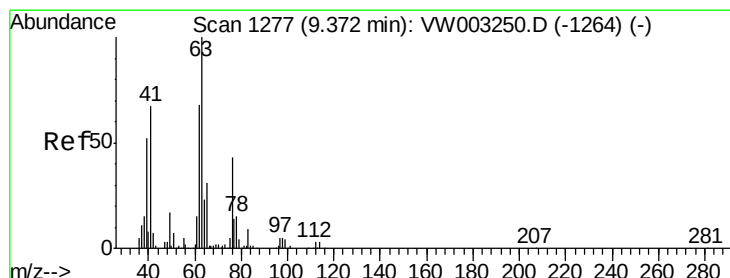
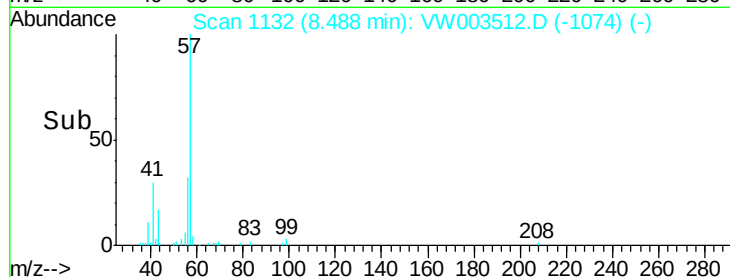
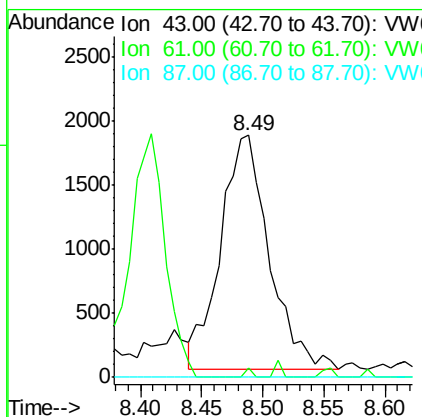
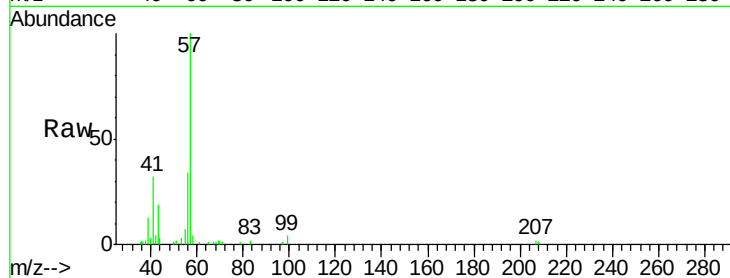
Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-31-33-180620

Tgt Ion:	43	Resp:	5032
Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.1	34.7#
87	0.0	9.8	14.6#



#45

1,2-Dichloropropane

Concen: 101.090 ug/l

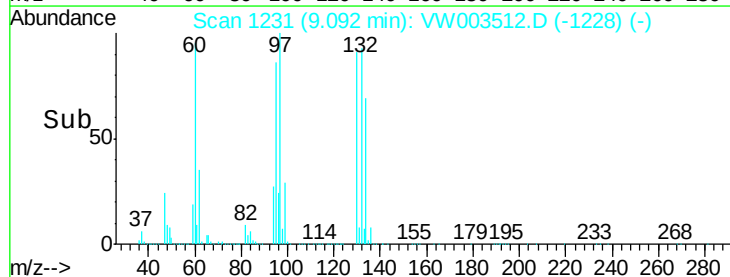
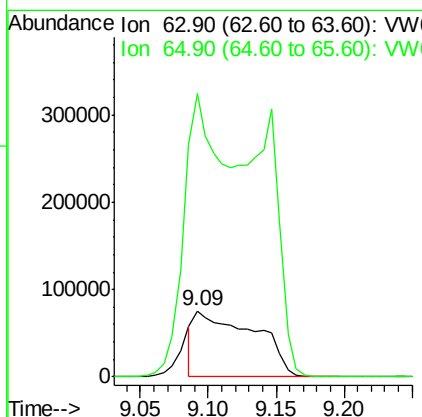
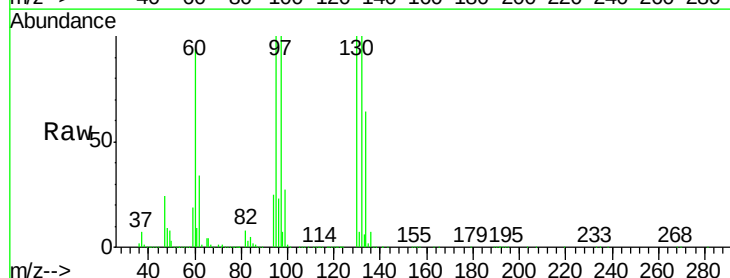
RT: 9.09 min Scan# 1231

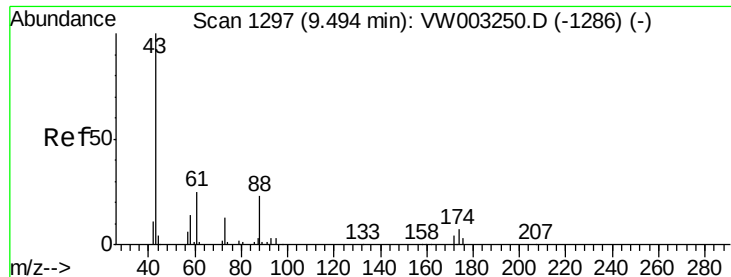
Delta R.T. -0.28 min

Lab File: VW003512.D

Acq: 24 Jun 2018 15:56

Tgt Ion:	63	Resp:	229471
Ion	Ratio	Lower	Upper
63	100		
65	426.9	25.1	37.7#

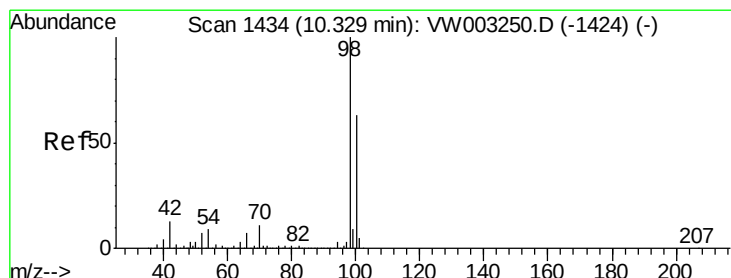
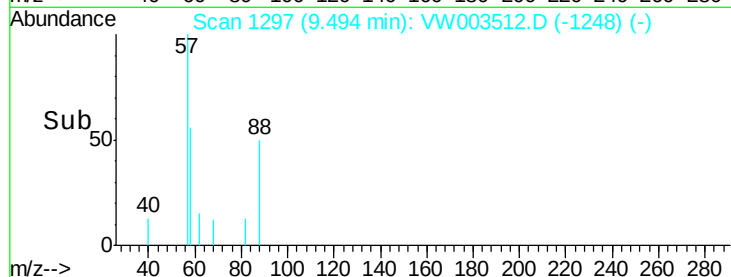
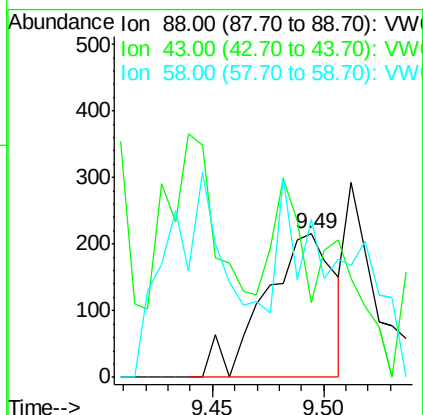
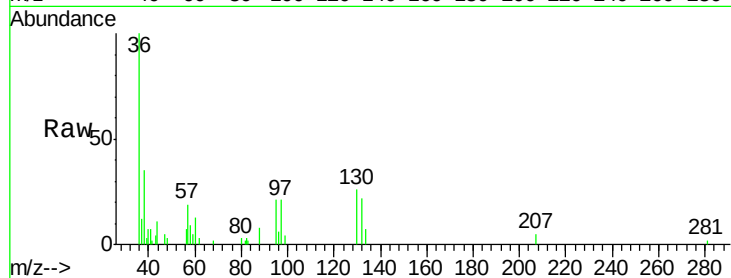




#49
 1,4-Dioxane
 Concen: 26.385 ug/l
 RT: 9.49 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

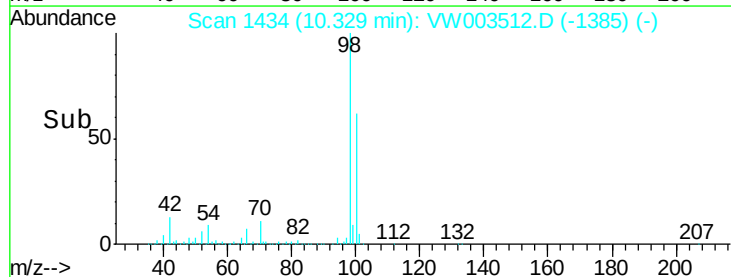
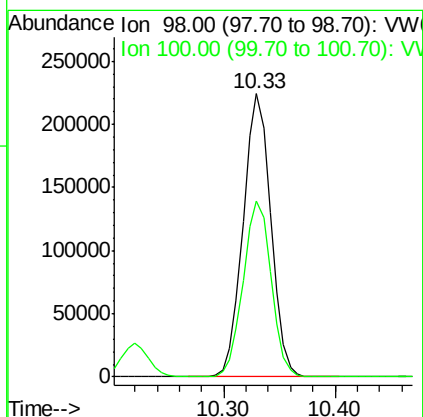
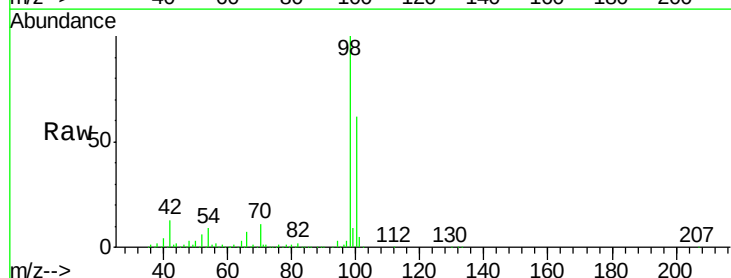
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-31-33-180620

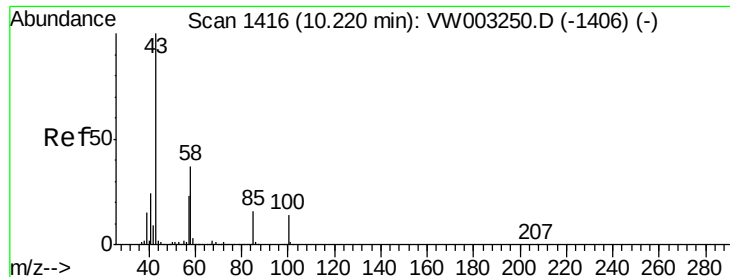
Tgt Ion: 88 Resp: 463
 Ion Ratio Lower Upper
 88 100
 43 31.1 454.7 682.1#
 58 40.8 58.6 88.0#



#50
 Toluene-d8
 Concen: 46.972 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

Tgt Ion: 98 Resp: 387605
 Ion Ratio Lower Upper
 98 100
 100 62.8 50.8 76.2

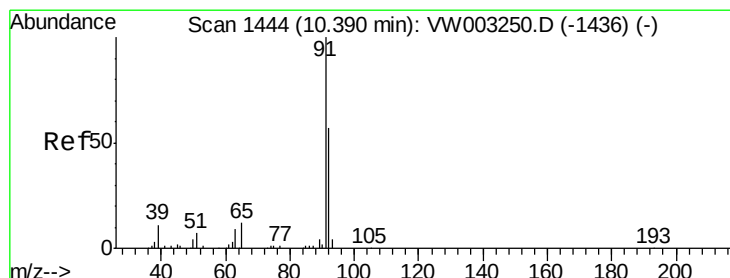
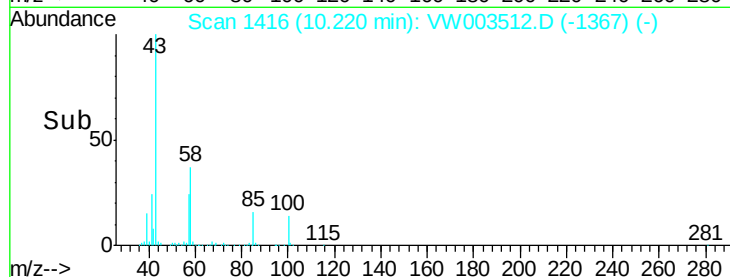
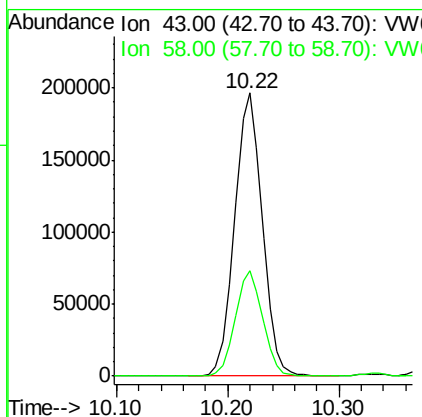
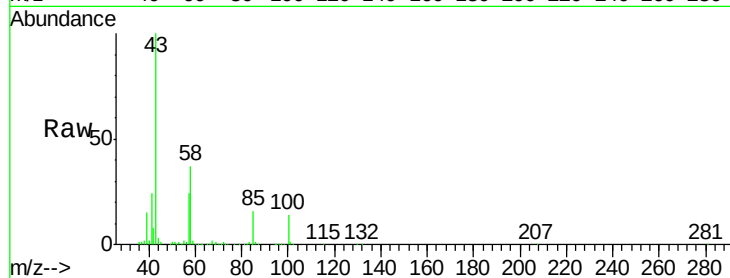




#51
 4-Methyl-2-Pentanone
 Concen: 249.268 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

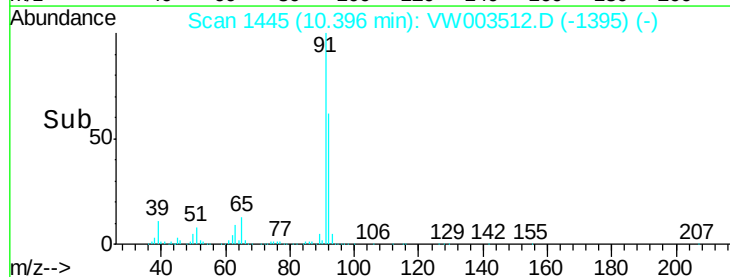
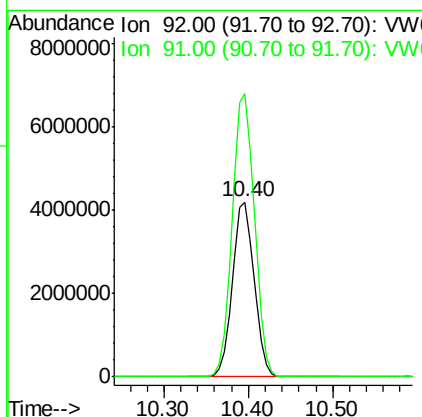
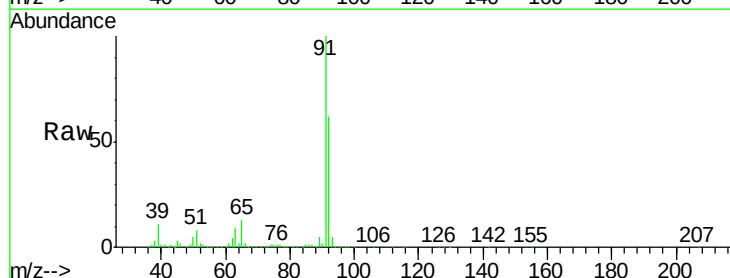
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-31-33-180620

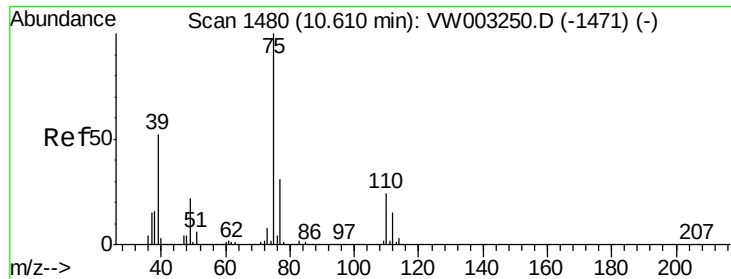
Tgt Ion: 43 Resp: 337936
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.0 43.4



#52
 Toluene
 Concen: 1269.406 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

Tgt Ion: 92 Resp: 7257290
 Ion Ratio Lower Upper
 92 100
 91 166.5 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 29.522 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.21 min

Lab File: VW003512.D

Acq: 24 Jun 2018 15:56

Instrument :

MSVOA_W

ClientSampleId :

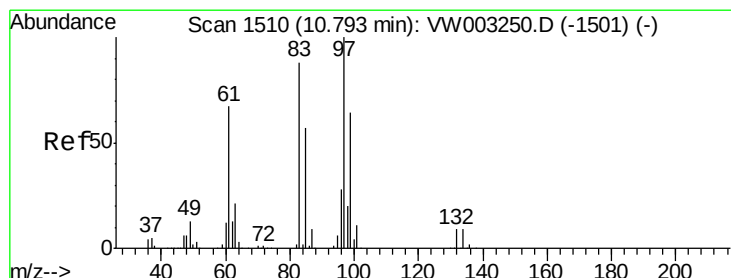
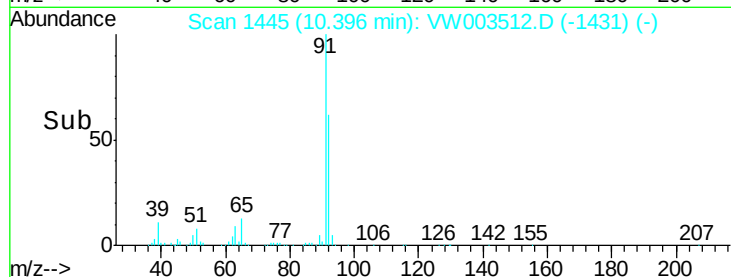
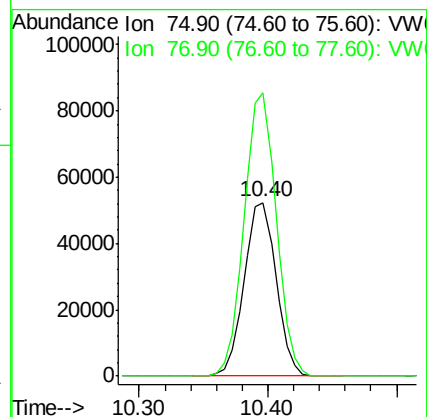
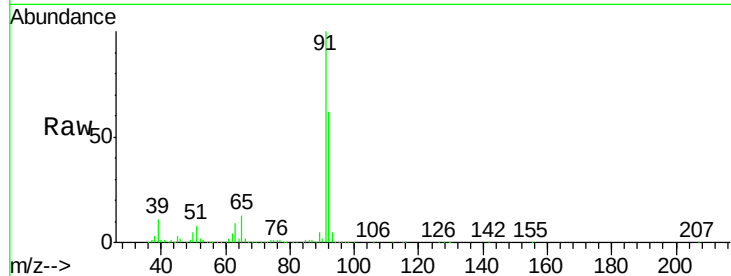
WP021SB483-31-33-180620

Tgt Ion: 75 Resp: 89838

Ion Ratio Lower Upper

75 100

77 162.9 24.9 37.3#



#55

1,1,2-Trichloroethane

Concen: 35.407 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003512.D

Acq: 24 Jun 2018 15:56

Tgt Ion: 97 Resp: 57985

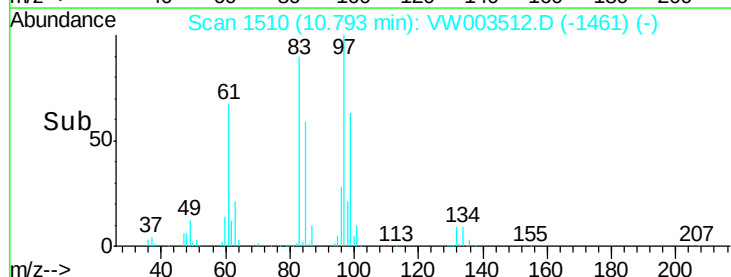
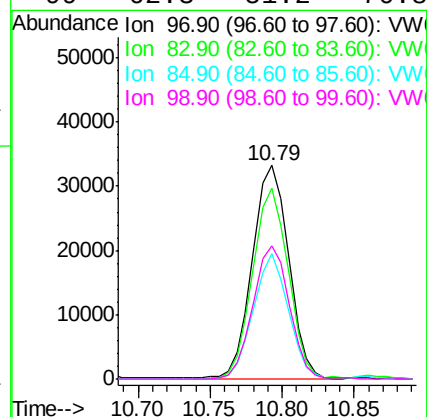
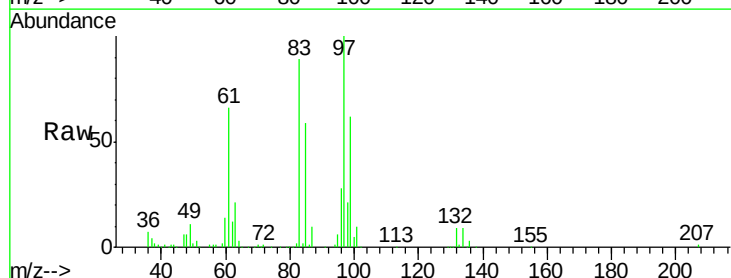
Ion Ratio Lower Upper

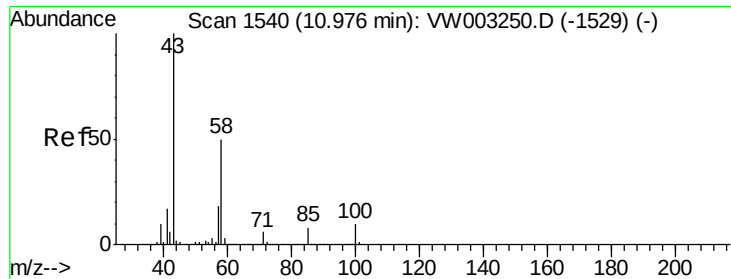
97 100

83 89.6 70.2 105.2

85 59.1 45.6 68.4

99 62.3 51.2 76.8





#59

2-Hexanone

Concen: 8.645 ug/l

RT: 10.84 min Scan# 1517

Delta R.T. -0.14 min

Lab File: VW003512.D

Acq: 24 Jun 2018 15:56

Instrument :

MSVOA_W

ClientSampleId :

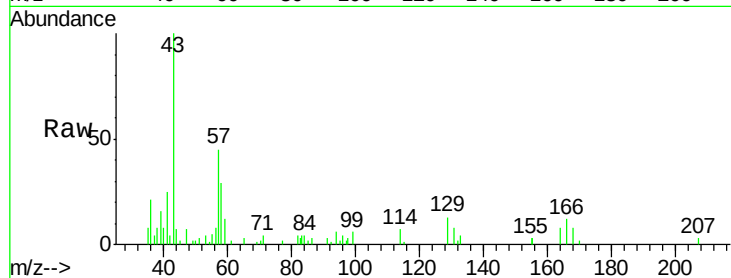
WP021SB483-31-33-180620

Tgt Ion: 43 Resp: 8188

Ion Ratio Lower Upper

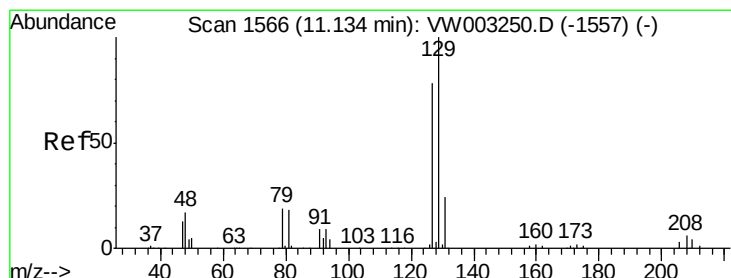
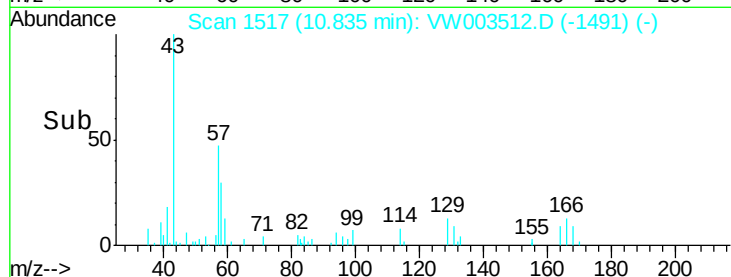
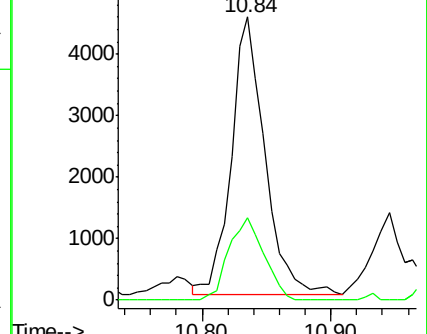
43 100

58 31.3 25.0 75.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 15.294 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.27 min

Lab File: VW003512.D

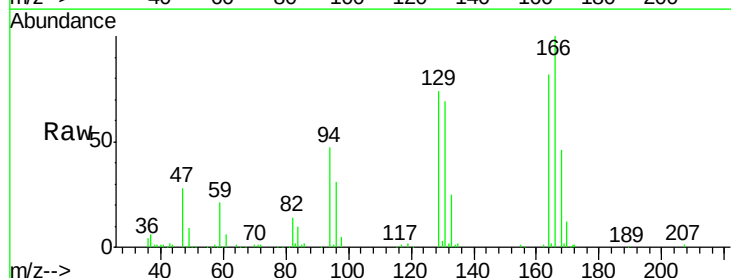
Acq: 24 Jun 2018 15:56

Tgt Ion: 129 Resp: 29786

Ion Ratio Lower Upper

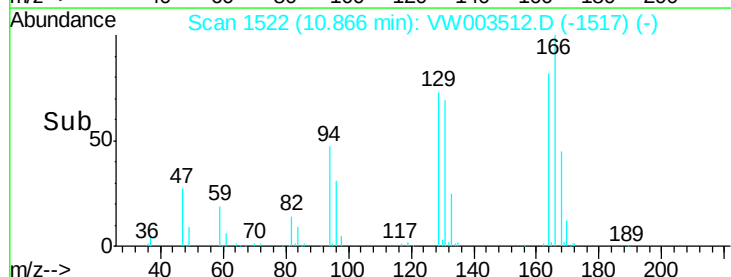
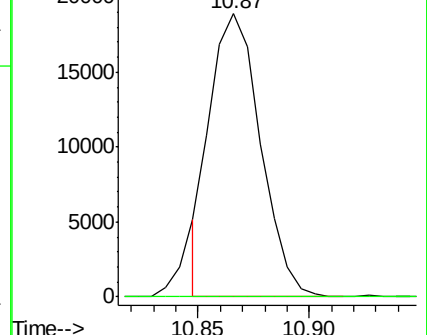
129 100

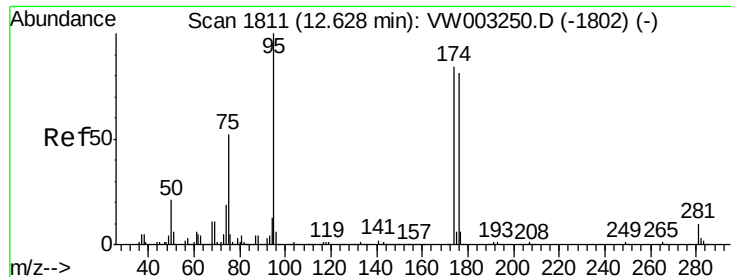
127 0.0 39.1 117.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 50.549 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003512.D

Acq: 24 Jun 2018 15:56

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-31-33-180620

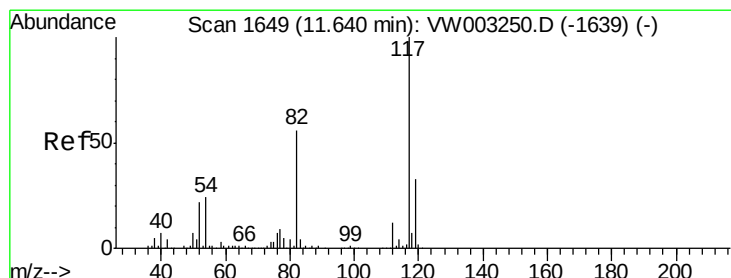
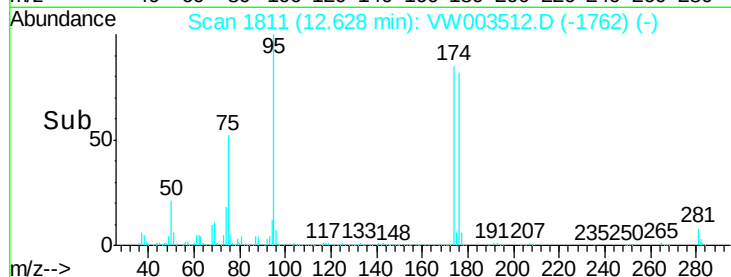
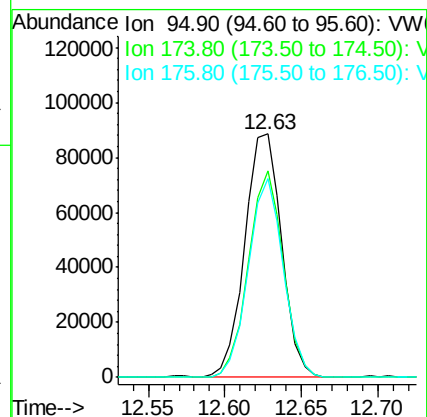
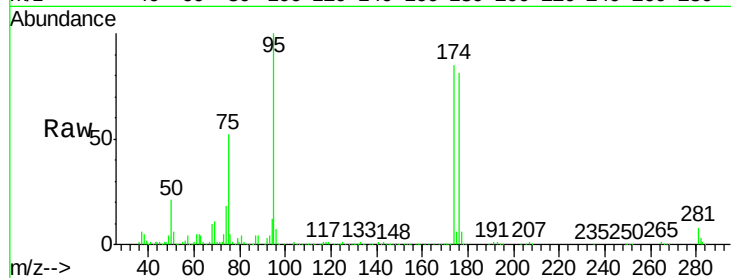
Tgt Ion: 95 Resp: 147615

Ion Ratio Lower Upper

95 100

174 80.7 0.0 166.4

176 77.7 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: VW003512.D

Acq: 24 Jun 2018 15:56

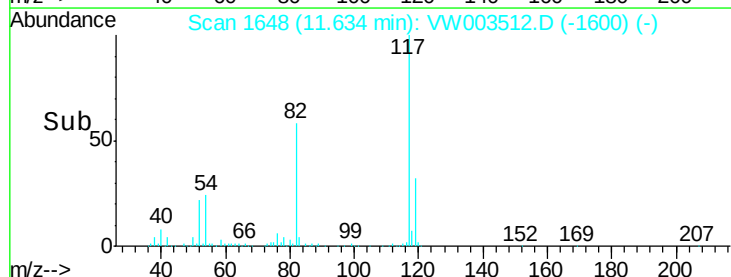
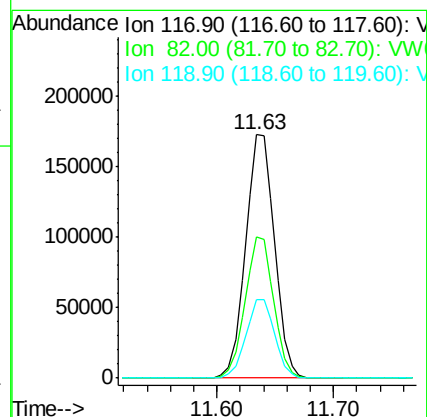
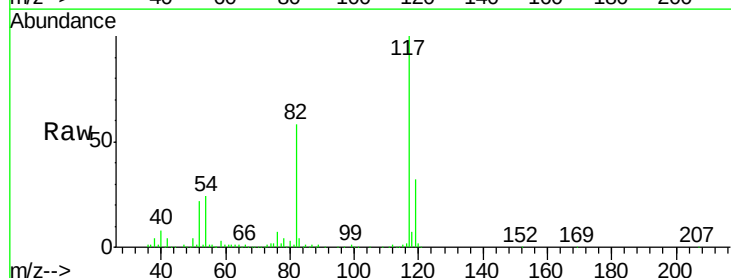
Tgt Ion: 117 Resp: 299232

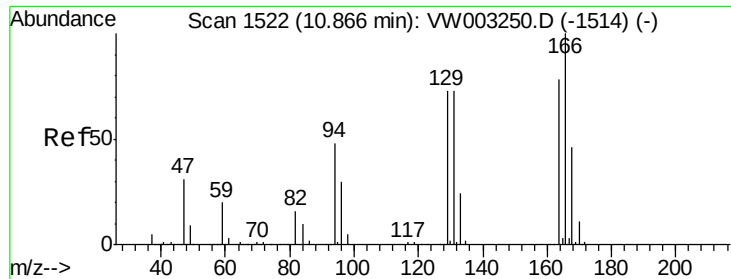
Ion Ratio Lower Upper

117 100

82 58.1 44.6 67.0

119 32.3 26.7 40.1

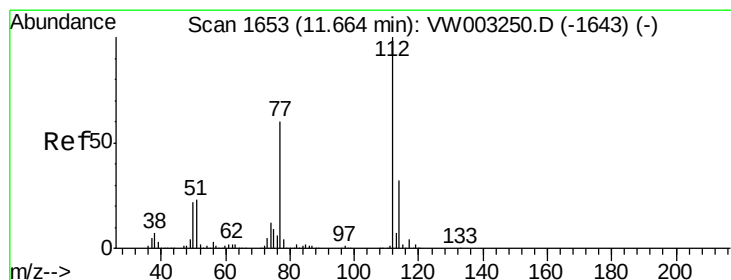
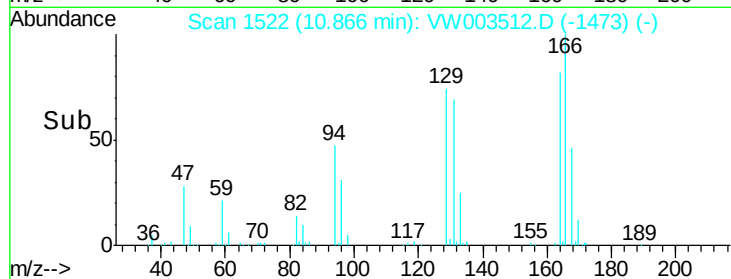
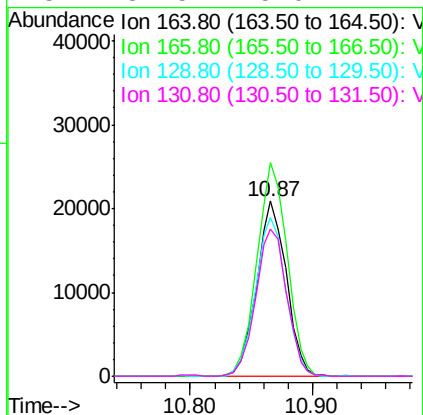
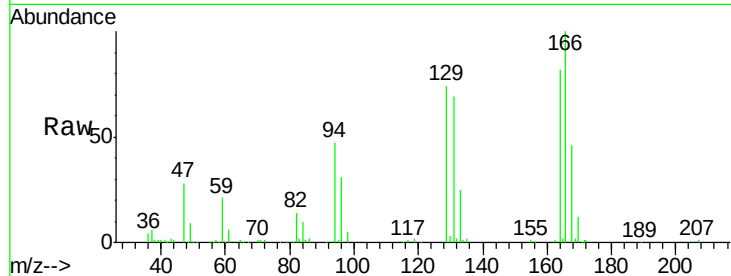




#64
Tetrachloroethene
Concen: 17.643 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

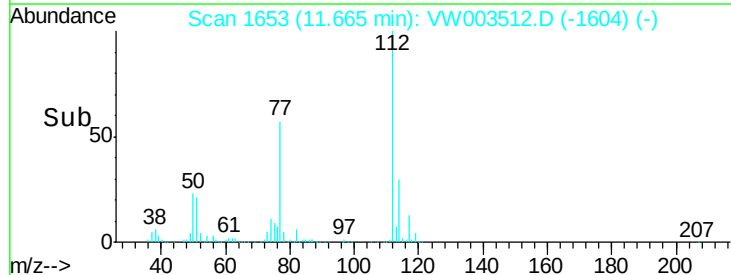
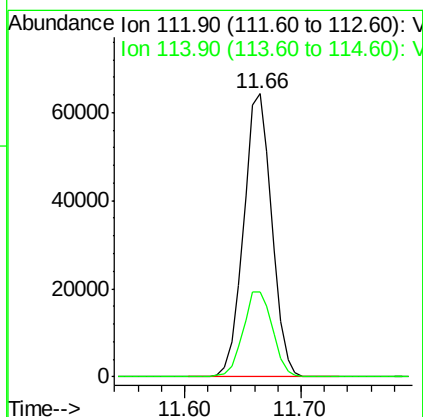
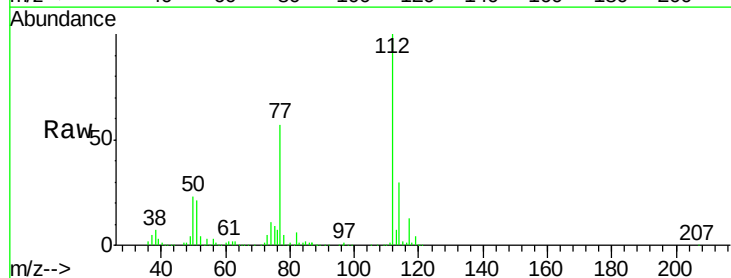
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-31-33-180620

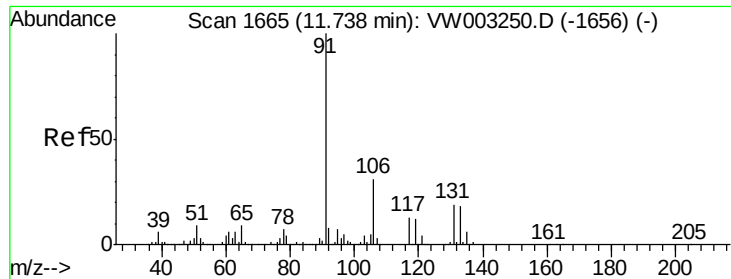
Tgt Ion:164 Resp: 35311
Ion Ratio Lower Upper
164 100
166 122.1 102.6 154.0
129 90.6 75.2 112.8
131 84.5 75.0 112.4



#65
Chlorobenzene
Concen: 17.422 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

Tgt Ion:112 Resp: 108562
Ion Ratio Lower Upper
112 100
114 30.0 25.9 38.9

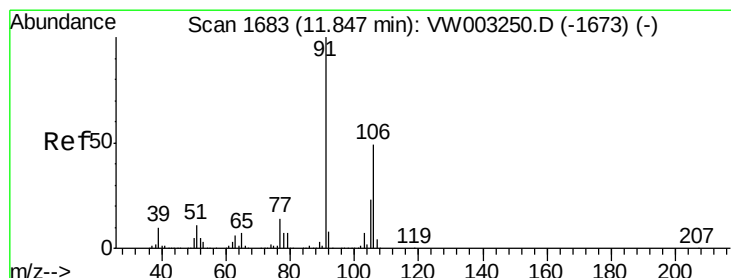
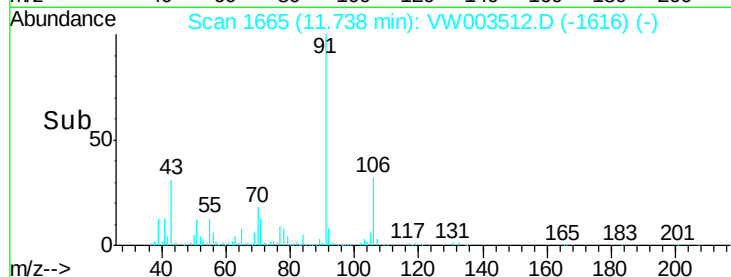
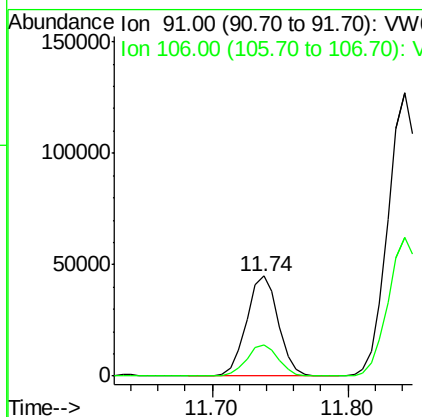
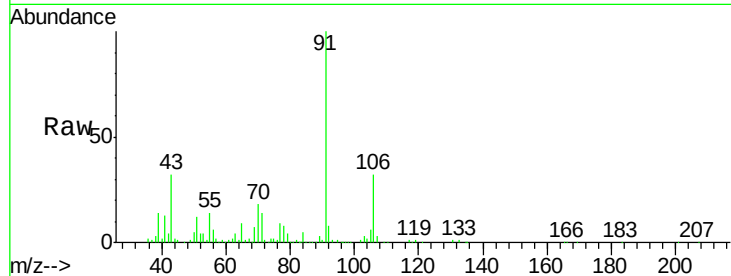




#67
Ethyl Benzene
Concen: 6.641 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

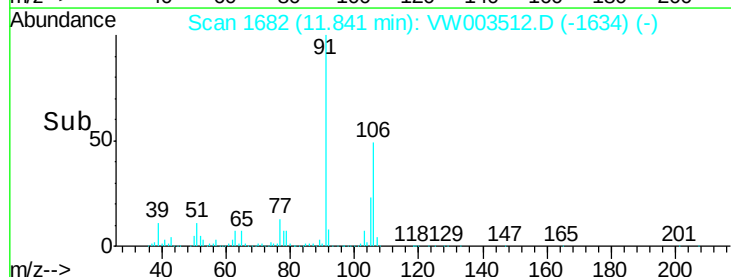
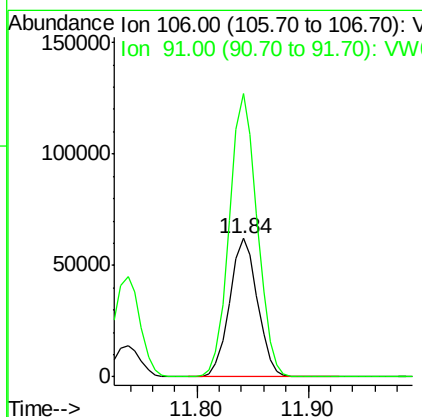
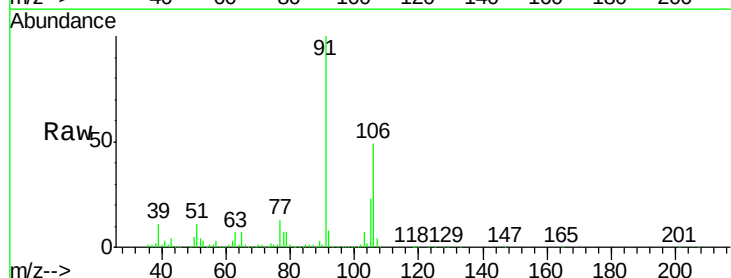
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-31-33-180620

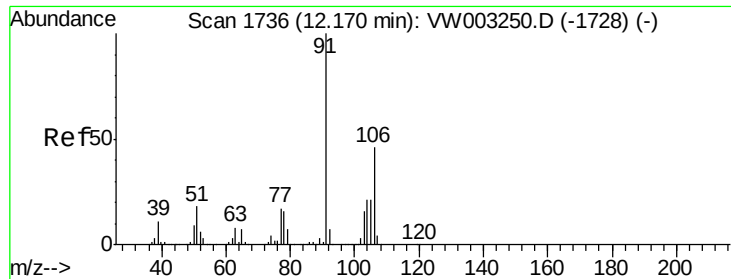
Tgt Ion: 91 Resp: 73353
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1



#68
m/p-Xylenes
Concen: 25.639 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

Tgt Ion: 106 Resp: 107656
Ion Ratio Lower Upper
106 100
91 203.0 165.4 248.0

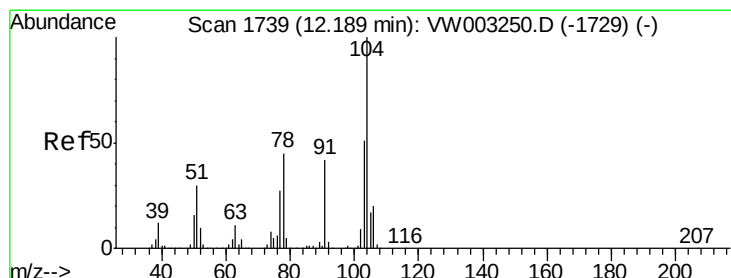
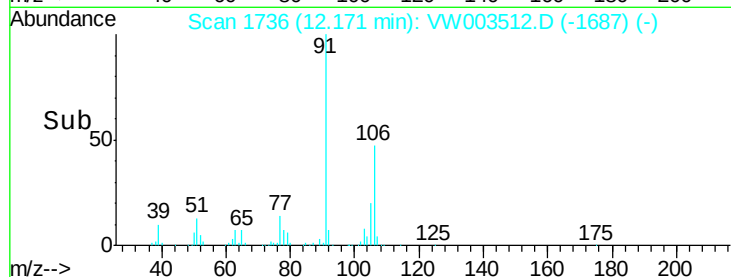
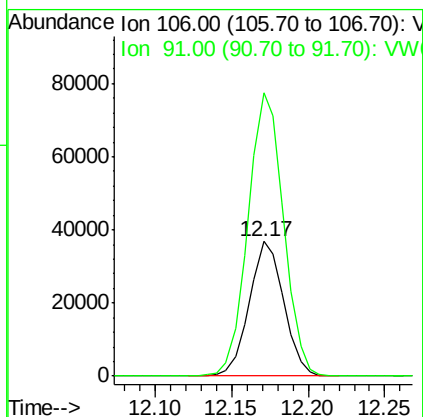
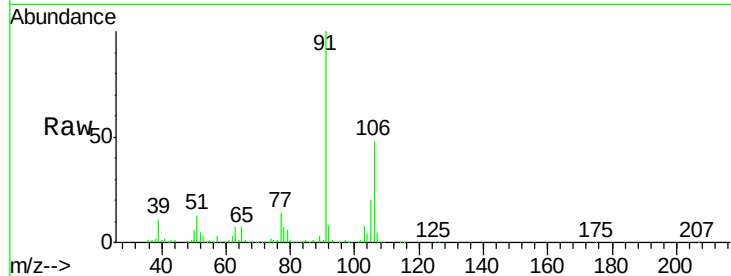




#69
o-Xylene
Concen: 14.837 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

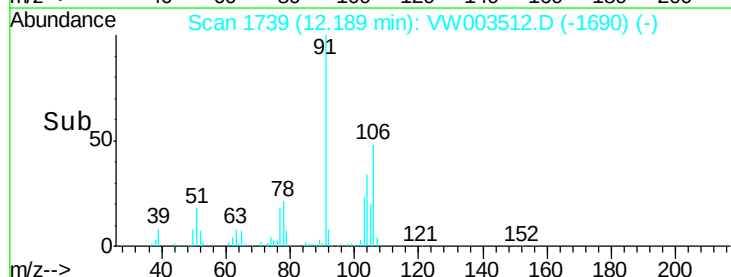
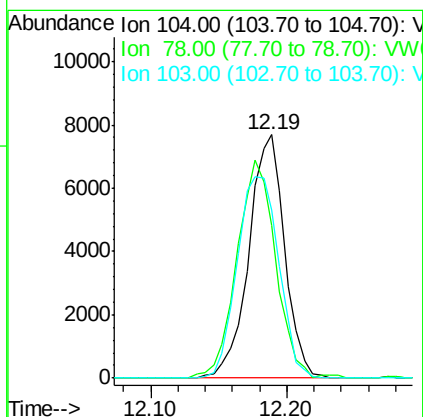
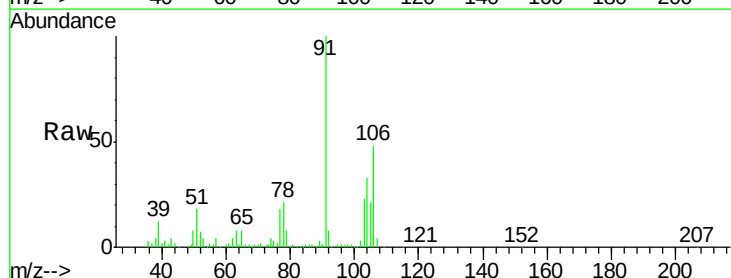
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-31-33-180620

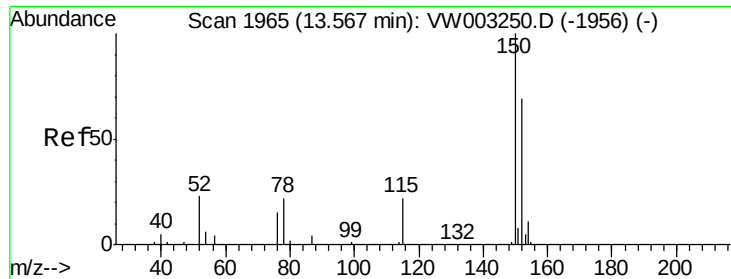
Tgt Ion:106 Resp: 57736
Ion Ratio Lower Upper
106 100
91 216.5 108.6 325.6



#70
Styrene
Concen: 2.183 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

Tgt Ion:104 Resp: 14139
Ion Ratio Lower Upper
104 100
78 96.7 41.3 61.9#
103 96.4 45.0 67.4#

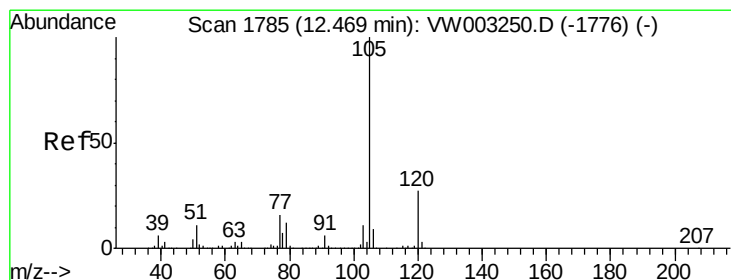
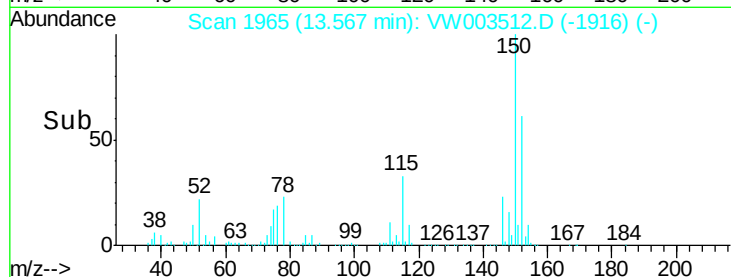
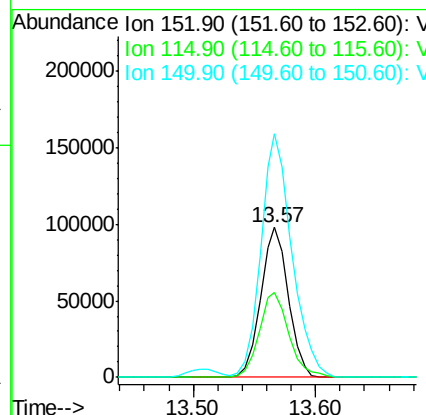
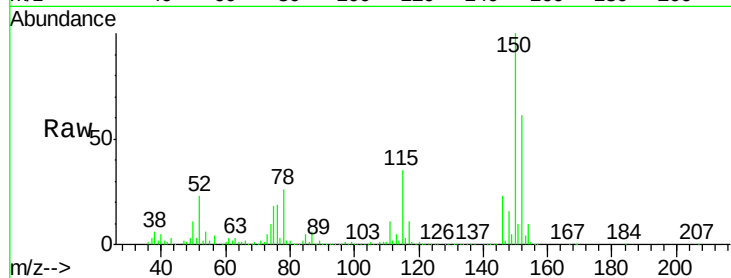




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

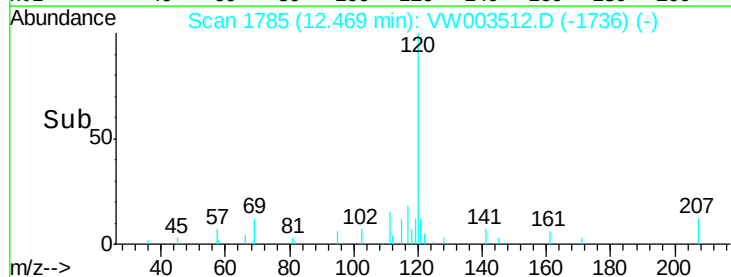
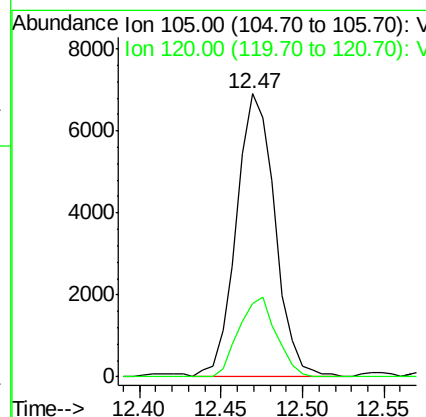
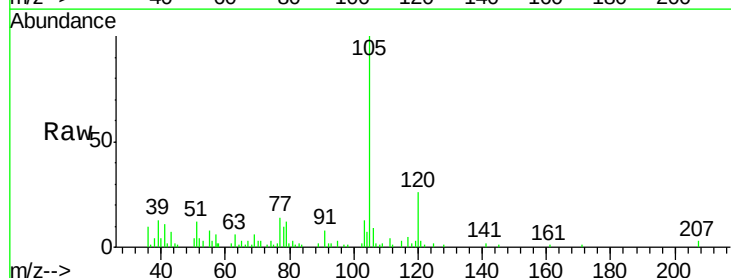
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-31-33-180620

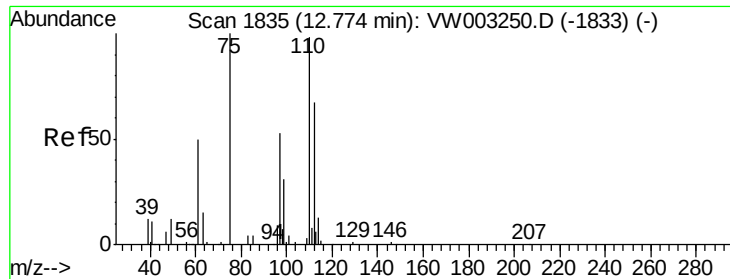
Tgt Ion:152 Resp: 153941
 Ion Ratio Lower Upper
 152 100
 115 61.3 29.3 88.0
 150 182.0 0.0 349.6



#73
 Isopropylbenzene
 Concen: 1.065 ug/l
 RT: 12.47 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

Tgt Ion:105 Resp: 11402
 Ion Ratio Lower Upper
 105 100
 120 27.0 13.2 39.6





#76

1,2,3-Trichloropropane

Concen: 59.812 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003512.D

Acq: 24 Jun 2018 15:56

Instrument :

MSVOA_W

ClientSampleId :

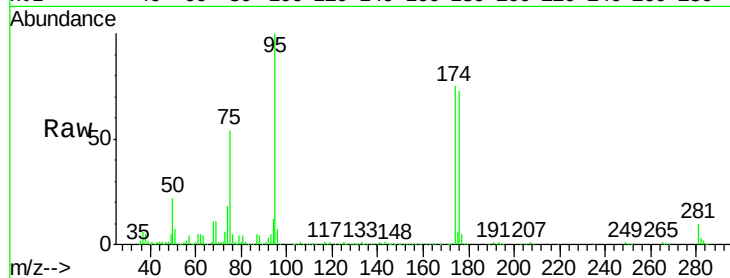
WP021SB483-31-33-180620

Tgt Ion: 75 Resp: 78714

Ion Ratio Lower Upper

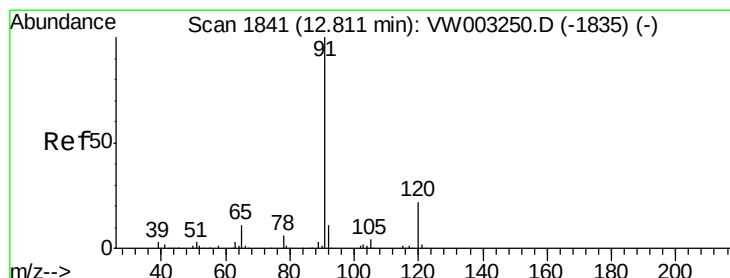
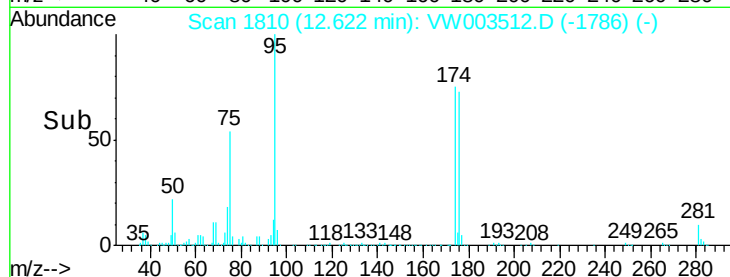
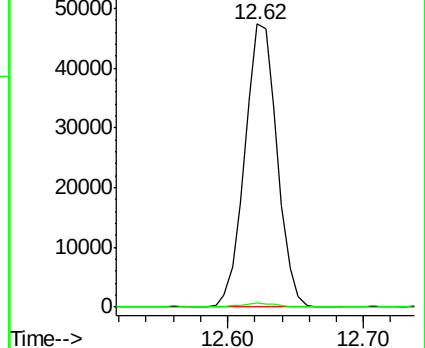
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#78

n-propylbenzene

Concen: 1.684 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003512.D

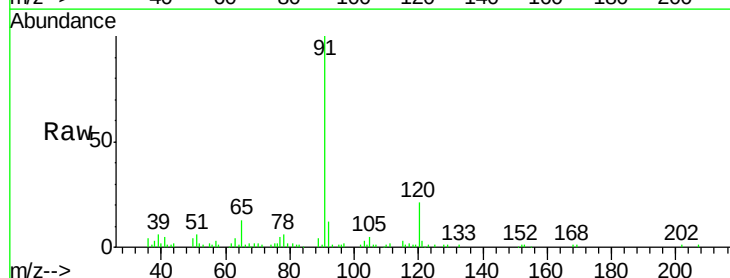
Acq: 24 Jun 2018 15:56

Tgt Ion: 91 Resp: 22075

Ion Ratio Lower Upper

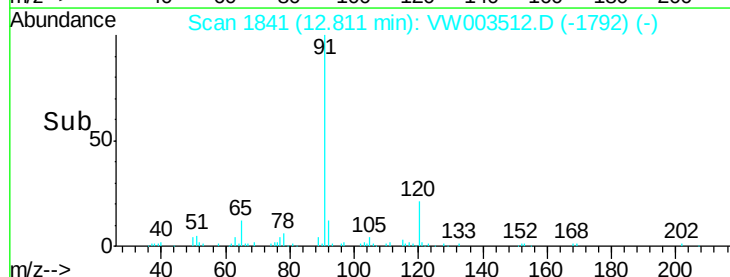
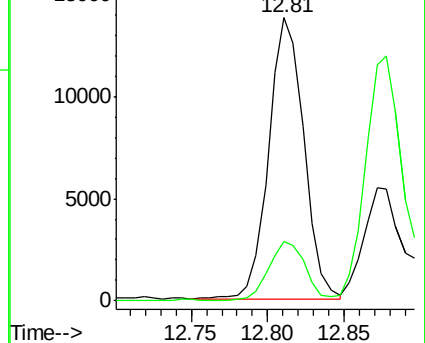
91 100

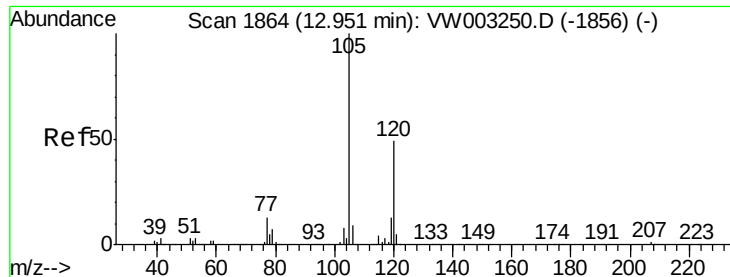
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

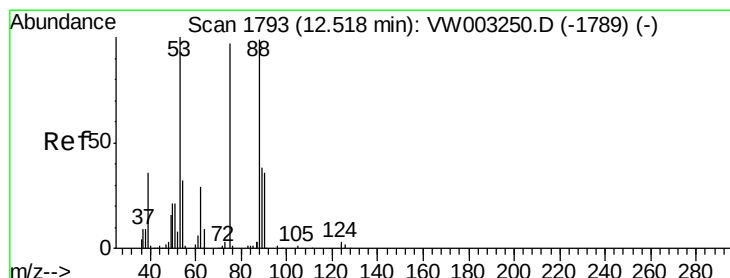
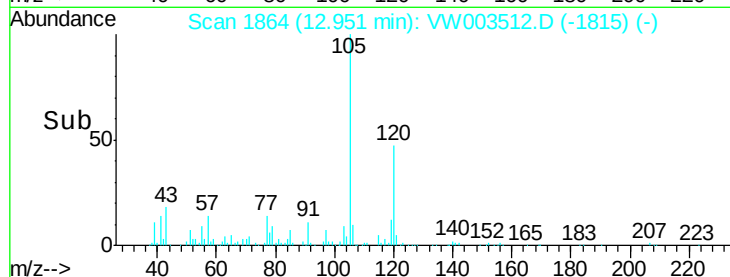
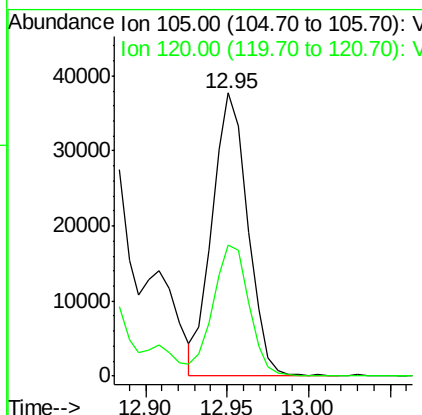
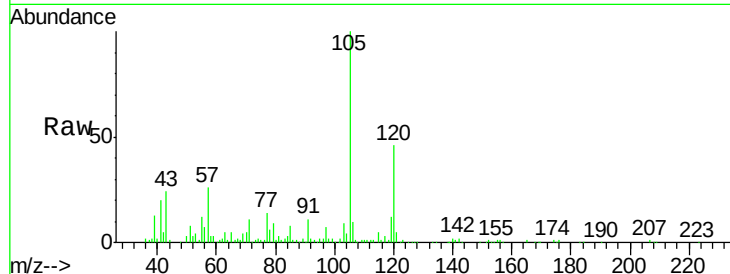




#80
 1,3,5-Trimethylbenzene
 Concen: 6.358 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

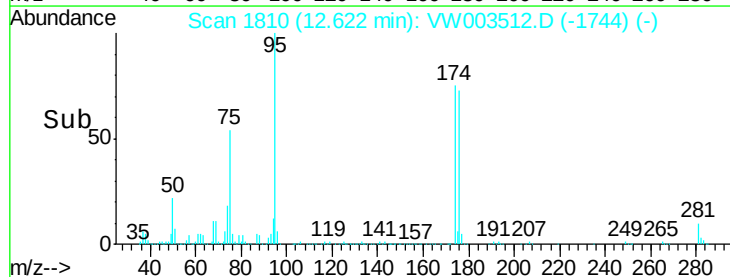
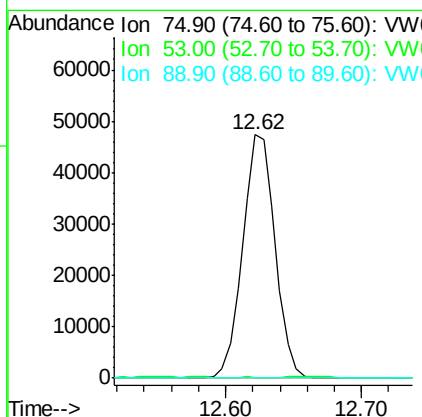
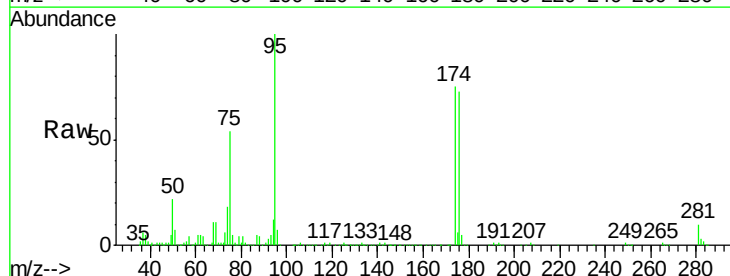
Instrument :
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 ClientSampleId :
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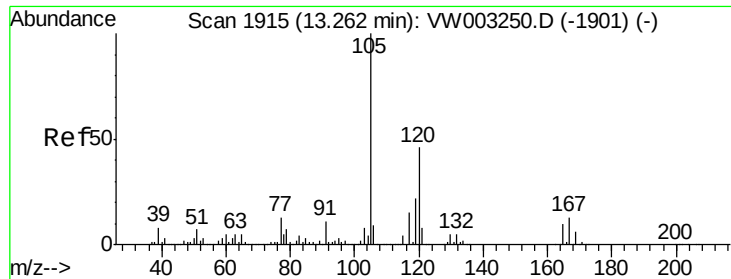
Tgt Ion: 105 Resp: 57142
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.631 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

Tgt Ion: 75 Resp: 78714
 Ion Ratio Lower Upper
 75 100
 53 0.2 82.9 124.3#
 89 0.0 36.7 55.1#

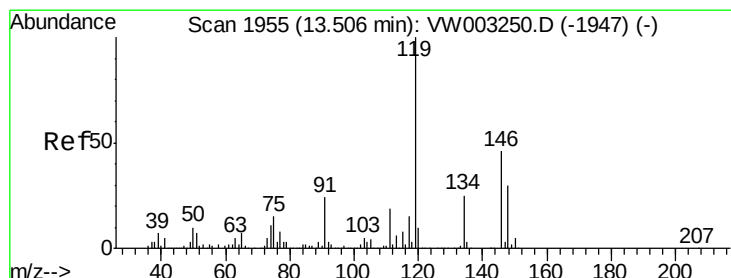
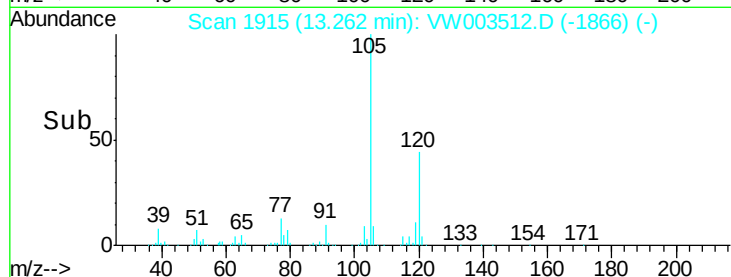
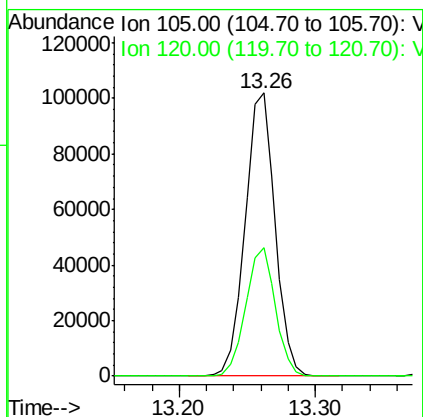
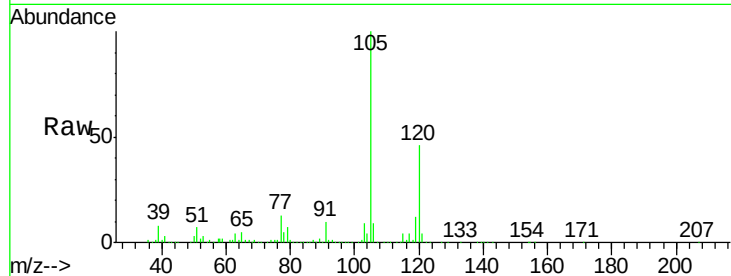




#84
 1,2,4-Trimethylbenzene
 Concen: 16.904 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

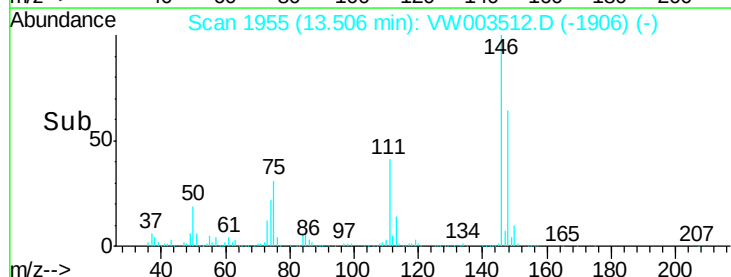
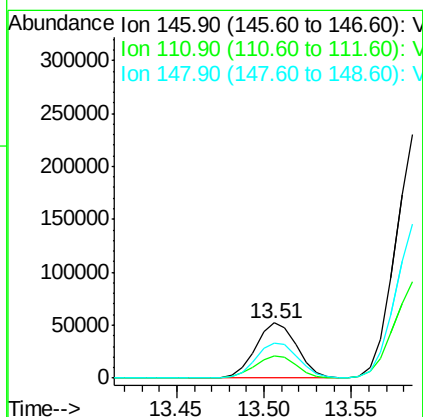
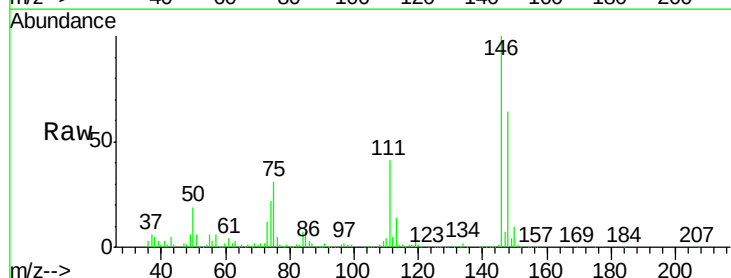
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-31-33-180620

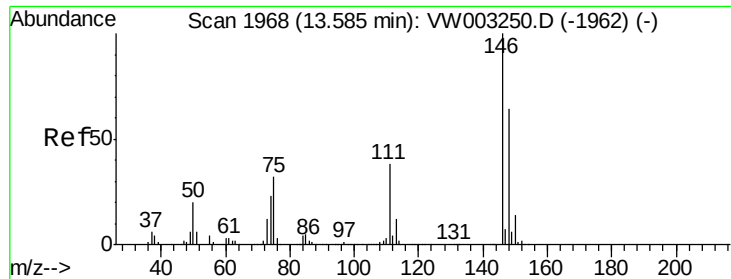
Tgt Ion:105 Resp: 156276
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.5 67.5



#87
 1,3-Dichlorobenzene
 Concen: 16.722 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

Tgt Ion:146 Resp: 85660
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.8 59.4
 148 65.2 32.1 96.5

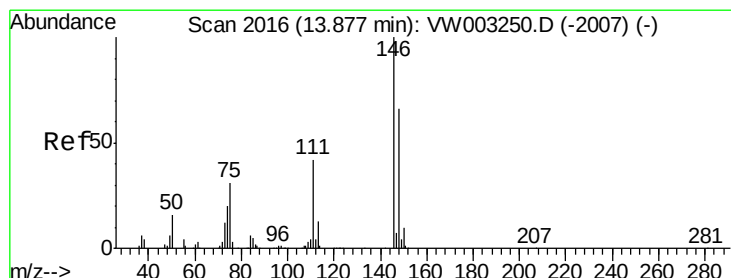
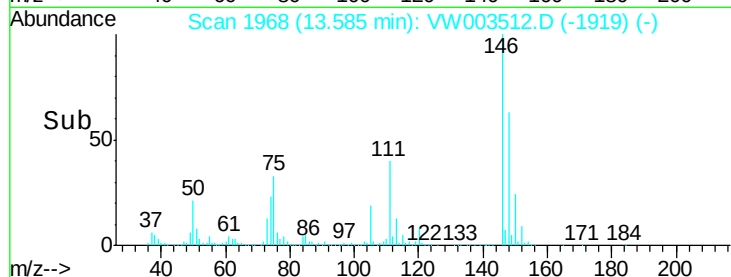
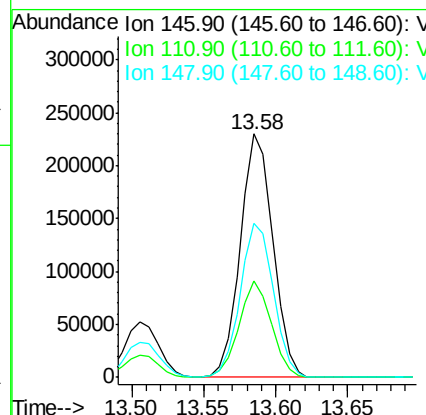
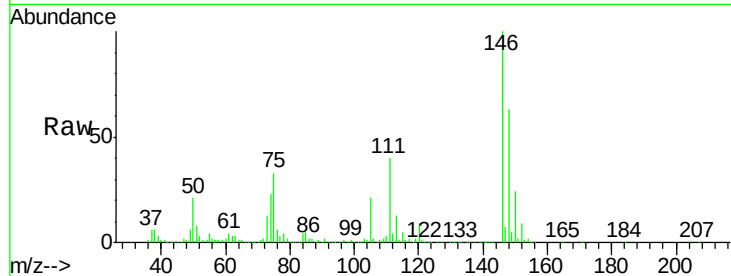




#88
 1,4-Dichlorobenzene
 Concen: 71.167 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

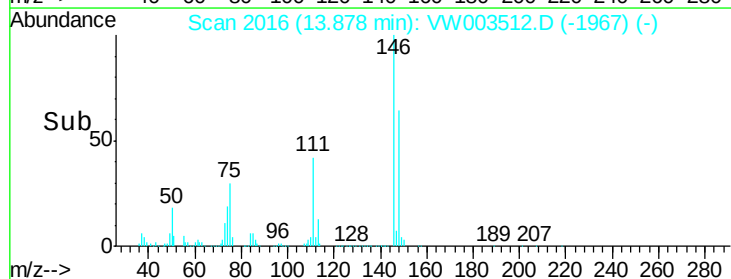
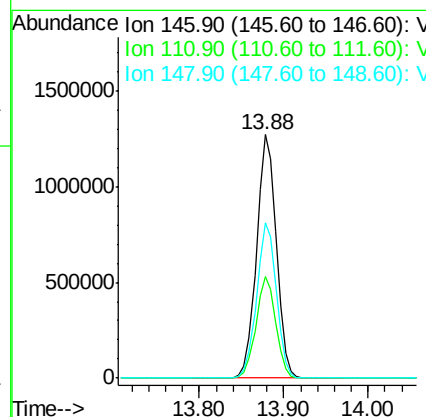
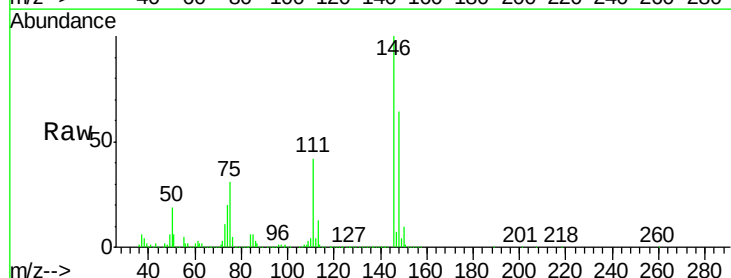
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-31-33-180620

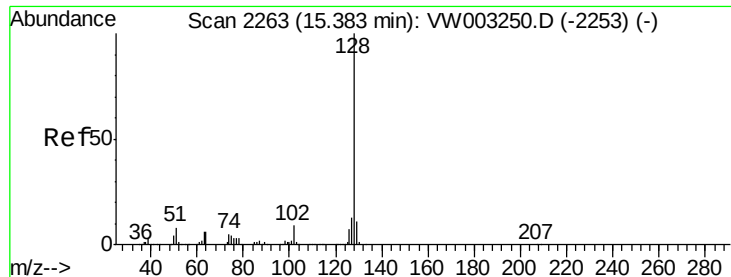
Tgt Ion:146 Resp: 362425
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.2 57.6
 148 64.4 31.8 95.4



#91
 1,2-Dichlorobenzene
 Concen: 452.772 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003512.D
 Acq: 24 Jun 2018 15:56

Tgt Ion:146 Resp: 2031690
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.3 61.0
 148 63.7 32.3 96.9

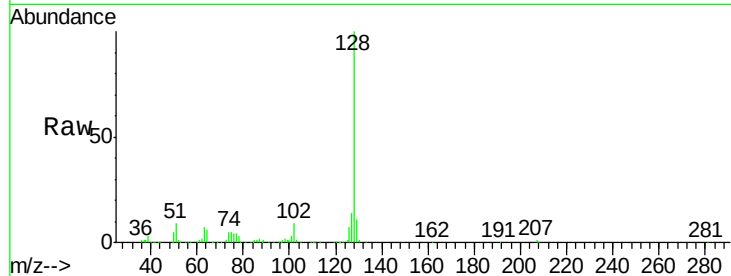




#95
Naphthalene
Concen: 22.561 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003512.D
Acq: 24 Jun 2018 15:56

Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-31-33-180620

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.5	15.7
129	11.1	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

