

Data File : VW003513.D
Acq On : 24 Jun 2018 16:22
Operator : SY/AP
Sample : J3669-15
Misc : 6.20G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-33-35-180620

Quant Time: Jun 24 23:27:57 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	200877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	333295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132358	60.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.66%	
35) Dibromofluoromethane	7.88	113	113678	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
50) Toluene-d8	10.33	98	399321	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.62	95	156524	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.36	62	426018	190.455	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	65500	35.200	ug/l	96
11) Tert butyl alcohol	5.26	59	364	3.119	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	1453887	799.532	ug/l	98
14) Allyl chloride	4.90	41	33703	10.700	ug/l #	22
16) Acetone	4.15	43	44649	97.843	ug/l	98
18) Methyl Acetate	4.91	43	8575	7.921	ug/l #	73
20) Methylene Chloride	4.91	84	960875	530.999	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	15788	7.978	ug/l	90
24) 1,1-Dichloroethane	6.21	63	34167	9.079	ug/l	98
25) 2-Butanone	7.19	43	65991	116.296	ug/l #	1
27) cis-1,2-Dichloroethene	7.17	96	10598947	4875.245	ug/l	92
28) Bromochloromethane	7.67	49	11609	7.413	ug/l #	15
29) Tetrahydrofuran	7.56	42	1742	5.023	ug/l #	80
30) Chloroform	7.68	83	132587	34.581	ug/l	99
31) Cyclohexane	7.95	56	6918	1.968	ug/l #	15
37) Ethyl Acetate	7.19	43	65991	49.489	ug/l #	69
39) Methylcyclohexane	9.09	83	685714	184.116	ug/l #	1
40) Benzene	8.33	78	49843	5.618	ug/l	94
42) 1,2-Dichloroethane	8.41	62	31051	11.170	ug/l	99
45) 1,2-Dichloropropane	9.09	63	245684	108.757	ug/l #	1
49) 1,4-Dioxane	9.50	88	90	5.154	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	278821	206.661	ug/l	100
52) Toluene	10.40	92	6910490	1214.610	ug/l	93
53) t-1,3-Dichloropropene	10.40	75	85937	28.377	ug/l #	1
55) 1,1,2-Trichloroethane	10.79	97	60533	37.142	ug/l	99
59) 2-Hexanone	10.84	43	6116	6.489	ug/l	69
60) Dibromochloromethane	10.87	129	27513	14.196	ug/l #	10
64) Tetrachloroethene	10.87	164	33026	16.772	ug/l	98
65) Chlorobenzene	11.66	112	30052	4.902	ug/l	100
67) Ethyl Benzene	11.74	91	50399	4.638	ug/l	97
68) m/p-Xylenes	11.84	106	72783	17.619	ug/l	100
69) o-Xylene	12.17	106	33500	8.750	ug/l	96
70) Styrene	12.19	104	45849	7.195	ug/l	96

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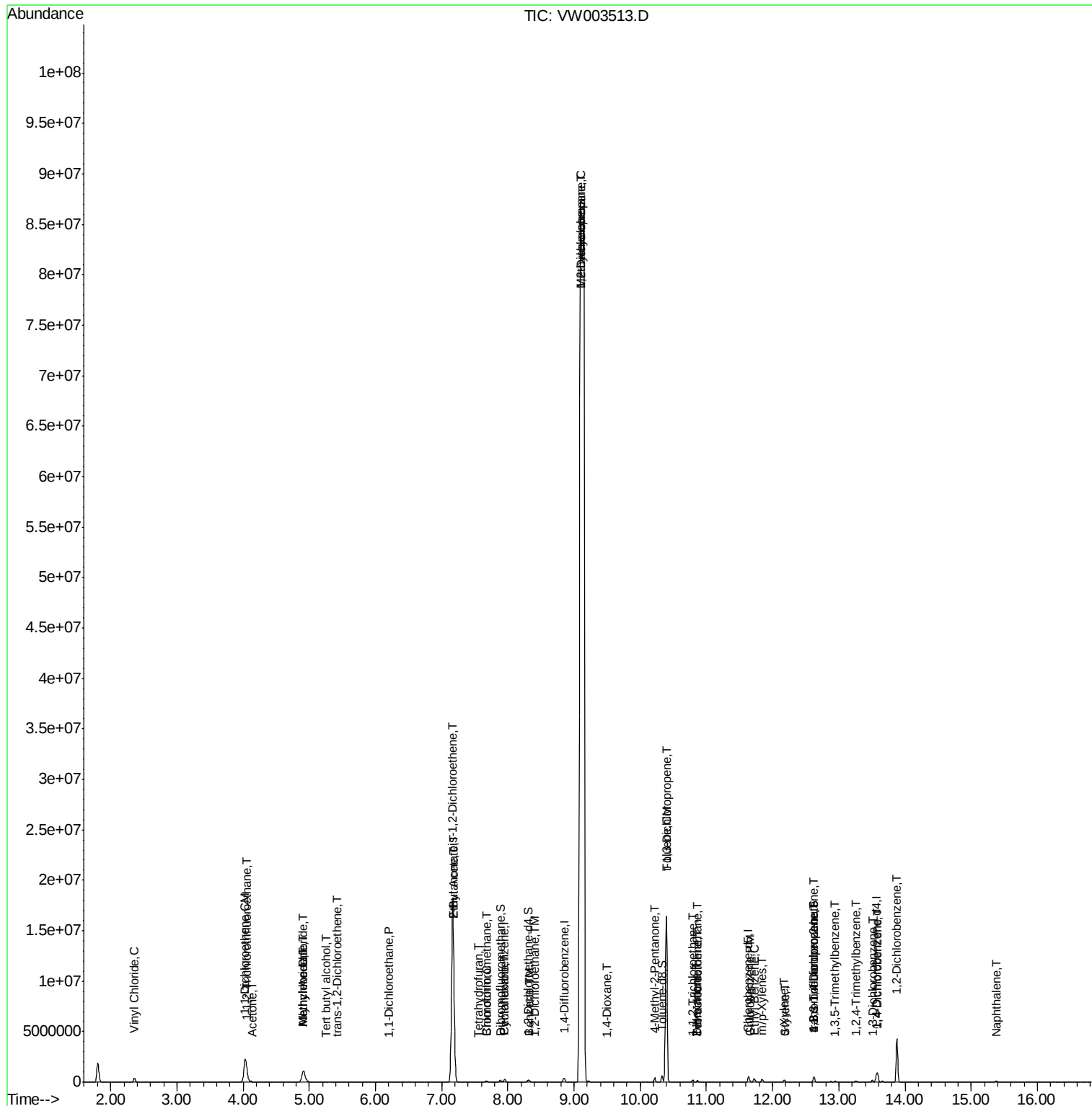
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	12.62	75	82154	62.688	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.95	105	21709	2.426	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	82154	144.249	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.26	105	64937	7.053	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	68193	13.368	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	293683	57.910	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	1666448	372.934	ug/l	99
95) Naphthalene	15.38	128	79347	14.912	ug/l	99

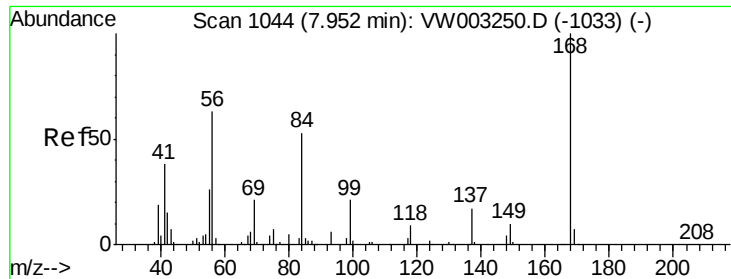
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_W

ClientSampleId :

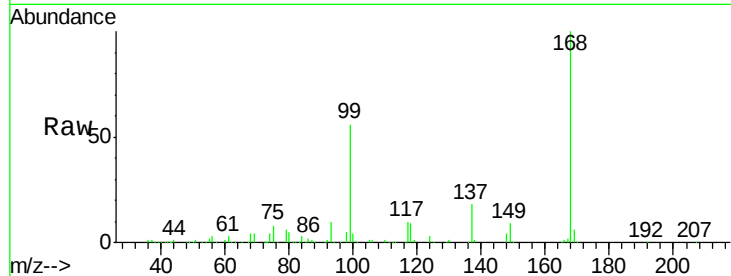
WP021SB483-33-35-180620

Tgt Ion:168 Resp: 200877

Ion Ratio Lower Upper

168 100

99 56.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

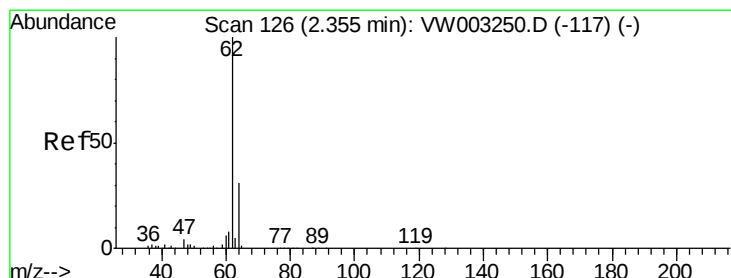
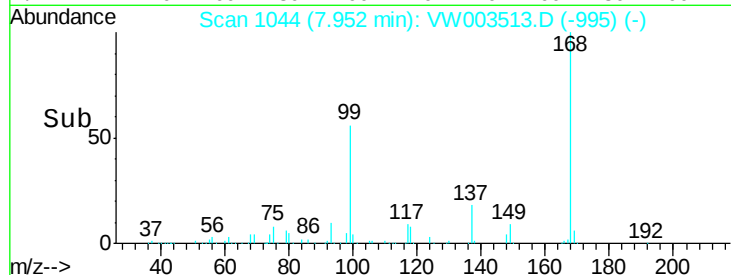
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#4

Vinyl Chloride

Concen: 190.455 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003513.D

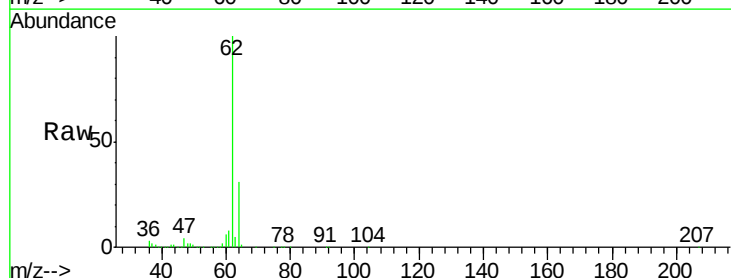
Acq: 24 Jun 2018 16:22

Tgt Ion: 62 Resp: 426018

Ion Ratio Lower Upper

62 100

64 31.2 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

250000

200000

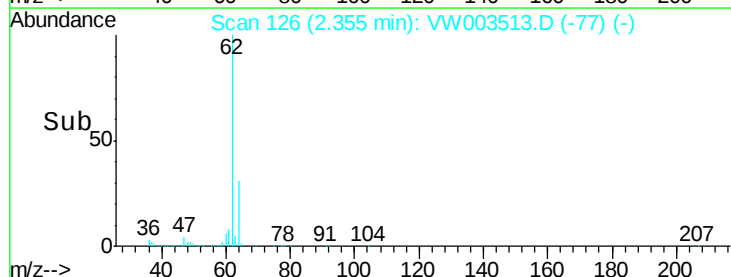
150000

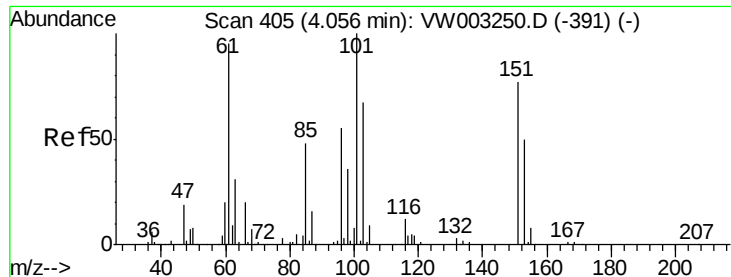
100000

50000

0

Time--> 2.30 2.40 2.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 35.200 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003513.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_W

ClientSampleId :

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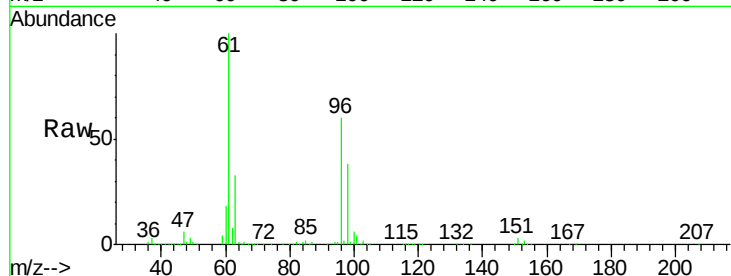
Tgt Ion:101 Resp: 65500

Ion Ratio Lower Upper

101 100

85 44.9 37.0 55.6

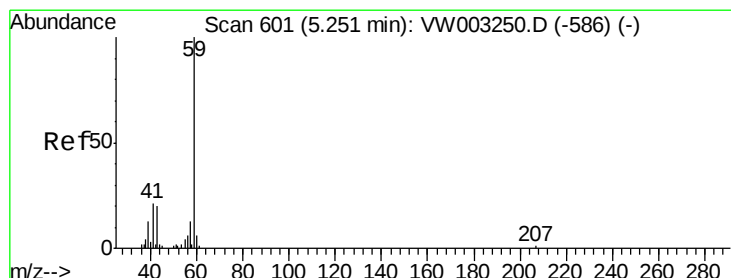
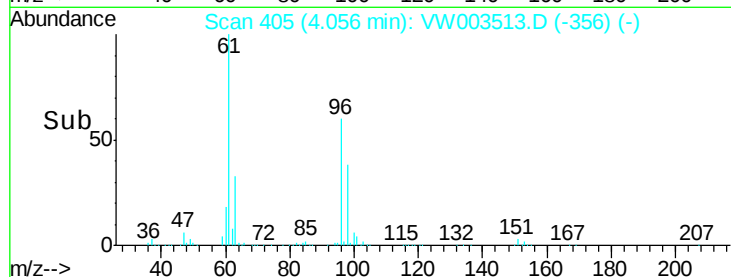
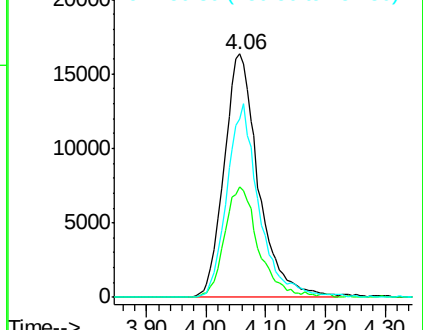
151 74.0 63.3 94.9



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: 3.119 ug/l

RT: 5.26 min Scan# 602

Delta R.T. 0.01 min

Lab File: VW003513.D

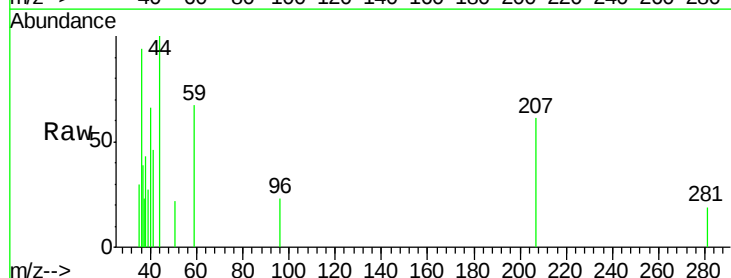
Acq: 24 Jun 2018 16:22

Tgt Ion: 59 Resp: 364

Ion Ratio Lower Upper

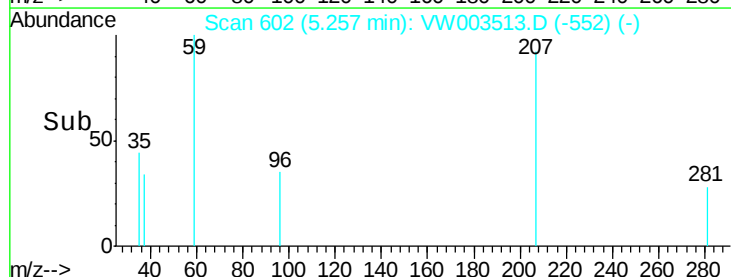
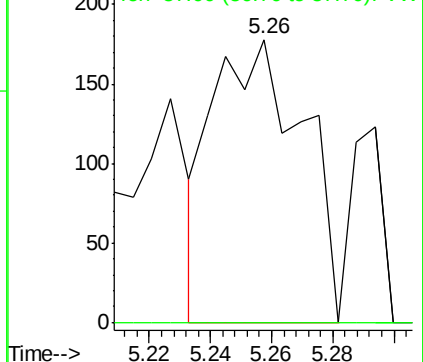
59 100

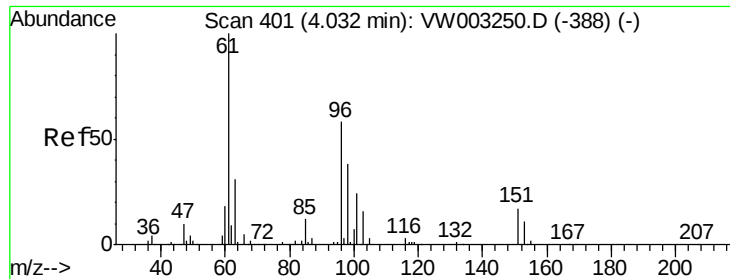
57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

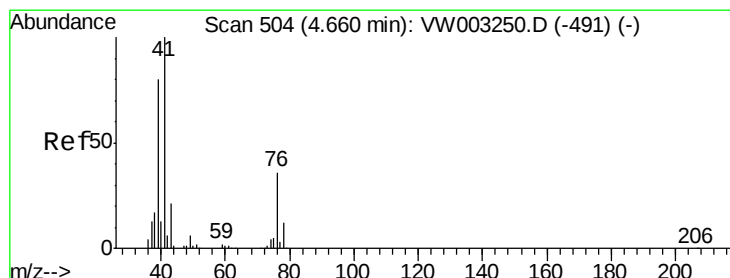
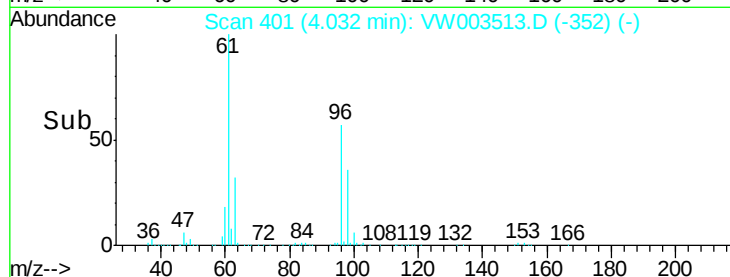
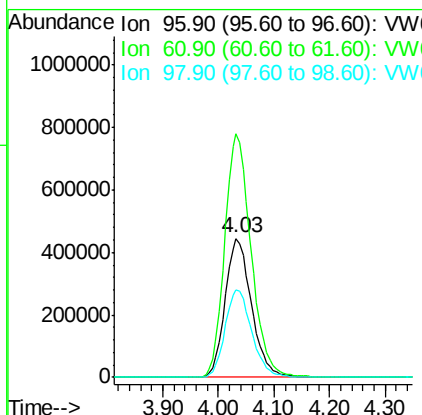
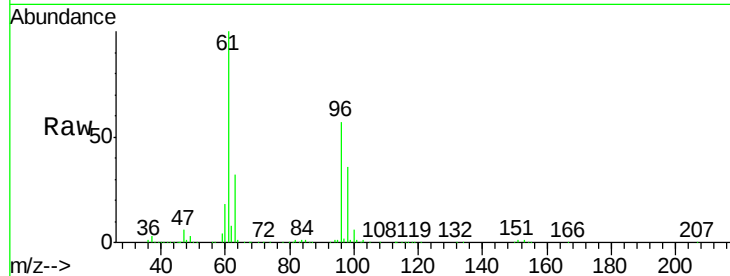




#12
 1,1-Dichloroethene
 Concen: 799.532 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW003513.D
 Acq: 24 Jun 2018 16:22

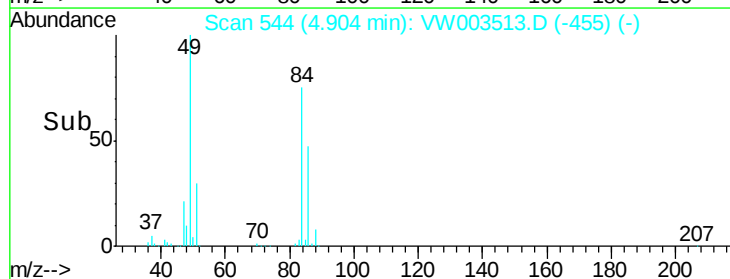
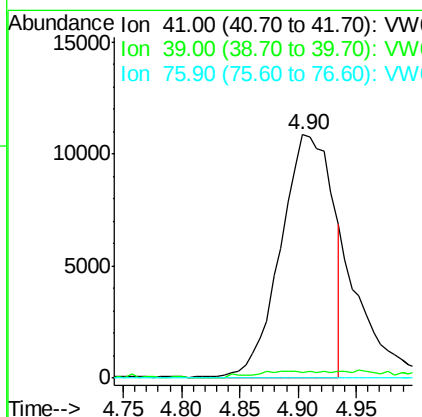
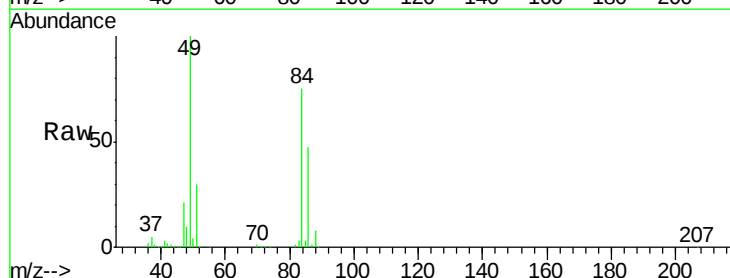
Instrument :
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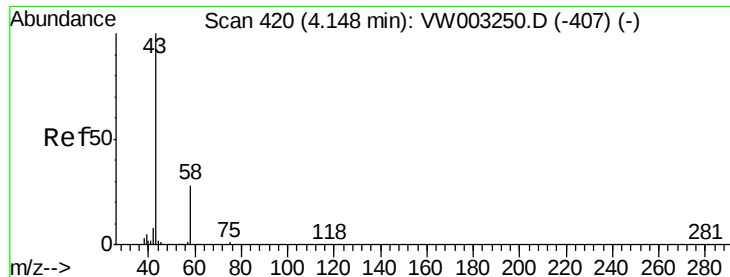
Tgt Ion: 96 Resp: 1453887
 Ion Ratio Lower Upper
 96 100
 61 175.3 139.0 208.4
 98 63.2 53.3 79.9



#14
 Allyl chloride
 Concen: 10.700 ug/l
 RT: 4.90 min Scan# 544
 Delta R.T. 0.24 min
 Lab File: VW003513.D
 Acq: 24 Jun 2018 16:22

Tgt Ion: 41 Resp: 33703
 Ion Ratio Lower Upper
 41 100
 39 3.3 63.2 94.8#
 76 0.0 28.0 42.0#





#16

Acetone

Concen: 97.843 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003513.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_W

ClientSampleId :

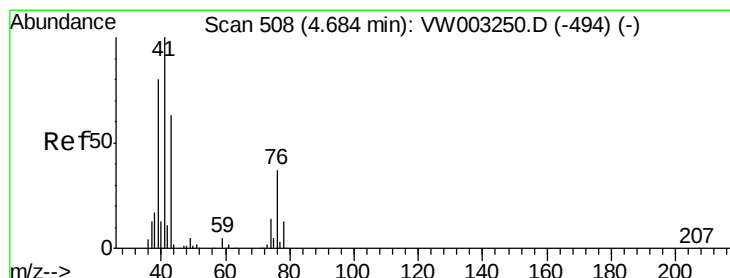
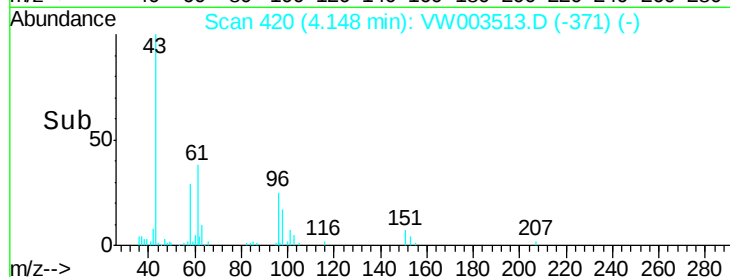
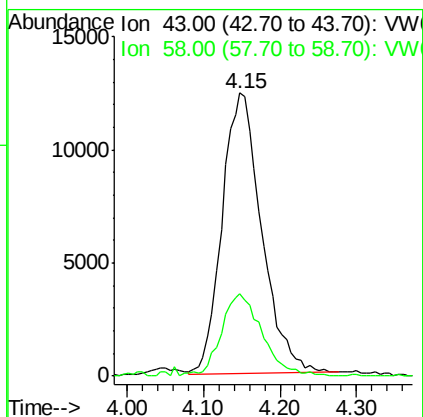
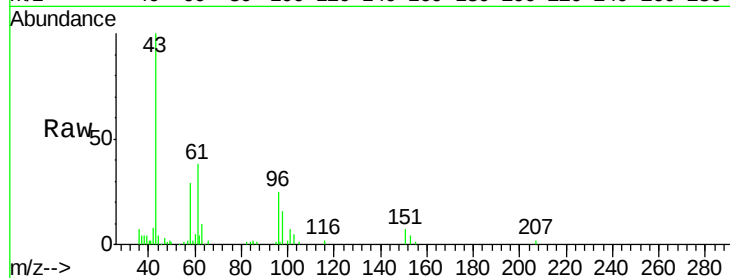
WP021SB483-33-35-180620

Tgt Ion: 43 Resp: 44649

Ion Ratio Lower Upper

43 100

58 29.3 22.6 34.0



#18

Methyl Acetate

Concen: 7.921 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.23 min

Lab File: VW003513.D

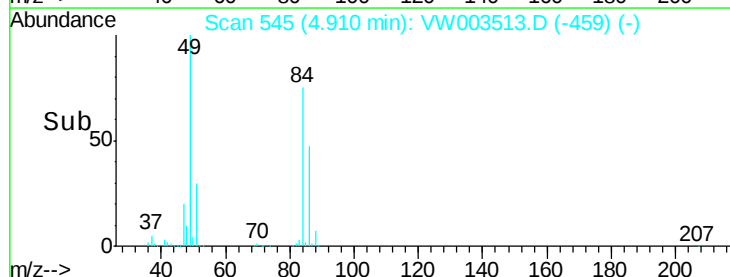
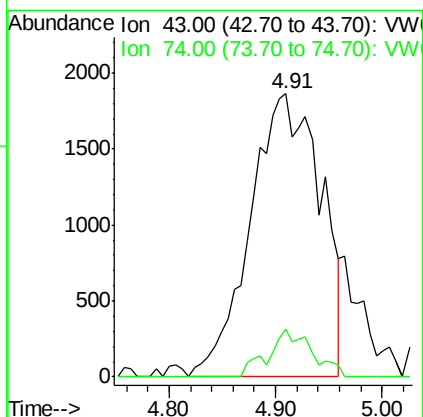
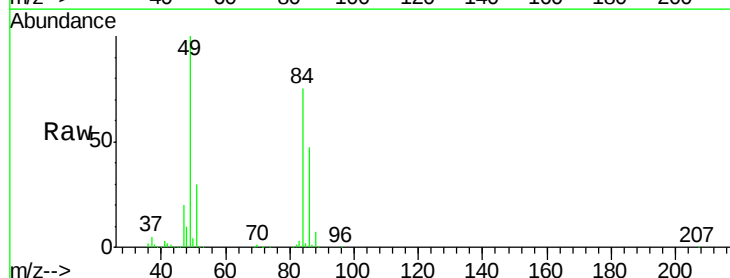
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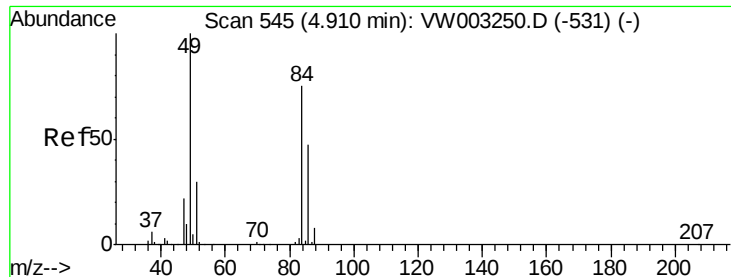
Tgt Ion: 43 Resp: 8575

Ion Ratio Lower Upper

43 100

74 10.4 18.7 28.1#

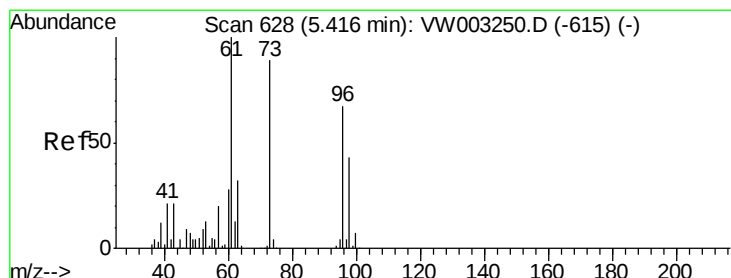
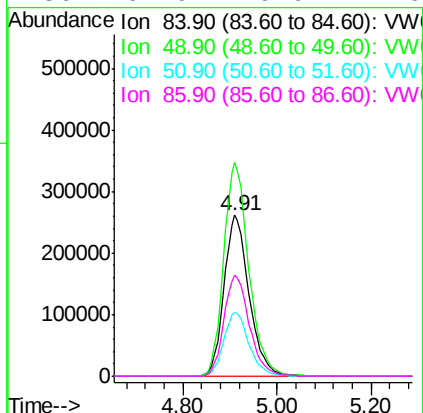
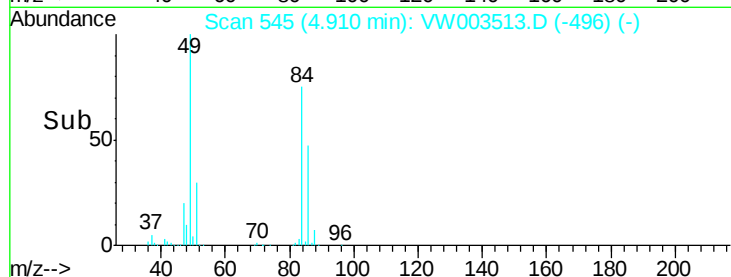
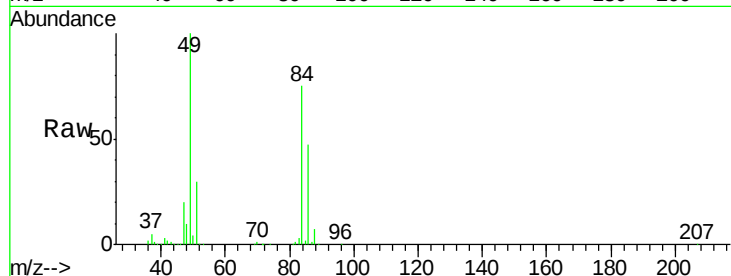




#20
Methylene Chloride
Concen: 530.999 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

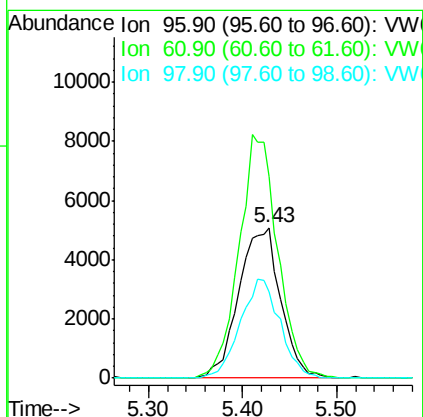
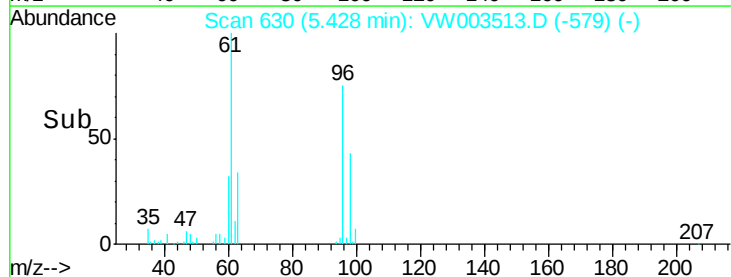
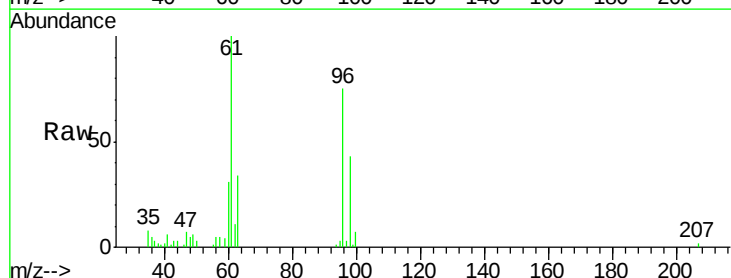
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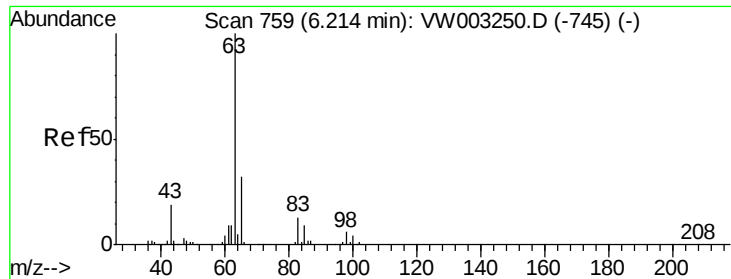
Tgt Ion: 84 Resp: 960875
Ion Ratio Lower Upper
84 100
49 132.6 106.3 159.5
51 39.7 32.0 48.0
86 62.9 49.9 74.9



#21
trans-1,2-Dichloroethene
Concen: 7.978 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

Tgt Ion: 96 Resp: 15788
Ion Ratio Lower Upper
96 100
61 133.8 118.7 178.1
98 57.7 51.0 76.6





#24

1,1-Dichloroethane

Concen: 9.079 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW003513.D

Acq: 24 Jun 2018 16:22

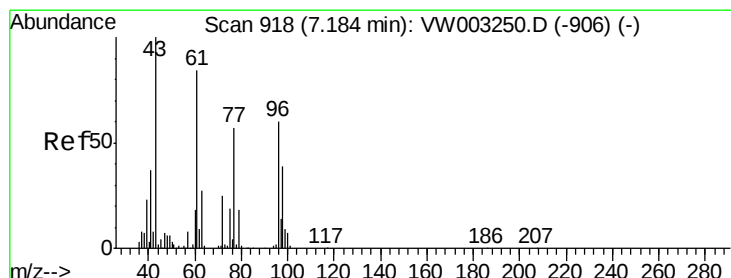
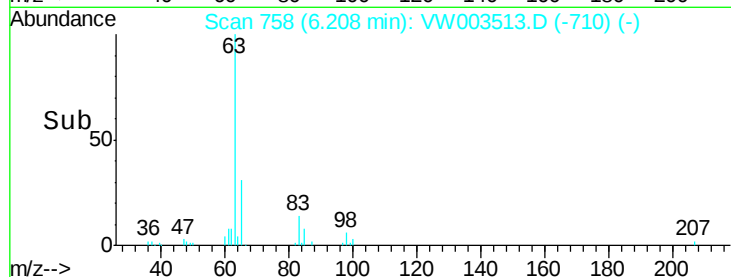
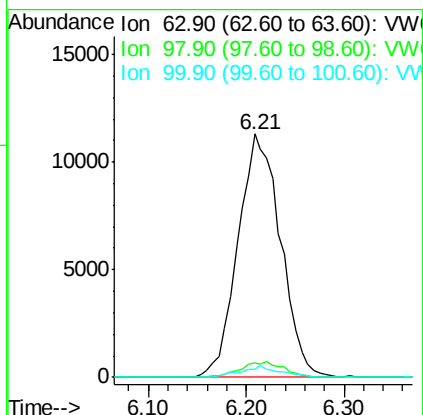
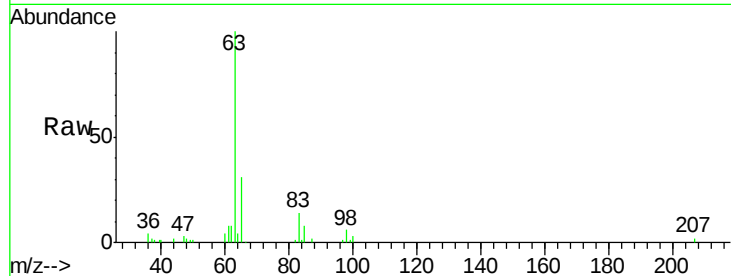
Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-33-35-180620

Tgt Ion:	63	Resp:	34167
Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.8	8.3
100	3.3	2.1	6.5



#25

2-Butanone

Concen: 116.296 ug/l

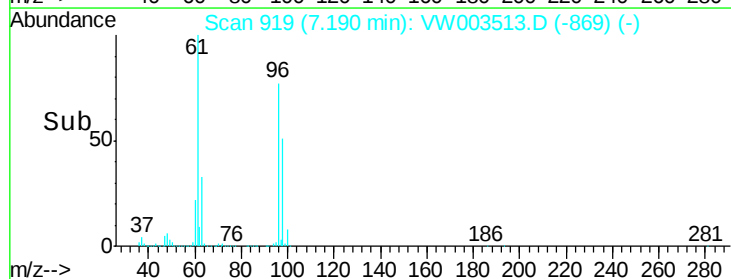
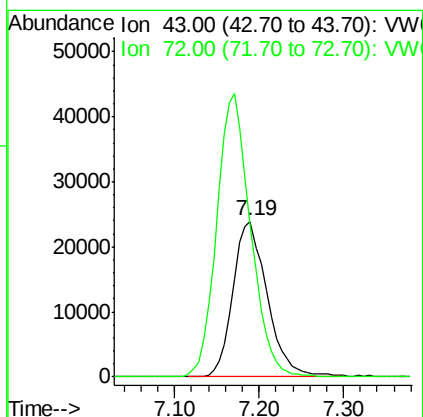
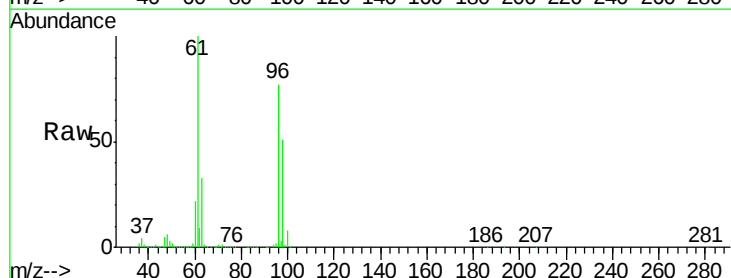
RT: 7.19 min Scan# 919

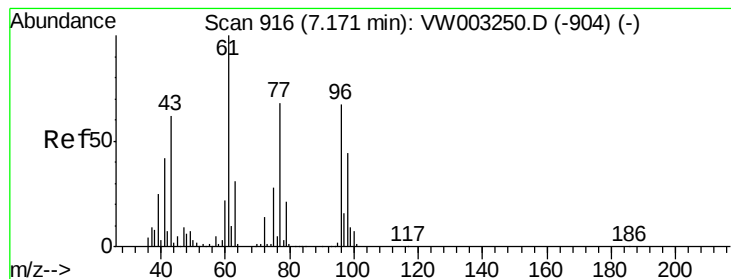
Delta R.T. 0.01 min

Lab File: VW003513.D

Acq: 24 Jun 2018 16:22

Tgt Ion:	43	Resp:	65991
Ion	Ratio	Lower	Upper
43	100		
72	97.6	20.3	30.5#



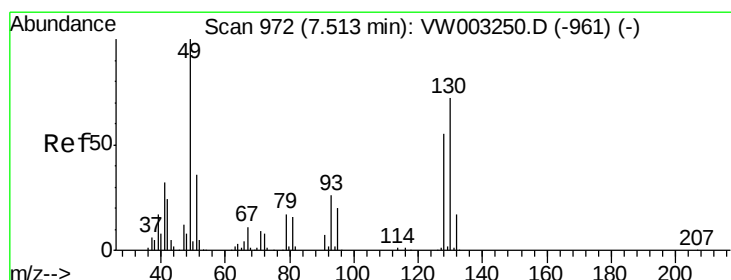
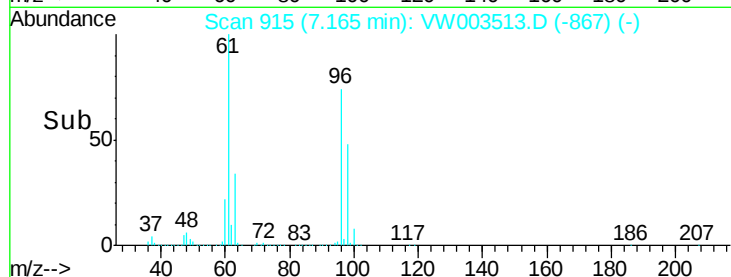
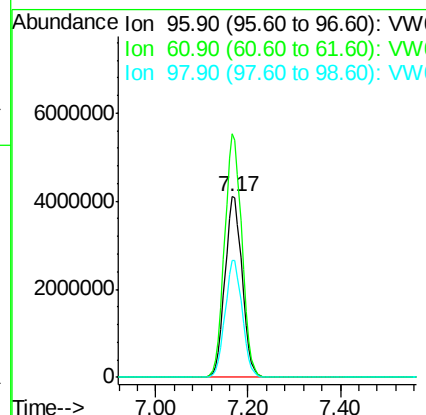
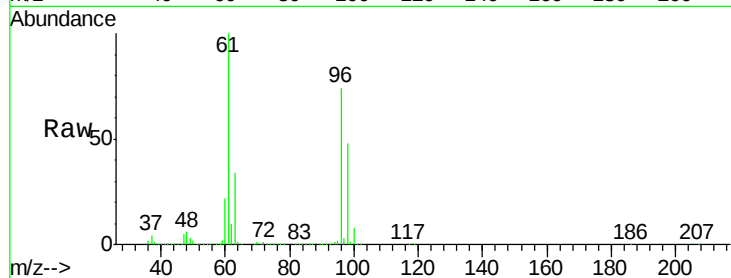


#27

cis-1,2-Dichloroethene
Concen: 4875.245 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-33-35-180620

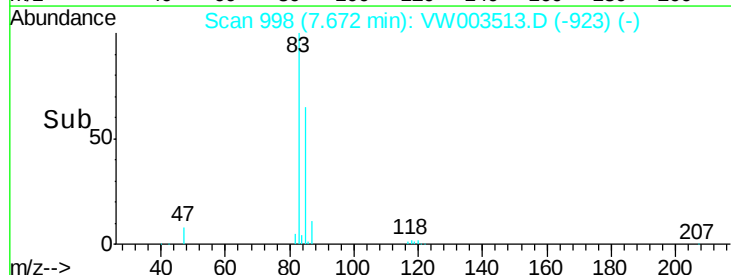
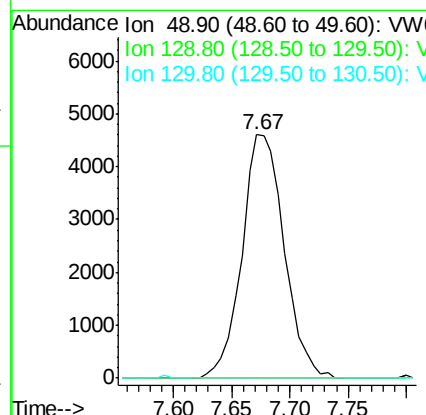
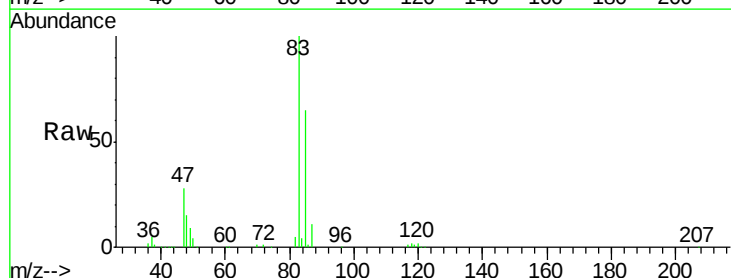
Tgt Ion: 96 Resp:10598947
Ion Ratio Lower Upper
96 100
61 135.4 0.0 298.8
98 64.7 0.0 130.4

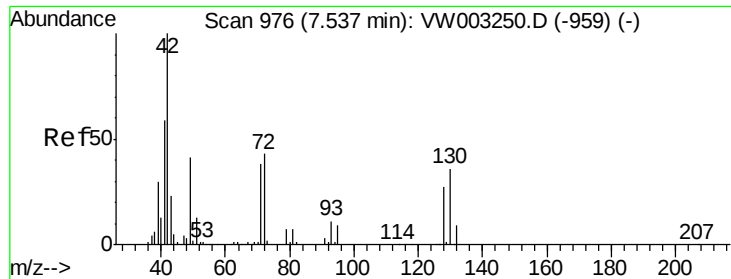


#28

Bromochloromethane
Concen: 7.413 ug/l
RT: 7.67 min Scan# 998
Delta R.T. 0.16 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

Tgt Ion: 49 Resp: 11609
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 59.4 89.2#

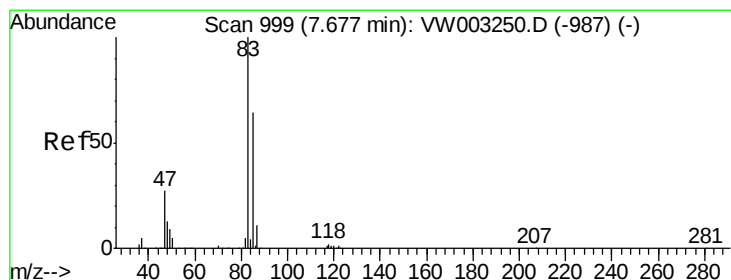
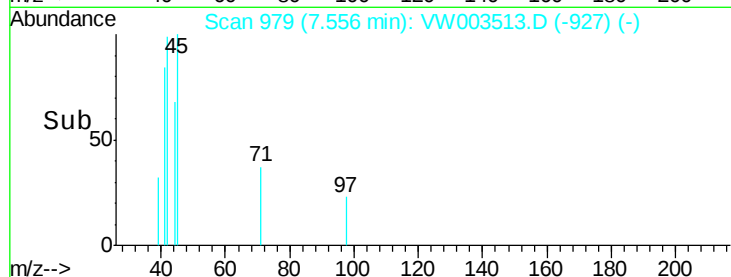
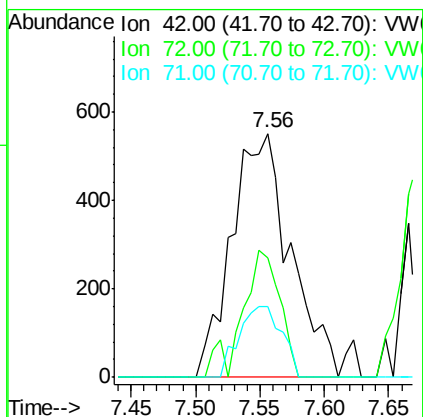
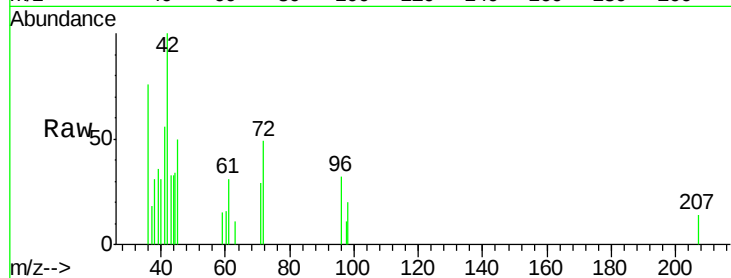




#29
Tetrahydrofuran
Concen: 5.023 ug/l
RT: 7.56 min Scan# 979
Delta R.T. 0.02 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

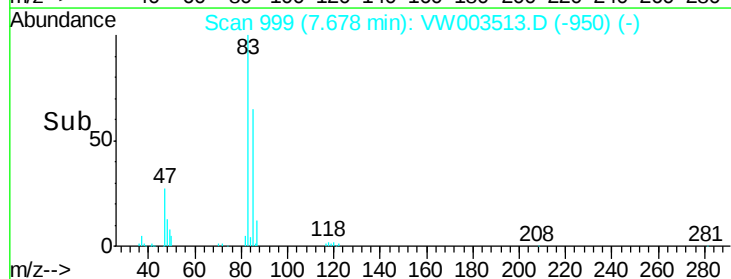
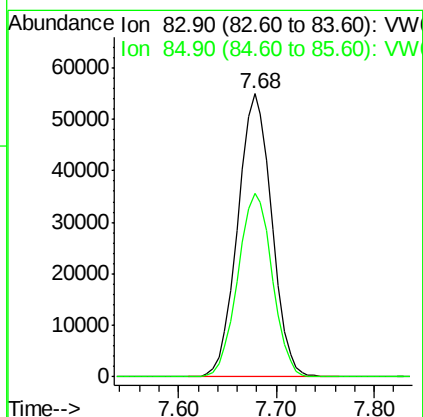
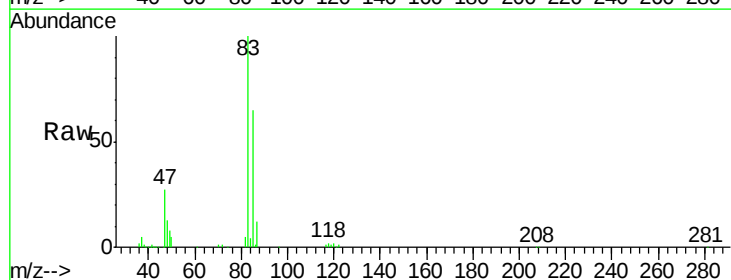
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-33-35-180620

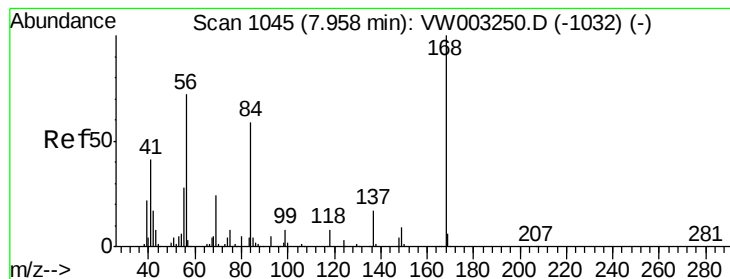
Tgt Ion: 42 Resp: 1742
Ion Ratio Lower Upper
42 100
72 33.3 32.4 48.6
71 21.1 31.2 46.8#



#30
Chloroform
Concen: 34.581 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

Tgt Ion: 83 Resp: 132587
Ion Ratio Lower Upper
83 100
85 64.6 51.3 76.9





#31

Cyclohexane

Concen: 1.968 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003513.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-33-35-180620

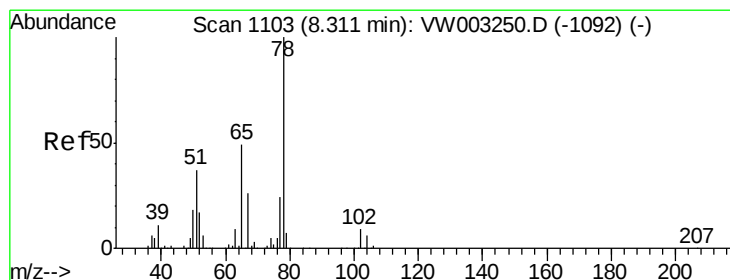
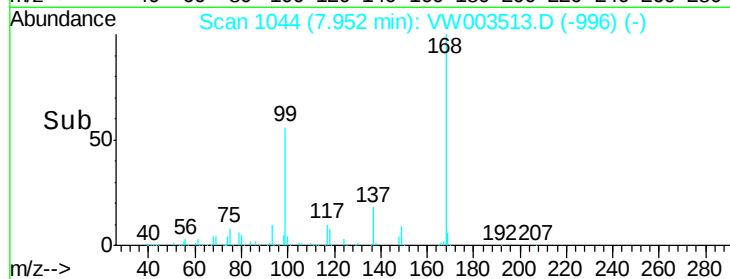
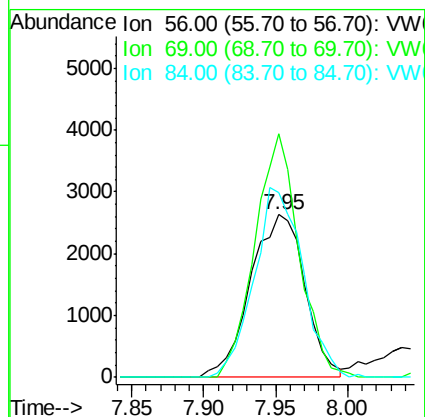
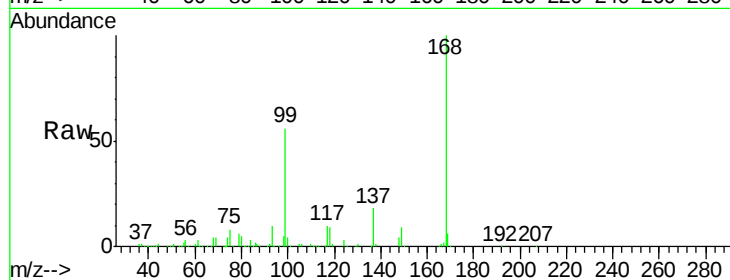
Tgt Ion: 56 Resp: 6918

Ion Ratio Lower Upper

56 100

69 149.8 26.3 39.5#

84 114.1 65.7 98.5#



#33

1,2-Dichloroethane-d4

Concen: 60.832 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003513.D

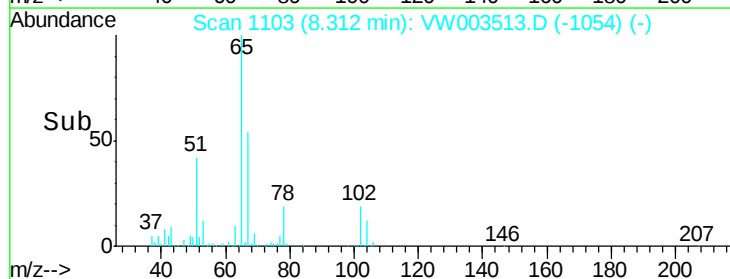
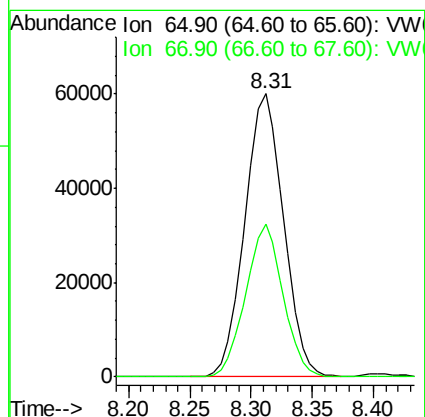
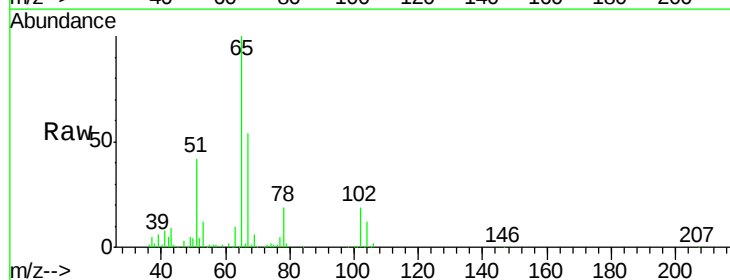
Acq: 24 Jun 2018 16:22

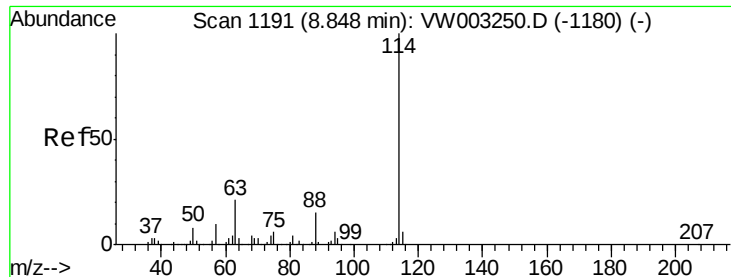
Tgt Ion: 65 Resp: 132358

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.2

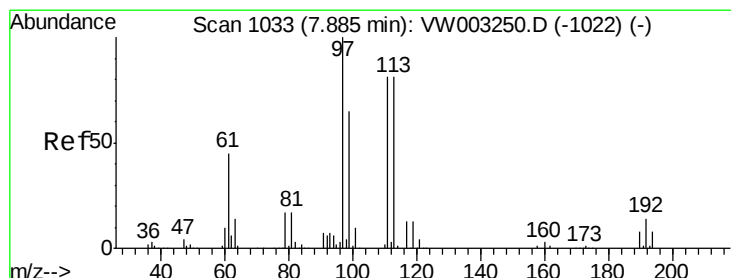
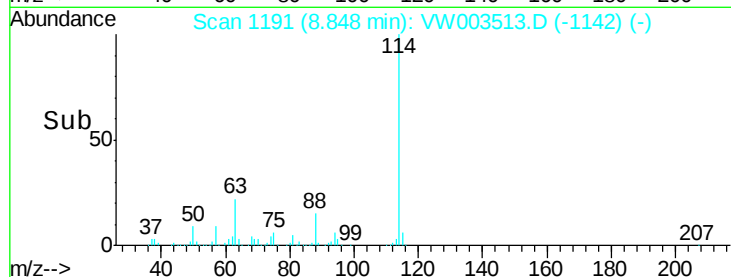
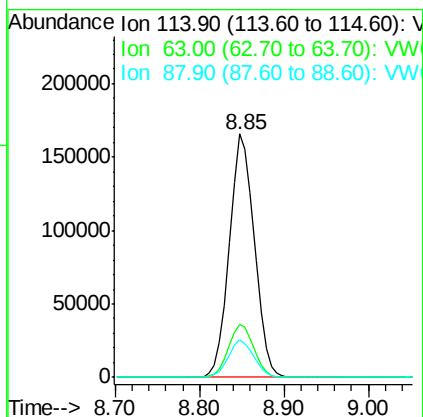
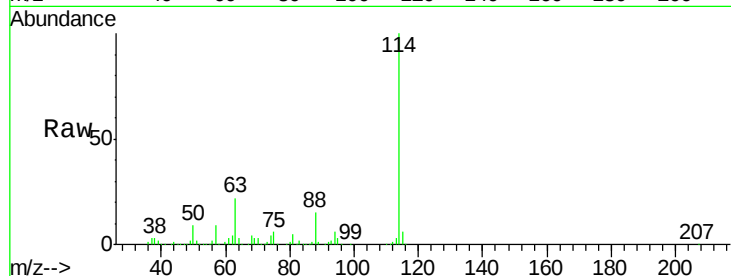




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003513.D
 Acq: 24 Jun 2018 16:22

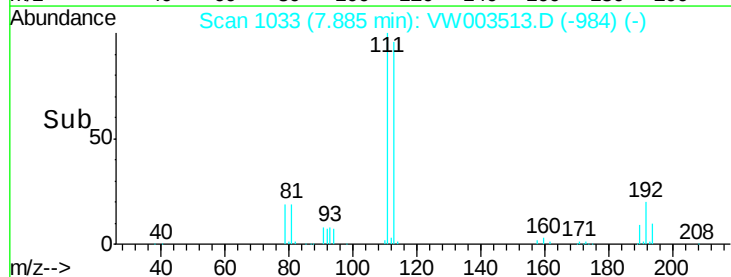
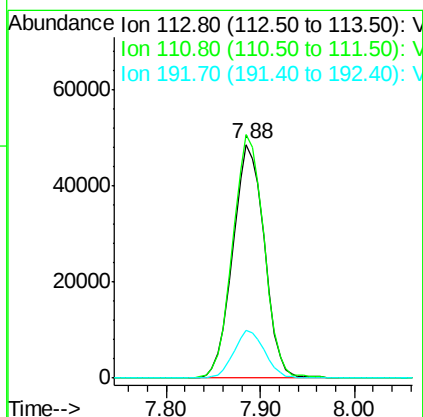
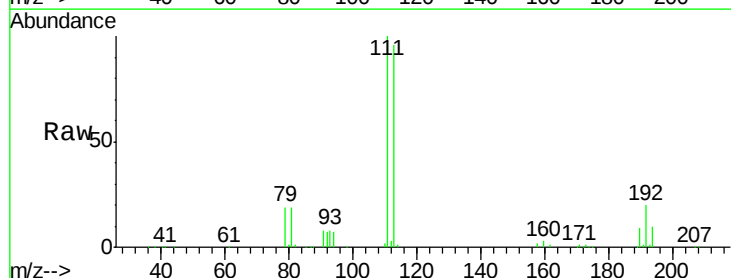
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-33-35-180620

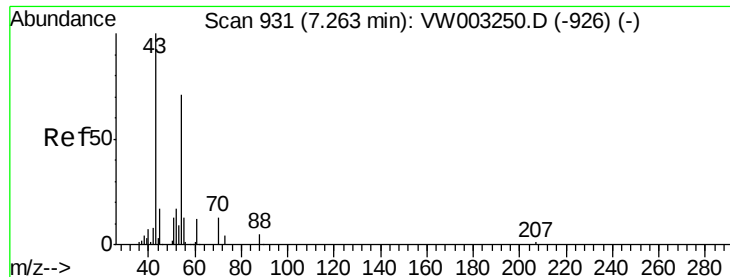
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.0
88	15.4	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 54.890 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003513.D
 Acq: 24 Jun 2018 16:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	19.9	16.2	24.2





#37

Ethyl Acetate

Concen: 49.489 ug/l

RT: 7.19 min Scan# 919

Delta R.T. -0.07 min

Lab File: VW003513.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_W

ClientSampleId :

WP021SB483-33-35-180620

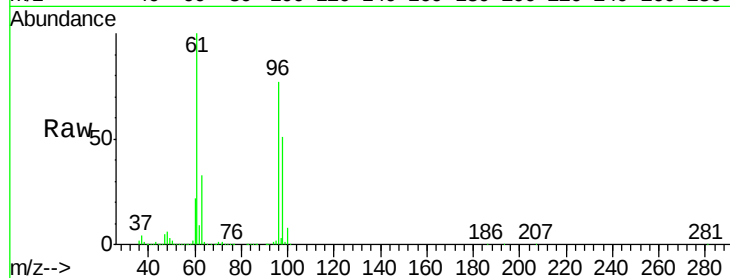
Tgt Ion: 43 Resp: 65991

Ion Ratio Lower Upper

43 100

61 0.0 10.8 16.2#

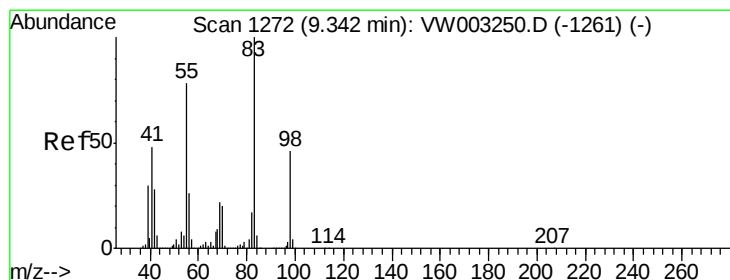
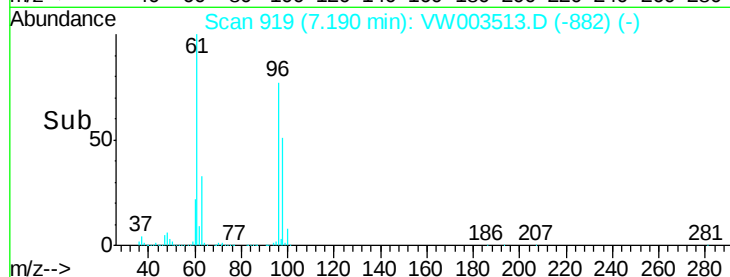
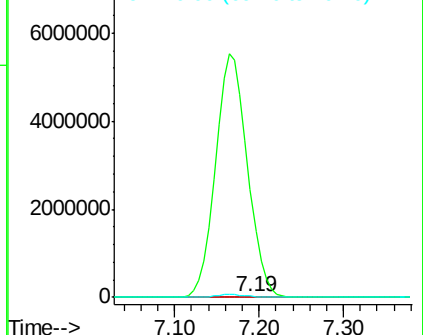
70 0.0 7.8 11.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#39

Methylcyclohexane

Concen: 184.116 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.25 min

Lab File: VW003513.D

Acq: 24 Jun 2018 16:22

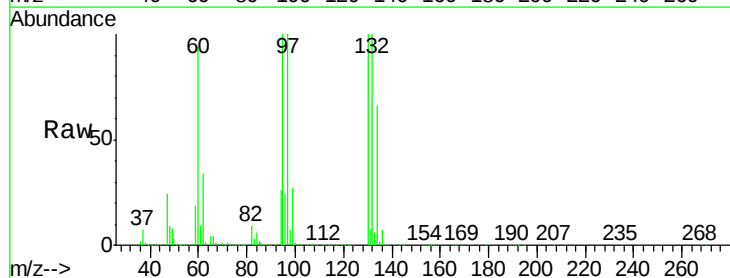
Tgt Ion: 83 Resp: 685714

Ion Ratio Lower Upper

83 100

55 0.2 62.6 93.8#

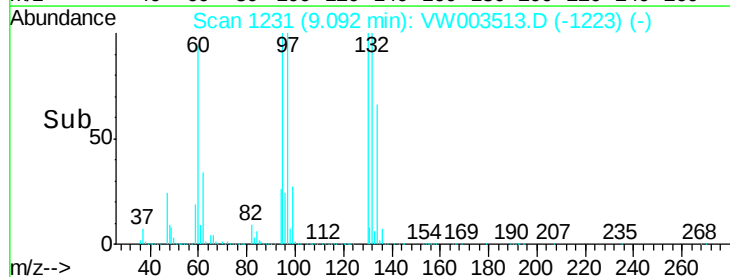
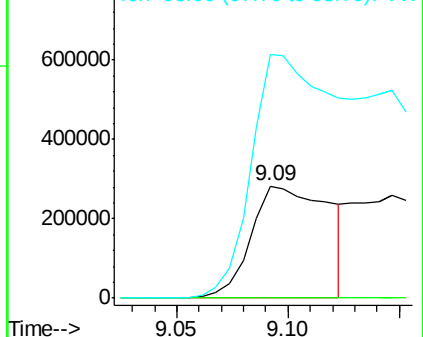
98 216.6 37.0 55.4#

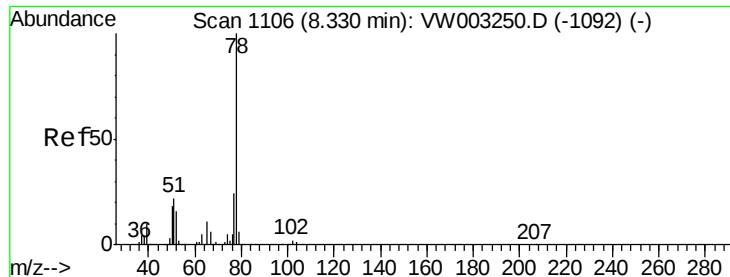


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 5.618 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW003513.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_W

ClientSampleId :

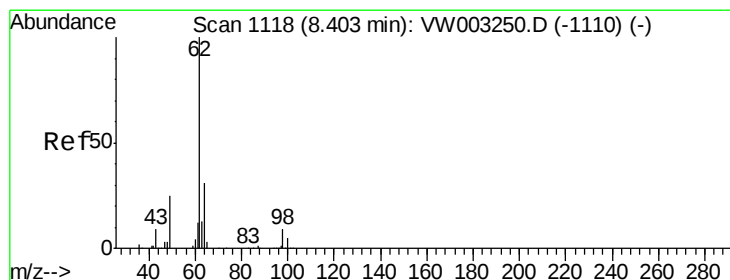
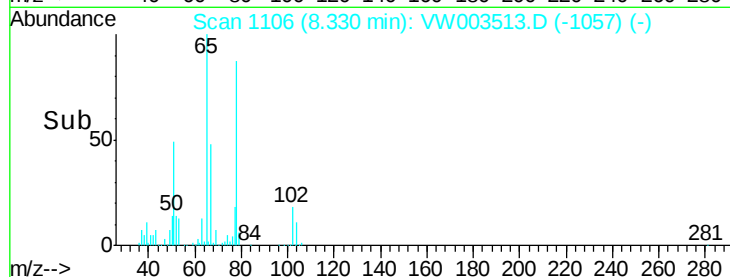
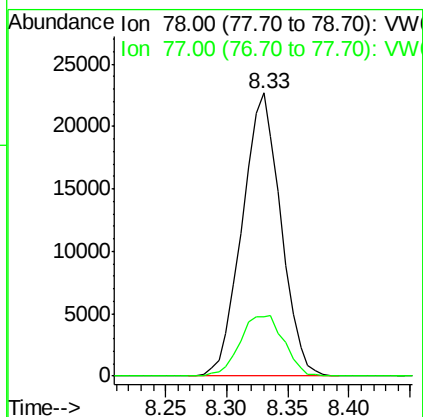
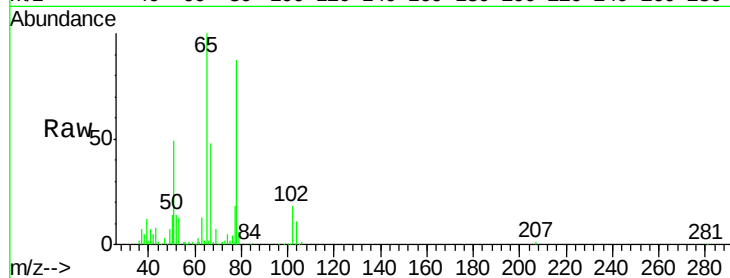
WP021SB483-33-35-180620

Tgt Ion: 78 Resp: 49843

Ion Ratio Lower Upper

78 100

77 21.0 19.0 28.6



#42

1,2-Dichloroethane

Concen: 11.170 ug/l

RT: 8.41 min Scan# 1119

Delta R.T. 0.01 min

Lab File: VW003513.D

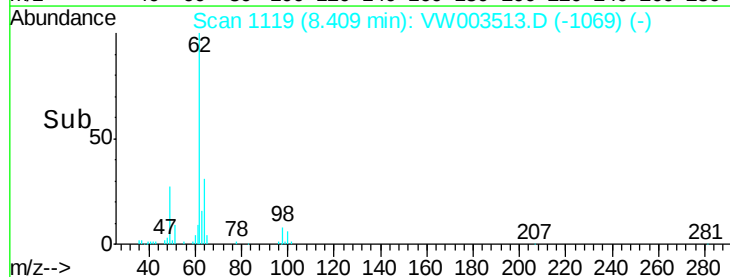
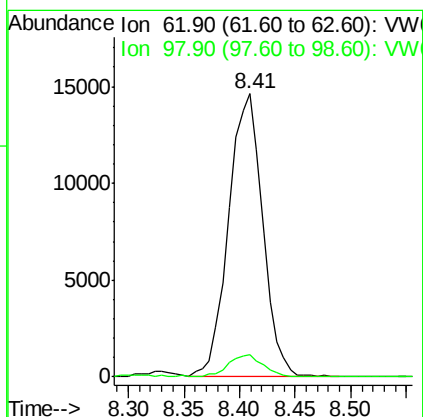
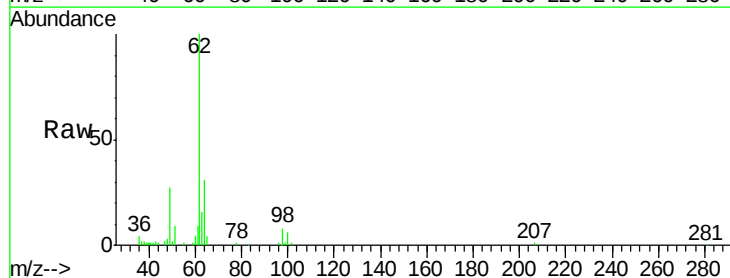
Acq: 24 Jun 2018 16:22

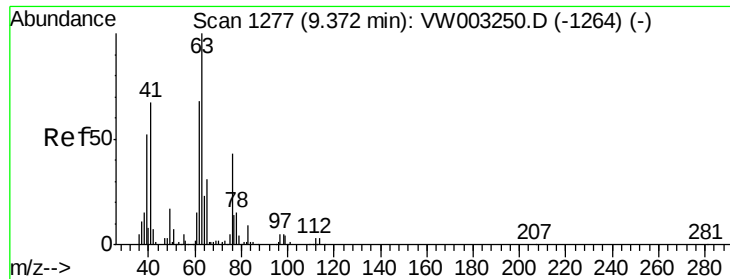
Tgt Ion: 62 Resp: 31051

Ion Ratio Lower Upper

62 100

98 8.2 0.0 17.2





#45

1,2-Dichloropropane

Concen: 108.757 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.28 min

Lab File: VW003513.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_W

ClientSampleId :

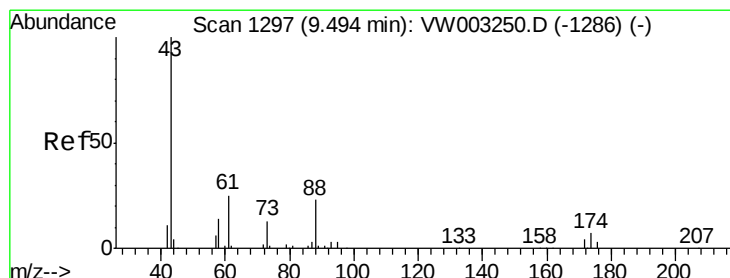
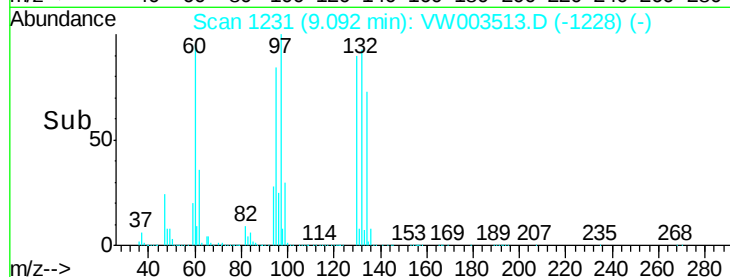
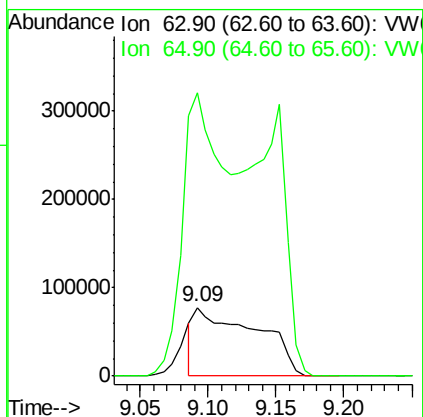
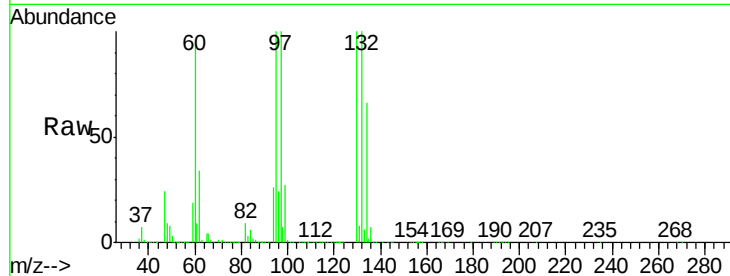
WP021SB483-33-35-180620

Tgt Ion: 63 Resp: 245684

Ion Ratio Lower Upper

63 100

65 412.2 25.1 37.7#



#49

1,4-Dioxane

Concen: 5.154 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. 0.01 min

Lab File: VW003513.D

Acq: 24 Jun 2018 16:22

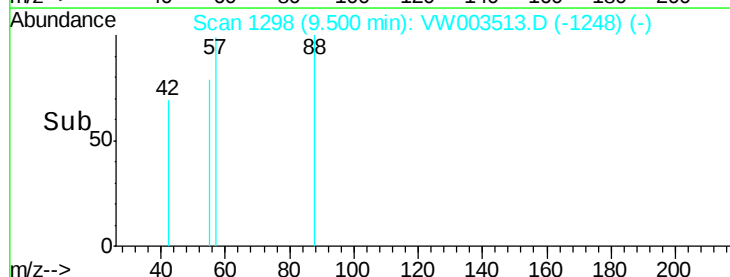
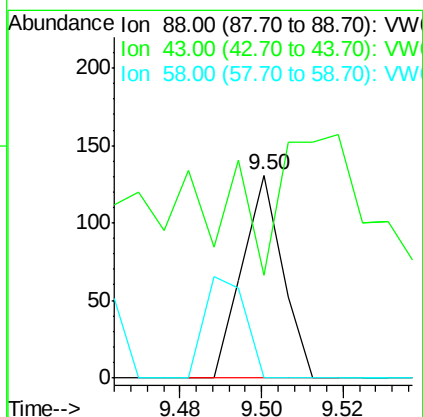
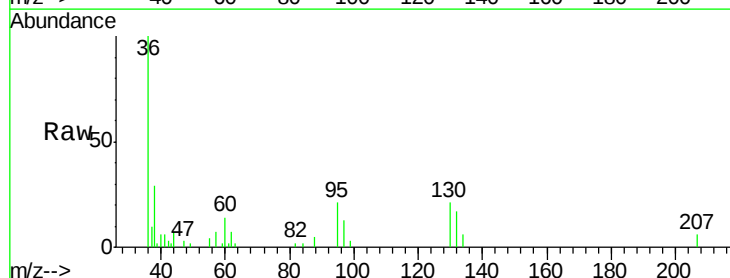
Tgt Ion: 88 Resp: 90

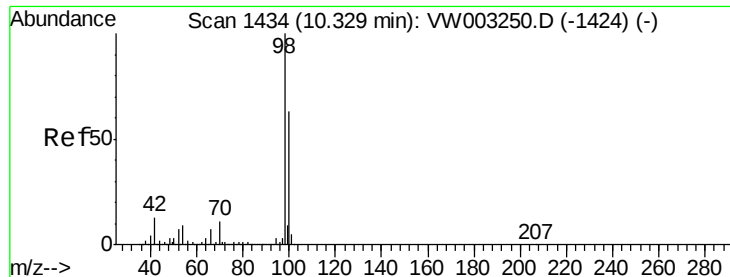
Ion Ratio Lower Upper

88 100

43 0.0 454.7 682.1#

58 50.0 58.6 88.0#





#50

Toluene-d8

Concen: 48.627 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003513.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_W

ClientSampleId :

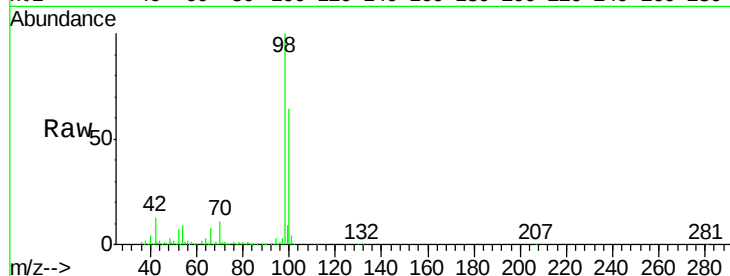
WP021SB483-33-35-180620

Tgt Ion: 98 Resp: 399321

Ion Ratio Lower Upper

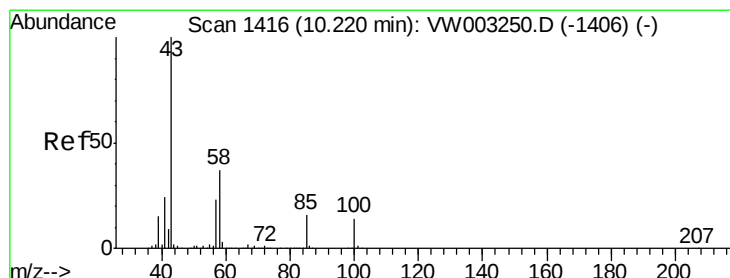
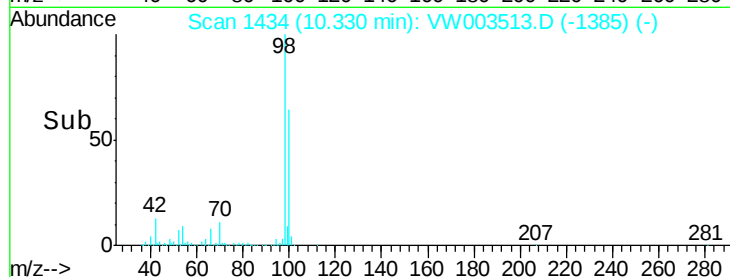
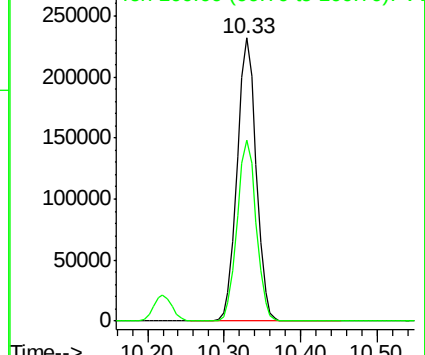
98 100

100 64.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 206.661 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003513.D

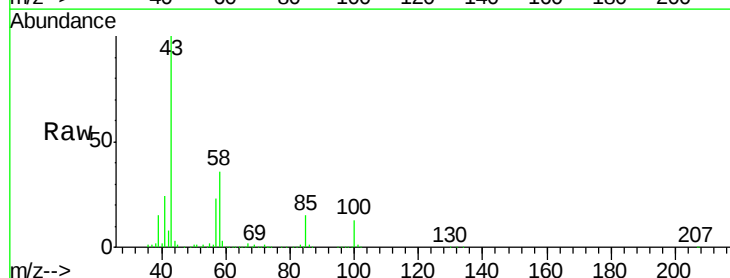
Acq: 24 Jun 2018 16:22

Tgt Ion: 43 Resp: 278821

Ion Ratio Lower Upper

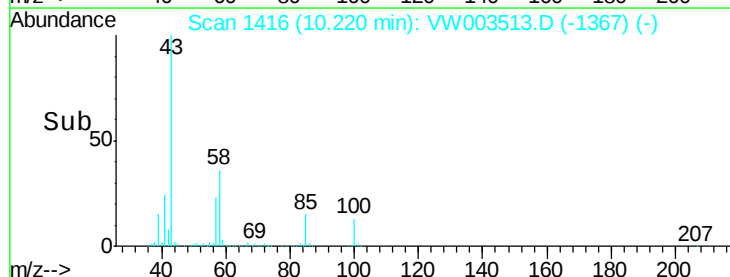
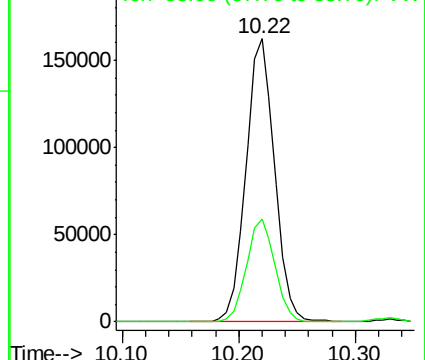
43 100

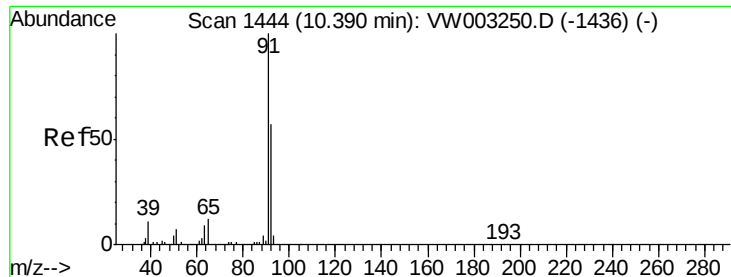
58 36.2 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 1214.610 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW003513.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_W

ClientSampleId :

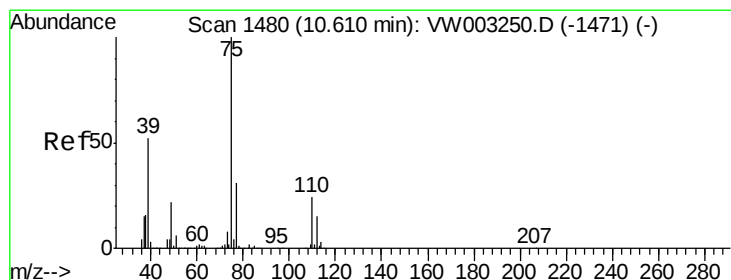
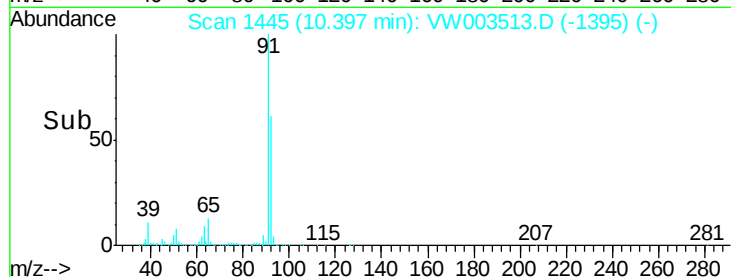
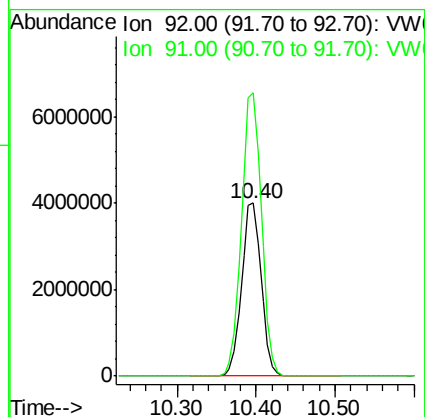
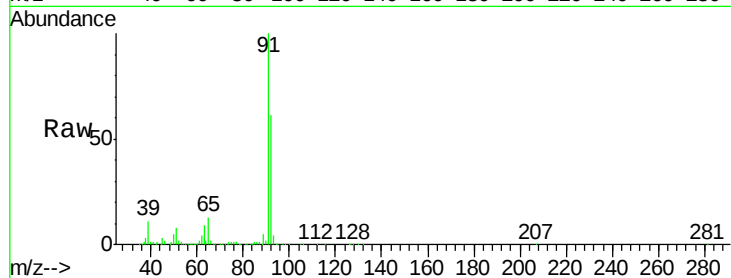
WP021SB483-33-35-180620

Tgt Ion: 92 Resp: 6910490

Ion Ratio Lower Upper

92 100

91 167.1 141.1 211.7



#53

t-1,3-Dichloropropene

Concen: 28.377 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.21 min

Lab File: VW003513.D

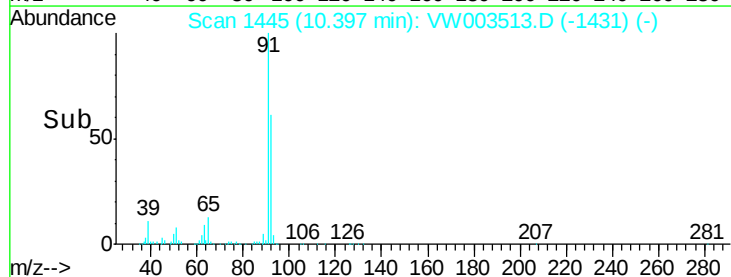
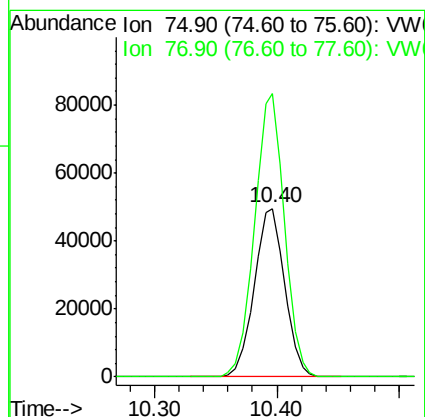
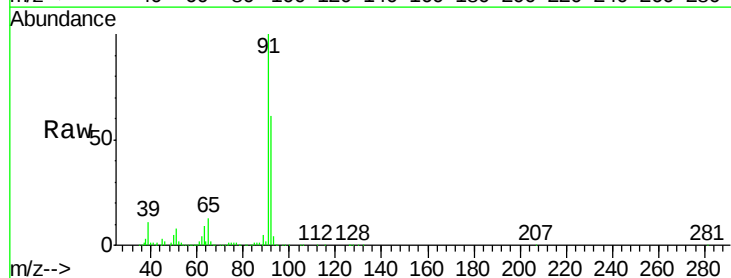
Acq: 24 Jun 2018 16:22

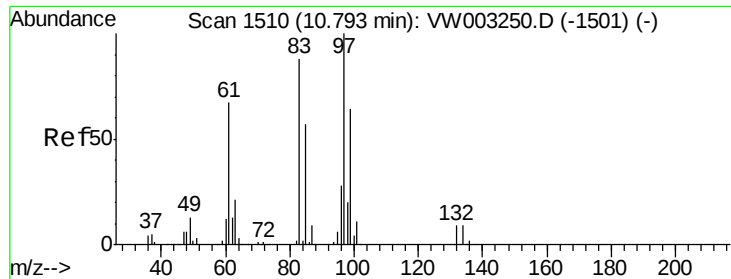
Tgt Ion: 75 Resp: 85937

Ion Ratio Lower Upper

75 100

77 168.0 24.9 37.3#

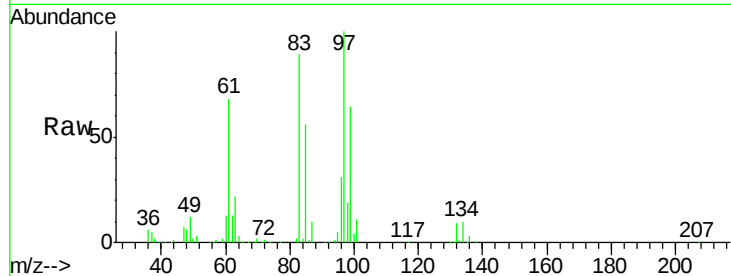




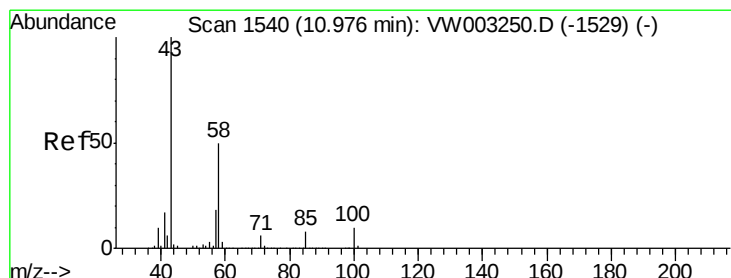
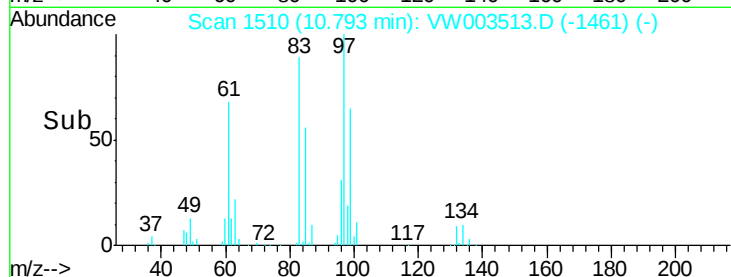
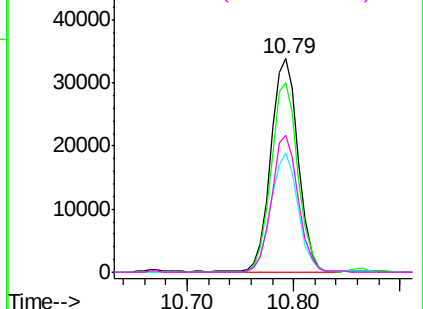
#55
 1,1,2-Trichloroethane
 Concen: 37.142 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003513.D
 Acq: 24 Jun 2018 16:22

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-33-35-180620

Tgt Ion: 97 Resp: 60533
 Ion Ratio Lower Upper
 97 100
 83 88.7 70.2 105.2
 85 55.8 45.6 68.4
 99 64.5 51.2 76.8

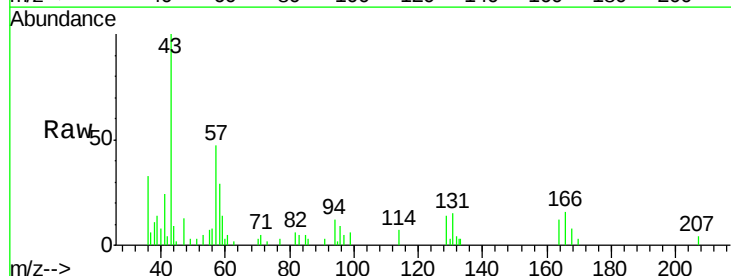


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

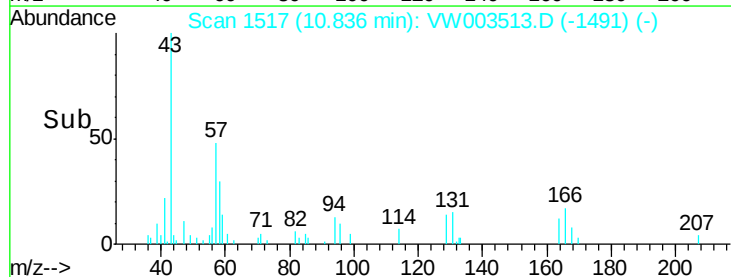
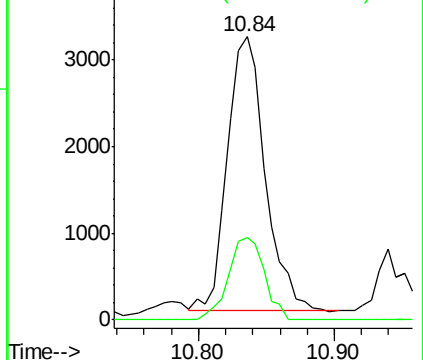


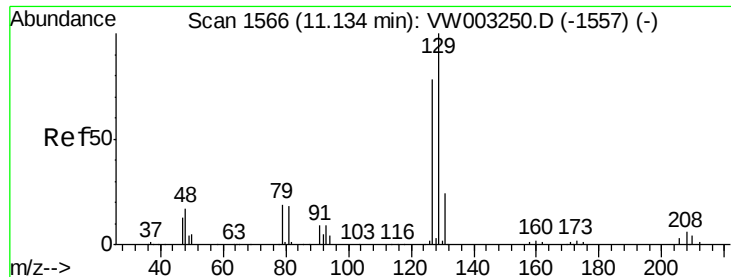
#59
 2-Hexanone
 Concen: 6.489 ug/l
 RT: 10.84 min Scan# 1517
 Delta R.T. -0.14 min
 Lab File: VW003513.D
 Acq: 24 Jun 2018 16:22

Tgt Ion: 43 Resp: 6116
 Ion Ratio Lower Upper
 43 100
 58 28.5 25.0 75.0



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

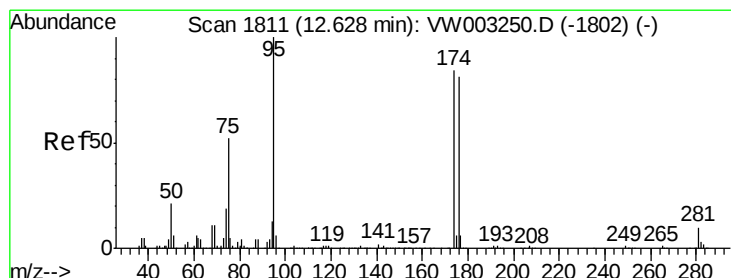
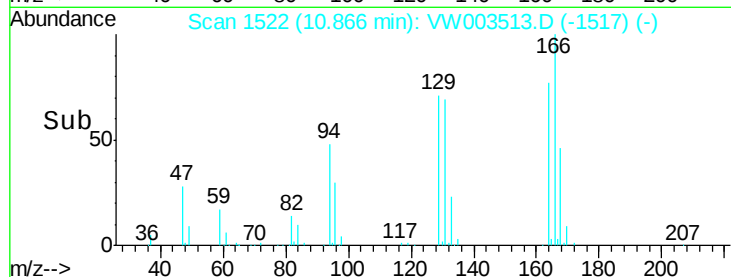
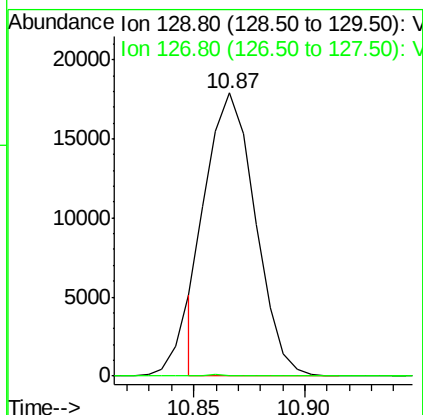
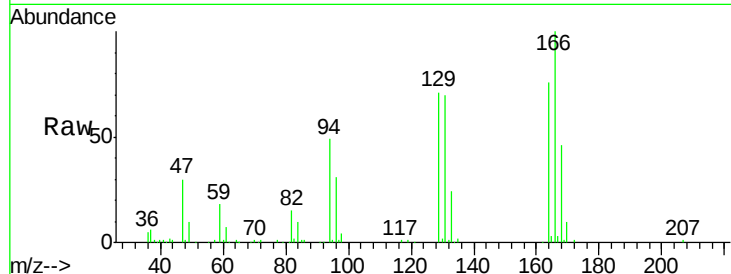




#60
Dibromochloromethane
Concen: 14.196 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.27 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

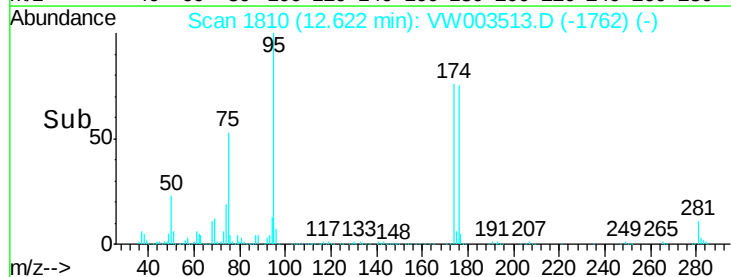
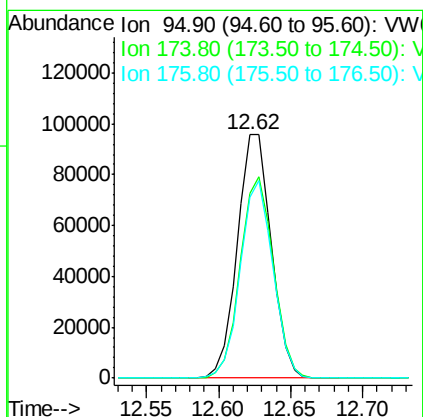
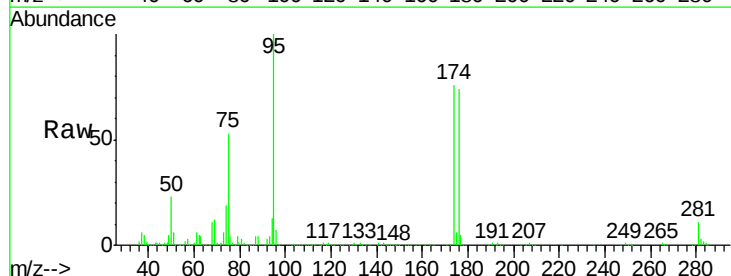
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-33-35-180620

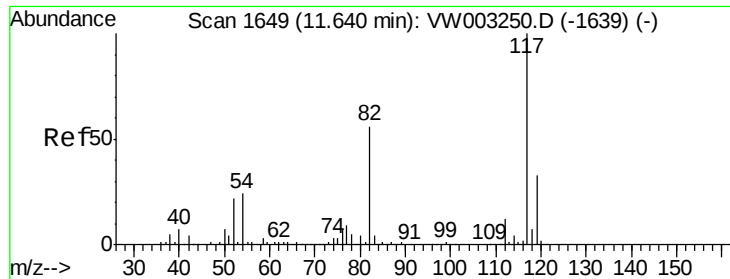
Tgt Ion: 129 Resp: 27513
Ion Ratio Lower Upper
129 100
127 0.1 39.1 117.5#



#62
4-Bromofluorobenzene
Concen: 53.860 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

Tgt Ion: 95 Resp: 156524
Ion Ratio Lower Upper
95 100
174 80.7 0.0 166.4
176 77.9 0.0 162.0

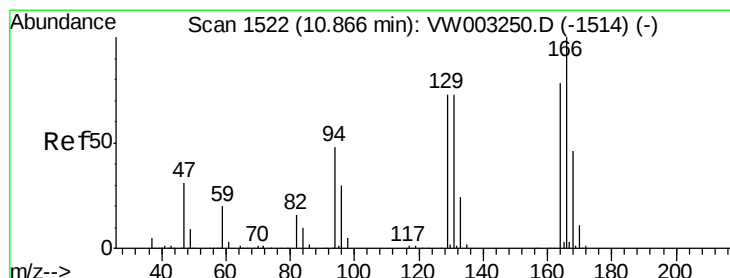
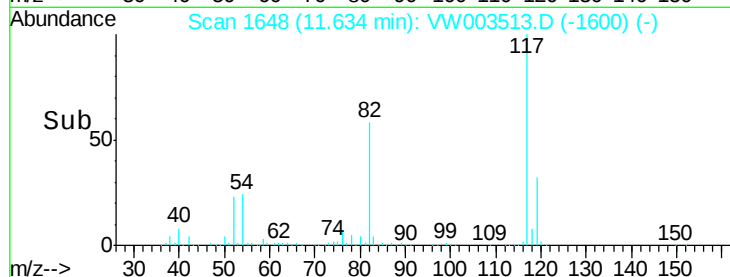
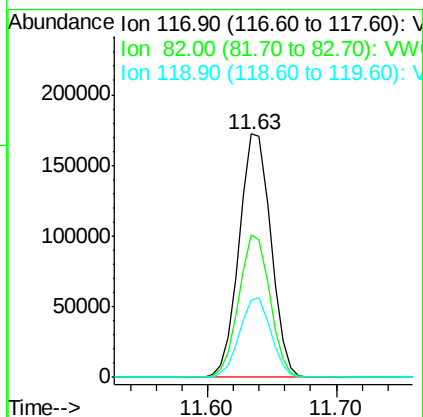
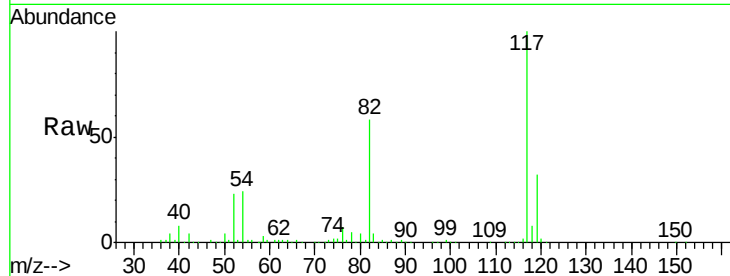




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

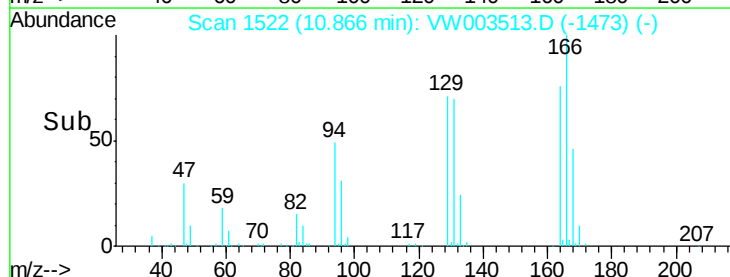
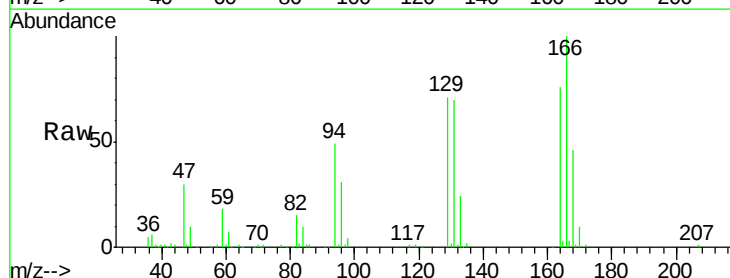
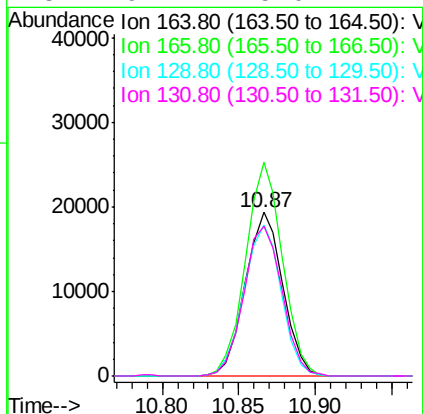
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-33-35-180620

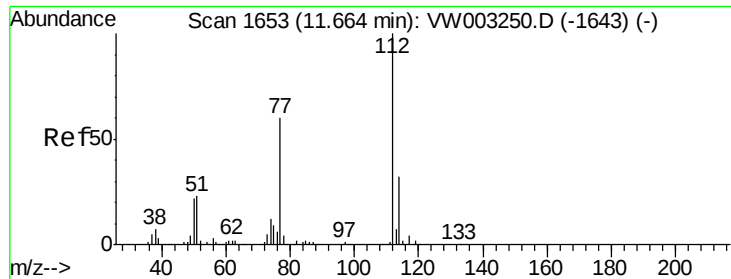
Tgt Ion:117 Resp: 294393
Ion Ratio Lower Upper
117 100
82 58.4 44.6 67.0
119 31.8 26.7 40.1



#64
Tetrachloroethene
Concen: 16.772 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

Tgt Ion:164 Resp: 33026
Ion Ratio Lower Upper
164 100
166 130.7 102.6 154.0
129 92.6 75.2 112.8
131 91.4 75.0 112.4





#65

Chlorobenzene

Concen: 4.902 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003513.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_W

ClientSampleId :

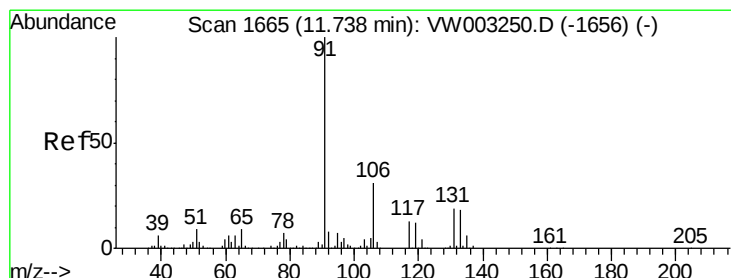
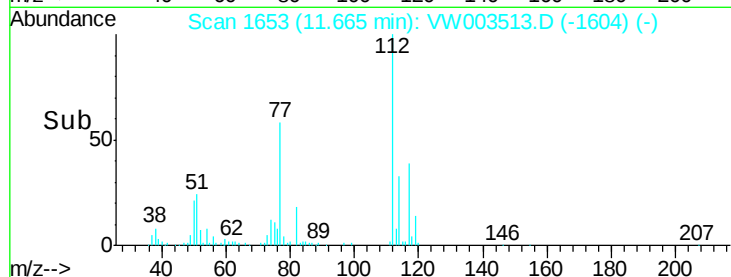
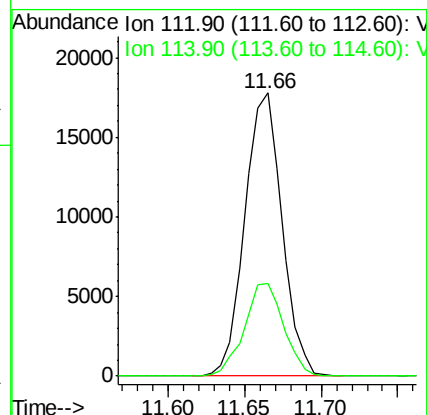
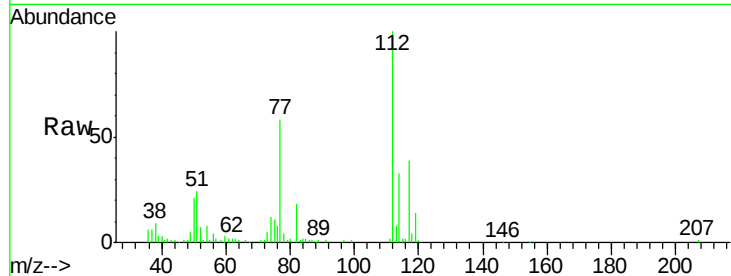
WP021SB483-33-35-180620

Tgt Ion: 112 Resp: 30052

Ion Ratio Lower Upper

112 100

114 32.5 25.9 38.9



#67

Ethyl Benzene

Concen: 4.638 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003513.D

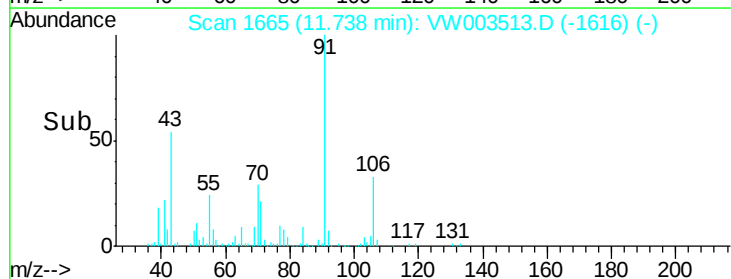
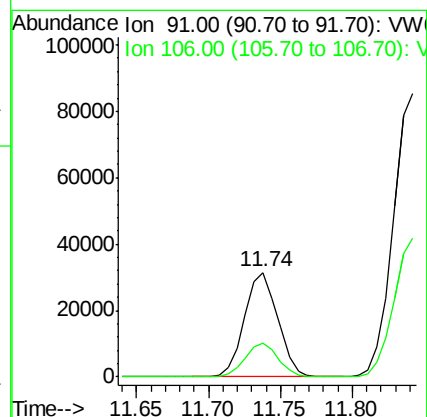
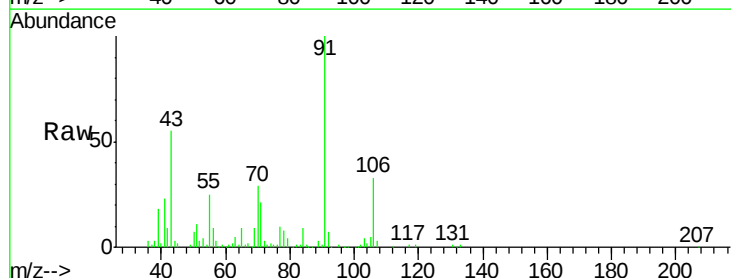
Acq: 24 Jun 2018 16:22

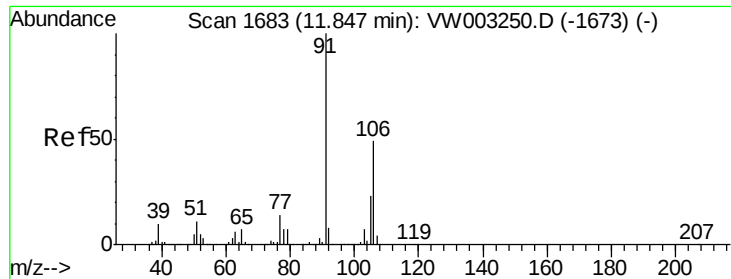
Tgt Ion: 91 Resp: 50399

Ion Ratio Lower Upper

91 100

106 32.8 24.7 37.1

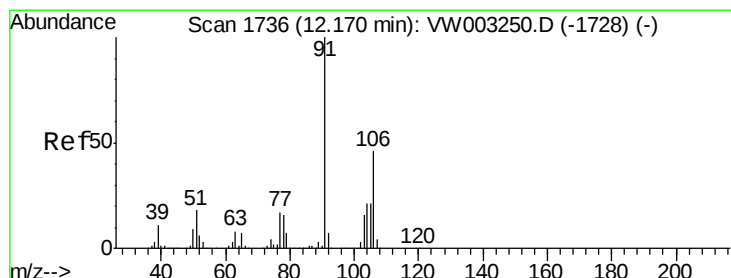
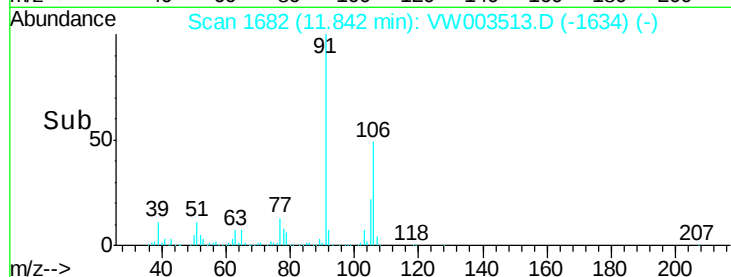
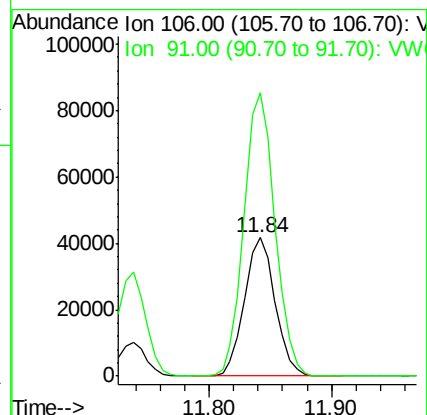
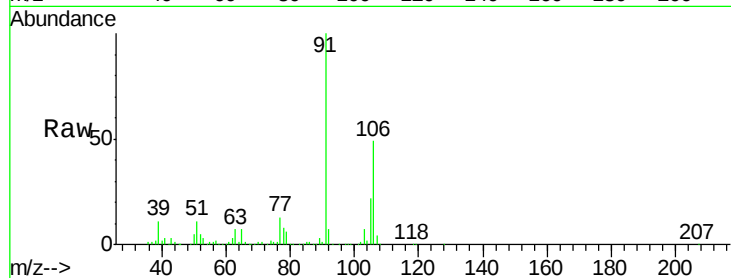




#68
m/p-Xylenes
Concen: 17.619 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

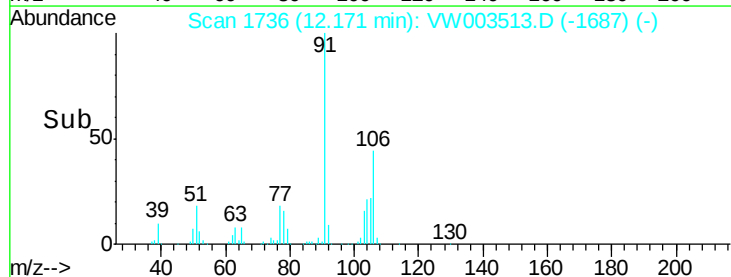
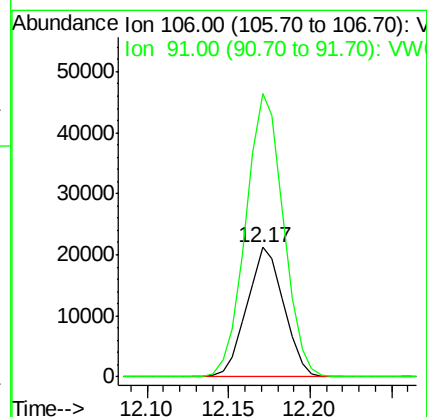
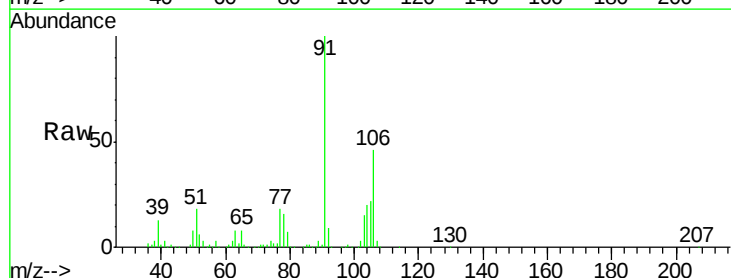
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-33-35-180620

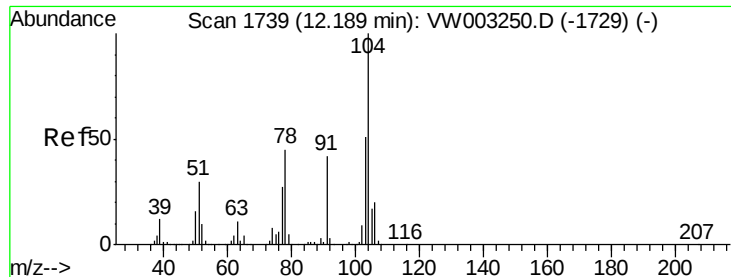
Tgt Ion:106 Resp: 72783
Ion Ratio Lower Upper
106 100
91 207.0 165.4 248.0



#69
o-Xylene
Concen: 8.750 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

Tgt Ion:106 Resp: 33500
Ion Ratio Lower Upper
106 100
91 223.4 108.6 325.6

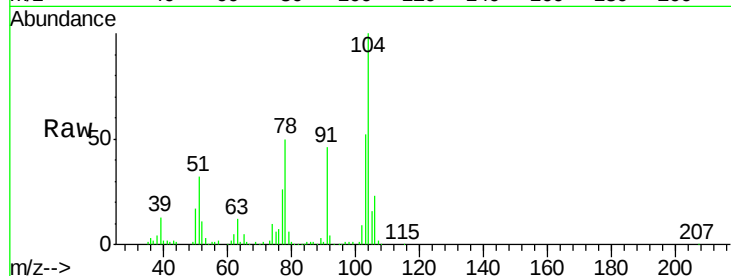




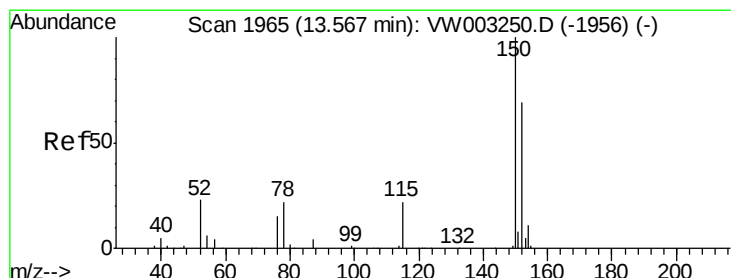
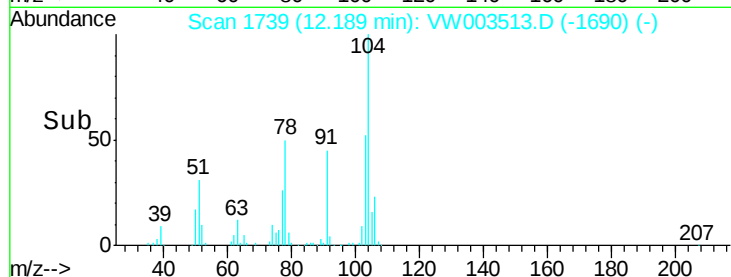
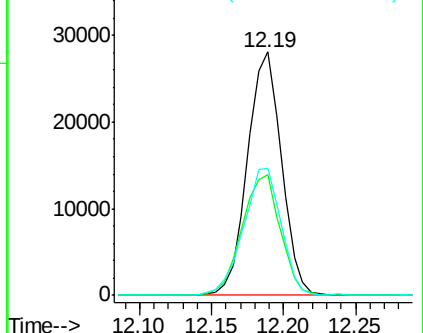
#70
Styrene
Concen: 7.195 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-33-35-180620

Tgt Ion:104 Resp: 45849
Ion Ratio Lower Upper
104 100
78 56.0 41.3 61.9
103 58.2 45.0 67.4

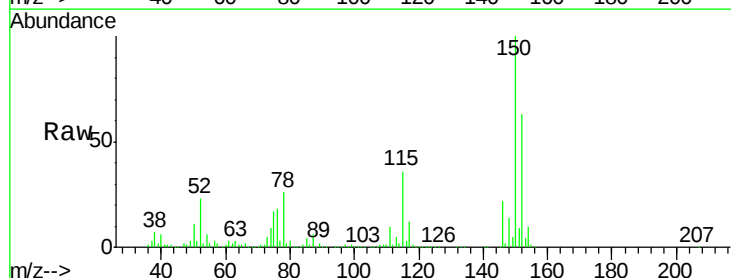


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

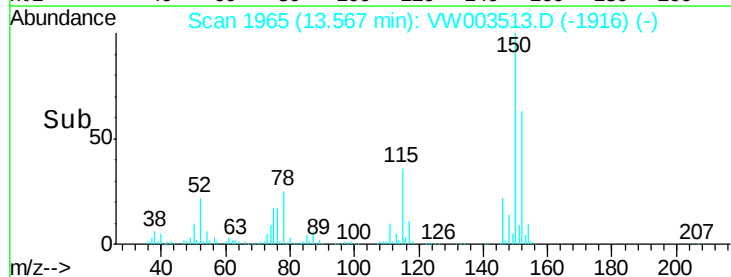
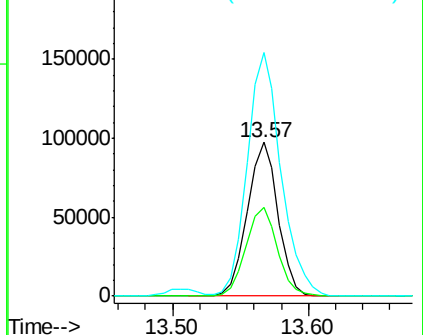


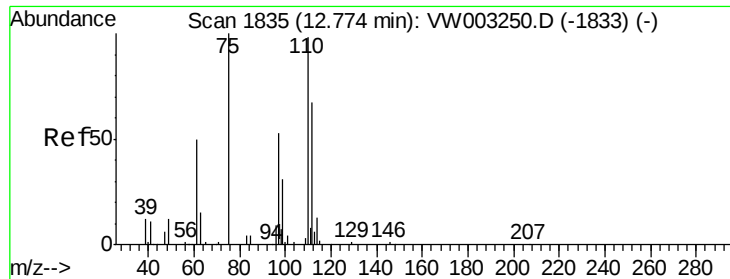
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

Tgt Ion:152 Resp: 153298
Ion Ratio Lower Upper
152 100
115 59.9 29.3 88.0
150 175.5 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





#76

1,2,3-Trichloropropane

Concen: 62.688 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003513.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_W

ClientSampleId :

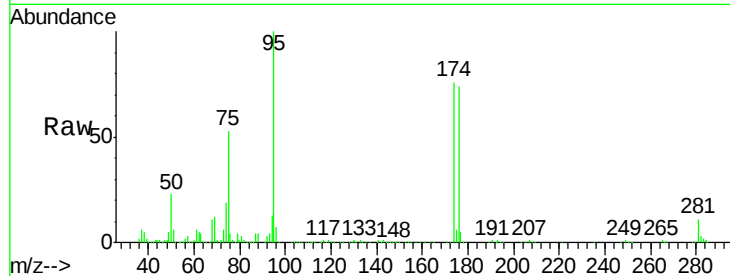
WP021SB483-33-35-180620

Tgt Ion: 75 Resp: 82154

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

60000

50000

40000

30000

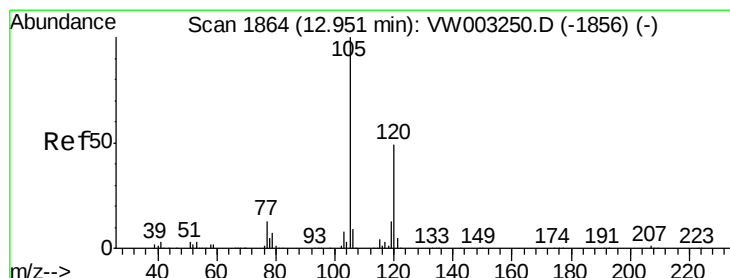
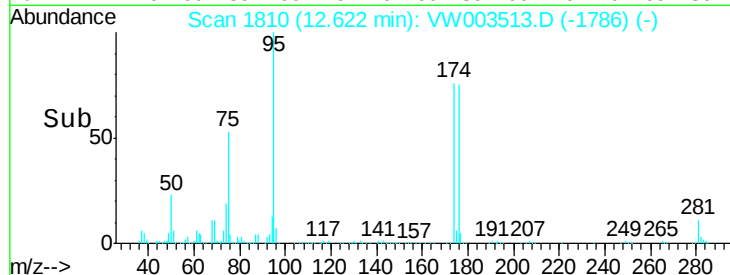
20000

10000

0

Time-->

12.60 12.70



#80

1,3,5-Trimethylbenzene

Concen: 2.426 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003513.D

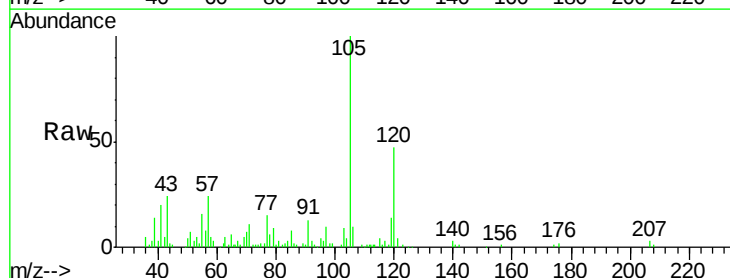
Acq: 24 Jun 2018 16:22

Tgt Ion: 105 Resp: 21709

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.95

15000

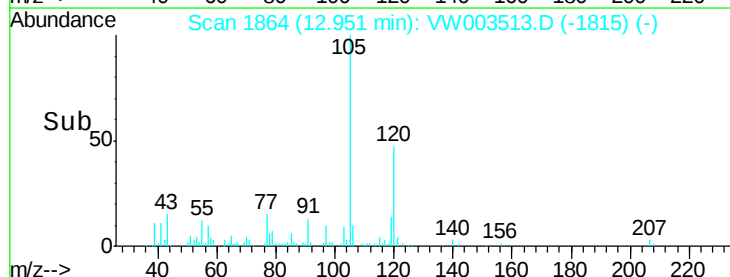
10000

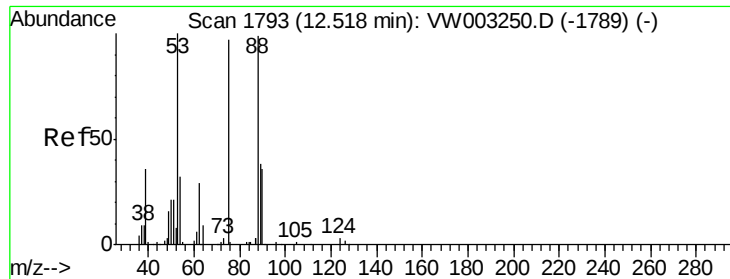
5000

0

Time-->

12.90 12.95 13.00

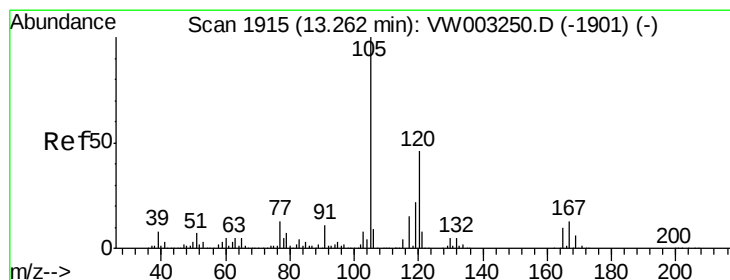
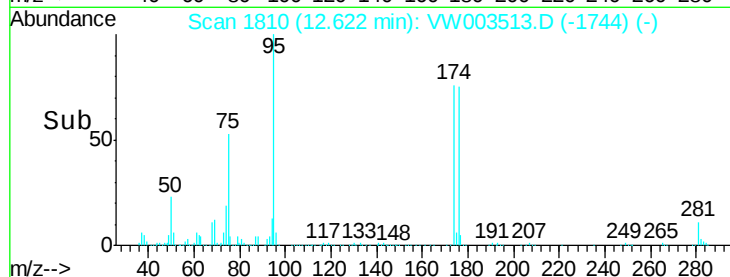
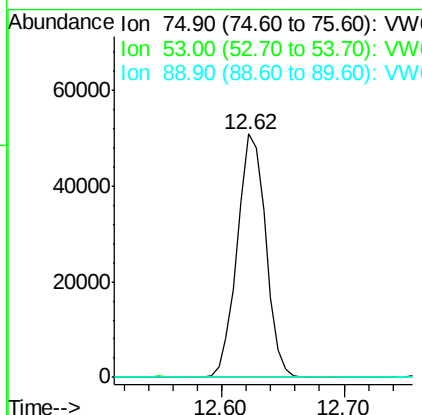
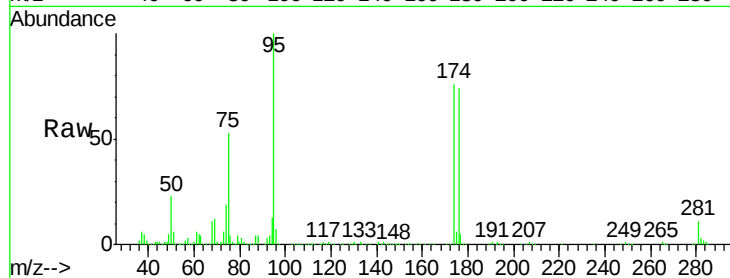




#81
trans-1,4-Dichloro-2-butene
Concen: 144.249 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

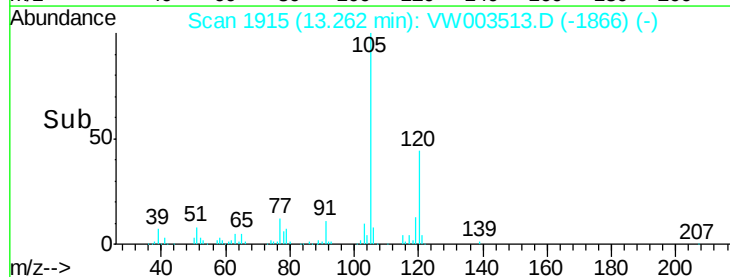
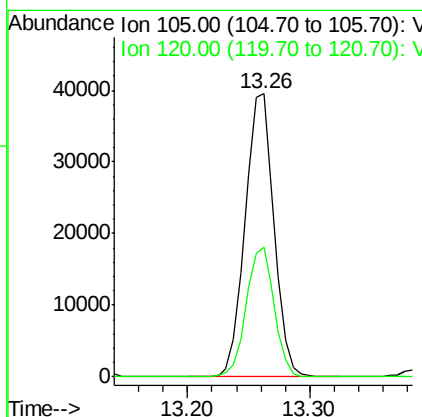
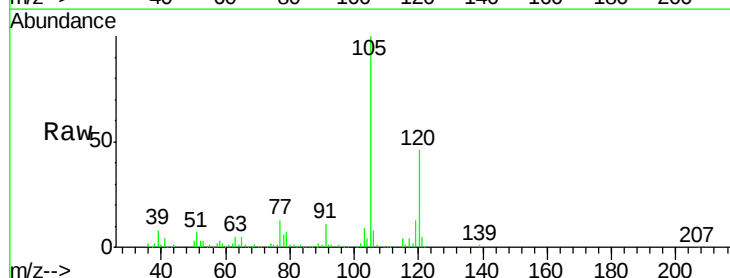
Instrument :
MSVOA_W
ClientSampleId :
WP021SB483-33-35-180620

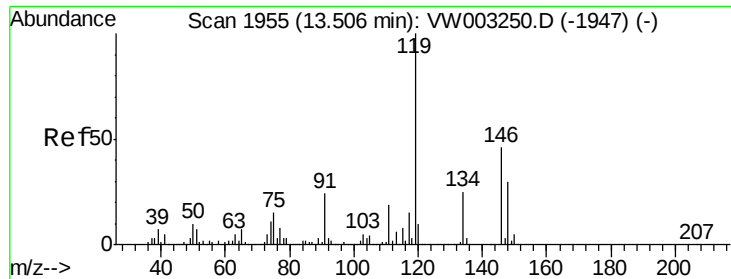
Tgt Ion: 75 Resp: 82154
Ion Ratio Lower Upper
75 100
53 0.3 82.9 124.3#
89 0.2 36.7 55.1#



#84
1,2,4-Trimethylbenzene
Concen: 7.053 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003513.D
Acq: 24 Jun 2018 16:22

Tgt Ion: 105 Resp: 64937
Ion Ratio Lower Upper
105 100
120 44.4 22.5 67.5

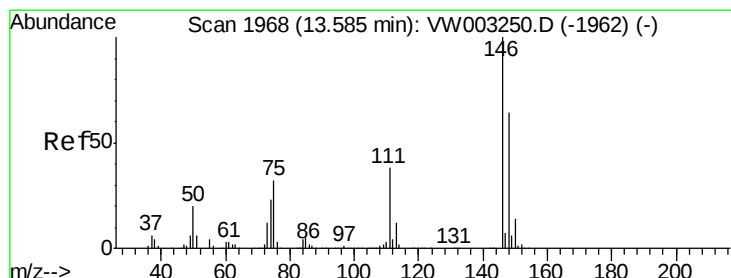
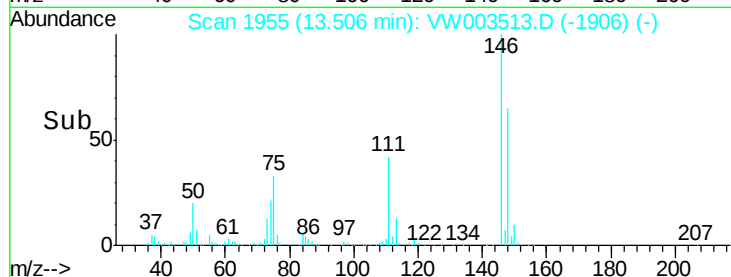
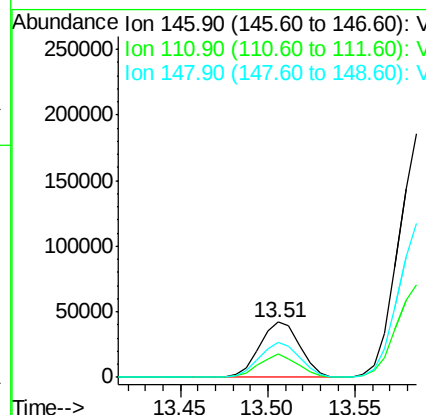
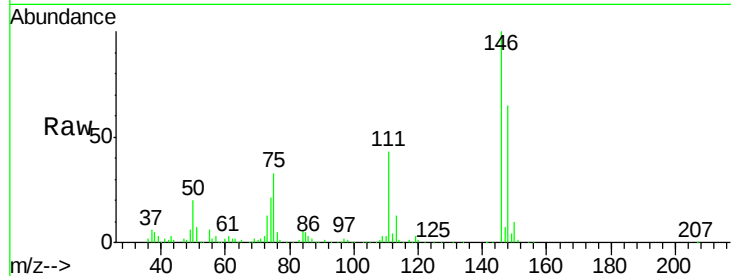




#87
 1,3-Dichlorobenzene
 Concen: 13.368 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003513.D
 Acq: 24 Jun 2018 16:22

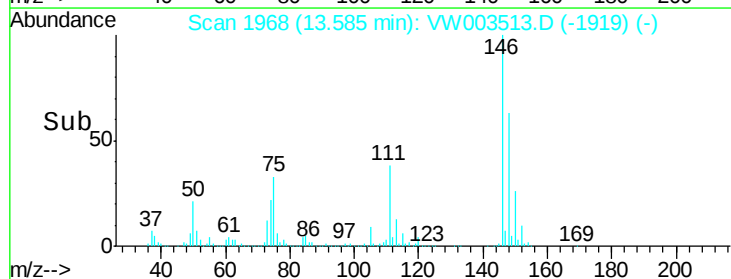
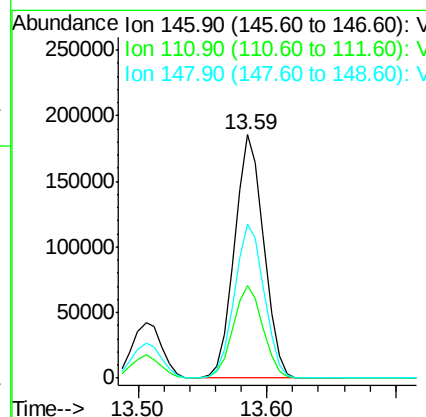
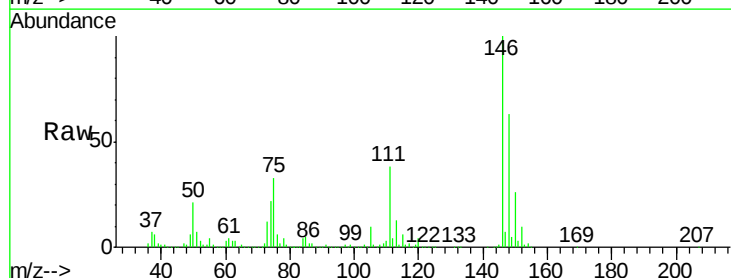
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-33-35-180620

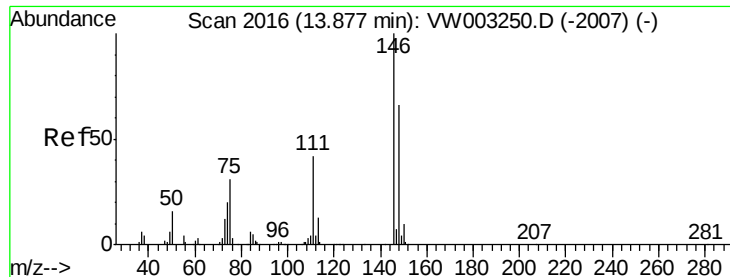
Tgt Ion:146 Resp: 68193
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.8 59.4
 148 63.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 57.910 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003513.D
 Acq: 24 Jun 2018 16:22

Tgt Ion:146 Resp: 293683
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.2 57.6
 148 64.0 31.8 95.4

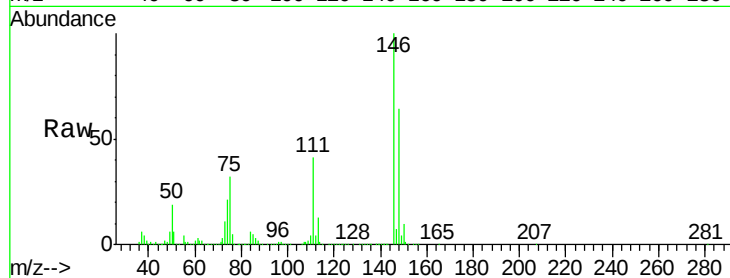




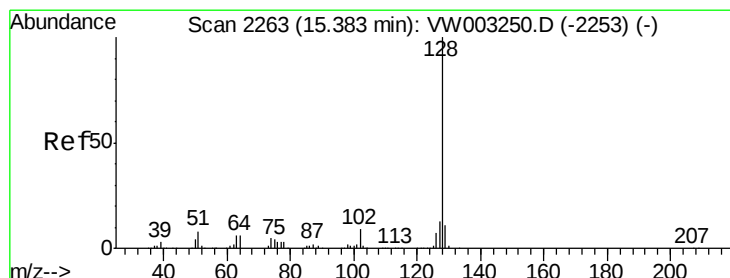
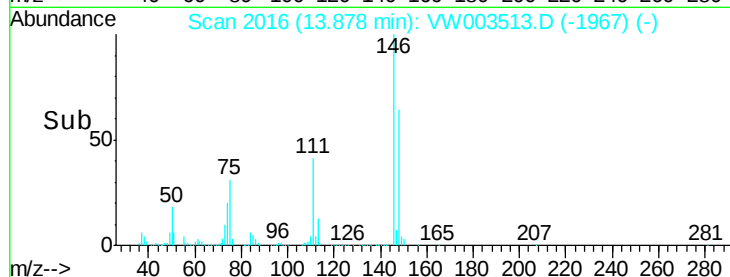
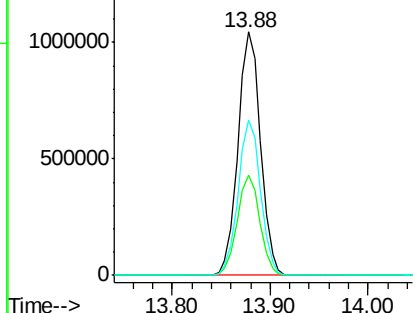
#91
 1,2-Dichlorobenzene
 Concen: 372.934 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003513.D
 Acq: 24 Jun 2018 16:22

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB483-33-35-180620

Tgt Ion:146 Resp: 1666448
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 61.0
 148 63.7 32.3 96.9

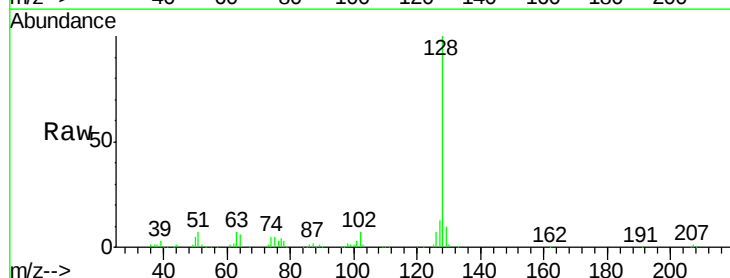


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#95
 Naphthalene
 Concen: 14.912 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: VW003513.D
 Acq: 24 Jun 2018 16:22

Tgt Ion:128 Resp: 79347
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.5 15.7
 129 11.2 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

