

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003470.D
 Acq On : 23 Jun 2018 19:28
 Operator : SY/AP
 Sample : J3664-13
 Misc : 6.07G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-21-23-180619

Quant Time: Jun 25 02:38:46 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	165911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	287327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	222132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	978495	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	85054	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	7.88	113	72831	40.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.58%	
50) Toluene-d8	10.33	98	327308	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.63	95	159995	638.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1277.28%	

Target Compounds					Qvalue
16) Acetone	4.15	43	62364	165.466	ug/l 97
17) Carbon Disulfide	4.37	76	29052	6.543	ug/l 99
18) Methyl Acetate	4.69	43	1553	1.737	ug/l # 82
20) Methylene Chloride	4.92	84	8776	1.954	ug/l 87
25) 2-Butanone	7.19	43	15195	32.422	ug/l 94
29) Tetrahydrofuran	7.54	42	512	1.788	ug/l # 53
30) Chloroform	7.68	83	3375	1.066	ug/l 94
31) Cyclohexane	7.95	56	36306	12.503	ug/l # 87
36) 1,1-Dichloropropene	7.95	75	14223	5.126	ug/l # 53
37) Ethyl Acetate	7.19	43	15195	13.218	ug/l # 69
38) Carbon Tetrachloride	7.95	117	16982	6.239	ug/l # 17
39) Methylcyclohexane	9.34	83	650938	202.741	ug/l 97
40) Benzene	8.33	78	54245	7.092	ug/l 96
43) Isopropyl Acetate	8.43	43	15340	6.720	ug/l # 53
45) 1,2-Dichloropropane	9.34	63	7868	4.040	ug/l # 1
47) Bromodichloromethane	9.62	83	9120	3.568	ug/l # 47
48) Methyl methacrylate	9.52	41	35037	32.662	ug/l # 64
51) 4-Methyl-2-Pentanone	10.32	43	76421	65.705	ug/l # 47
52) Toluene	10.39	92	7461	1.521	ug/l 96
55) 1,1,2-Trichloroethane	10.77	97	234374	166.816	ug/l # 21
56) Ethyl methacrylate	10.67	69	135379	79.349	ug/l # 1
59) 2-Hexanone	10.95	43	1139736	1402.711	ug/l # 32
61) 1,2-Dibromoethane	11.24	107	1465	1.102	ug/l # 1
64) Tetrachloroethene	10.87	164	2238	1.506	ug/l # 80
65) Chlorobenzene	11.66	112	3373334	729.257	ug/l 99
67) Ethyl Benzene	11.74	91	14071	1.716	ug/l # 78
68) m/p-Xylenes	11.85	106	5010	1.607	ug/l # 1
69) o-Xylene	12.17	106	40574	14.046	ug/l # 1
73) Isopropylbenzene	12.48	105	429114	6.305	ug/l 97
74) N-amyl acetate	12.27	43	12221266	788.932	ug/l # 67
75) 1,1,2,2-Tetrachloroethane	12.71	83	1529148	132.807	ug/l # 26
76) 1,2,3-Trichloropropane	12.80	75	17139	2.049	ug/l # 100
77) Bromobenzene	12.73	156	29017	1.831	ug/l # 1
78) n-propylbenzene	12.80	91	515937	6.191	ug/l # 64

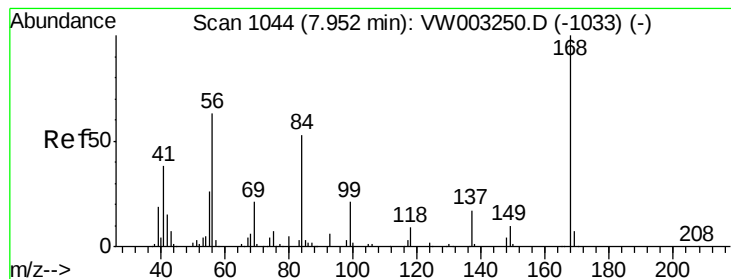
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	12.91	91	576596	12.243	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.12	105	682797	11.952	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.48	75	6833	1.880	ug/l #	1
82) 4-Chlorotoluene	12.96	91	443582	8.879	ug/l #	3
83) tert-Butylbenzene	13.23	119	801780	16.469	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.12	105	682797	11.619	ug/l	76
85) sec-Butylbenzene	13.40	105	12293054	169.877	ug/l #	61
86) p-Isopropyltoluene	13.68	119	5140190	80.535	ug/l	89
87) 1,3-Dichlorobenzene	13.51	146	100911	3.099	ug/l #	1
88) 1,4-Dichlorobenzene	13.60	146	441343	13.634	ug/l #	1
89) n-Butylbenzene	13.85	91	10724907	172.387	ug/l #	85
90) Hexachloroethane	14.12	117	4419947	382.817	ug/l #	10
91) 1,2-Dichlorobenzene	13.89	146	138235	4.847	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.52	75	57247	29.545	ug/l #	4

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

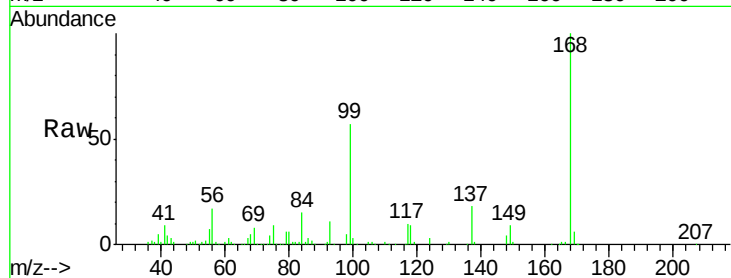
WP021SB485-21-23-180619

Tgt Ion:168 Resp: 165911

Ion Ratio Lower Upper

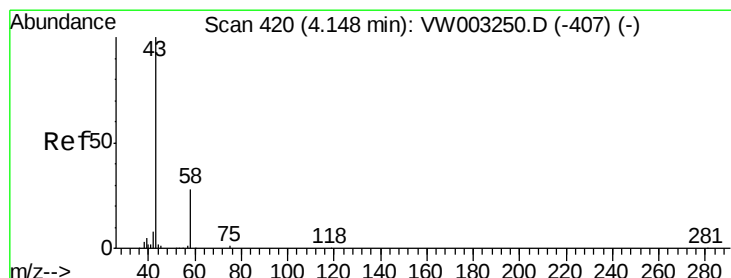
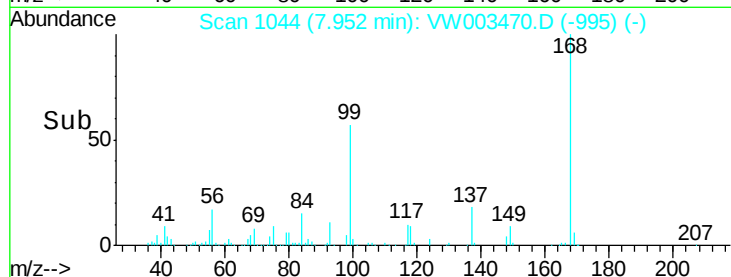
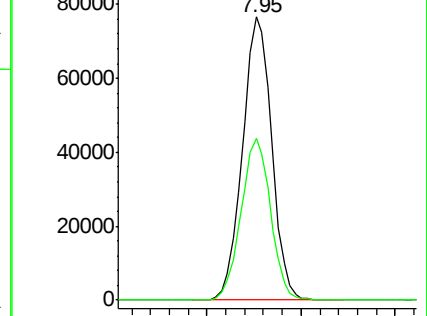
168 100

99 57.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 165.466 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003470.D

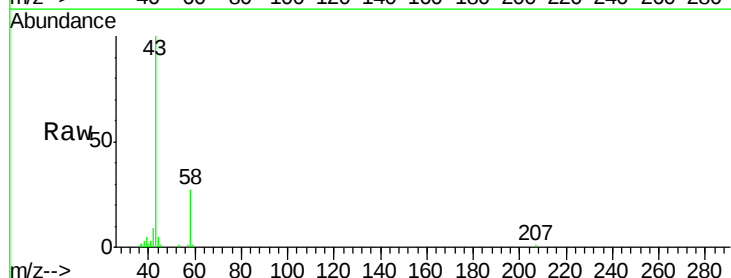
Acq: 23 Jun 2018 19:28

Tgt Ion: 43 Resp: 62364

Ion Ratio Lower Upper

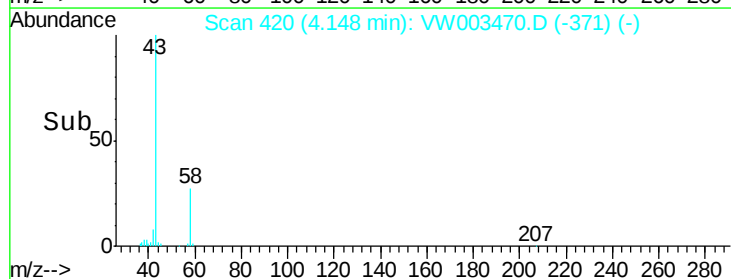
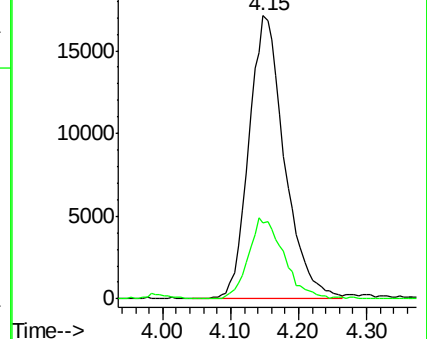
43 100

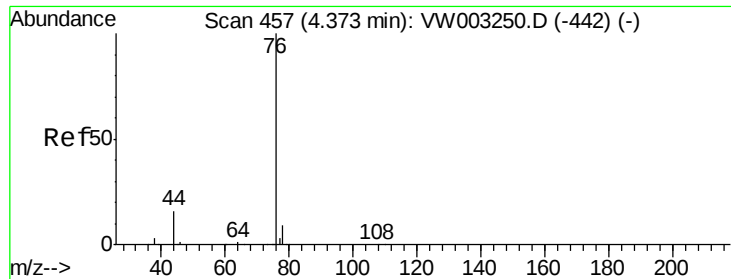
58 26.9 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 6.543 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

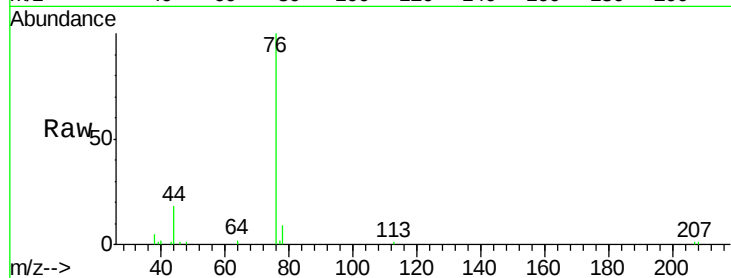
WP021SB485-21-23-180619

Tgt Ion: 76 Resp: 29052

Ion Ratio Lower Upper

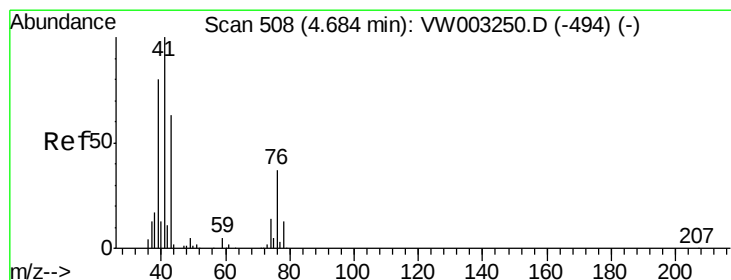
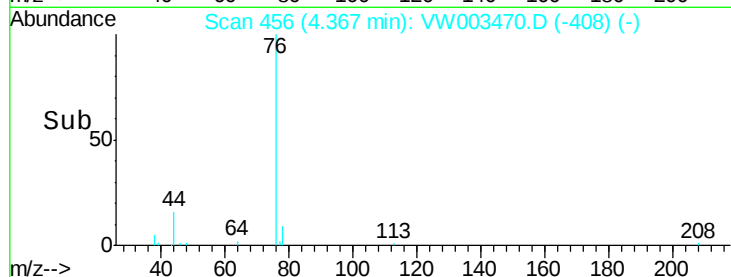
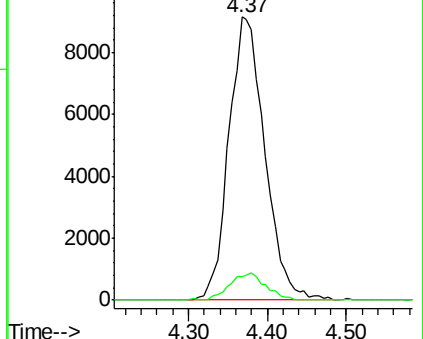
76 100

78 8.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 1.737 ug/l

RT: 4.69 min Scan# 509

Delta R.T. 0.01 min

Lab File: VW003470.D

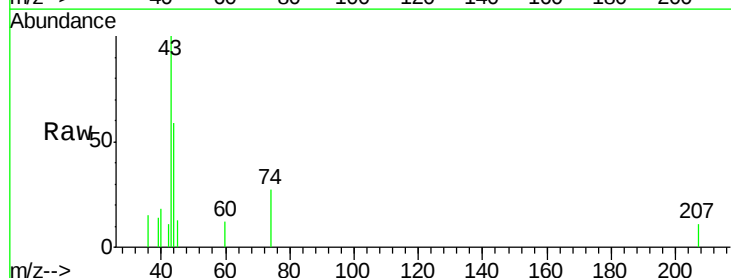
Acq: 23 Jun 2018 19:28

Tgt Ion: 43 Resp: 1553

Ion Ratio Lower Upper

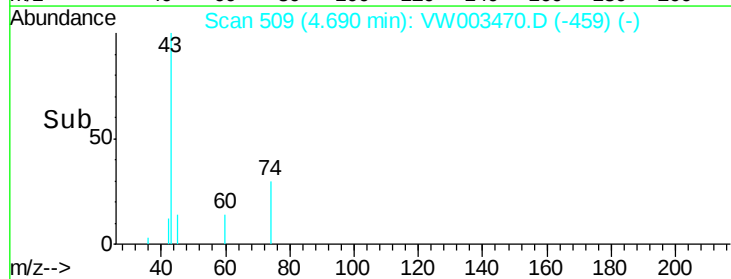
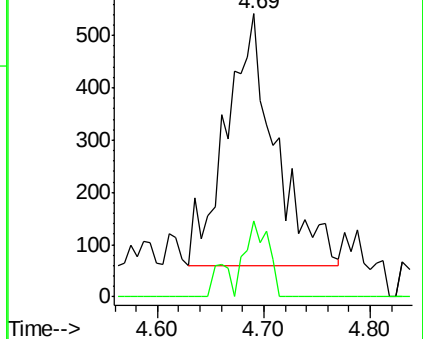
43 100

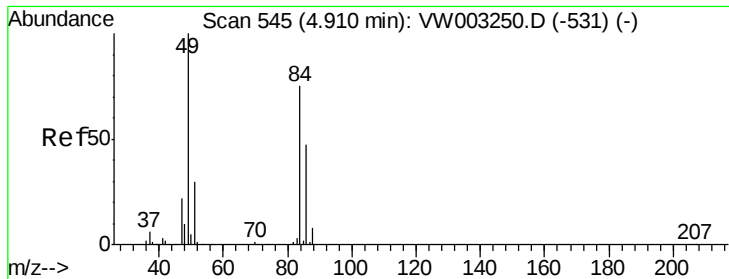
74 14.5 18.7 28.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

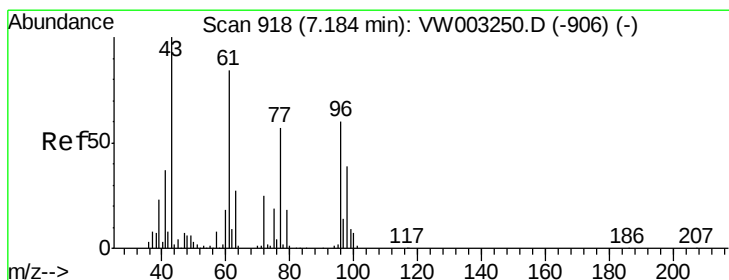
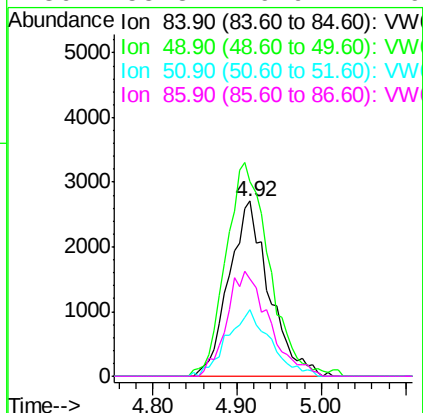
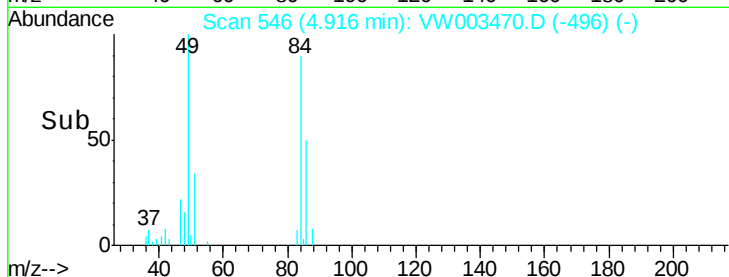
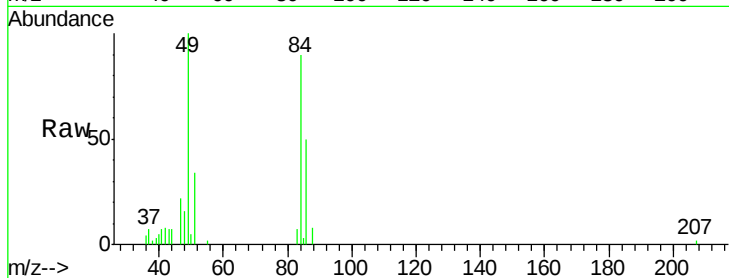




#20
Methylene Chloride
Concen: 1.954 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

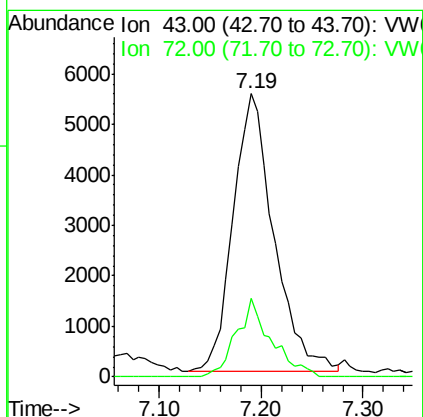
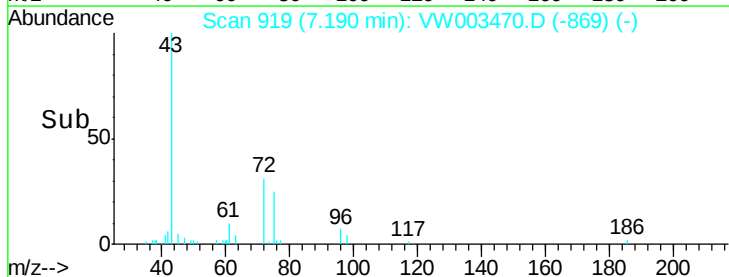
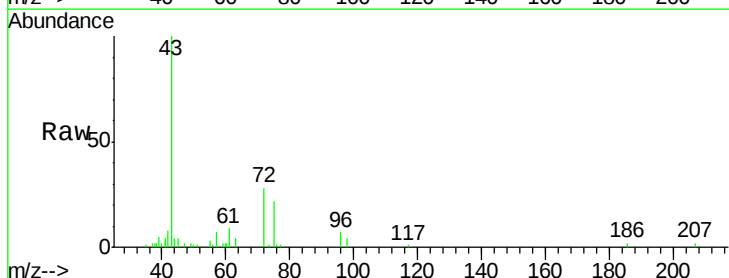
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-21-23-180619

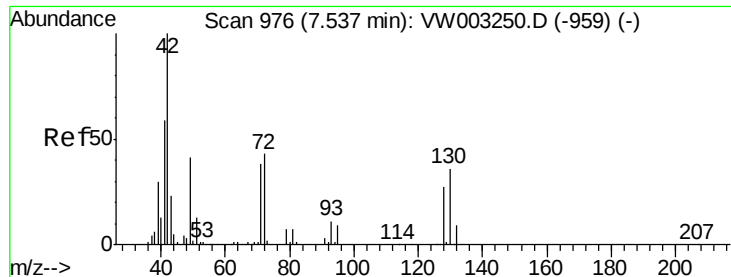
Tgt Ion:	84	Resp:	8776
Ion	Ratio	Lower	Upper
84	100		
49	111.3	106.3	159.5
51	37.9	32.0	48.0
86	55.8	49.9	74.9



#25
2-Butanone
Concen: 32.422 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

Tgt Ion:	43	Resp:	15195
Ion	Ratio	Lower	Upper
43	100		
72	28.5	20.3	30.5

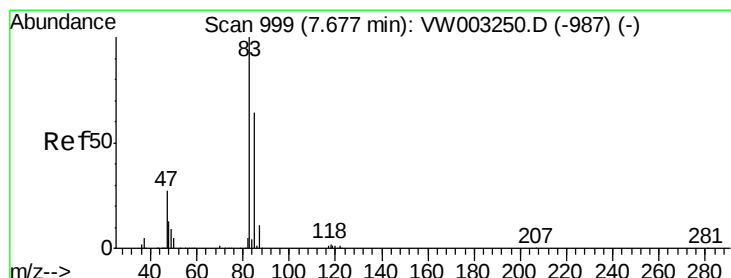
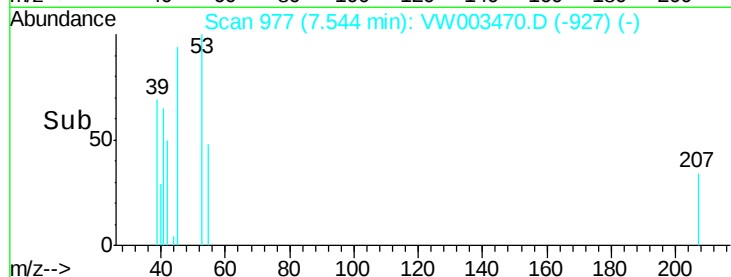
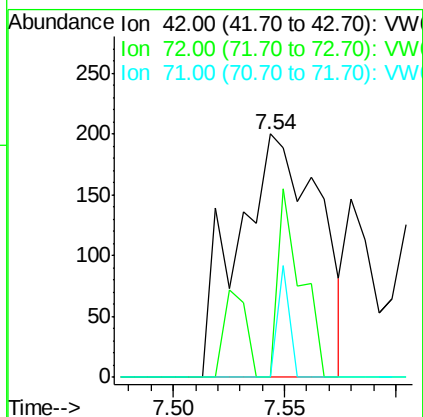
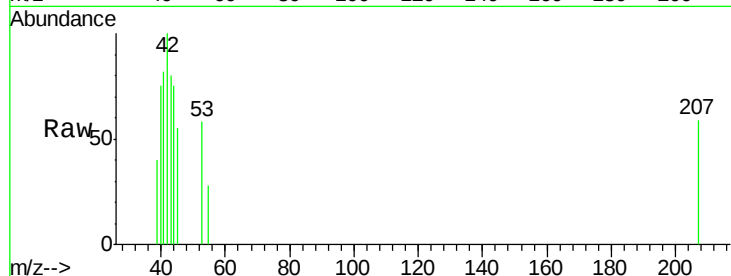




#29
Tetrahydrofuran
Concen: 1.788 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

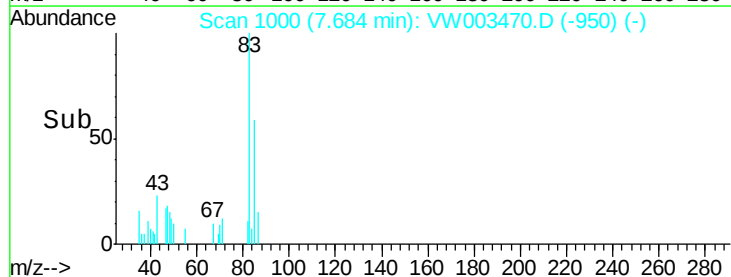
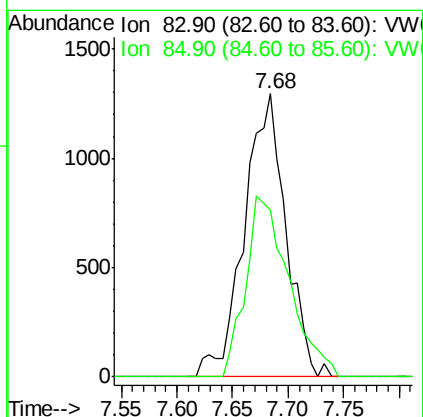
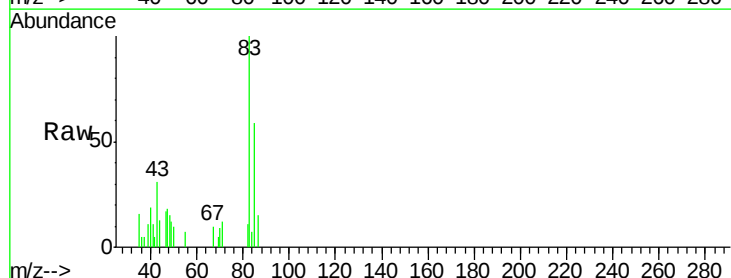
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-21-23-180619

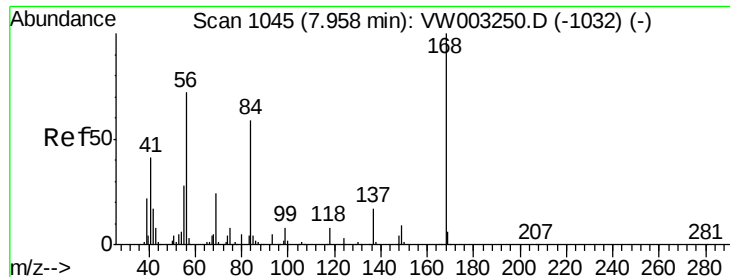
Tgt Ion: 42 Resp: 512
Ion Ratio Lower Upper
42 100
72 21.9 32.4 48.6#
71 0.0 31.2 46.8#



#30
Chloroform
Concen: 1.066 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

Tgt Ion: 83 Resp: 3375
Ion Ratio Lower Upper
83 100
85 59.1 51.3 76.9





#31

Cyclohexane

Concen: 12.503 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-21-23-180619

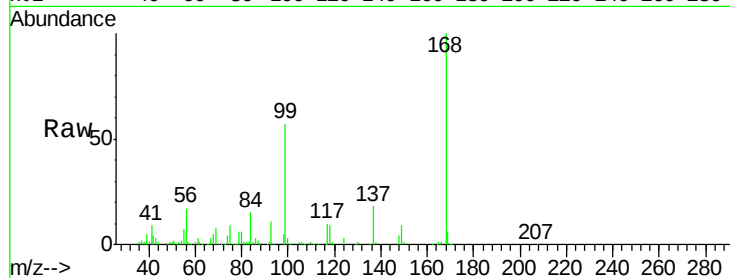
Tgt Ion: 56 Resp: 36306

Ion Ratio Lower Upper

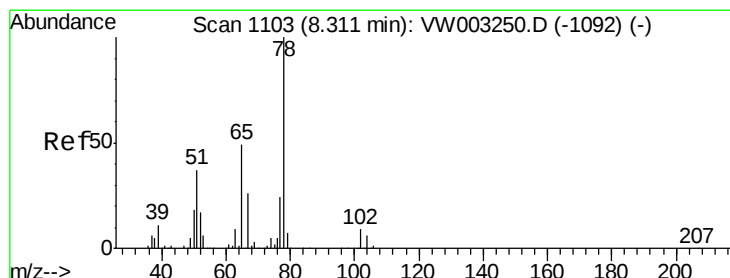
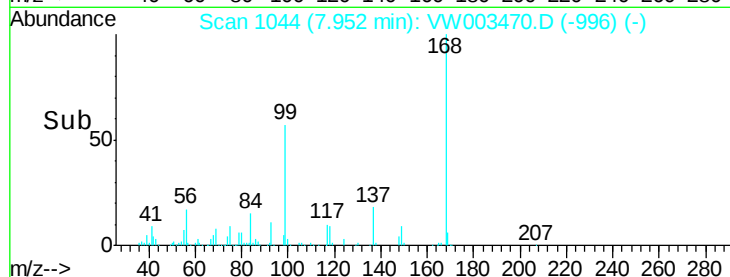
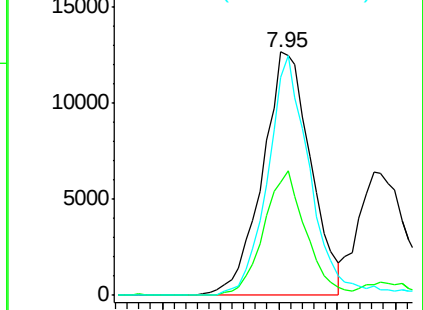
56 100

69 46.4 26.3 39.5#

84 89.7 65.7 98.5



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



#33

1,2-Dichloroethane-d4

Concen: 47.329 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003470.D

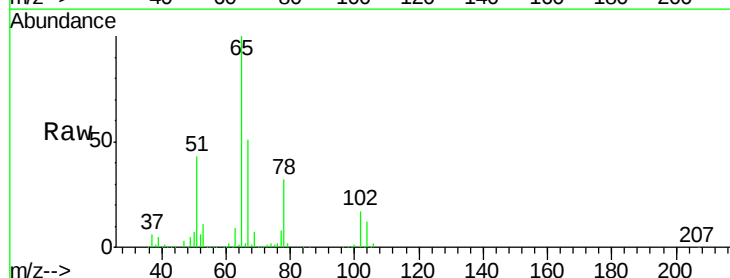
Acq: 23 Jun 2018 19:28

Tgt Ion: 65 Resp: 85054

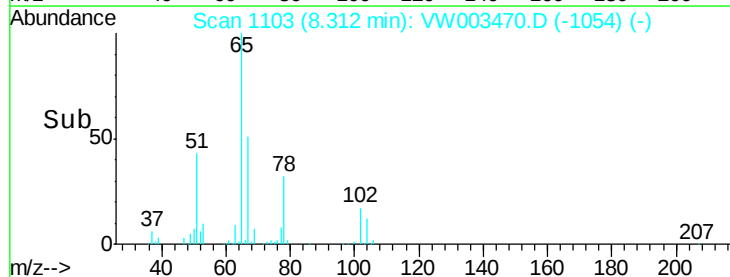
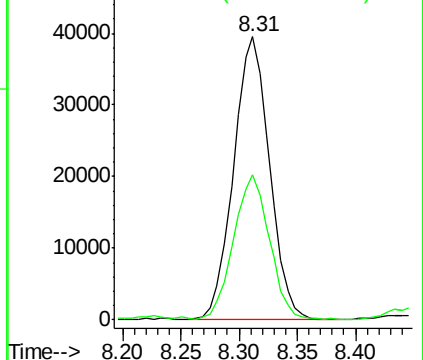
Ion Ratio Lower Upper

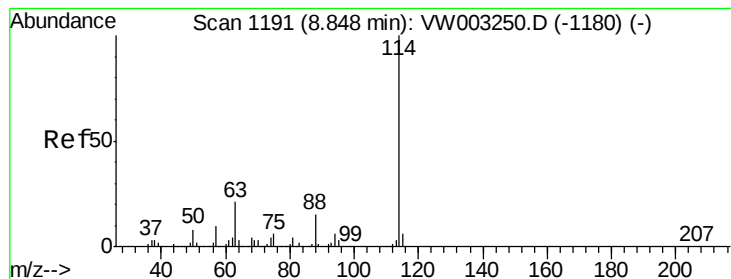
65 100

67 51.5 0.0 104.2



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-21-23-180619

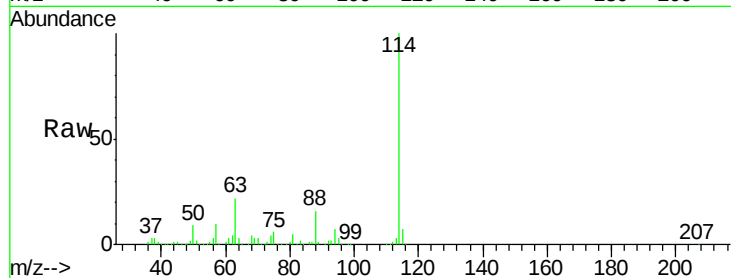
Tgt Ion:114 Resp: 287327

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.0

88 15.8 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

200000

150000

100000

50000

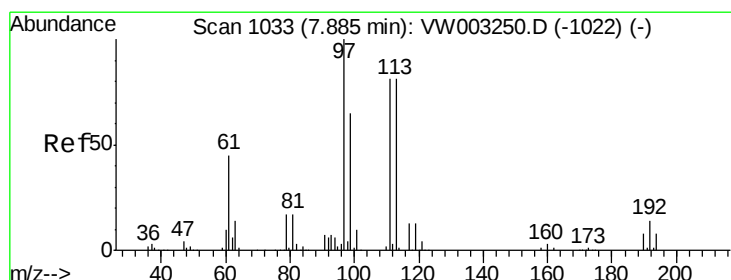
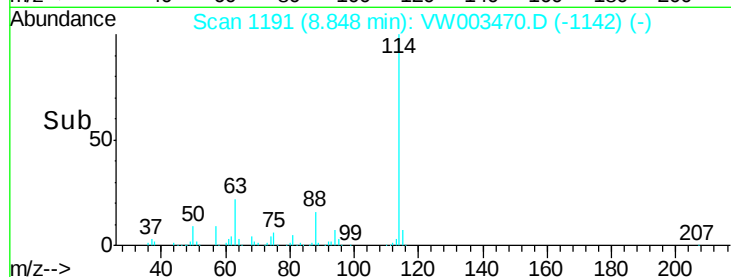
0

8.80

8.85

8.90

Time-->



#35

Dibromofluoromethane

Concen: 40.793 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

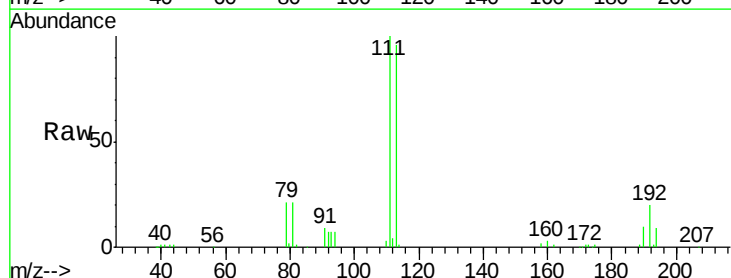
Tgt Ion:113 Resp: 72831

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 20.3 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

40000

30000

20000

10000

0

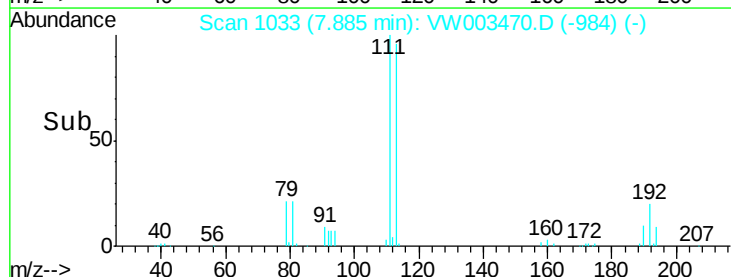
7.80

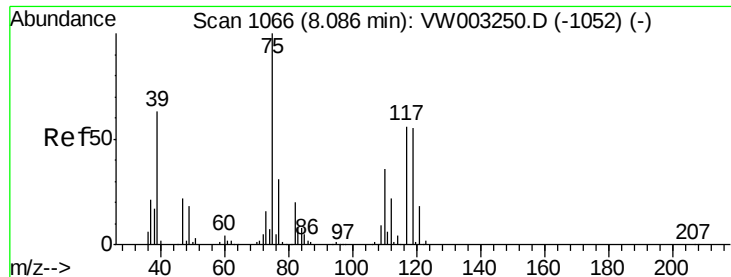
7.88

7.90

8.00

Time-->

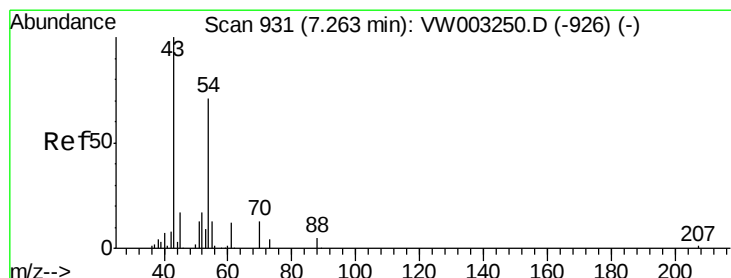
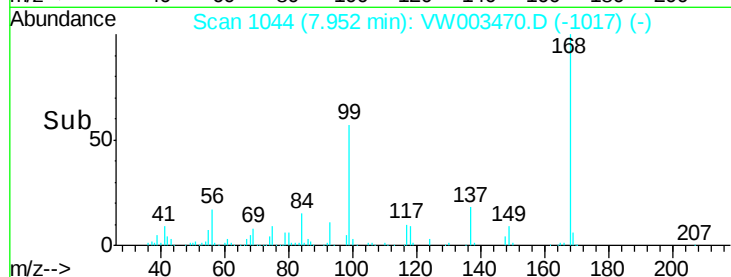
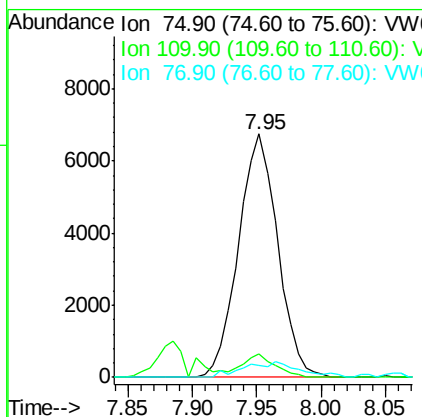
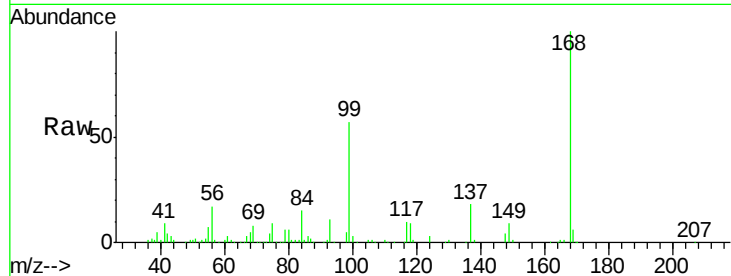




#36
 1,1-Dichloropropene
 Concen: 5.126 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003470.D
 Acq: 23 Jun 2018 19:28

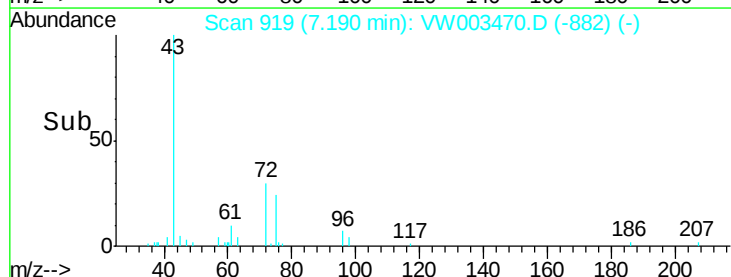
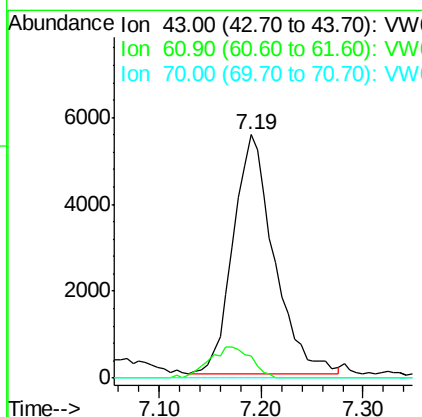
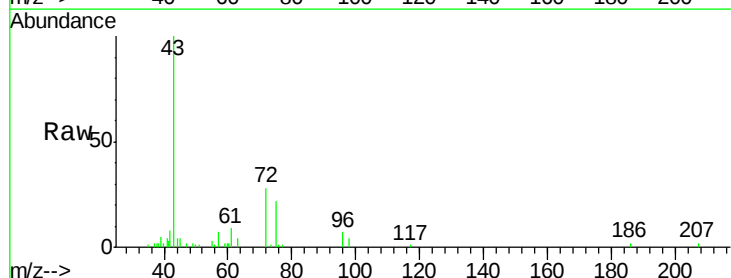
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-21-23-180619

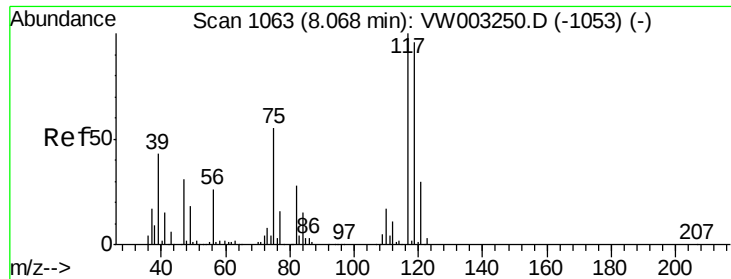
Tgt Ion: 75 Resp: 14223
 Ion Ratio Lower Upper
 75 100
 110 7.6 17.1 51.3#
 77 4.5 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 13.218 ug/l
 RT: 7.19 min Scan# 919
 Delta R.T. -0.07 min
 Lab File: VW003470.D
 Acq: 23 Jun 2018 19:28

Tgt Ion: 43 Resp: 15195
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.8 16.2#
 70 0.0 7.8 11.6#

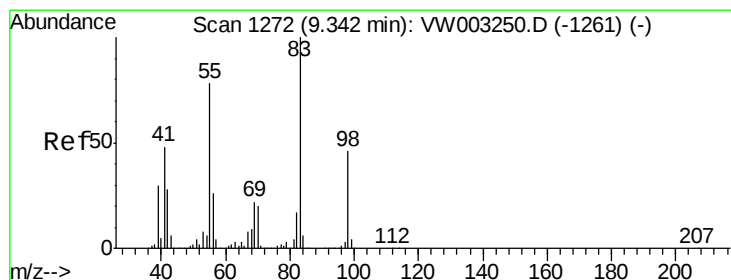
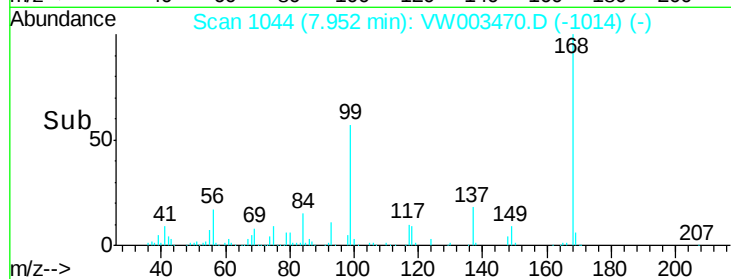
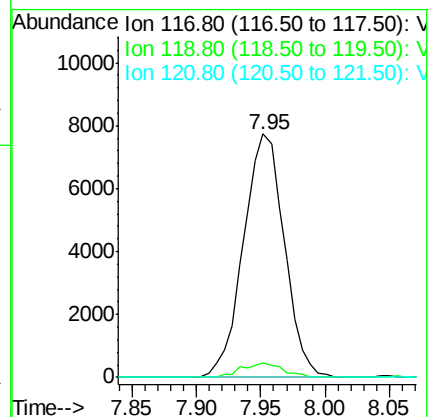
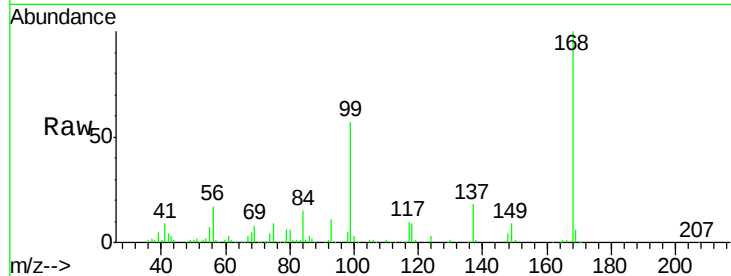




#38
Carbon Tetrachloride
Concen: 6.239 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

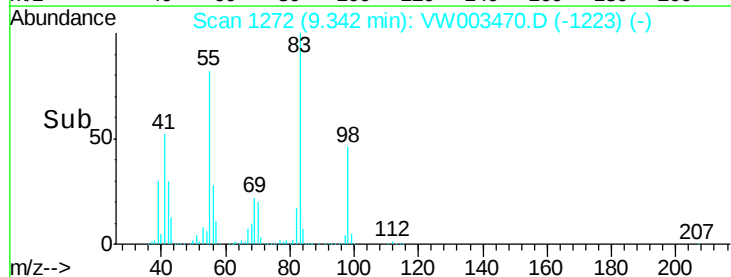
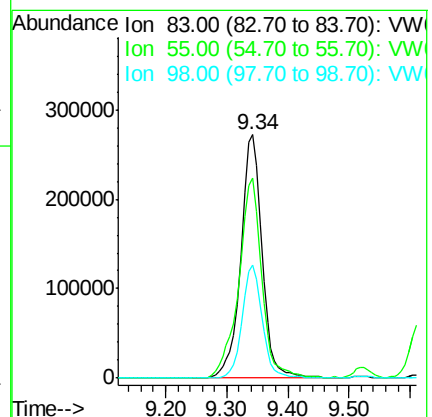
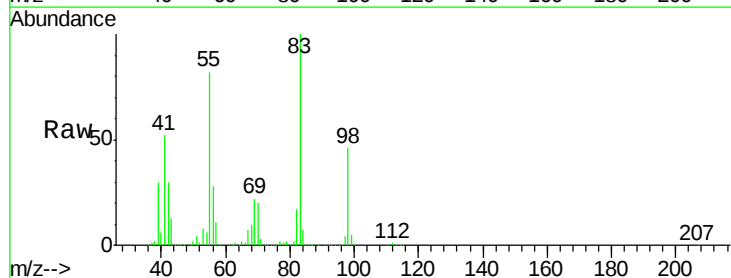
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-21-23-180619

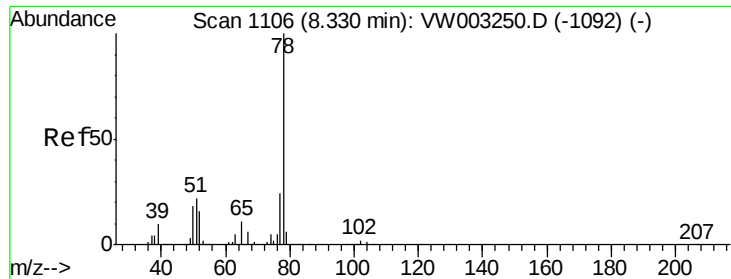
Tgt Ion:117 Resp: 16982
Ion Ratio Lower Upper
117 100
119 6.0 76.6 115.0#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 202.741 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

Tgt Ion: 83 Resp: 650938
Ion Ratio Lower Upper
83 100
55 82.2 62.6 93.8
98 46.2 37.0 55.4





#40

Benzene

Concen: 7.092 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

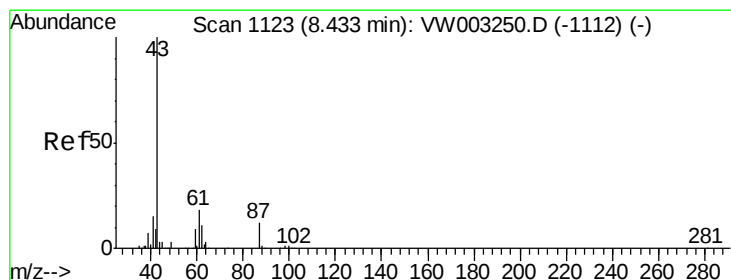
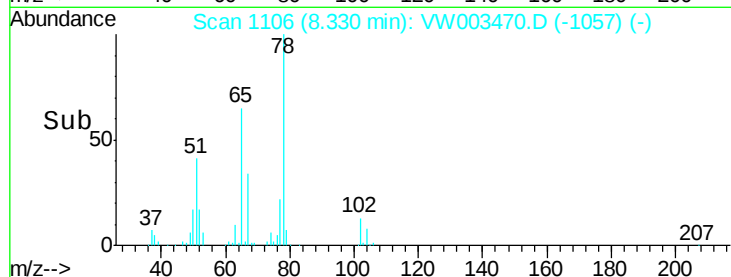
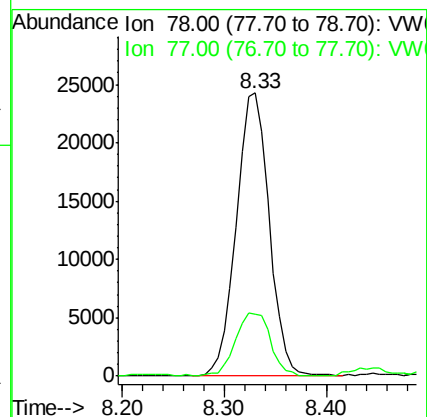
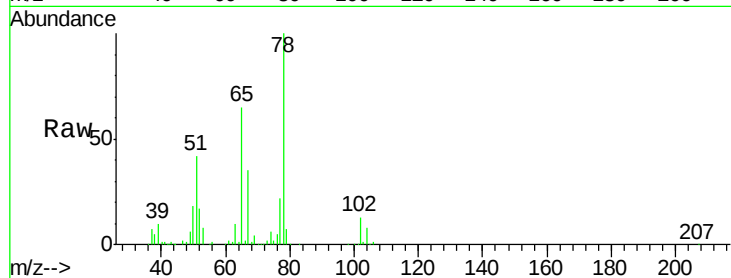
WP021SB485-21-23-180619

Tgt Ion: 78 Resp: 54245

Ion Ratio Lower Upper

78 100

77 21.7 19.0 28.6



#43

Isopropyl Acetate

Concen: 6.720 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

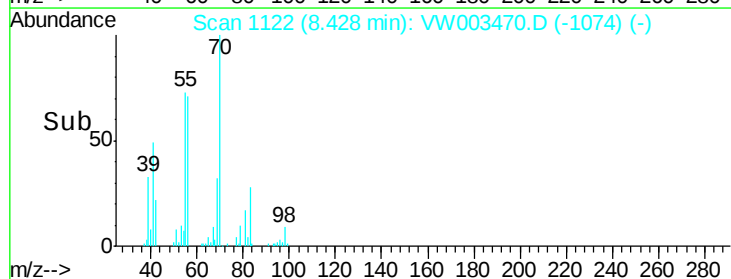
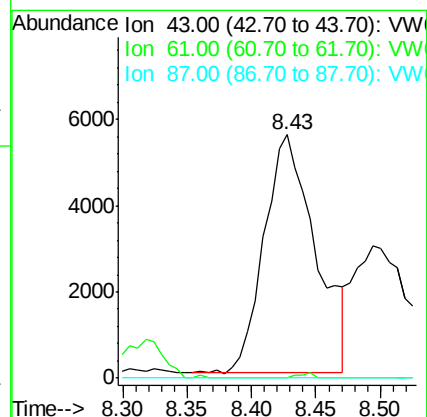
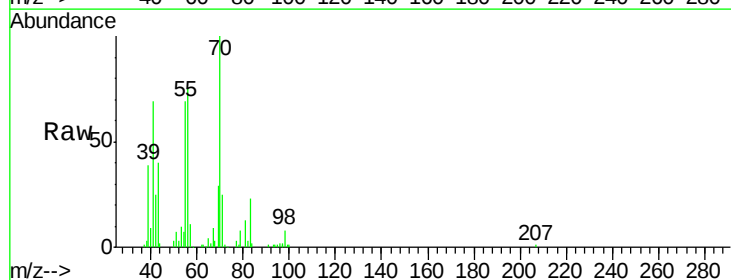
Tgt Ion: 43 Resp: 15340

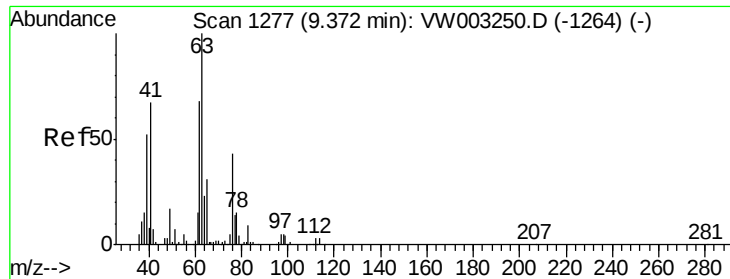
Ion Ratio Lower Upper

43 100

61 0.6 23.1 34.7#

87 0.0 9.8 14.6#





#45

1,2-Dichloropropane

Concen: 4.040 ug/l

RT: 9.34 min Scan# 1271

Delta R.T. -0.04 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

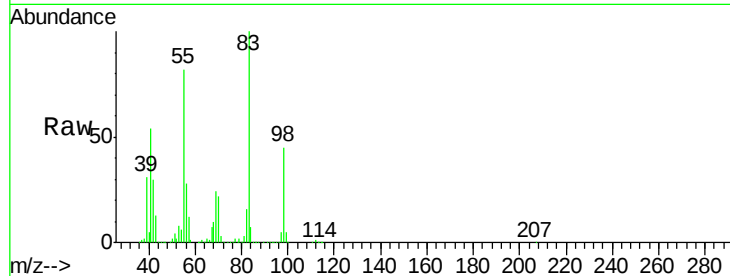
WP021SB485-21-23-180619

Tgt Ion: 63 Resp: 7868

Ion Ratio Lower Upper

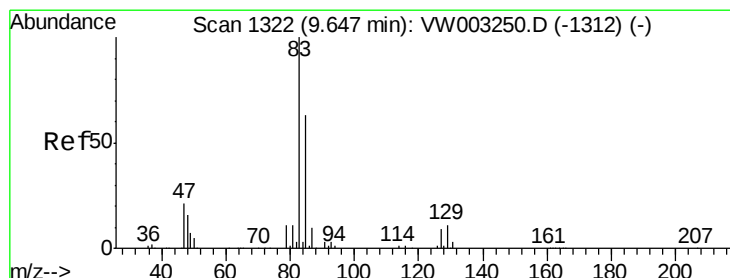
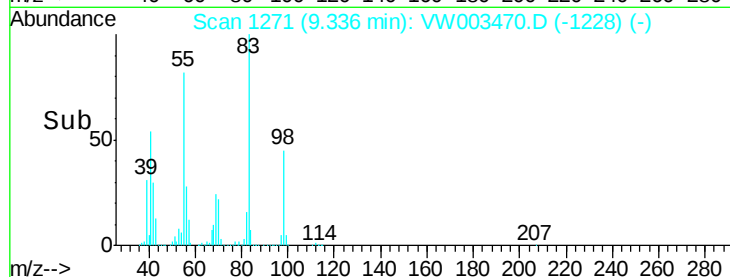
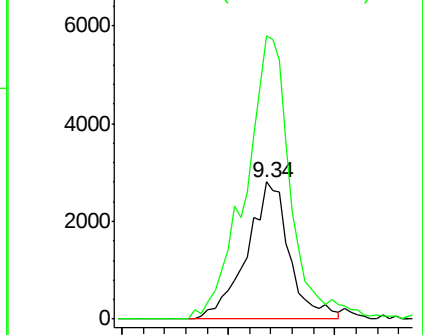
63 100

65 206.3 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#47

Bromodichloromethane

Concen: 3.568 ug/l

RT: 9.62 min Scan# 1318

Delta R.T. -0.02 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

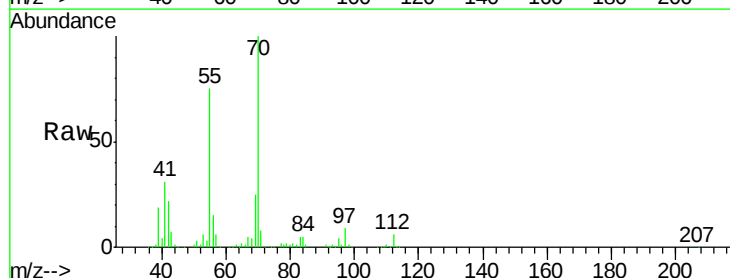
Tgt Ion: 83 Resp: 9120

Ion Ratio Lower Upper

83 100

85 18.8 50.6 75.8#

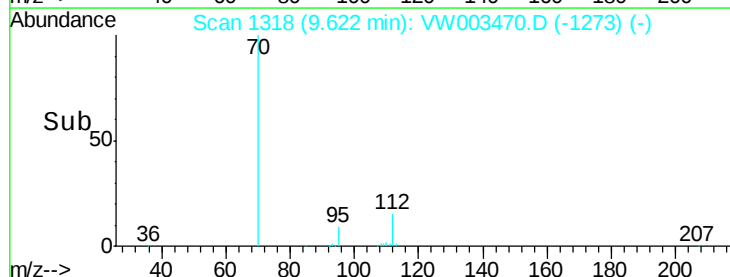
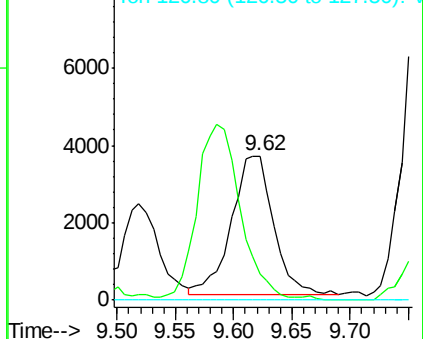
127 0.0 6.8 10.2#

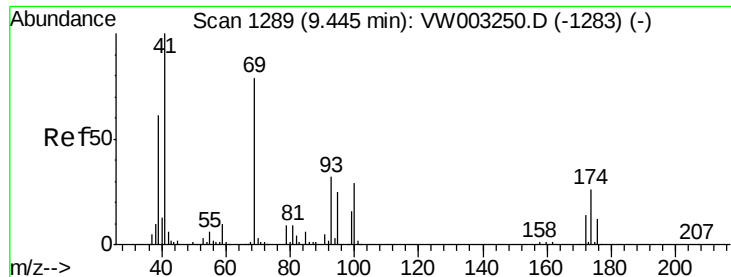


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

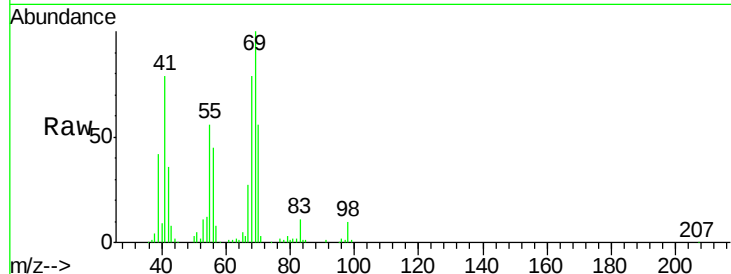




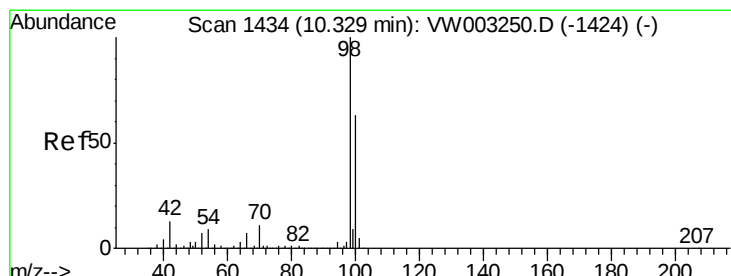
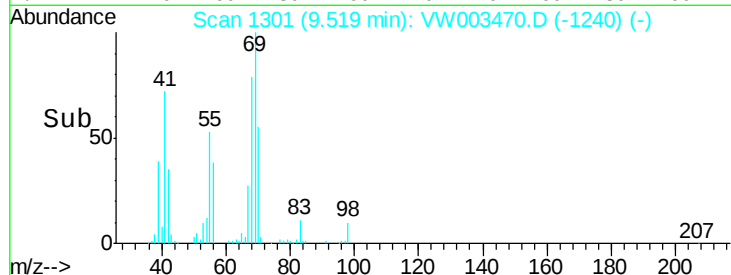
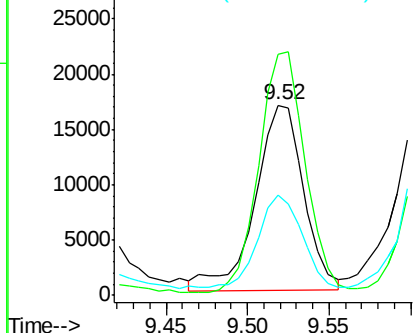
#48
Methyl methacrylate
Concen: 32.662 ug/l
RT: 9.52 min Scan# 1301
Delta R.T. 0.07 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-21-23-180619

Tgt Ion: 41 Resp: 35037
Ion Ratio Lower Upper
41 100
69 123.7 65.4 98.2#
39 48.7 54.2 81.2#

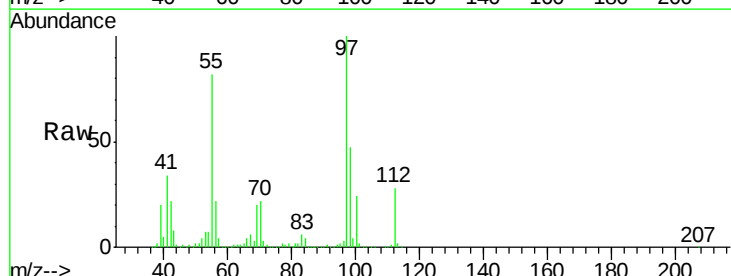


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

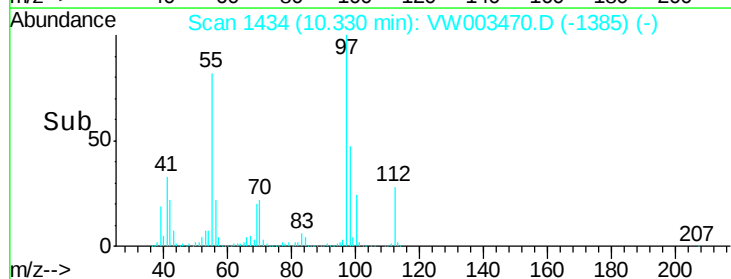
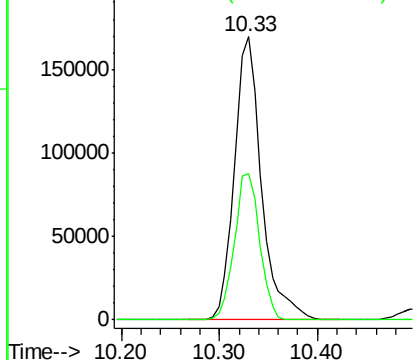


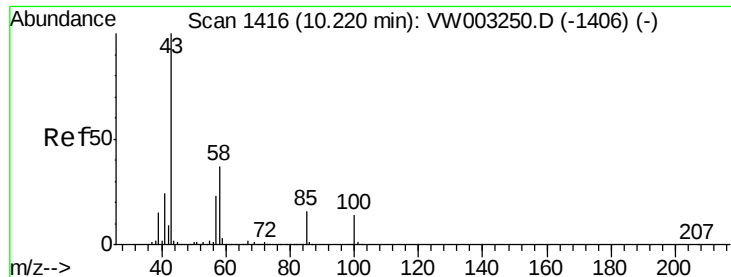
#50
Toluene-d8
Concen: 46.234 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

Tgt Ion: 98 Resp: 327308
Ion Ratio Lower Upper
98 100
100 47.9 50.8 76.2#



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

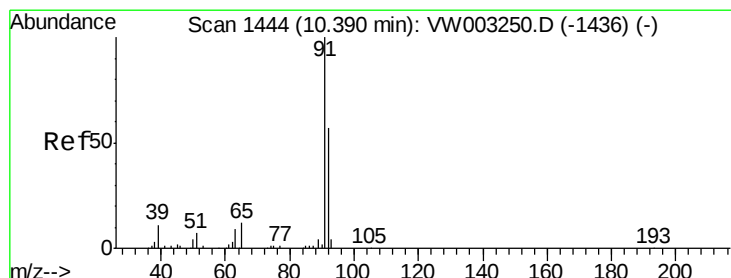
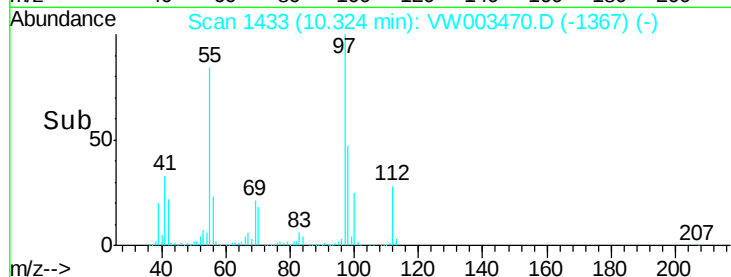
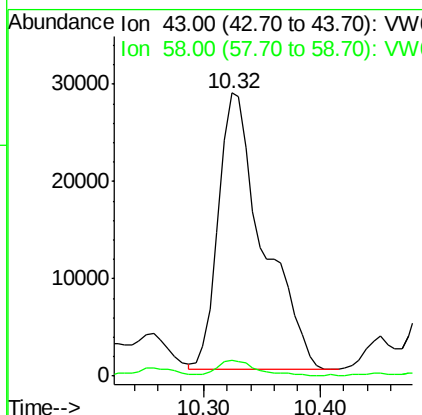
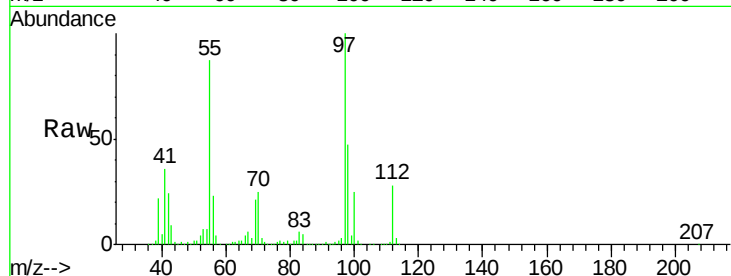




#51
 4-Methyl-2-Pentanone
 Concen: 65.705 ug/l
 RT: 10.32 min Scan# 1433
 Delta R.T. 0.10 min
 Lab File: VW003470.D
 Acq: 23 Jun 2018 19:28

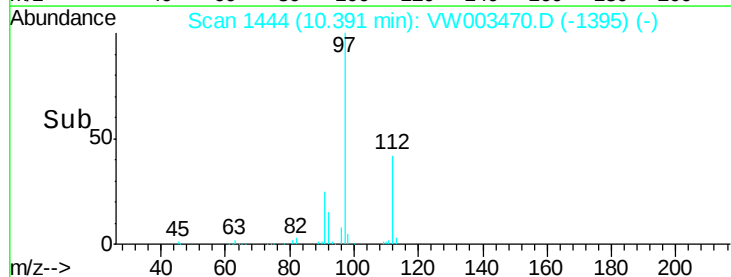
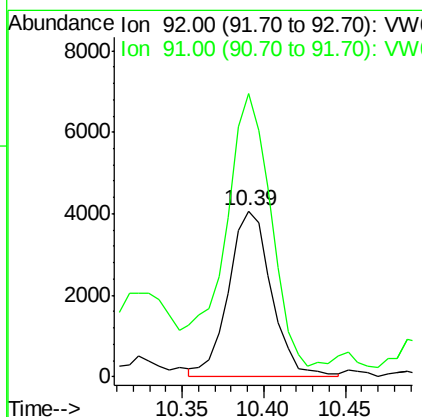
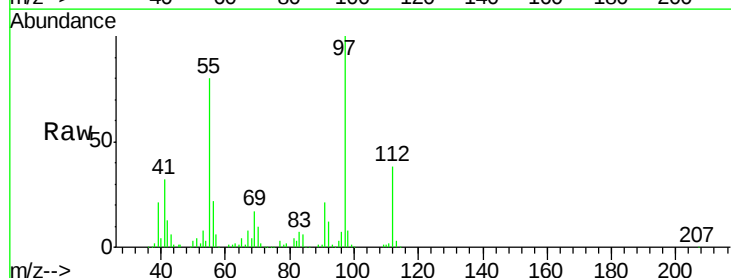
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-21-23-180619

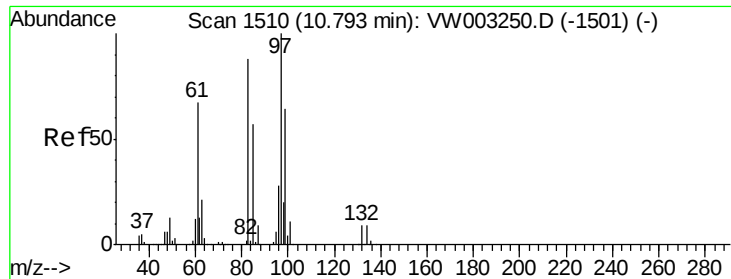
Tgt Ion: 43 Resp: 76421
 Ion Ratio Lower Upper
 43 100
 58 5.2 29.0 43.4#



#52
 Toluene
 Concen: 1.521 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003470.D
 Acq: 23 Jun 2018 19:28

Tgt Ion: 92 Resp: 7461
 Ion Ratio Lower Upper
 92 100
 91 171.1 141.1 211.7





#55

1,1,2-Trichloroethane

Concen: 166.816 ug/l

RT: 10.77 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-21-23-180619

Tgt Ion: 97 Resp: 234374

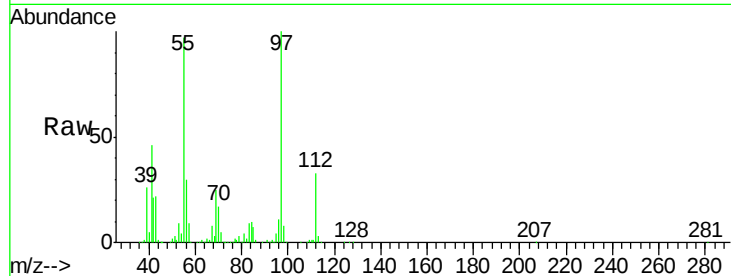
Ion Ratio Lower Upper

97 100

83 8.4 70.2 105.2#

85 7.5 45.6 68.4#

99 0.3 51.2 76.8#

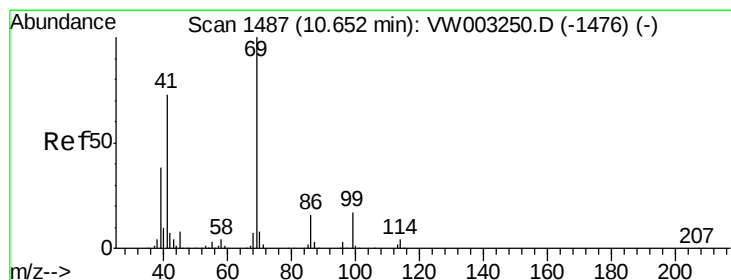
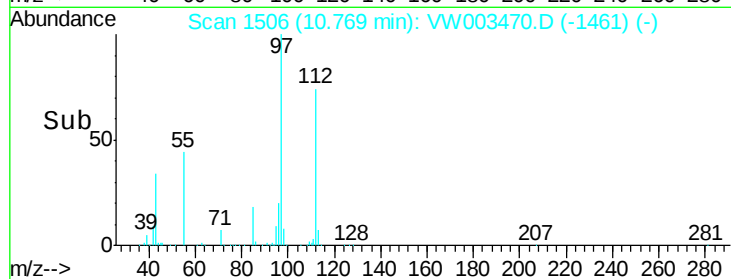
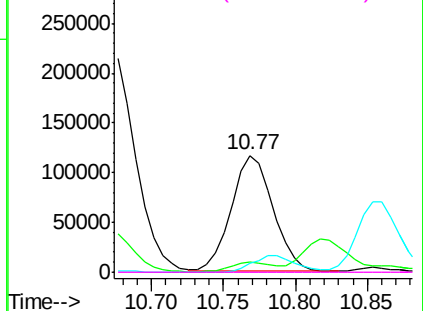


Abundance Ion 96.90 (96.60 to 97.60): VW

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



#56

Ethyl methacrylate

Concen: 79.349 ug/l

RT: 10.67 min Scan# 1490

Delta R.T. 0.02 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

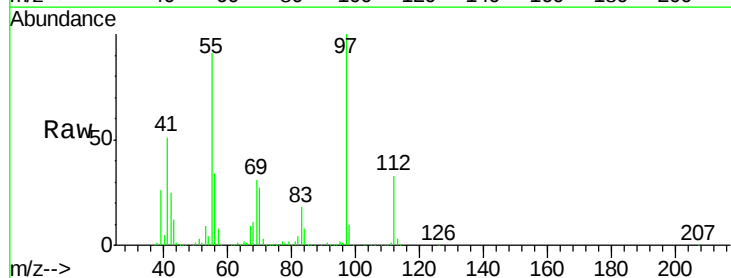
Tgt Ion: 69 Resp: 135379

Ion Ratio Lower Upper

69 100

41 213.7 57.8 86.6#

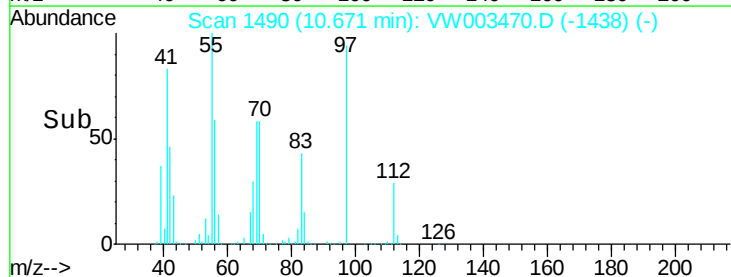
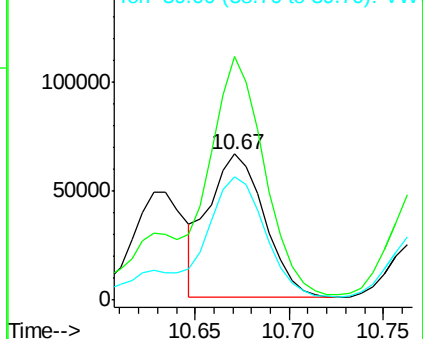
39 107.8 32.7 49.1#

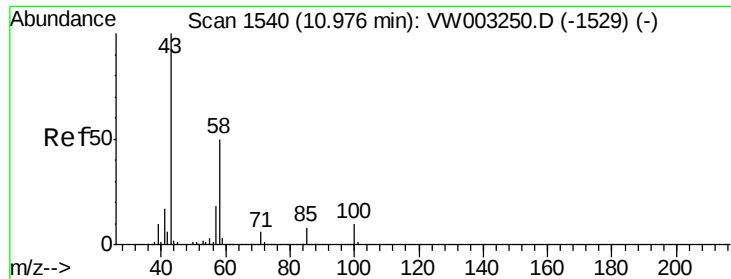


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

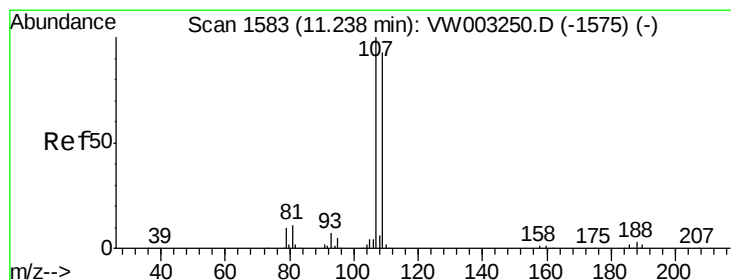
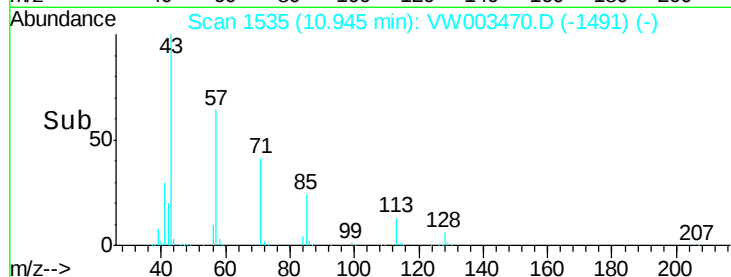
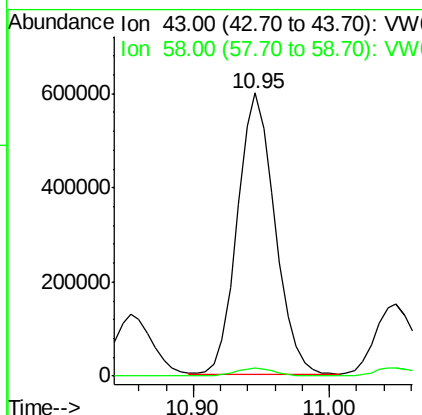
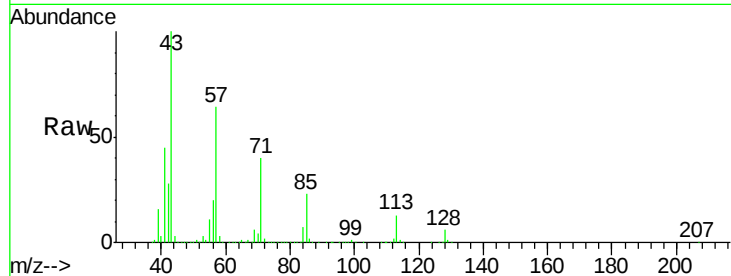




#59
2-Hexanone
Concen: 1402.711 ug/l
RT: 10.95 min Scan# 1535
Delta R.T. -0.03 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

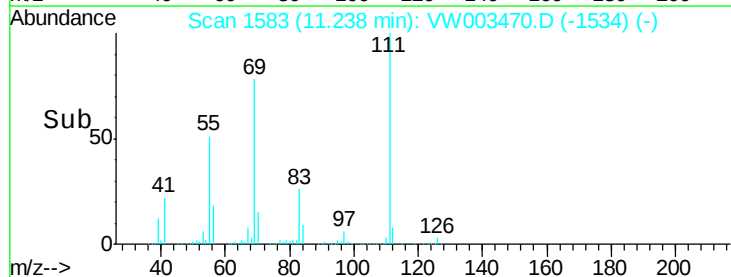
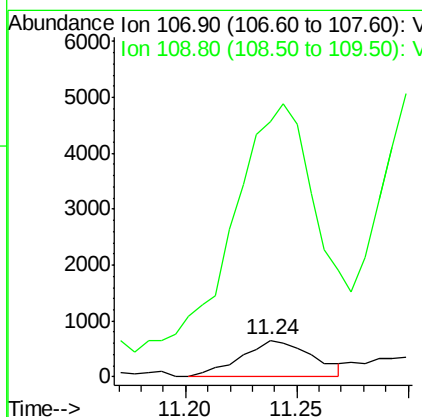
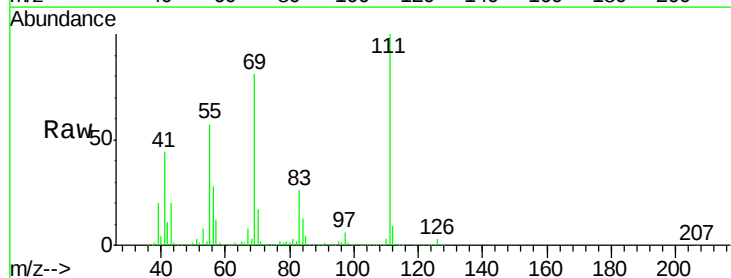
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-21-23-180619

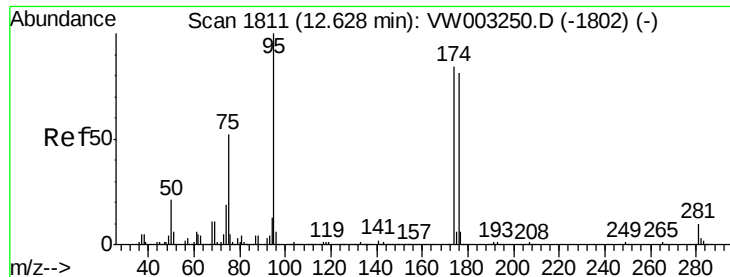
Tgt Ion: 43 Resp: 1139736
Ion Ratio Lower Upper
43 100
58 3.0 25.0 75.0#



#61
1,2-Dibromoethane
Concen: 1.102 ug/l
RT: 11.24 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

Tgt Ion: 107 Resp: 1465
Ion Ratio Lower Upper
107 100
109 886.0 75.8 113.6#





#62

4-Bromofluorobenzene

Concen: 638.638 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-21-23-180619

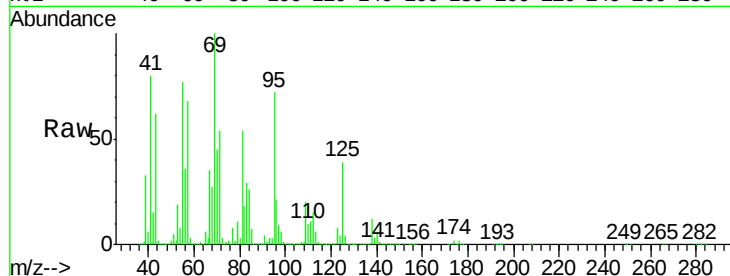
Tgt Ion: 95 Resp: 1599995

Ion Ratio Lower Upper

95 100

174 3.3 0.0 166.4

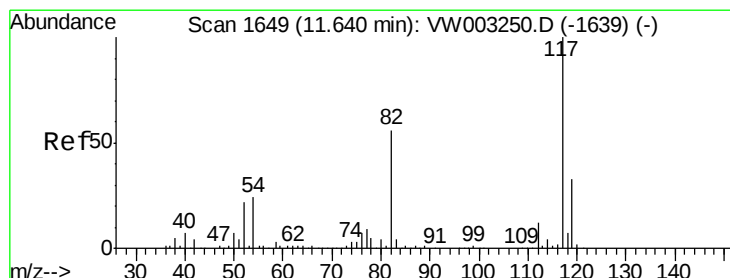
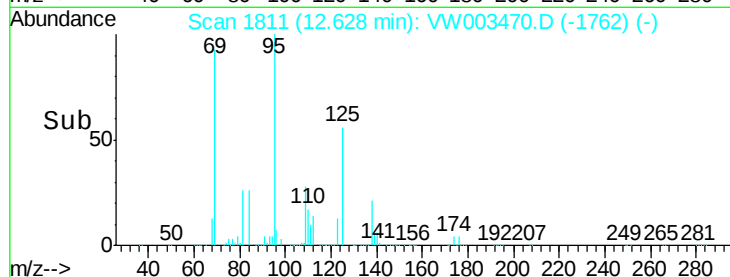
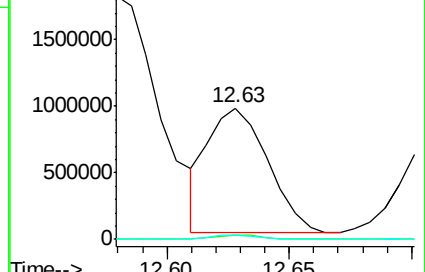
176 3.2 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

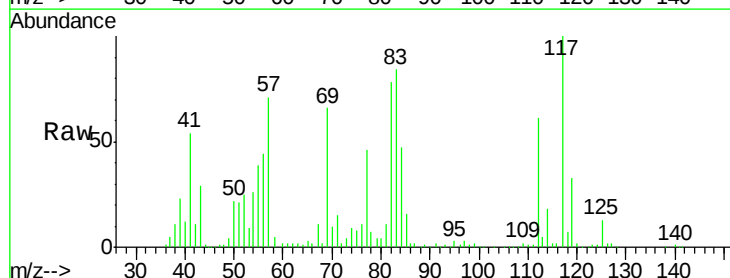
Tgt Ion: 117 Resp: 222132

Ion Ratio Lower Upper

117 100

82 51.2 44.6 67.0

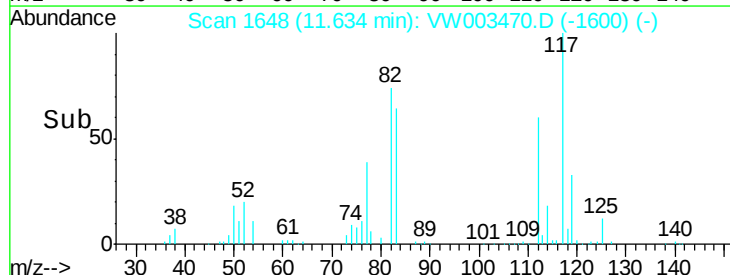
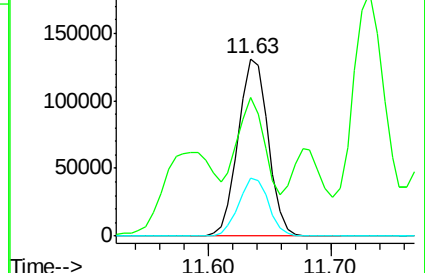
119 32.6 26.7 40.1

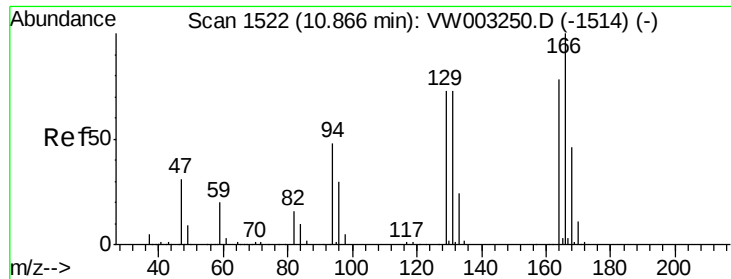


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

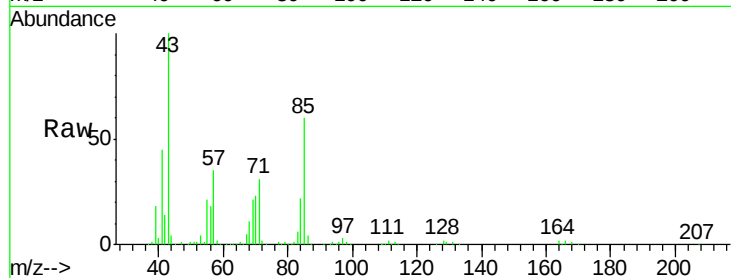




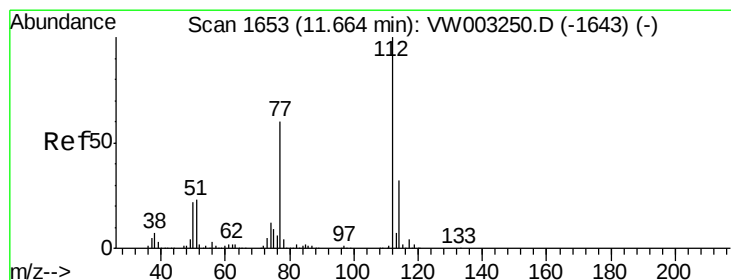
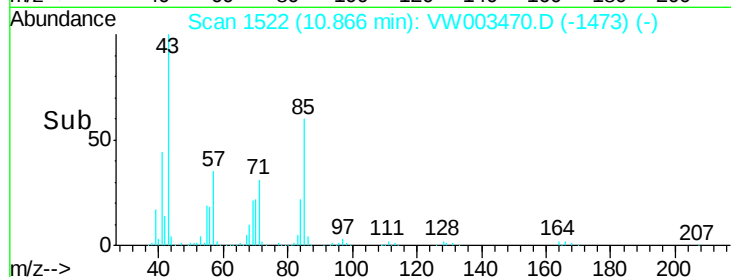
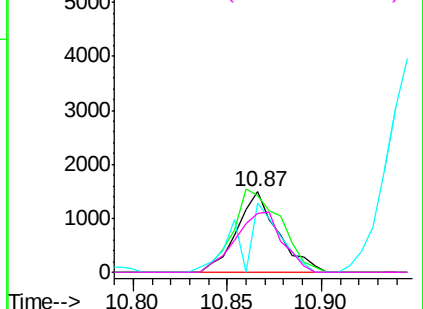
#64
Tetrachloroethene
Concen: 1.506 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-21-23-180619

Tgt Ion:164 Resp: 2238
Ion Ratio Lower Upper
164 100
166 96.0 102.6 154.0#
129 85.4 75.2 112.8
131 72.5 75.0 112.4#

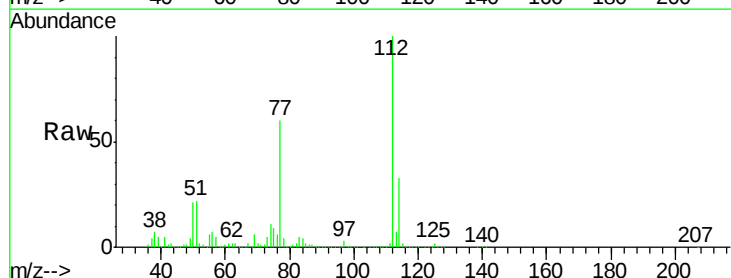


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

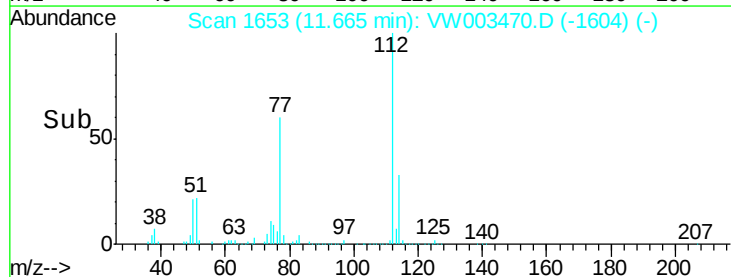
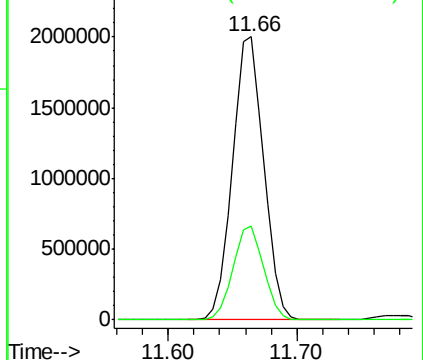


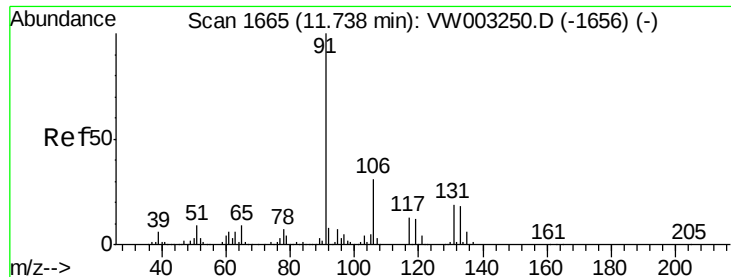
#65
Chlorobenzene
Concen: 729.257 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

Tgt Ion:112 Resp: 3373334
Ion Ratio Lower Upper
112 100
114 33.1 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

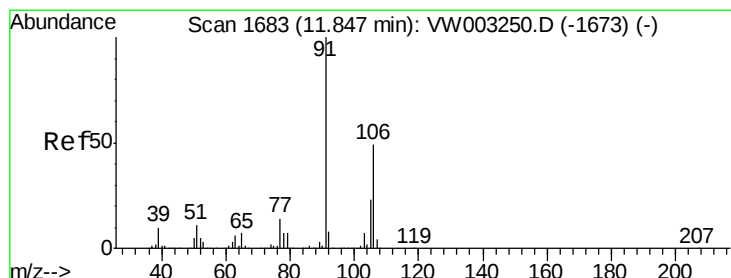
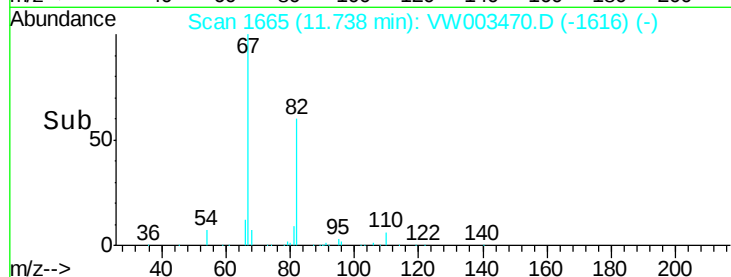
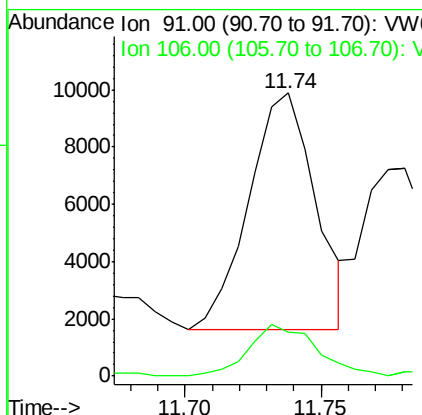
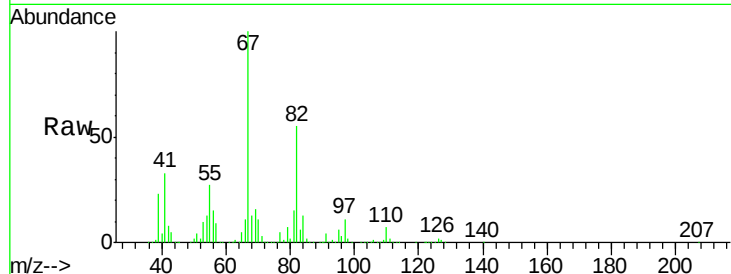




#67
Ethyl Benzene
Concen: 1.716 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

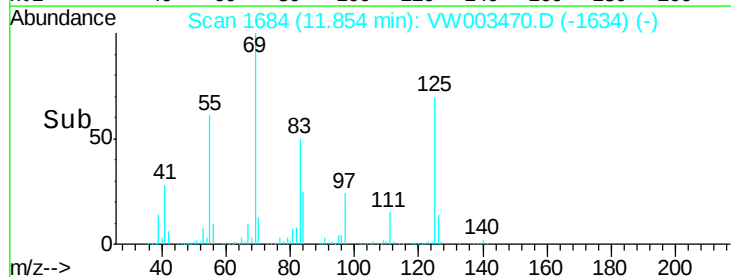
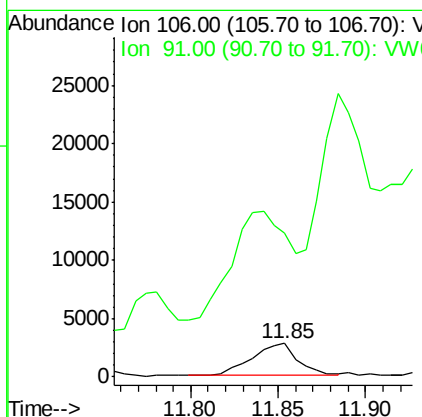
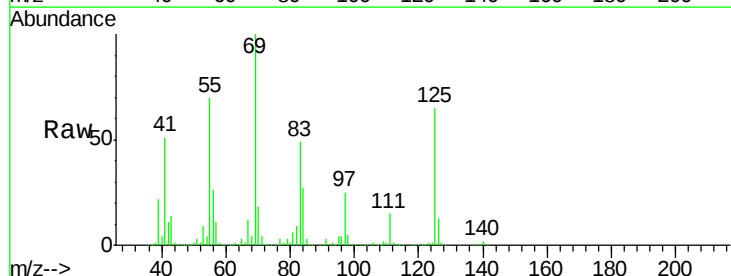
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-21-23-180619

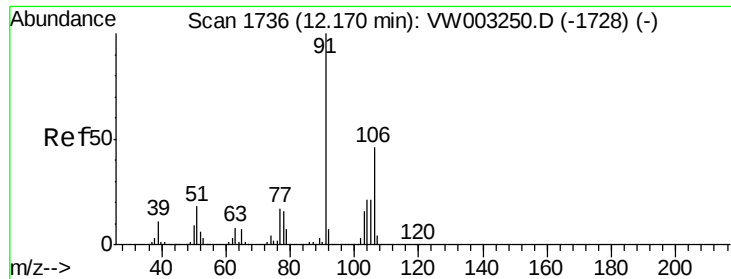
Tgt Ion: 91 Resp: 14071
Ion Ratio Lower Upper
91 100
106 18.7 24.7 37.1#



#68
m/p-Xylenes
Concen: 1.607 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

Tgt Ion: 106 Resp: 5010
Ion Ratio Lower Upper
106 100
91 419.4 165.4 248.0#

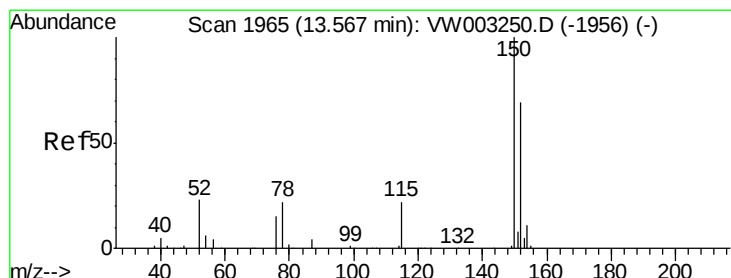
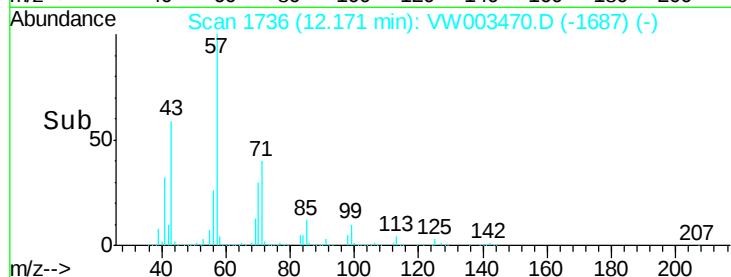
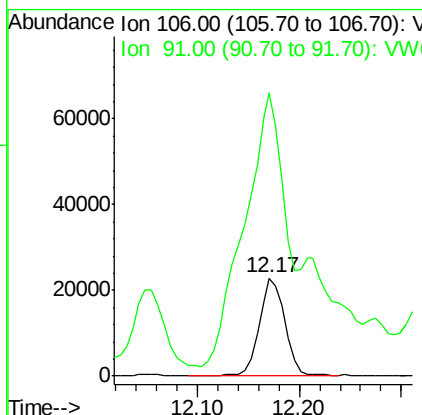
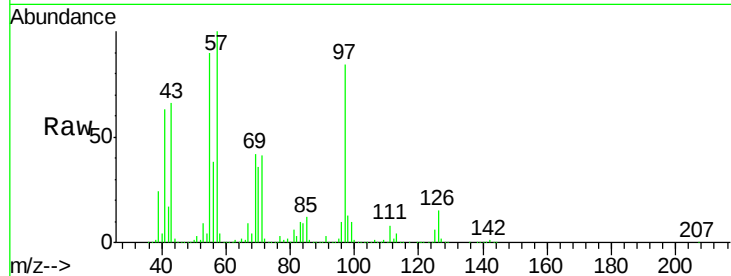




#69
o-Xylene
Concen: 14.046 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

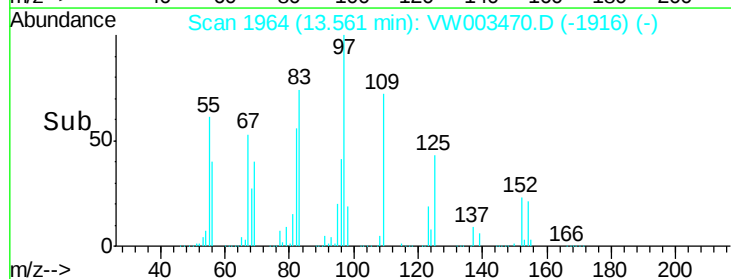
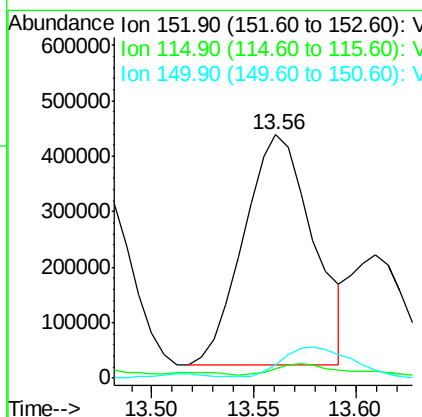
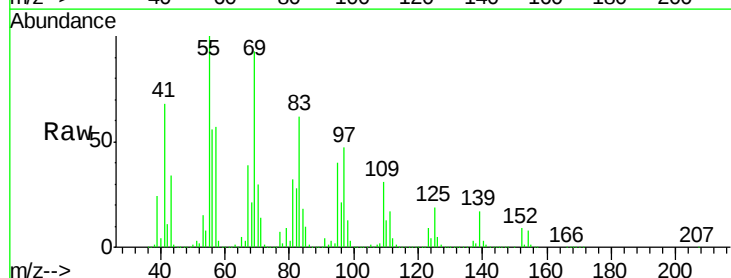
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-21-23-180619

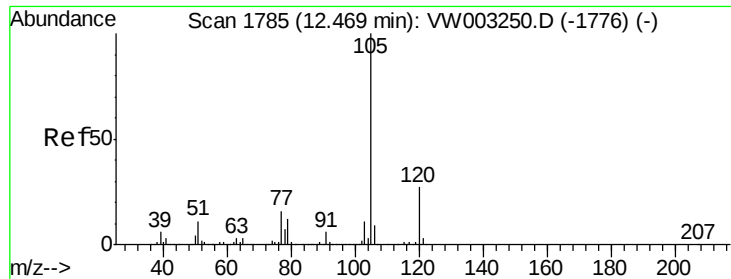
Tgt Ion:106 Resp: 40574
Ion Ratio Lower Upper
106 100
91 450.1 108.6 325.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1964
Delta R.T. -0.01 min
Lab File: VW003470.D
Acq: 23 Jun 2018 19:28

Tgt Ion:152 Resp: 978495
Ion Ratio Lower Upper
152 100
115 5.2 29.3 88.0#
150 13.1 0.0 349.6





#73

Isopropylbenzene

Concen: 6.305 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

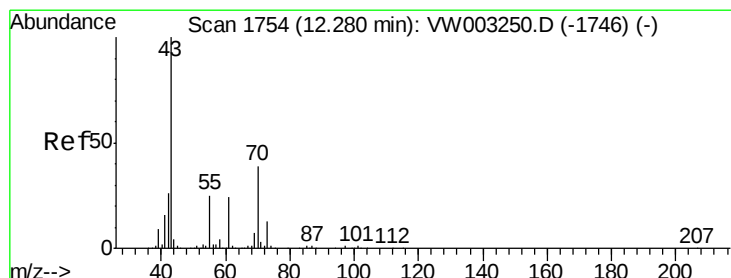
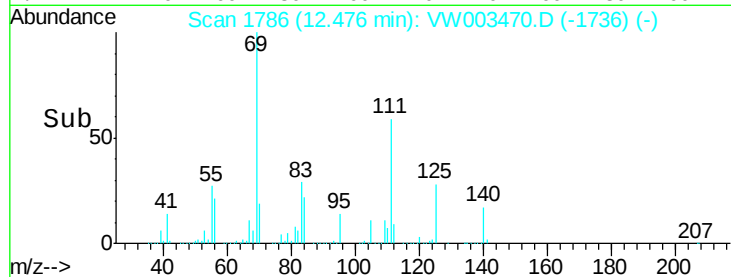
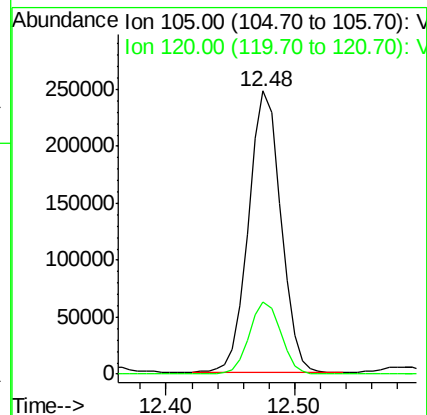
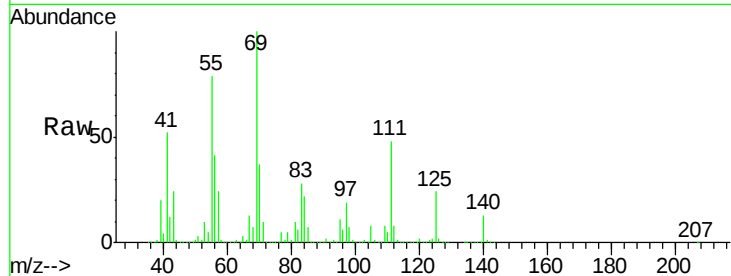
WP021SB485-21-23-180619

Tgt Ion:105 Resp: 429114

Ion Ratio Lower Upper

105 100

120 24.9 13.2 39.6



#74

N-ethyl acetate

Concen: 788.932 ug/l

RT: 12.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Tgt Ion: 43 Resp:12221266

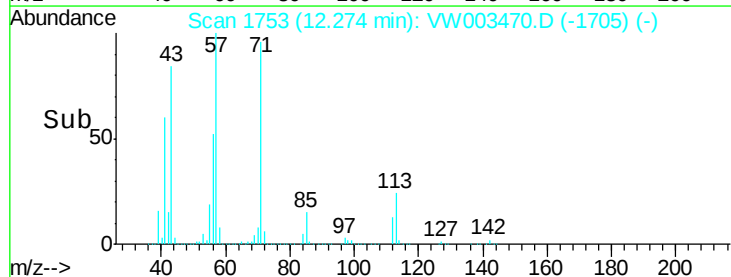
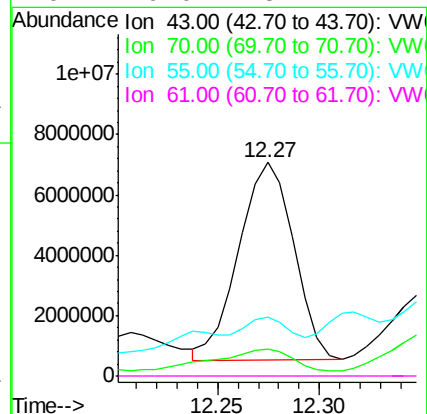
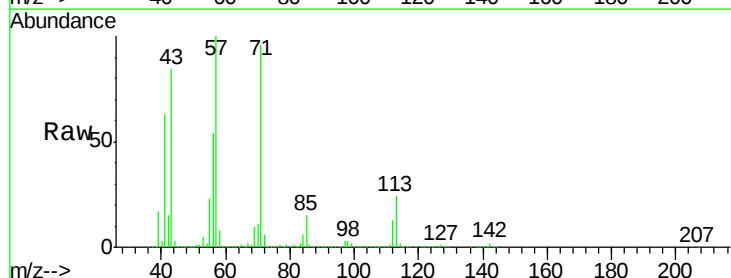
Ion Ratio Lower Upper

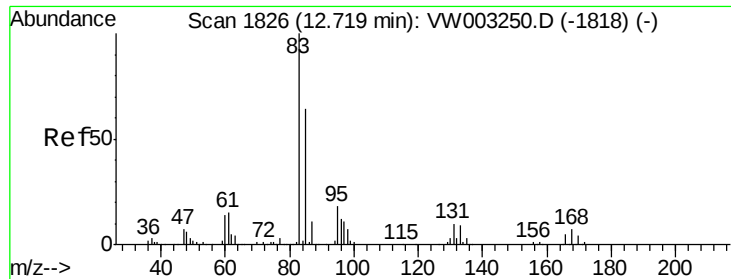
43 100

70 15.1 31.0 46.6#

55 18.5 19.7 29.5#

61 0.0 18.1 27.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 132.807 ug/l

RT: 12.71 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-21-23-180619

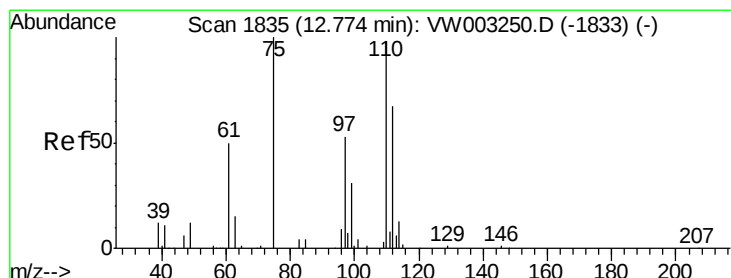
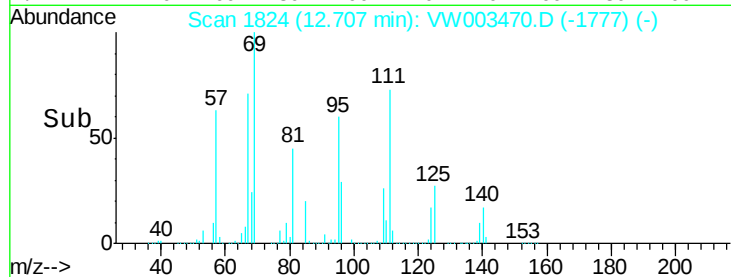
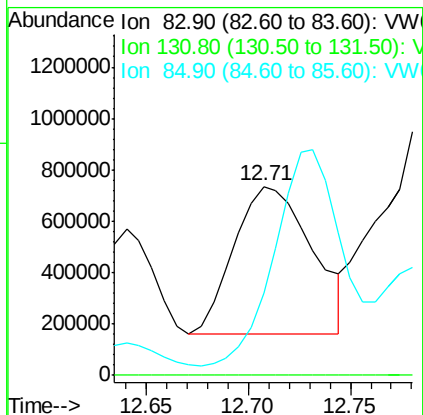
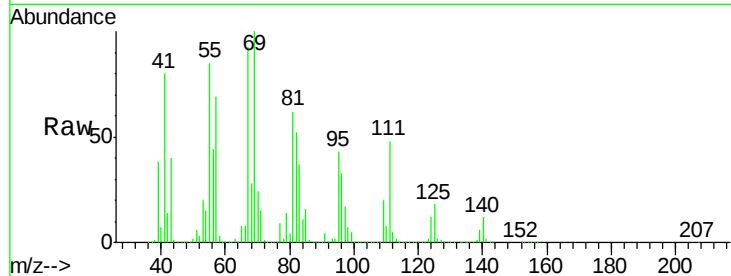
Tgt Ion: 83 Resp: 1529148

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 2.049 ug/l

RT: 12.80 min Scan# 1839

Delta R.T. 0.02 min

Lab File: VW003470.D

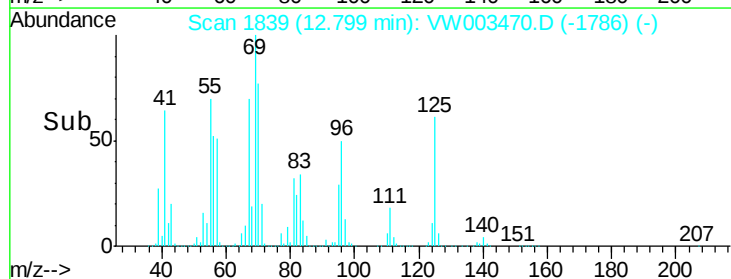
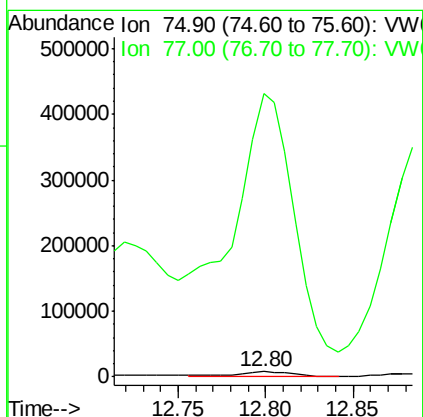
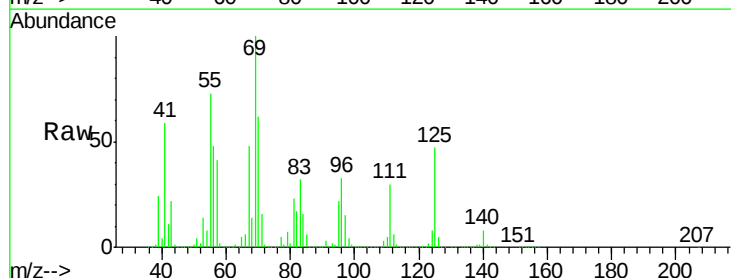
Acq: 23 Jun 2018 19:28

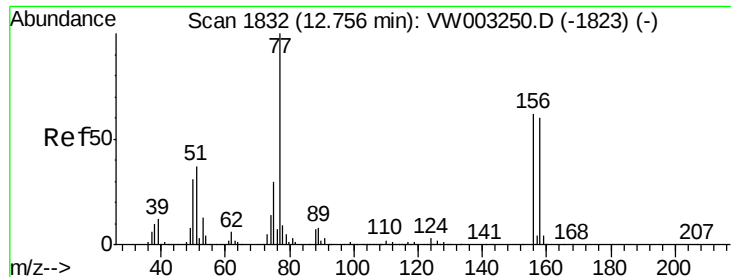
Tgt Ion: 75 Resp: 17139

Ion Ratio Lower Upper

75 100

77 4867.7 0.0 0.0#





#77

Bromobenzene

Concen: 1.831 ug/l

RT: 12.73 min Scan# 1828

Delta R.T. -0.02 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-21-23-180619

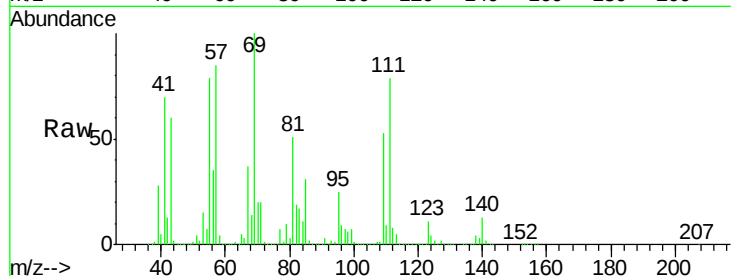
Tgt Ion:156 Resp: 29017

Ion Ratio Lower Upper

156 100

77 1920.2 92.3 276.9#

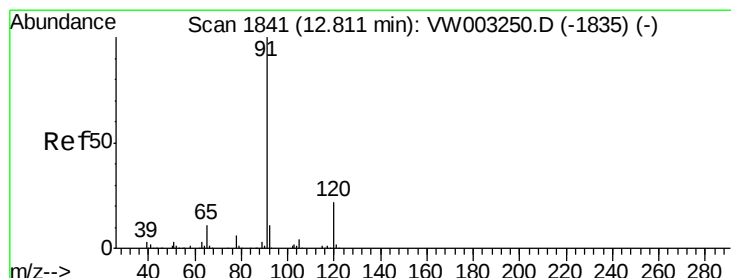
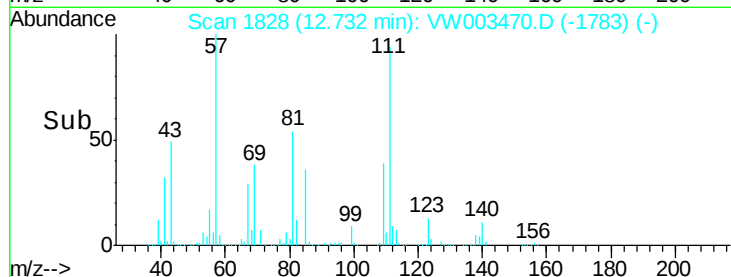
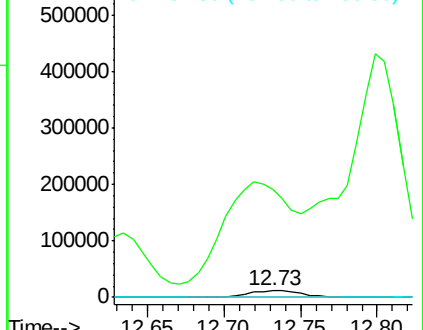
158 0.4 47.5 142.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 6.191 ug/l

RT: 12.80 min Scan# 1840

Delta R.T. -0.01 min

Lab File: VW003470.D

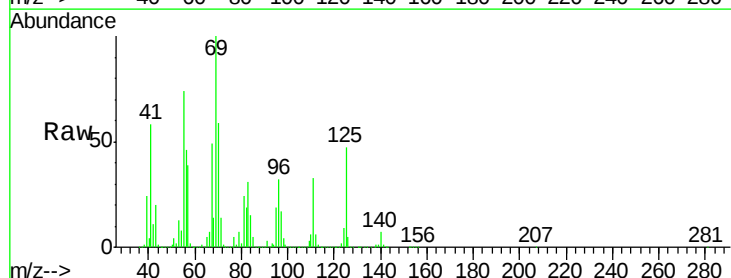
Acq: 23 Jun 2018 19:28

Tgt Ion: 91 Resp: 515937

Ion Ratio Lower Upper

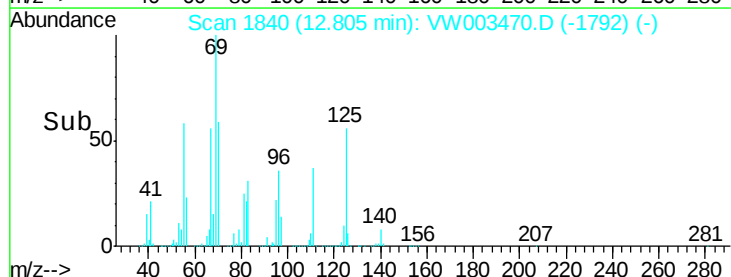
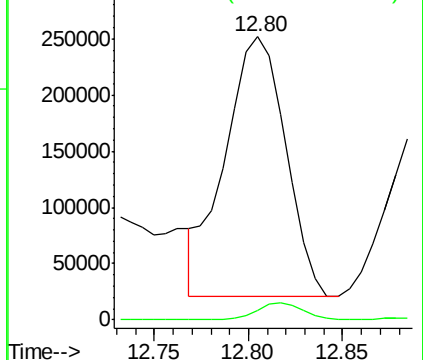
91 100

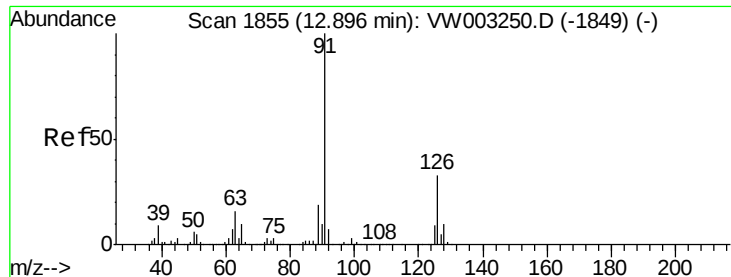
120 5.2 11.3 33.8#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 12.243 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. 0.01 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

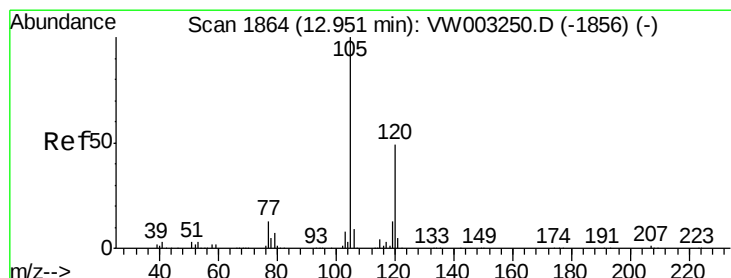
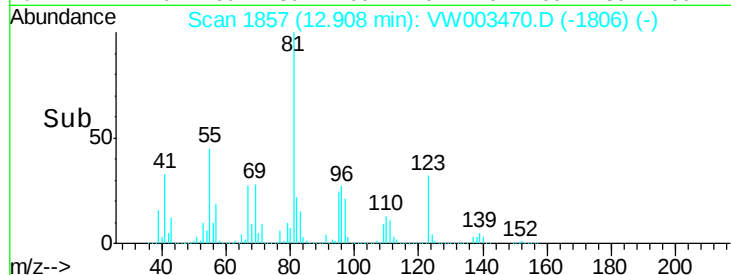
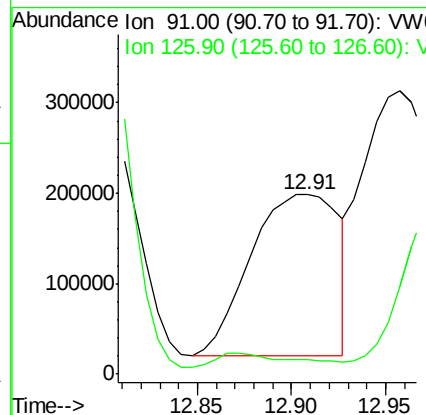
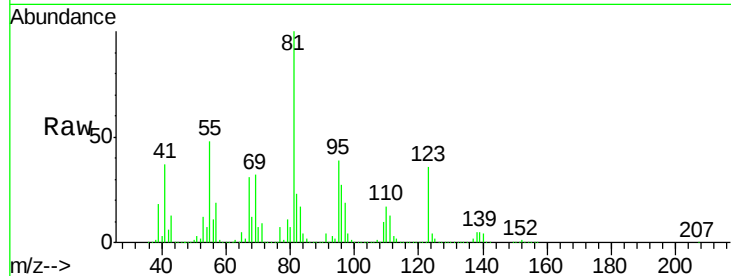
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Tgt Ion: 91 Resp: 576596

Ion Ratio Lower Upper

91 100

126 0.0 16.8 50.4#



#80

1,3,5-Trimethylbenzene

Concen: 11.952 ug/l

RT: 13.12 min Scan# 1891

Delta R.T. 0.16 min

Lab File: VW003470.D

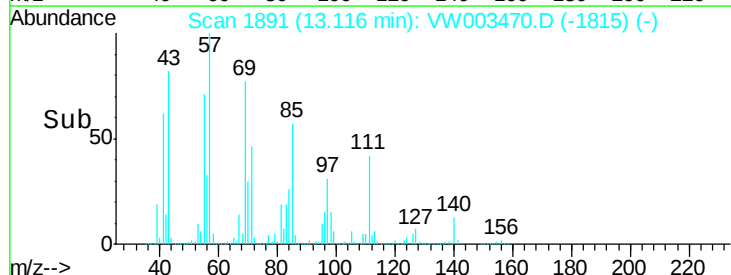
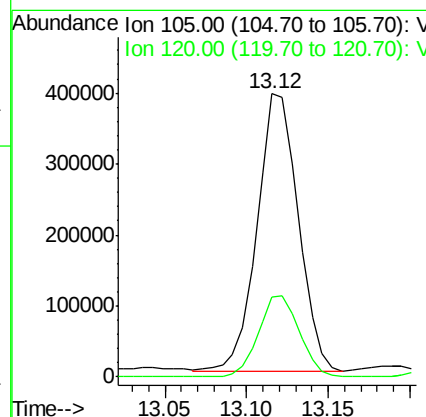
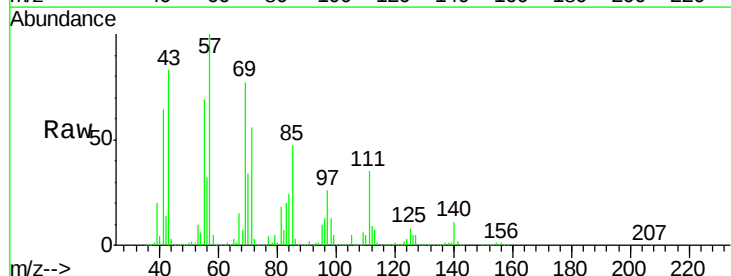
Acq: 23 Jun 2018 19:28

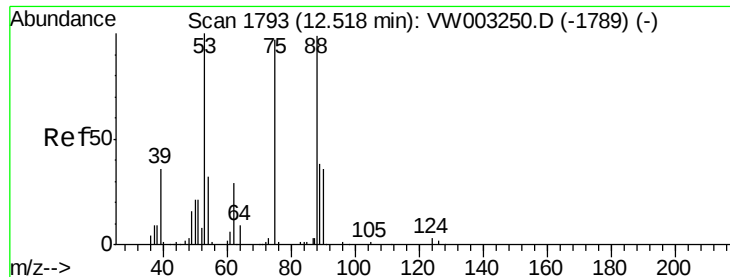
Tgt Ion: 105 Resp: 682797

Ion Ratio Lower Upper

105 100

120 29.3 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 1.880 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.04 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-21-23-180619

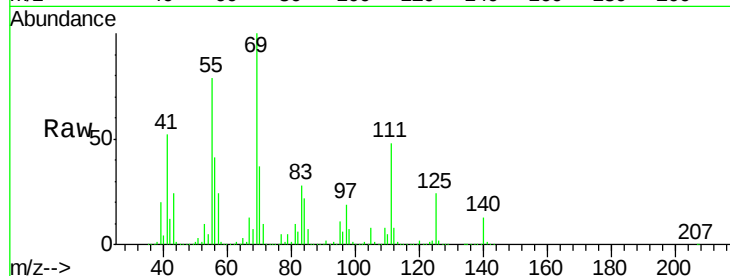
Tgt Ion: 75 Resp: 6833

Ion Ratio Lower Upper

75 100

53 0.0 82.9 124.3#

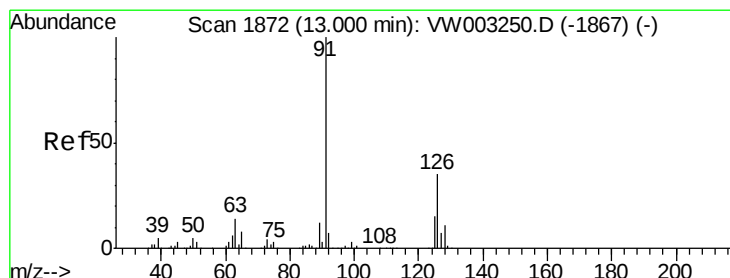
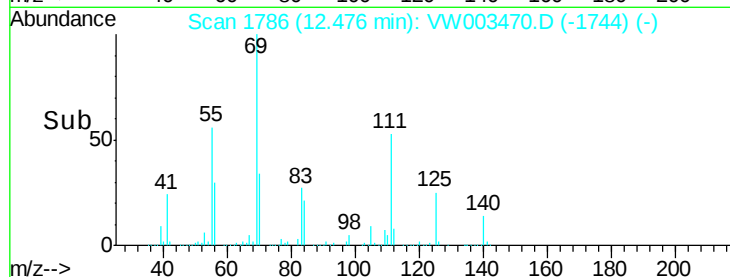
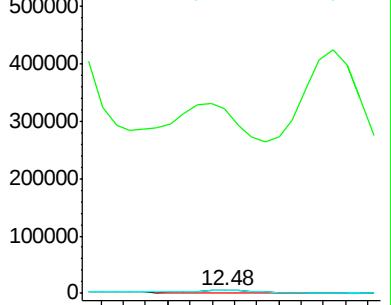
89 126.2 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 8.879 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.04 min

Lab File: VW003470.D

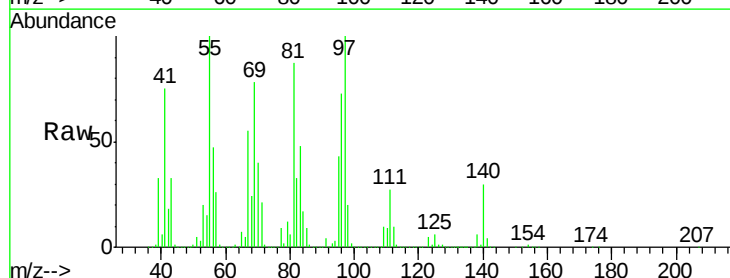
Acq: 23 Jun 2018 19:28

Tgt Ion: 91 Resp: 443582

Ion Ratio Lower Upper

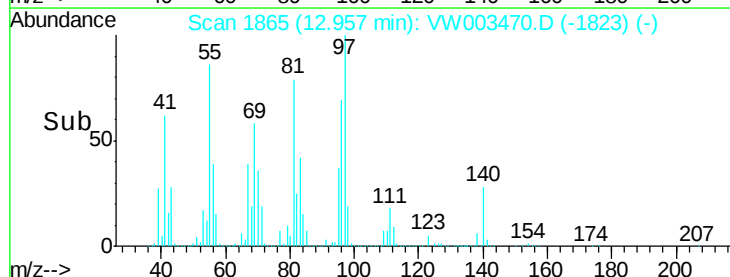
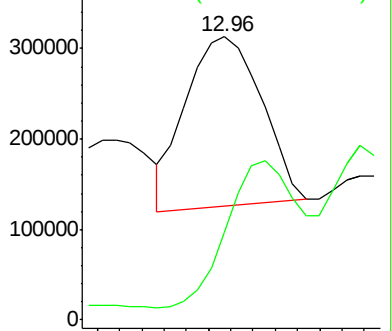
91 100

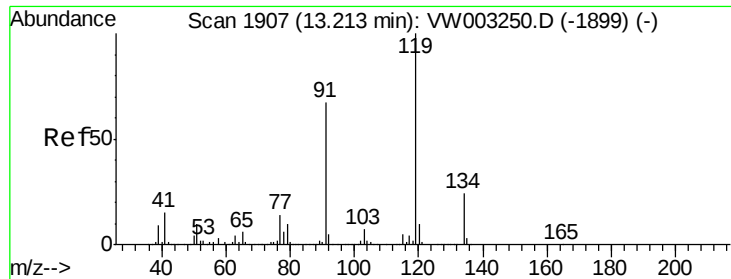
126 88.6 16.8 50.3#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

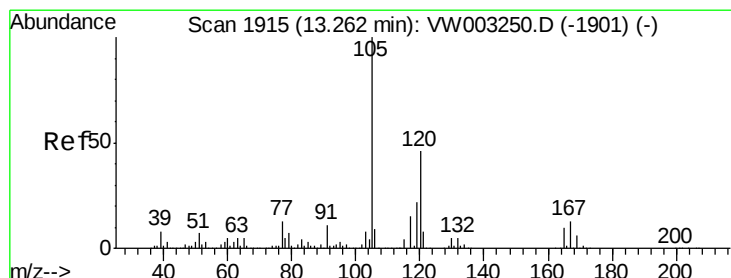
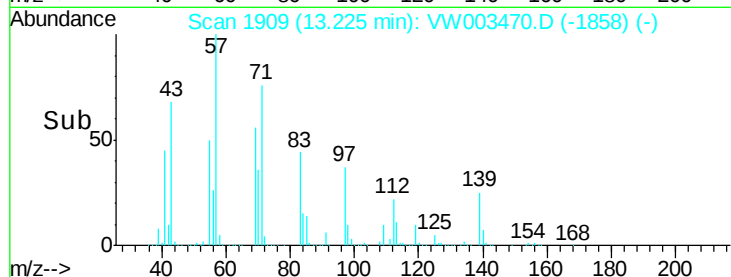
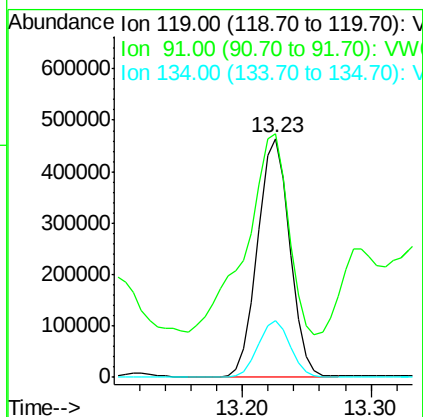
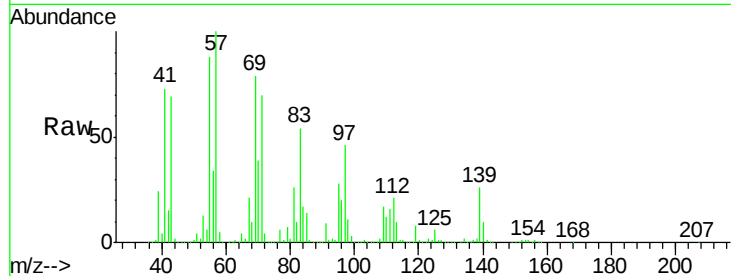




#83
 tert-Butylbenzene
 Concen: 16.469 ug/l
 RT: 13.23 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VW003470.D
 Acq: 23 Jun 2018 19:28

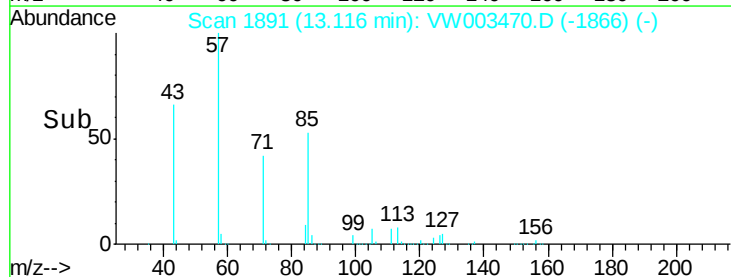
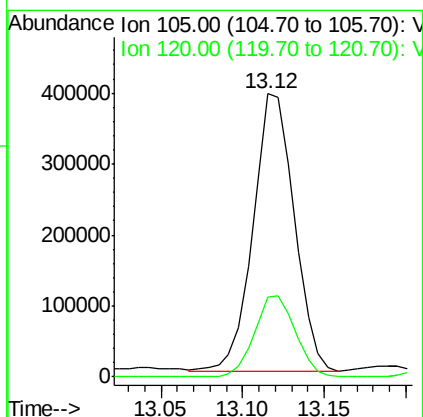
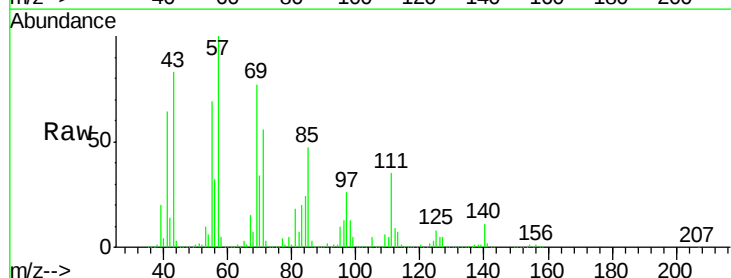
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-21-23-180619

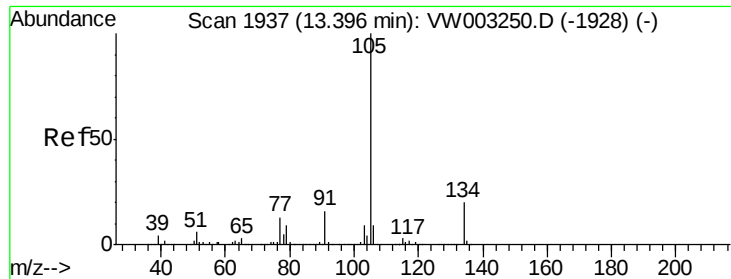
Tgt Ion:119 Resp: 801780
 Ion Ratio Lower Upper
 119 100
 91 111.1 33.9 101.7#
 134 23.5 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 11.619 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. -0.15 min
 Lab File: VW003470.D
 Acq: 23 Jun 2018 19:28

Tgt Ion:105 Resp: 682797
 Ion Ratio Lower Upper
 105 100
 120 29.3 22.5 67.5

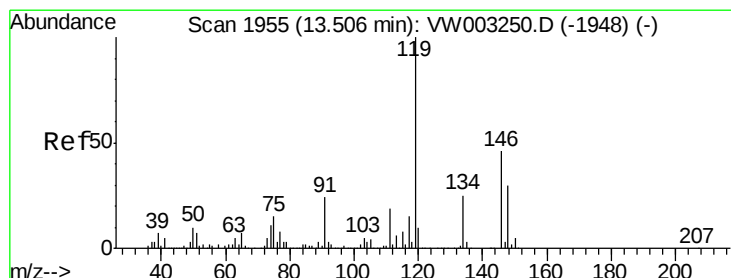
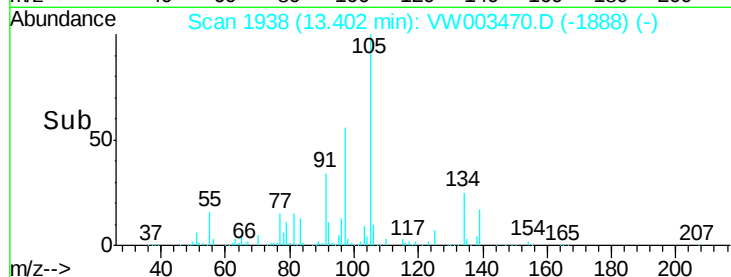
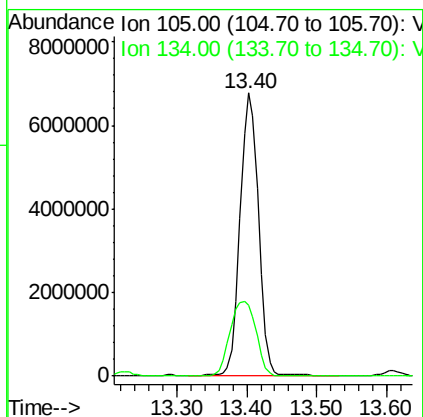
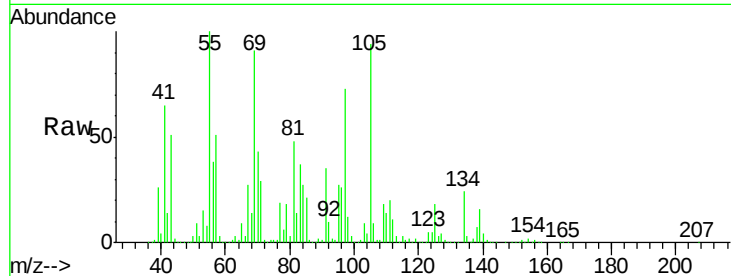




#85
 sec-Butylbenzene
 Concen: 169.877 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. 0.01 min
 Lab File: VW003470.D
 Acq: 23 Jun 2018 19:28

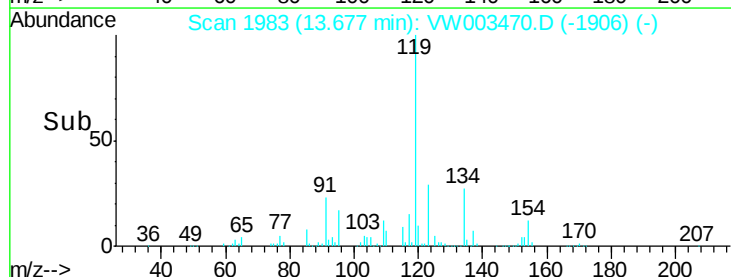
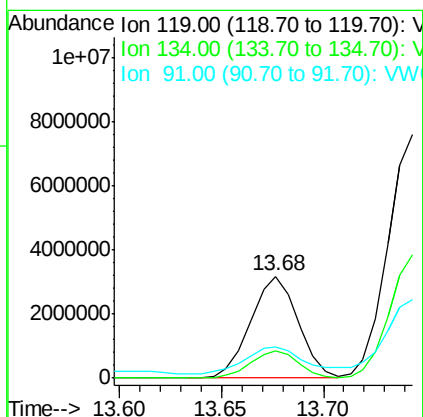
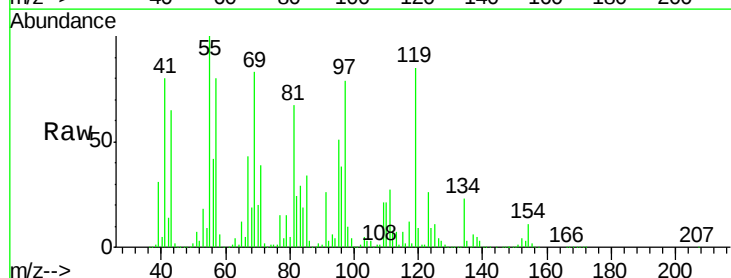
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-21-23-180619

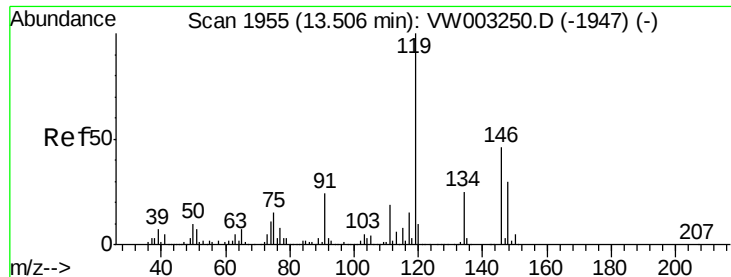
Tgt Ion:105 Resp:12293054
 Ion Ratio Lower Upper
 105 100
 134 37.4 9.8 29.5#



#86
 p-Isopropyltoluene
 Concen: 80.535 ug/l
 RT: 13.68 min Scan# 1983
 Delta R.T. 0.17 min
 Lab File: VW003470.D
 Acq: 23 Jun 2018 19:28

Tgt Ion:119 Resp: 5140190
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.9 38.7
 91 32.8 11.8 35.3

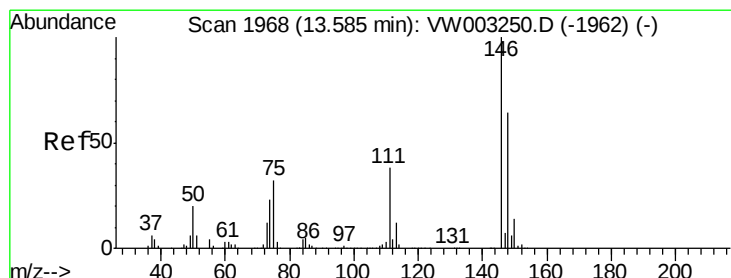
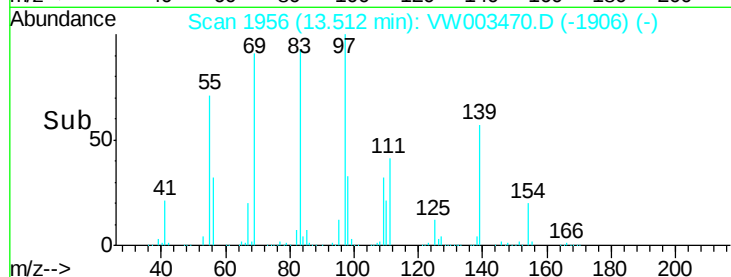
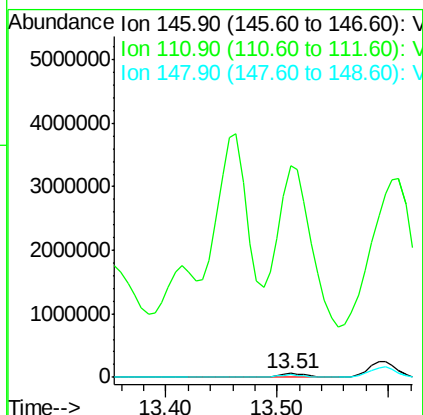
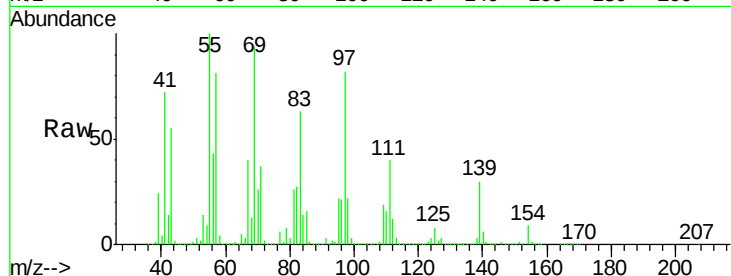




#87
 1,3-Dichlorobenzene
 Concen: 3.099 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.01 min
 Lab File: VW003470.D
 Acq: 23 Jun 2018 19:28

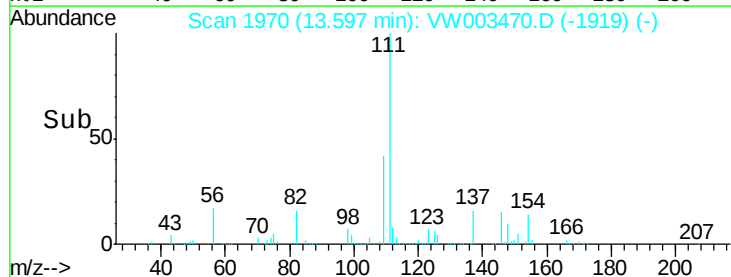
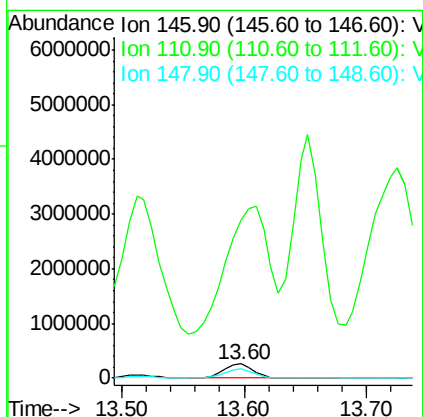
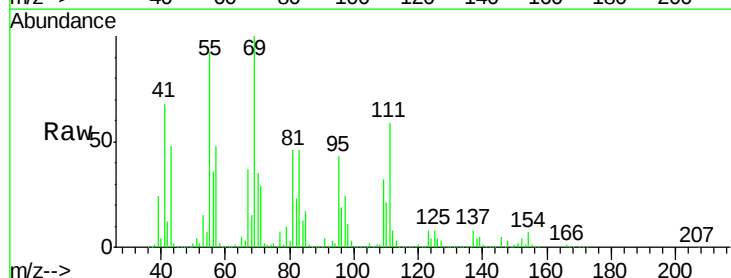
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-21-23-180619

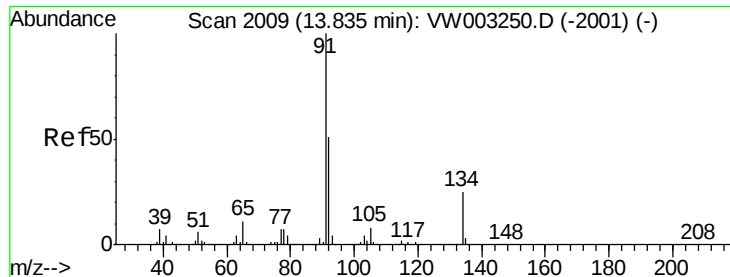
Tgt Ion:146 Resp: 100911
 Ion Ratio Lower Upper
 146 100
 111 5059.7 19.8 59.4#
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 13.634 ug/l
 RT: 13.60 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VW003470.D
 Acq: 23 Jun 2018 19:28

Tgt Ion:146 Resp: 441343
 Ion Ratio Lower Upper
 146 100
 111 1274.6 19.2 57.6#
 148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 172.387 ug/l

RT: 13.85 min Scan# 2011

Delta R.T. 0.01 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-21-23-180619

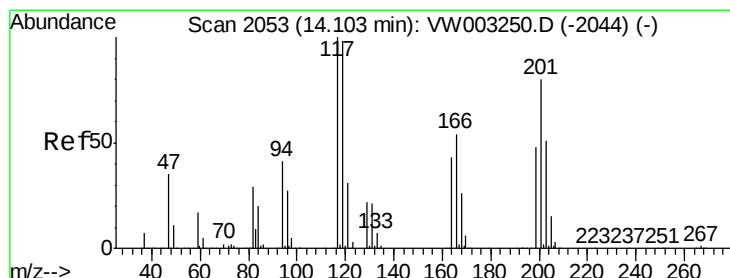
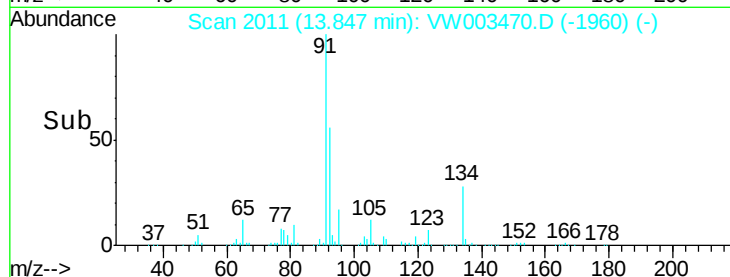
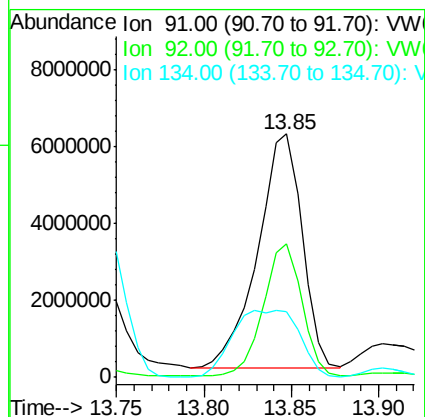
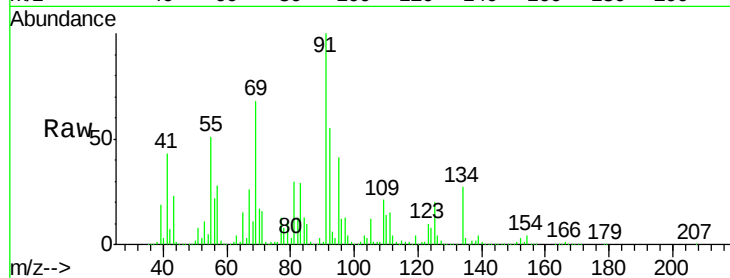
Tgt Ion: 91 Resp:10724907

Ion Ratio Lower Upper

91 100

92 49.1 26.0 78.0

134 43.6 12.7 38.0#



#90

Hexachloroethane

Concen: 382.817 ug/l

RT: 14.12 min Scan# 2056

Delta R.T. 0.02 min

Lab File: VW003470.D

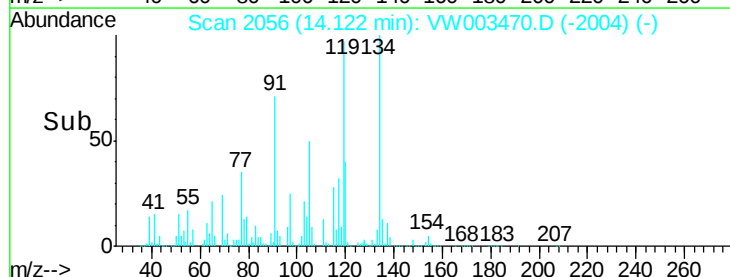
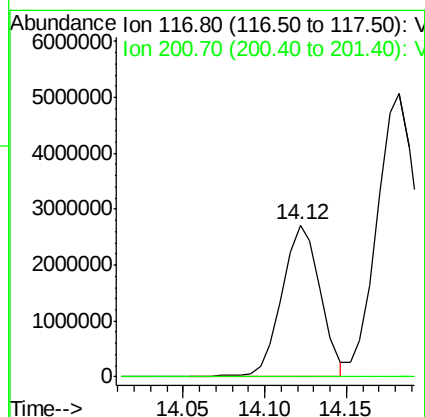
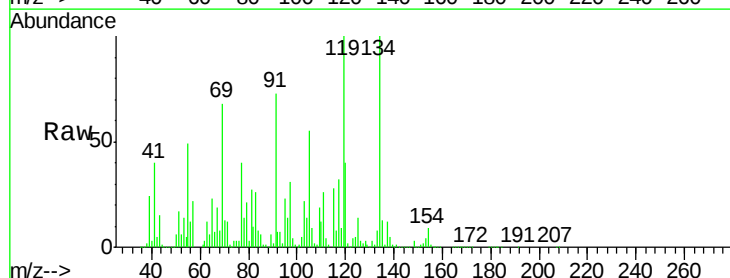
Acq: 23 Jun 2018 19:28

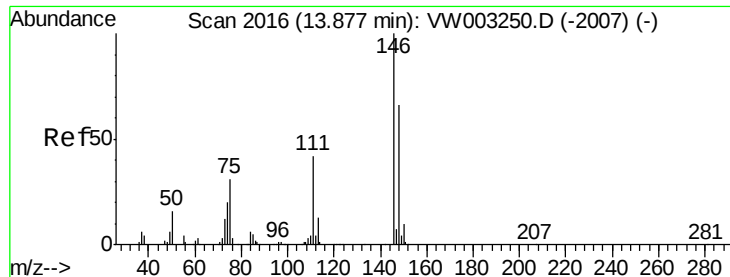
Tgt Ion:117 Resp: 4419947

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#





#91

1,2-Dichlorobenzene

Concen: 4.847 ug/l

RT: 13.89 min Scan# 2018

Delta R.T. 0.01 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-21-23-180619

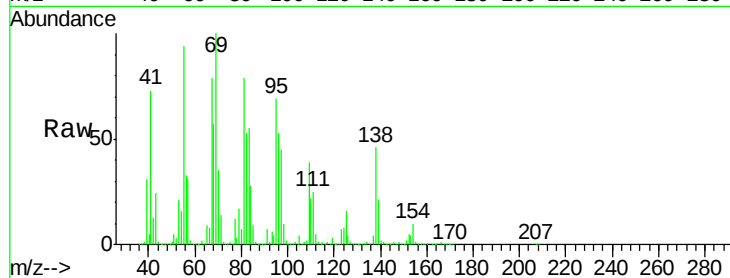
Tgt Ion:146 Resp: 138235

Ion Ratio Lower Upper

146 100

111 1556.7 20.3 61.0#

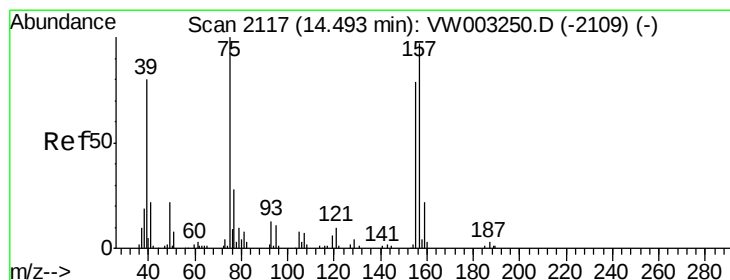
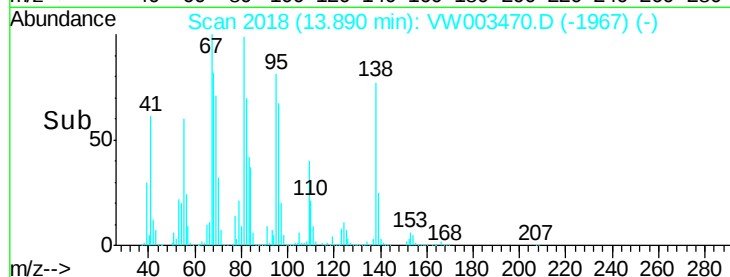
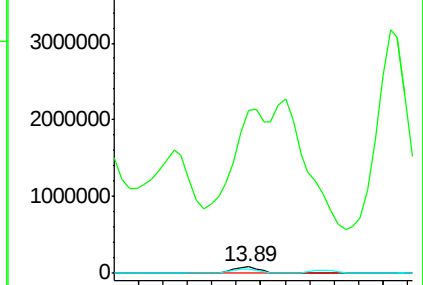
148 64.8 32.3 96.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 29.545 ug/l

RT: 14.52 min Scan# 2121

Delta R.T. 0.02 min

Lab File: VW003470.D

Acq: 23 Jun 2018 19:28

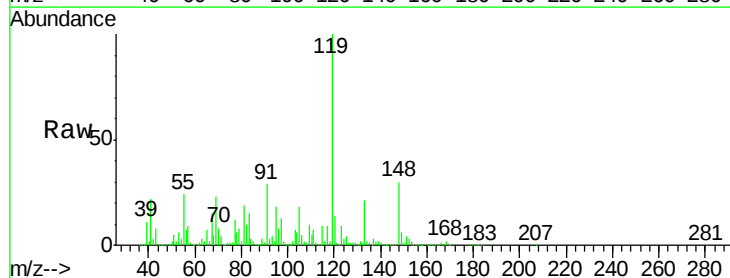
Tgt Ion: 75 Resp: 57247

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.2#

157 0.2 51.5 154.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

