

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003472.D
 Acq On : 23 Jun 2018 20:20
 Operator : SY/AP
 Sample : J3664-15
 Misc : 5.33G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-25-27-180619

Quant Time: Jun 25 02:39:28 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	174597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	303121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	253052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	150329	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	89818	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
35) Dibromofluoromethane	7.88	113	75265	39.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.92%	
50) Toluene-d8	10.33	98	290228	38.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.72%	
62) 4-Bromofluorobenzene	12.62	95	162701	61.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.12%	

Target Compounds						Qvalue
11) Tert butyl alcohol	5.24	59	356	3.510	ug/l #	84
16) Acetone	4.15	43	109380	275.772	ug/l	100
17) Carbon Disulfide	4.37	76	13638	2.919	ug/l	99
20) Methylene Chloride	4.90	84	9687	2.243	ug/l	95
25) 2-Butanone	7.19	43	35057	71.080	ug/l	94
29) Tetrahydrofuran	7.55	42	749	2.485	ug/l #	74
31) Cyclohexane	7.95	56	14432	4.723	ug/l #	64
36) 1,1-Dichloropropene	7.95	75	13829	4.724	ug/l #	54
37) Ethyl Acetate	7.19	43	35057	28.907	ug/l #	79
38) Carbon Tetrachloride	7.96	117	17721	6.171	ug/l #	15
39) Methylcyclohexane	9.34	83	206090	60.844	ug/l	96
40) Benzene	8.33	78	19198	2.379	ug/l	97
43) Isopropyl Acetate	8.42	43	5107	2.121	ug/l #	53
45) 1,2-Dichloropropane	9.34	63	2848	1.386	ug/l #	1
47) Bromodichloromethane	9.75	83	3971	1.473	ug/l #	48
48) Methyl methacrylate	9.52	41	10011	8.846	ug/l #	63
51) 4-Methyl-2-Pentanone	10.32	43	14887	12.133	ug/l #	74
55) 1,1,2-Trichloroethane	10.77	97	47792	32.244	ug/l #	20
56) Ethyl methacrylate	10.67	69	25732	14.296	ug/l #	10
59) 2-Hexanone	10.94	43	68771	80.229	ug/l #	33
65) Chlorobenzene	11.66	112	656089	124.505	ug/l	100
67) Ethyl Benzene	11.74	91	12298	1.317	ug/l	97
73) Isopropylbenzene	12.48	105	44556	4.261	ug/l	89
74) N-aryl acetate	12.26	43	336447	141.370	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.70	83	69989	39.566	ug/l #	91
76) 1,2,3-Trichloropropane	12.62	75	46196	35.946	ug/l #	100
77) Bromobenzene	12.59	156	38409	15.773	ug/l #	1
78) n-propylbenzene	12.81	91	45242	3.534	ug/l	86
79) 2-Chlorotoluene	12.90	91	21179	2.927	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.11	105	50895	5.799	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.62	75	46196	82.714	ug/l #	36
83) tert-Butylbenzene	13.21	119	133580	17.859	ug/l	90
84) 1,2,4-Trimethylbenzene	13.11	105	50895	5.637	ug/l	77
85) sec-Butylbenzene	13.39	105	1033992	93.006	ug/l #	50

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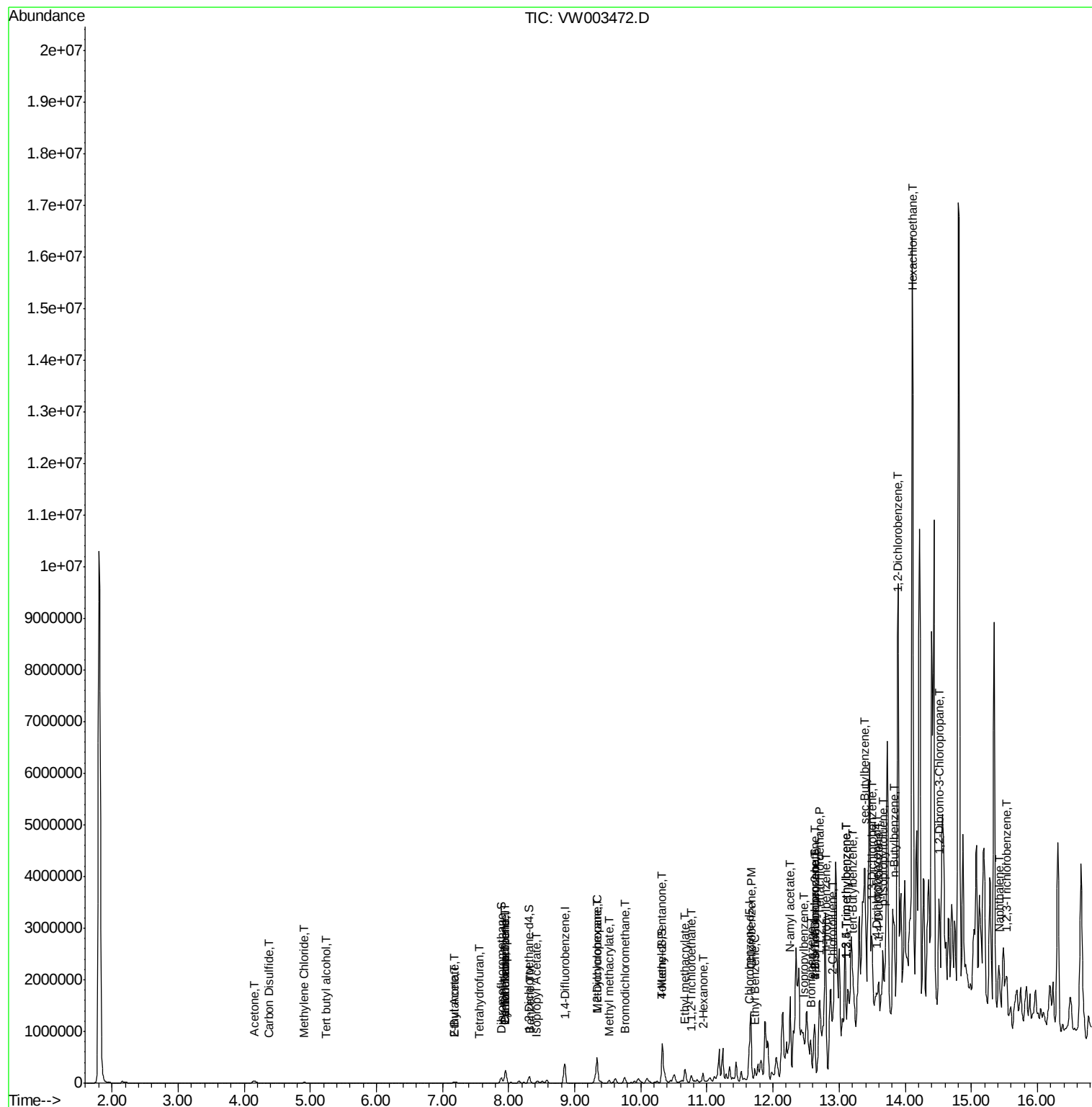
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.66	119	675861	68.926	ug/l	95
87) 1,3-Dichlorobenzene	13.51	146	12106	2.420	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	56964	11.454	ug/l #	1
89) n-Butylbenzene	13.83	91	1032266	107.999	ug/l #	76
90) Hexachloroethane	14.11	117	697408	393.167	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	25470	5.812	ug/l #	74
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8316	27.936	ug/l #	4
95) Naphthalene	15.43	128	10096	1.935	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.54	180	4670	1.725	ug/l #	1

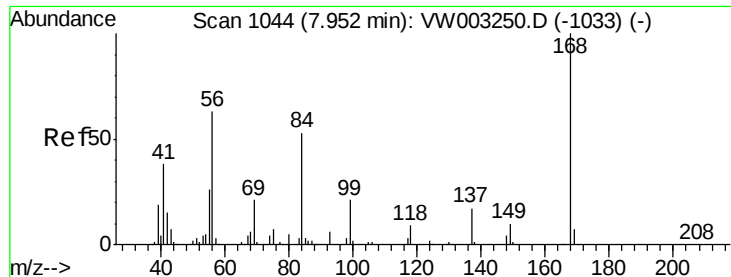
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

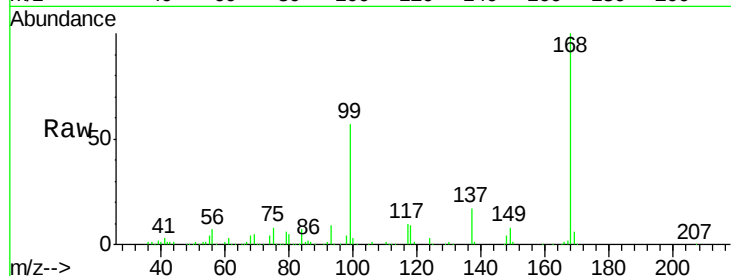
WP021SB485-25-27-180619

Tgt Ion:168 Resp: 174597

Ion Ratio Lower Upper

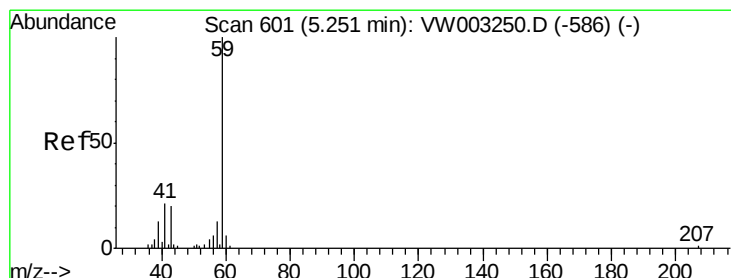
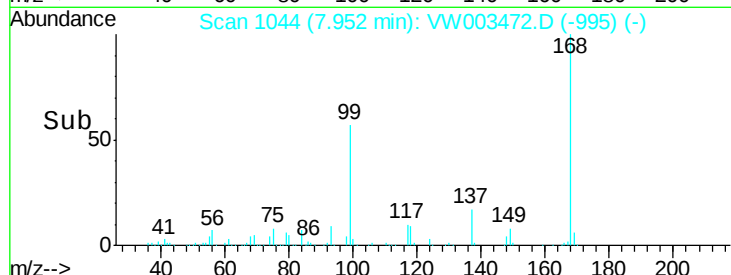
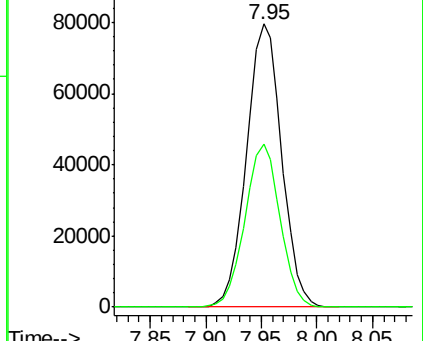
168 100

99 57.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.510 ug/l

RT: 5.24 min Scan# 600

Delta R.T. -0.01 min

Lab File: VW003472.D

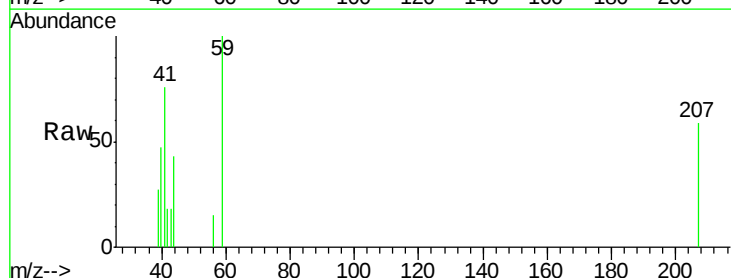
Acq: 23 Jun 2018 20:20

Tgt Ion: 59 Resp: 356

Ion Ratio Lower Upper

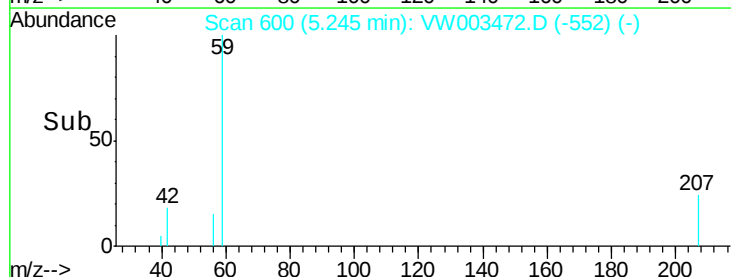
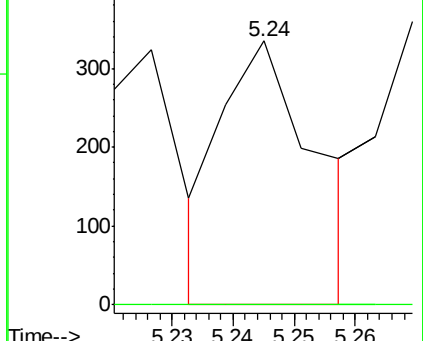
59 100

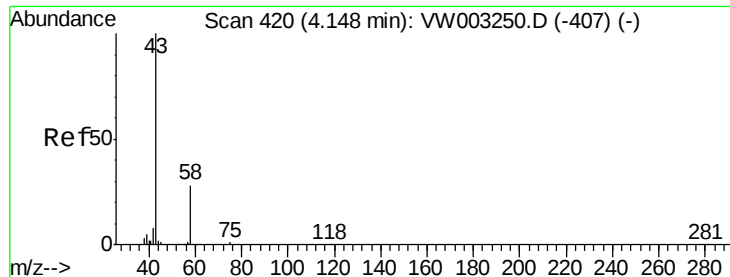
57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

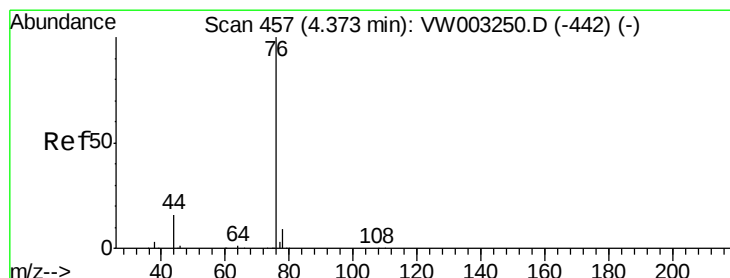
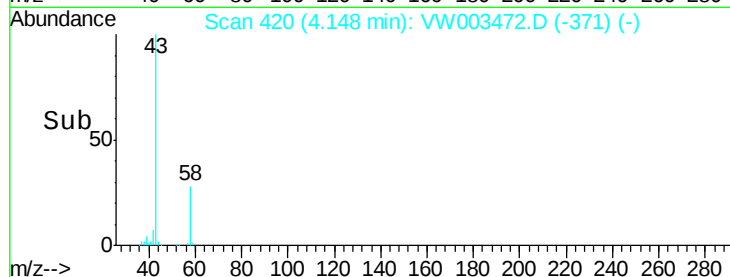
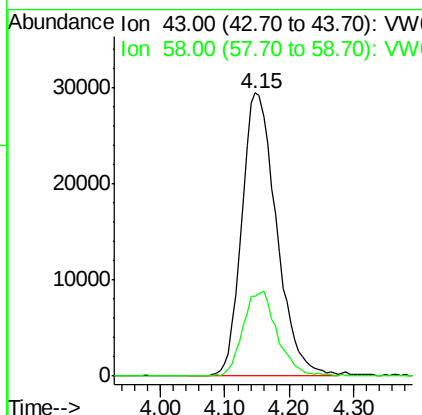
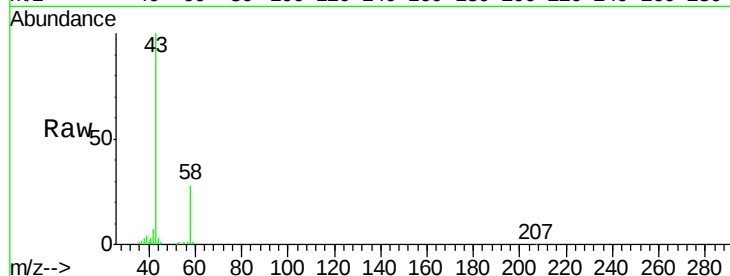




#16
Acetone
Concen: 275.772 ug/l
RT: 4.15 min Scan# 420
Delta R.T. 0.00 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

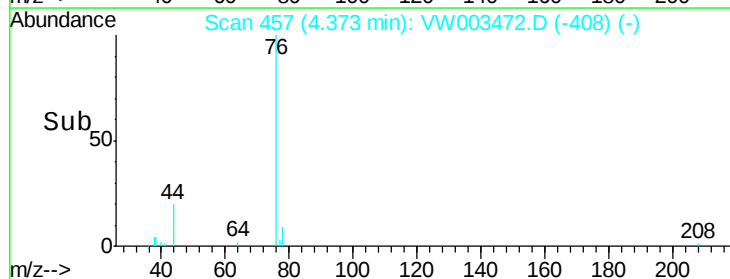
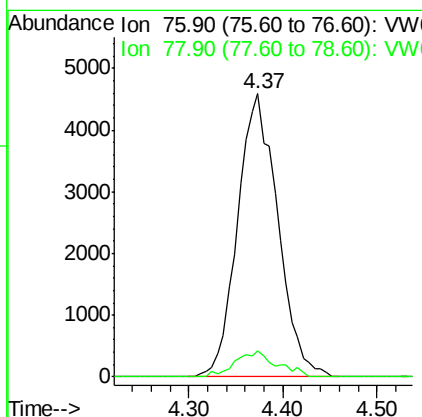
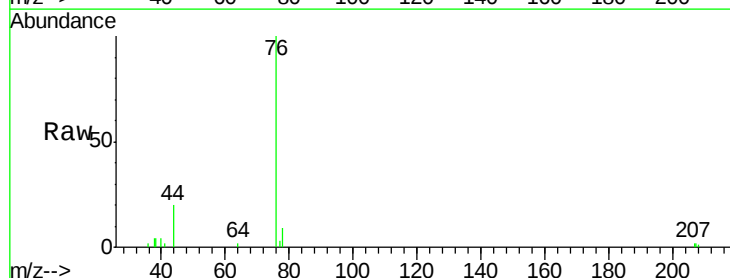
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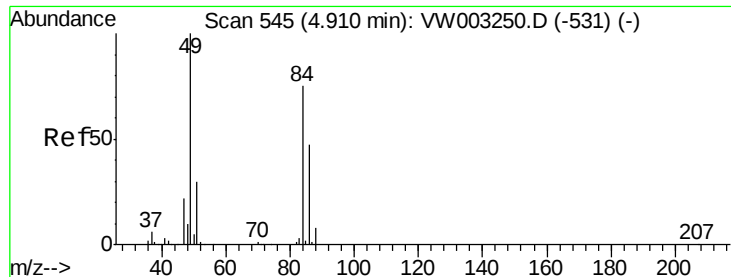
Tgt Ion: 43 Resp: 109380
Ion Ratio Lower Upper
43 100
58 28.1 22.6 34.0



#17
Carbon Disulfide
Concen: 2.919 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

Tgt Ion: 76 Resp: 13638
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

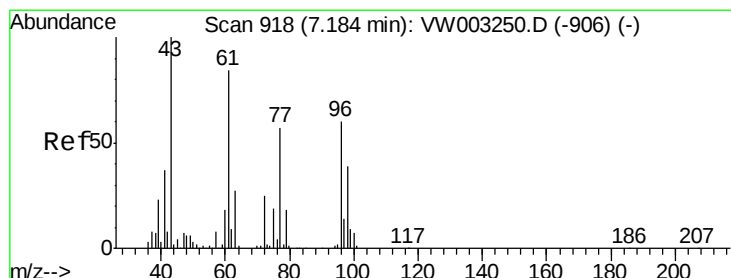
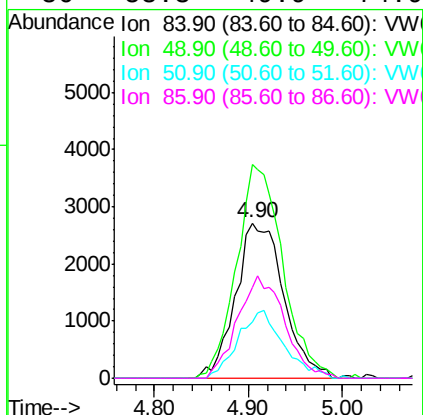
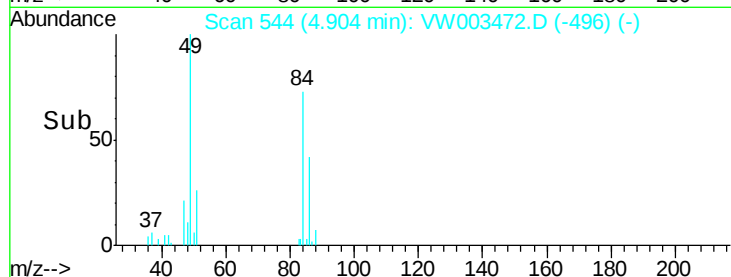
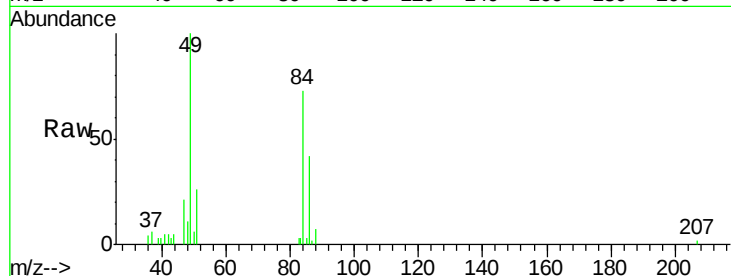




#20
Methylene Chloride
Concen: 2.243 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

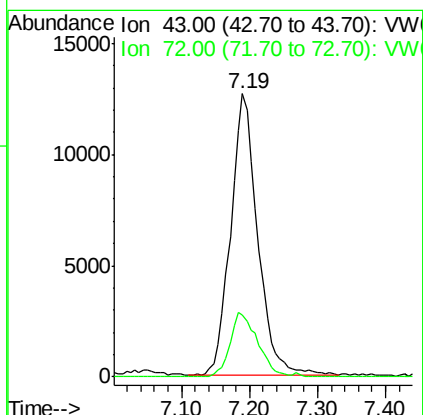
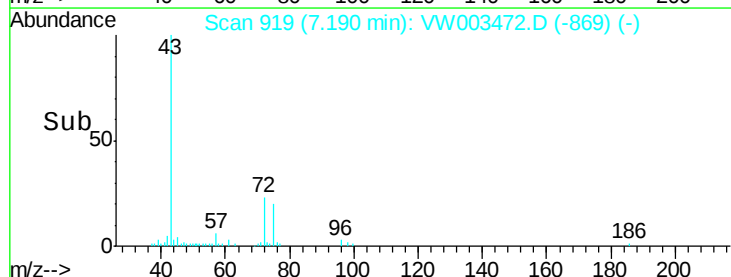
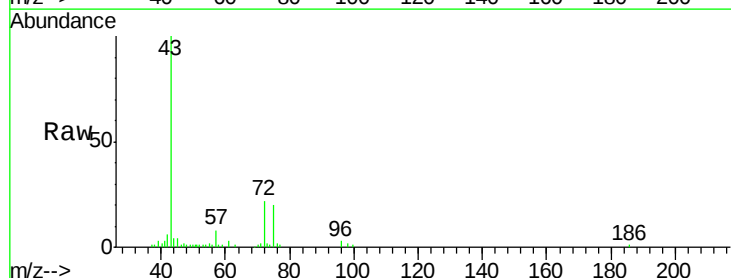
Instrument :
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WP021SB485-25-27-180619

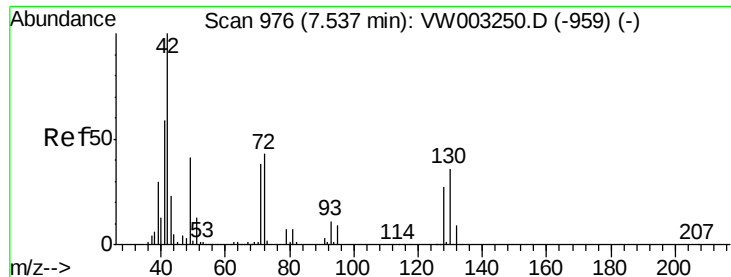
Tgt Ion:	84	Resp:	9687
Ion	Ratio	Lower	Upper
84	100		
49	137.8	106.3	159.5
51	36.4	32.0	48.0
86	58.3	49.9	74.9



#25
2-Butanone
Concen: 71.080 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

Tgt Ion:	43	Resp:	35057
Ion	Ratio	Lower	Upper
43	100		
72	22.2	20.3	30.5

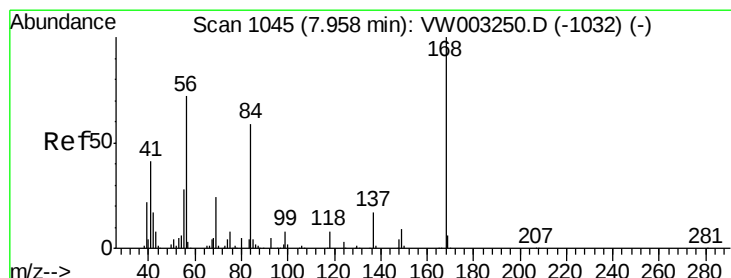
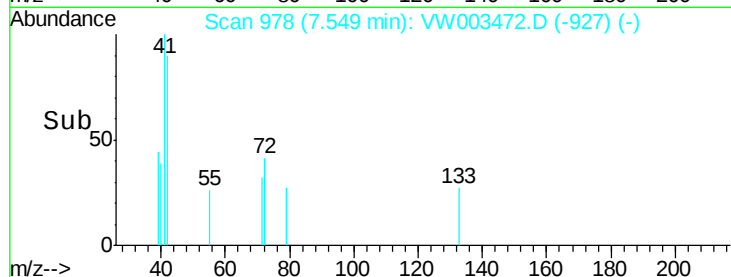
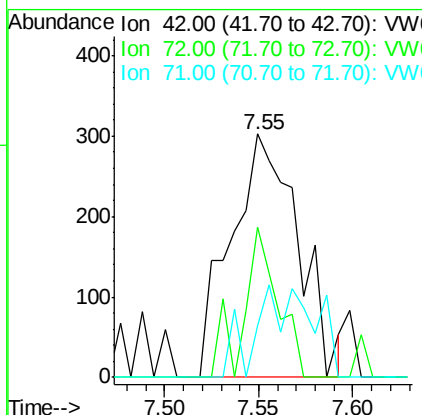
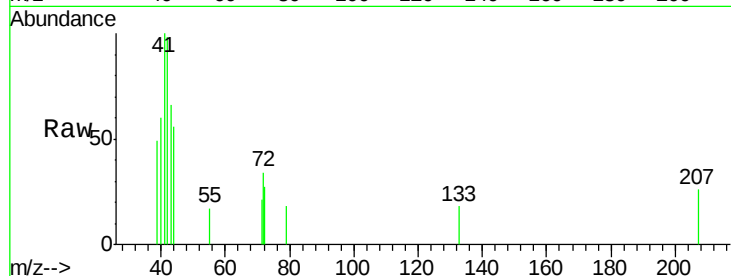




#29
Tetrahydrofuran
Concen: 2.485 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.01 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

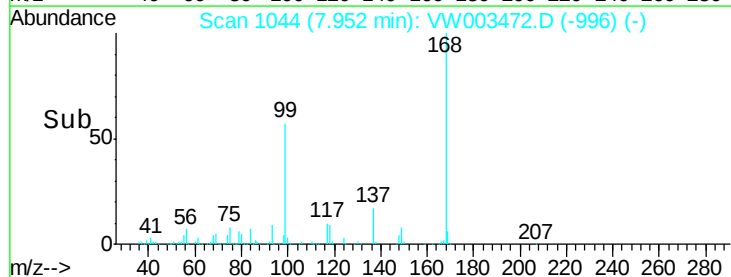
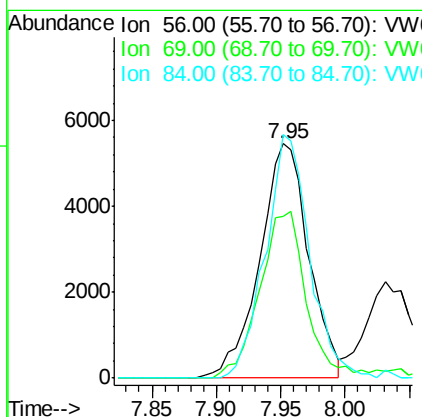
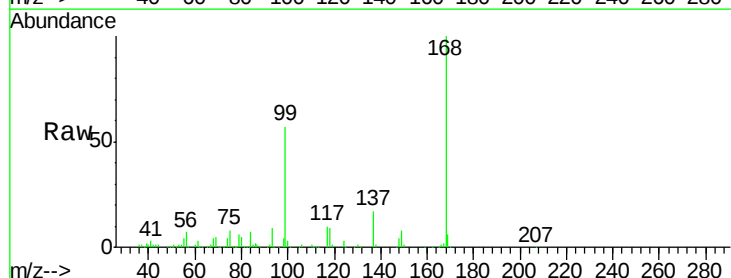
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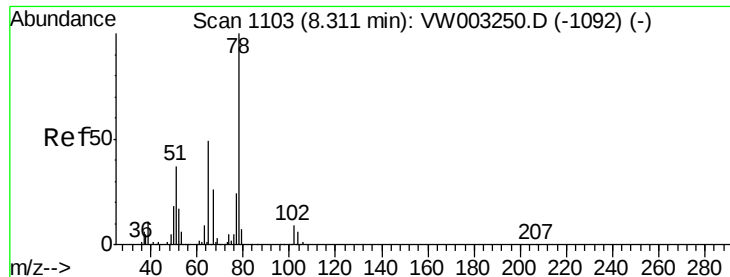
Tgt Ion: 42 Resp: 749
Ion Ratio Lower Upper
42 100
72 31.6 32.4 48.6#
71 15.8 31.2 46.8#



#31
Cyclohexane
Concen: 4.723 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

Tgt Ion: 56 Resp: 14432
Ion Ratio Lower Upper
56 100
69 68.8 26.3 39.5#
84 103.8 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 47.494 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

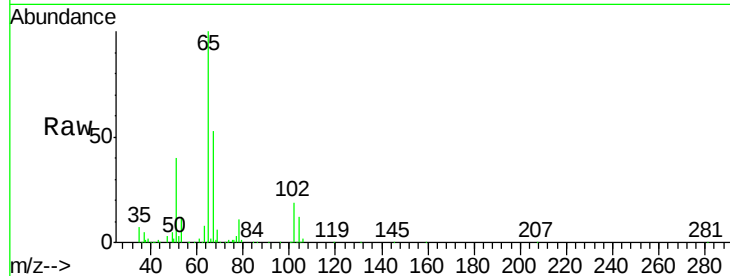
WP021SB485-25-27-180619

Tgt Ion: 65 Resp: 89818

Ion Ratio Lower Upper

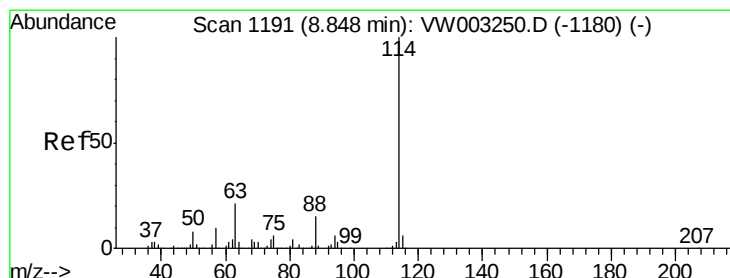
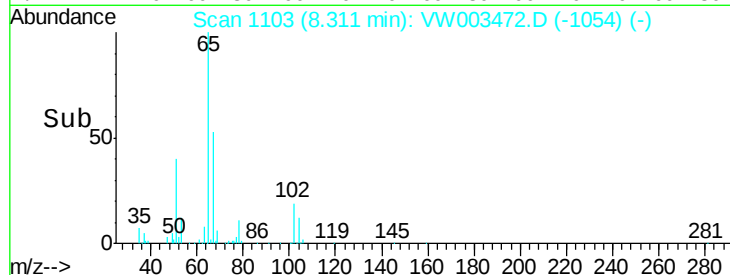
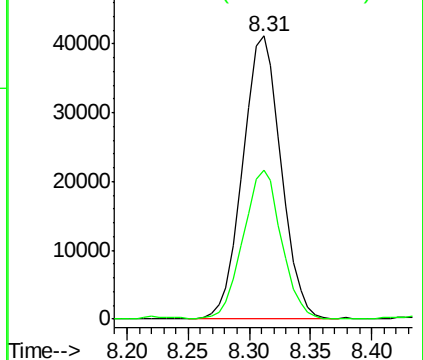
65 100

67 52.5 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: VW003472.D

Acq: 23 Jun 2018 20:20

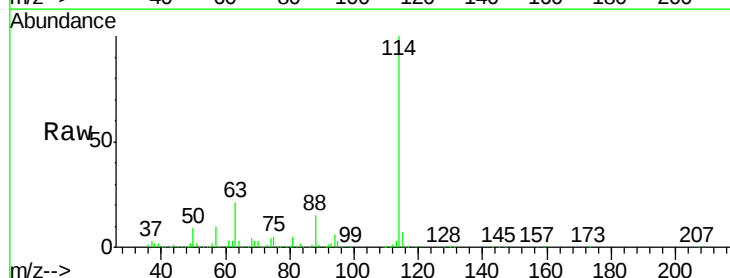
Tgt Ion: 114 Resp: 303121

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.0

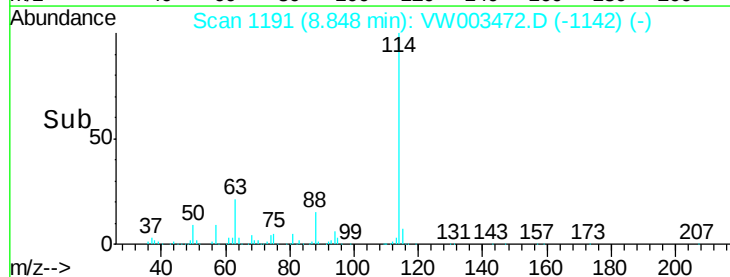
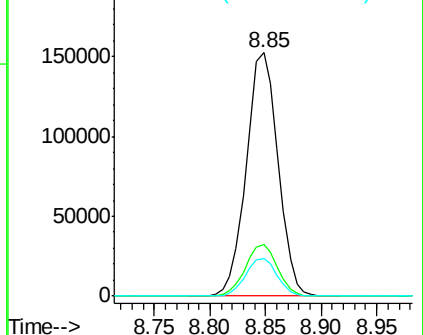
88 15.4 0.0 29.6

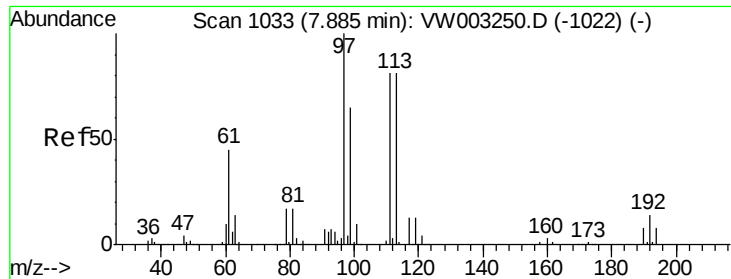


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

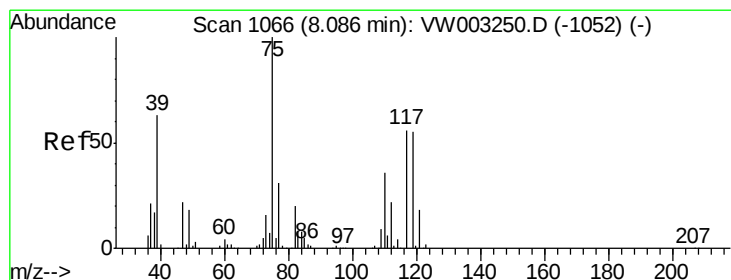
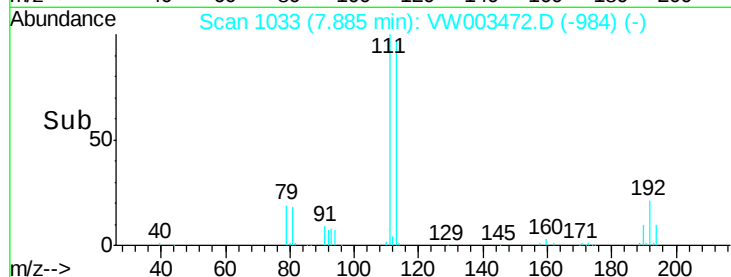
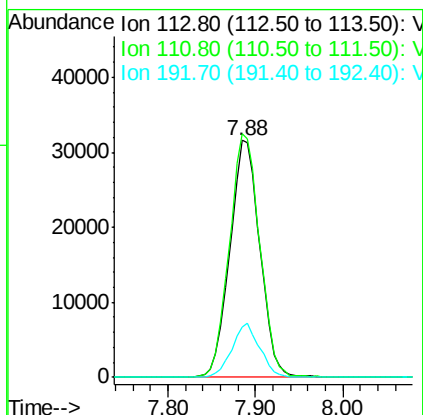
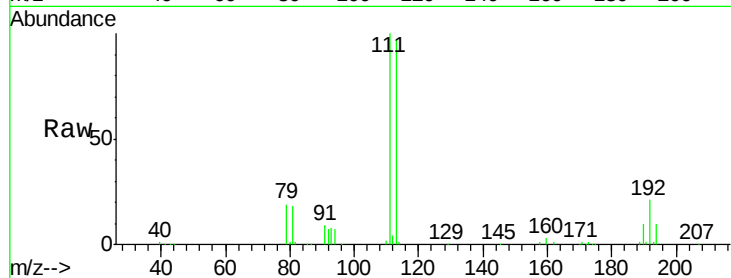




#35
 Dibromofluoromethane
 Concen: 39.960 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003472.D
 Acq: 23 Jun 2018 20:20

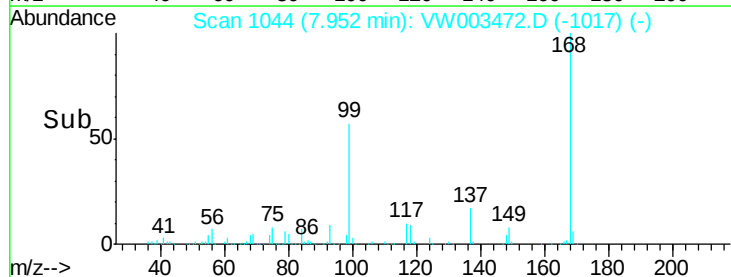
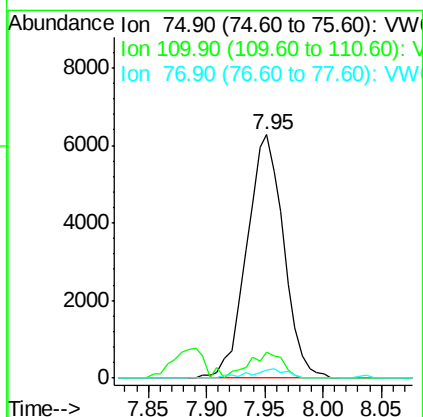
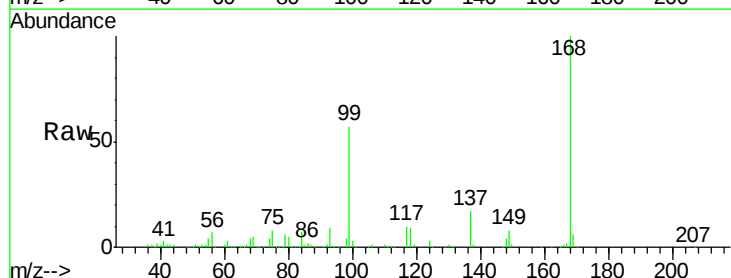
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 WP021SB485-25-27-180619

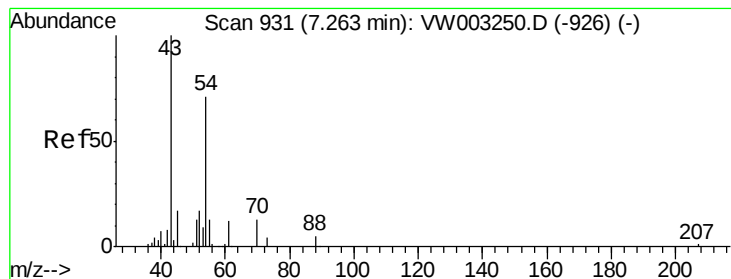
Tgt Ion: 113 Resp: 75265
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.2
 192 20.9 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.724 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003472.D
 Acq: 23 Jun 2018 20:20

Tgt Ion: 75 Resp: 13829
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.1 51.3#
 77 3.7 24.9 37.3#





#37

Ethyl Acetate

Concen: 28.907 ug/l

RT: 7.19 min Scan# 919

Delta R.T. -0.07 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-25-27-180619

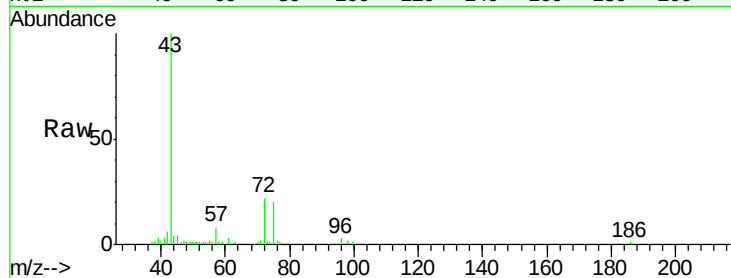
Tgt Ion: 43 Resp: 35057

Ion Ratio Lower Upper

43 100

61 6.2 10.8 16.2#

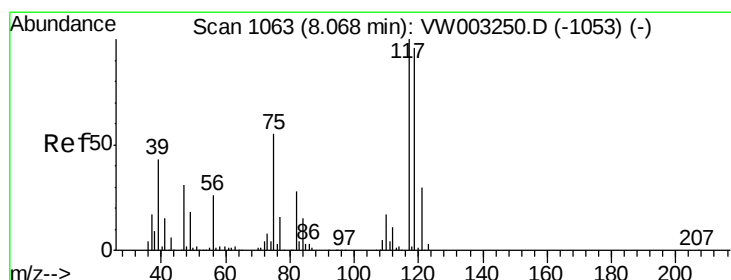
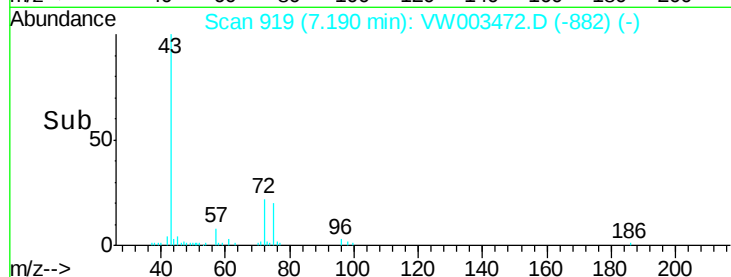
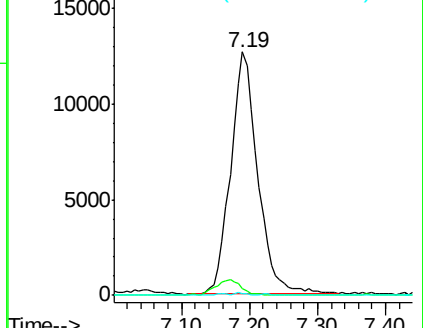
70 0.7 7.8 11.6#



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



#38

Carbon Tetrachloride

Concen: 6.171 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.11 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

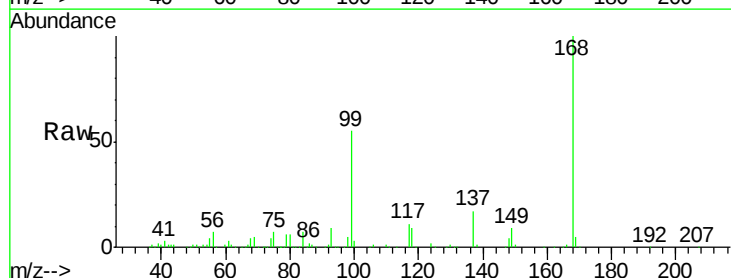
Tgt Ion: 117 Resp: 17721

Ion Ratio Lower Upper

117 100

119 4.0 76.6 115.0#

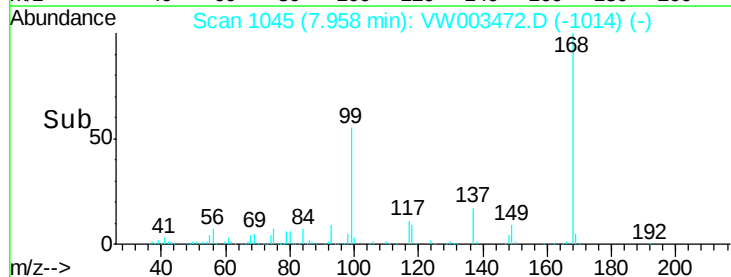
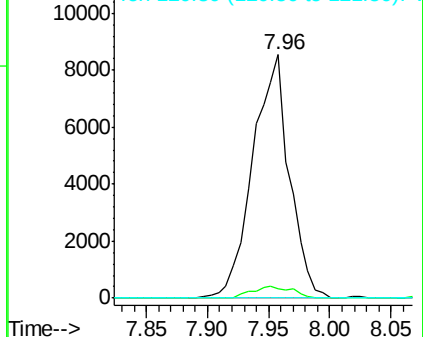
121 0.0 23.9 35.9#

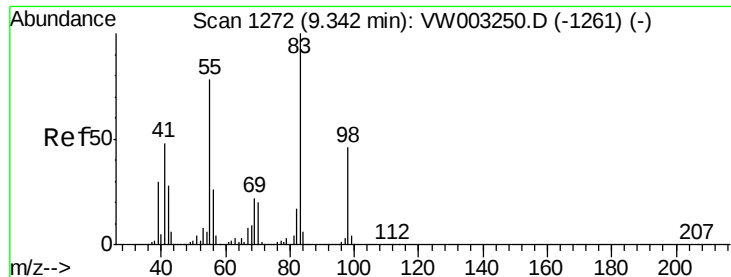


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

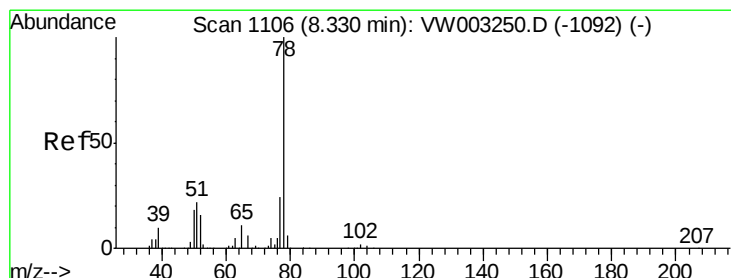
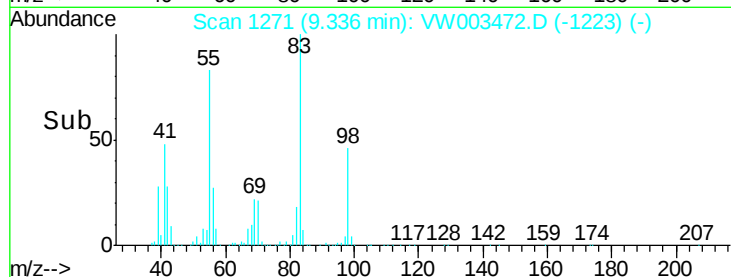
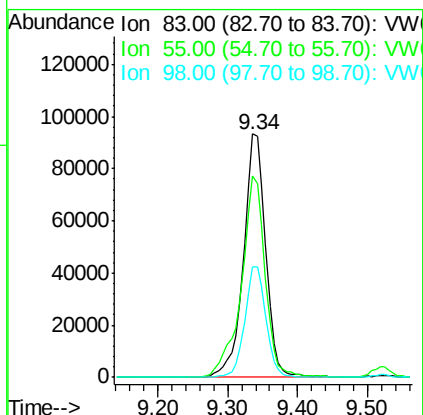
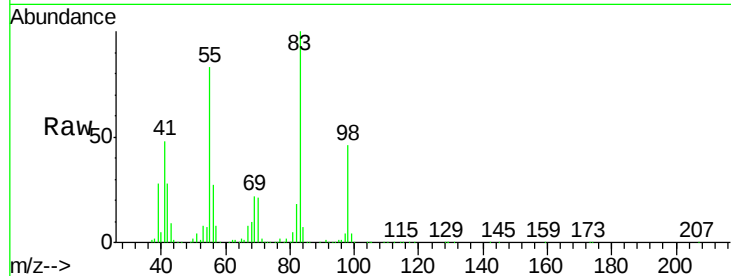




#39
Methylcyclohexane
Concen: 60.844 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

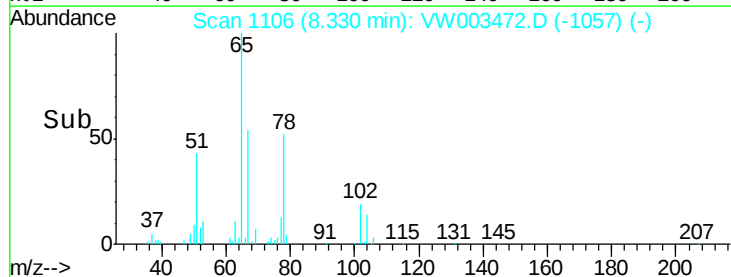
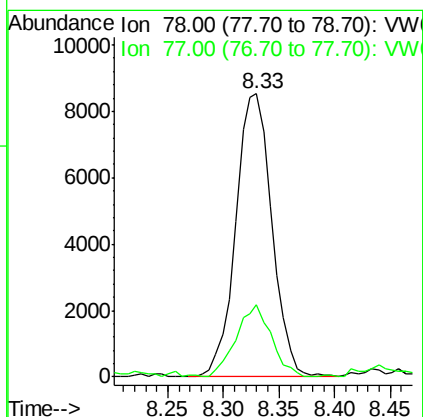
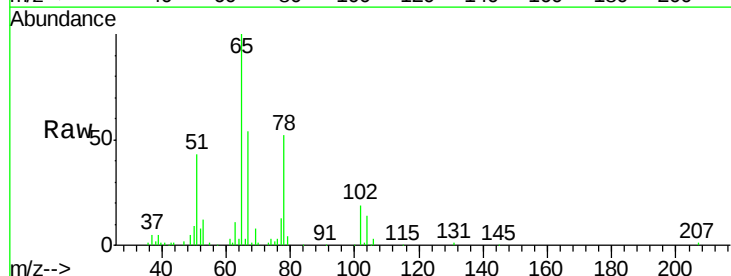
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-25-27-180619

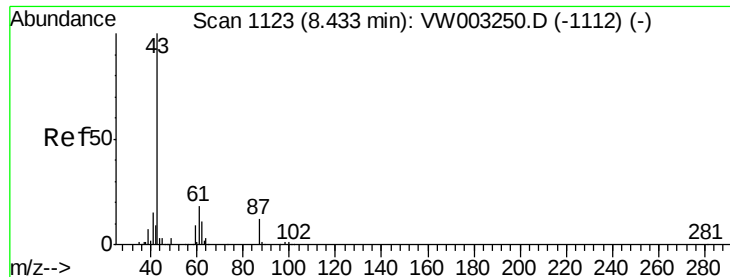
Tgt Ion: 83 Resp: 206090
Ion Ratio Lower Upper
83 100
55 82.8 62.6 93.8
98 45.5 37.0 55.4



#40
Benzene
Concen: 2.379 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

Tgt Ion: 78 Resp: 19198
Ion Ratio Lower Upper
78 100
77 25.3 19.0 28.6





#43

Isopropyl Acetate

Concen: 2.121 ug/l

RT: 8.42 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

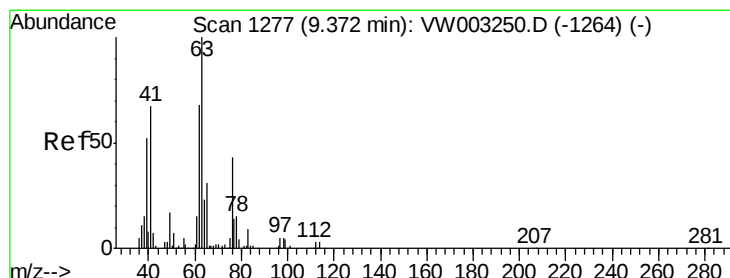
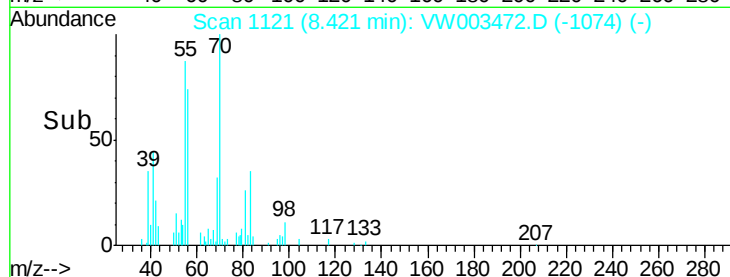
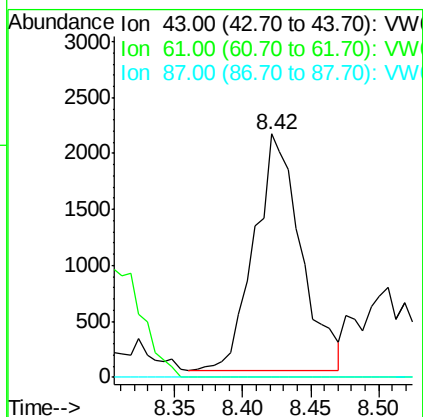
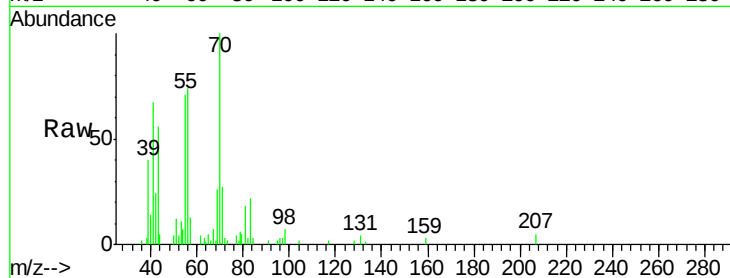
Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-25-27-180619

Tgt Ion:	43	Resp:	5107
Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.1	34.7#
87	0.0	9.8	14.6#



#45

1,2-Dichloropropane

Concen: 1.386 ug/l

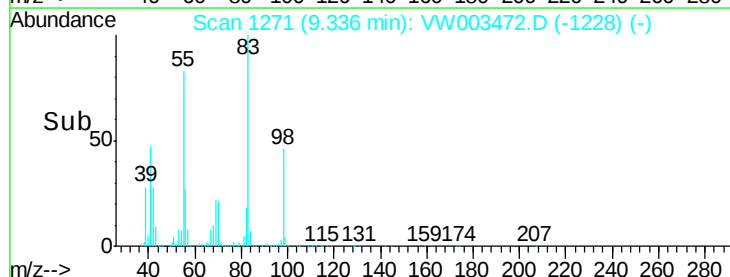
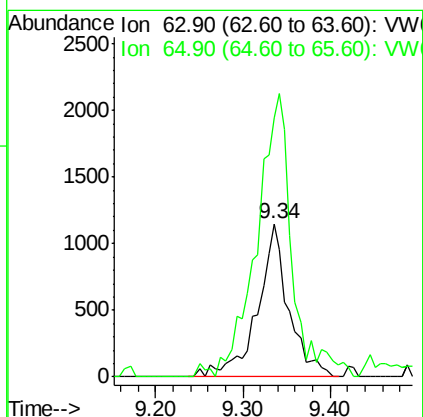
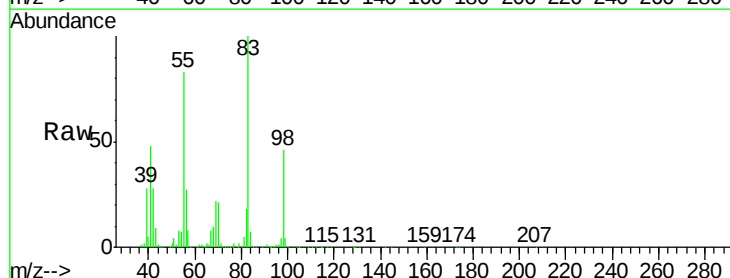
RT: 9.34 min Scan# 1271

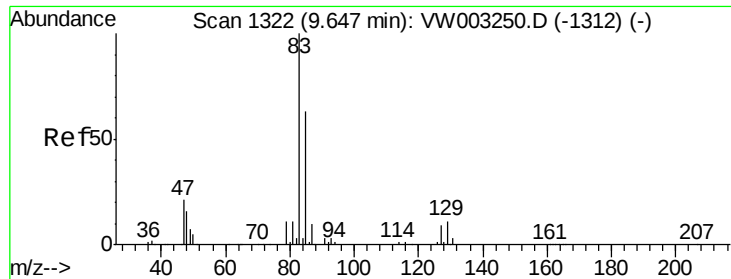
Delta R.T. -0.04 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Tgt Ion:	63	Resp:	2848
Ion	Ratio	Lower	Upper
63	100		
65	169.3	25.1	37.7#





#47

Bromodichloromethane

Concen: 1.473 ug/l

RT: 9.75 min Scan# 1339

Delta R.T. 0.10 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-25-27-180619

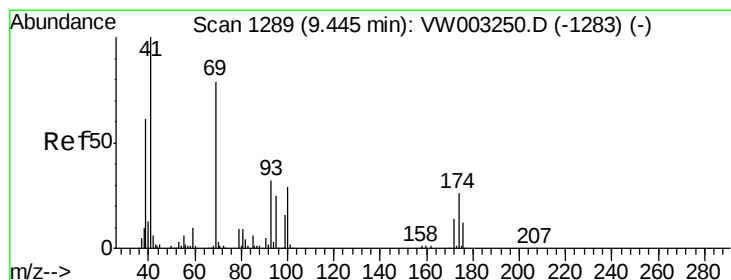
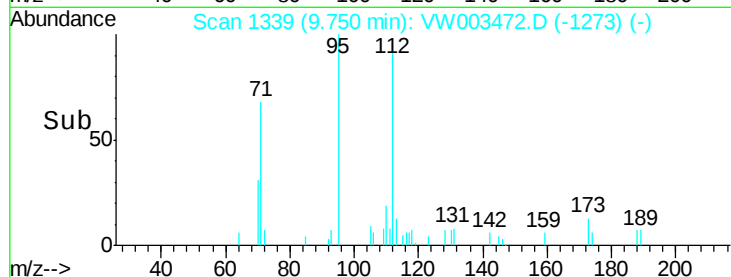
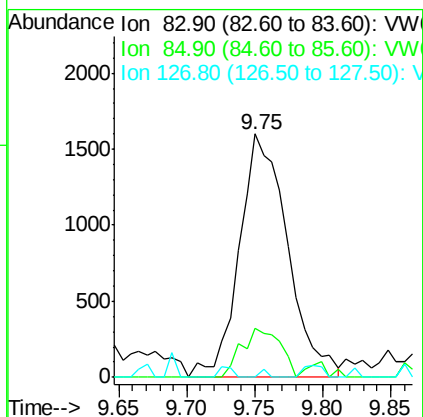
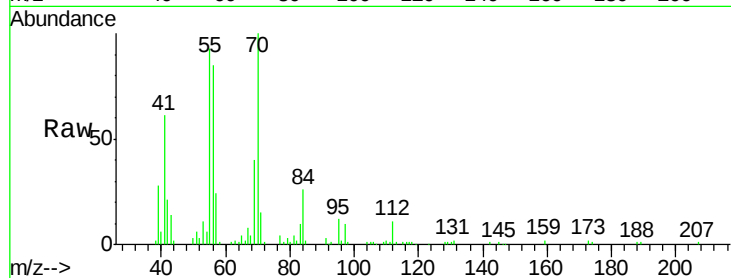
Tgt Ion: 83 Resp: 3971

Ion Ratio Lower Upper

83 100

85 20.1 50.6 75.8#

127 0.0 6.8 10.2#



#48

Methyl methacrylate

Concen: 8.846 ug/l

RT: 9.52 min Scan# 1302

Delta R.T. 0.08 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

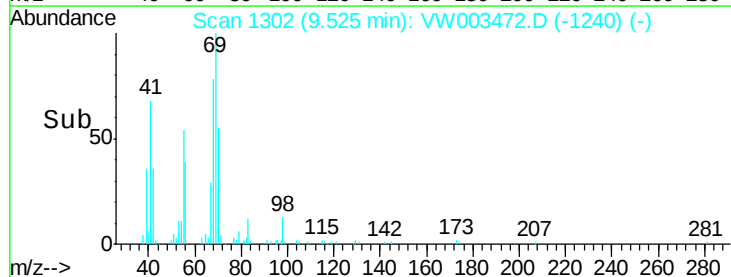
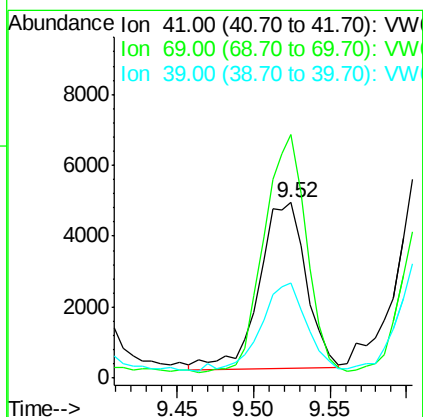
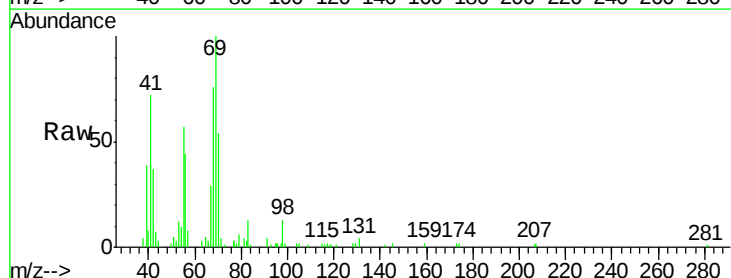
Tgt Ion: 41 Resp: 10011

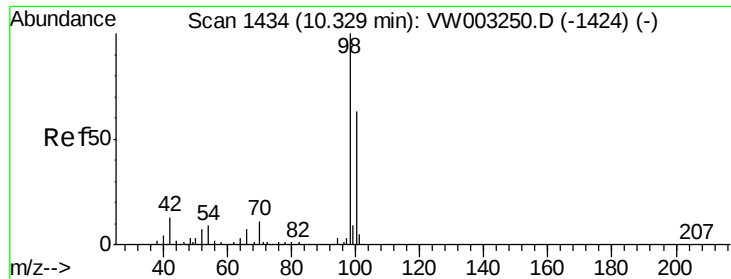
Ion Ratio Lower Upper

41 100

69 130.5 65.4 98.2#

39 54.5 54.2 81.2





#50

Toluene-d8

Concen: 38.860 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

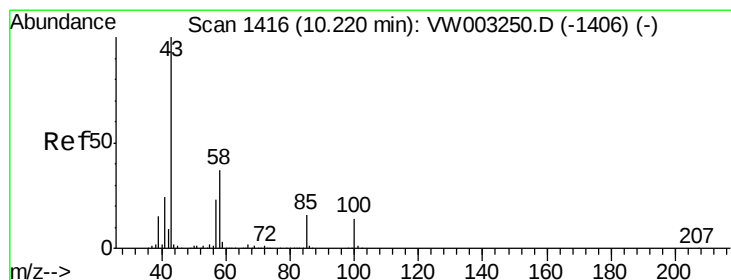
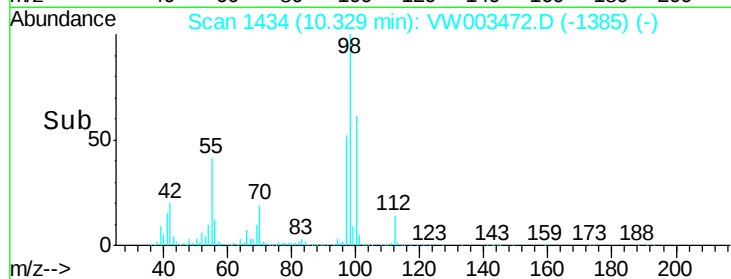
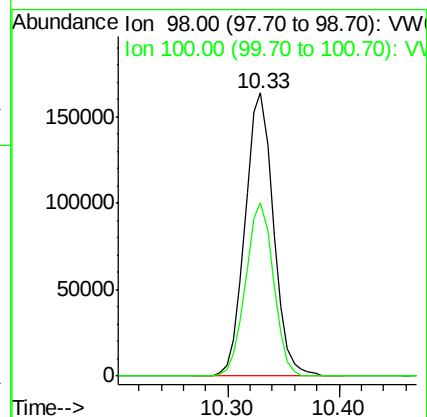
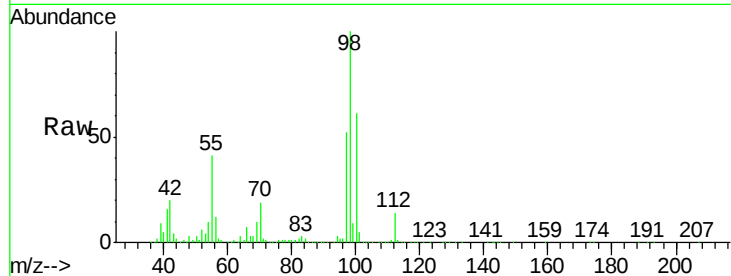
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Tgt Ion: 98 Resp: 290228

Ion Ratio Lower Upper

98 100

100 60.0 50.8 76.2



#51

4-Methyl-2-Pentanone

Concen: 12.133 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. 0.10 min

Lab File: VW003472.D

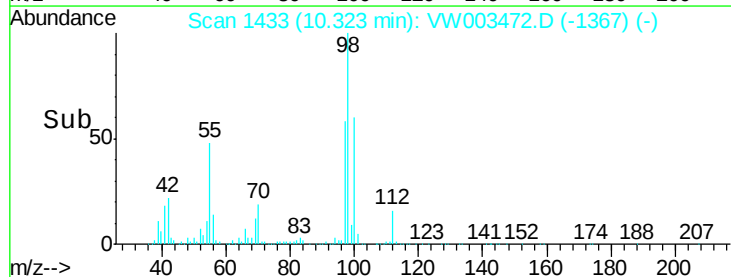
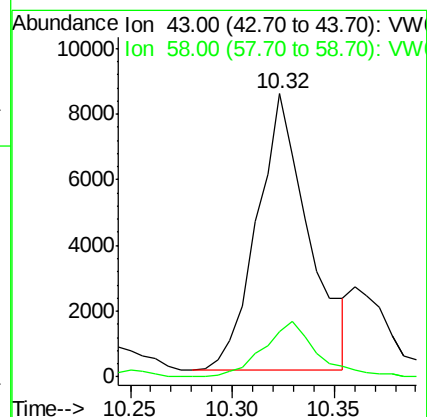
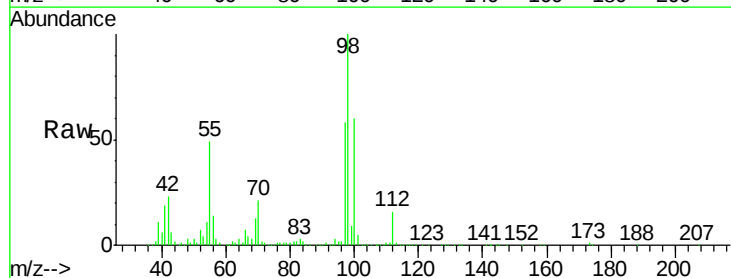
Acq: 23 Jun 2018 20:20

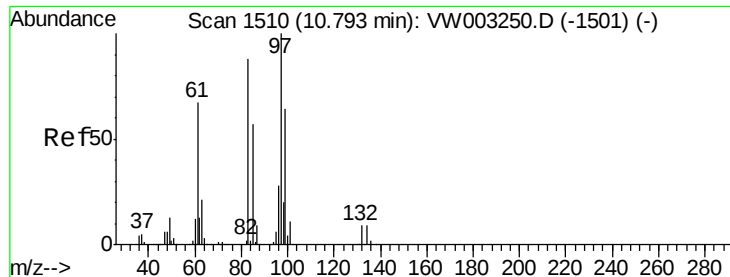
Tgt Ion: 43 Resp: 14887

Ion Ratio Lower Upper

43 100

58 20.7 29.0 43.4#





#55

1,1,2-Trichloroethane

Concen: 32.244 ug/l

RT: 10.77 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 97 Resp: 47792

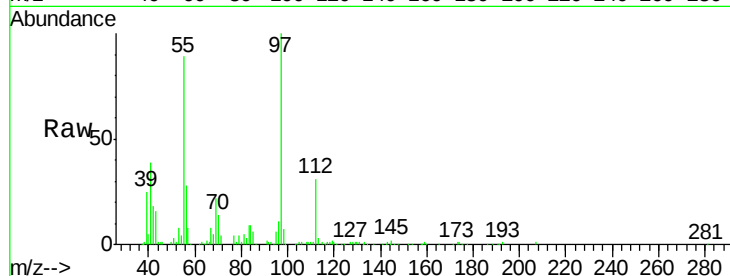
Ion Ratio Lower Upper

97 100

83 7.7 70.2 105.2#

85 5.7 45.6 68.4#

99 0.3 51.2 76.8#

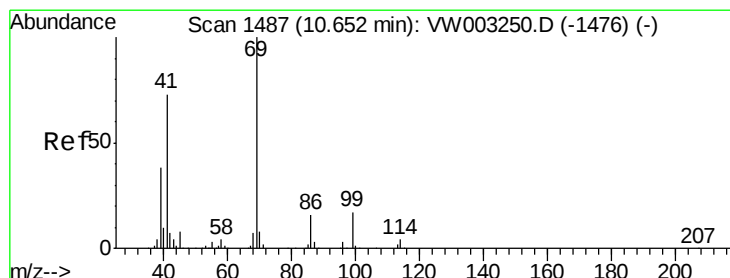
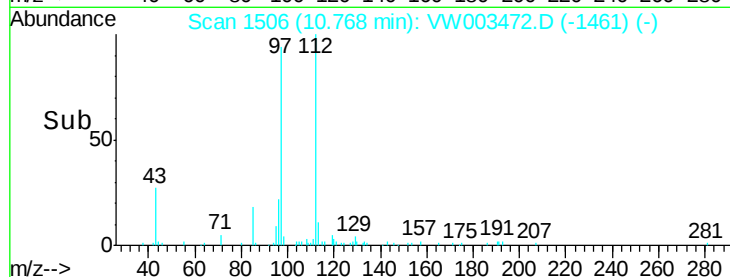
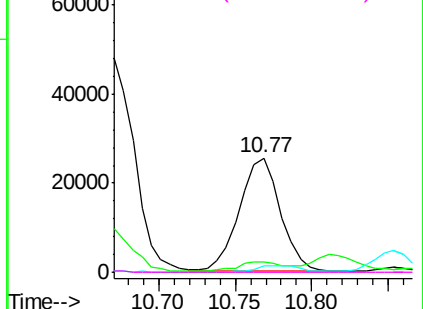


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 14.296 ug/l

RT: 10.67 min Scan# 1490

Delta R.T. 0.02 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

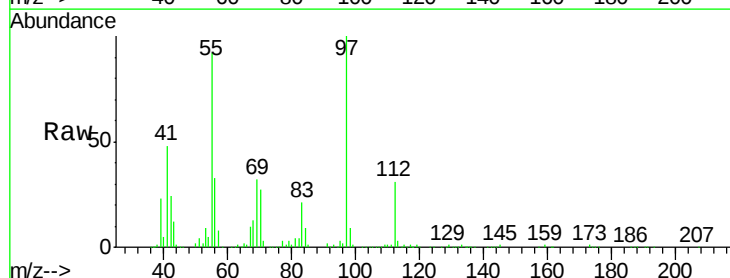
Tgt Ion: 69 Resp: 25732

Ion Ratio Lower Upper

69 100

41 161.2 57.8 86.6#

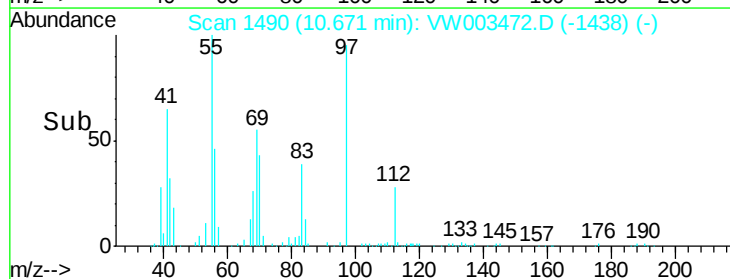
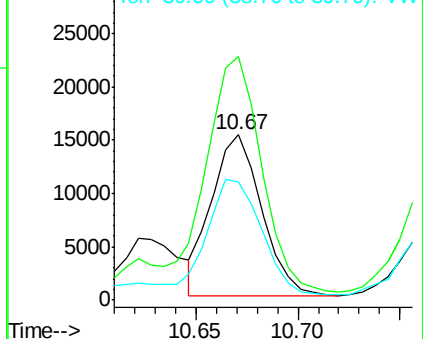
39 79.0 32.7 49.1#

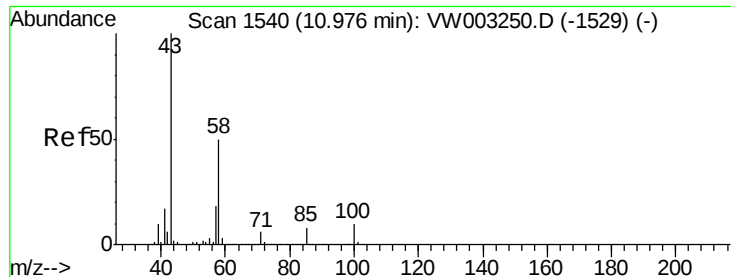


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

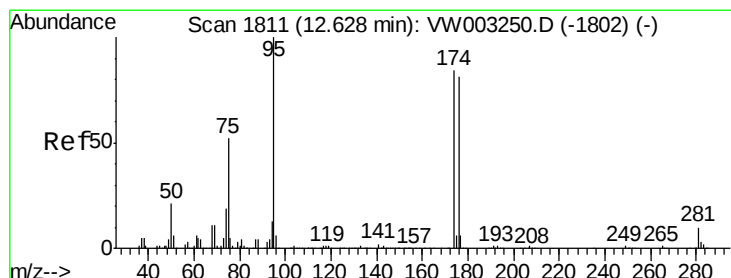
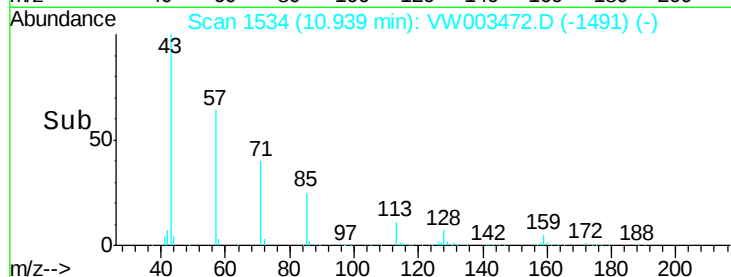
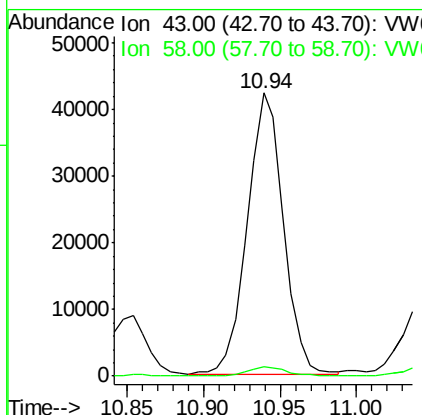
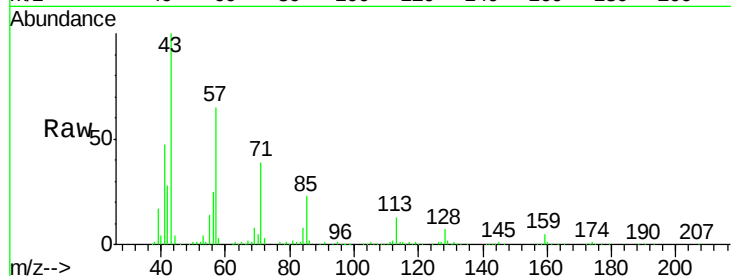




#59
2-Hexanone
Concen: 80.229 ug/l
RT: 10.94 min Scan# 1534
Delta R.T. -0.04 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

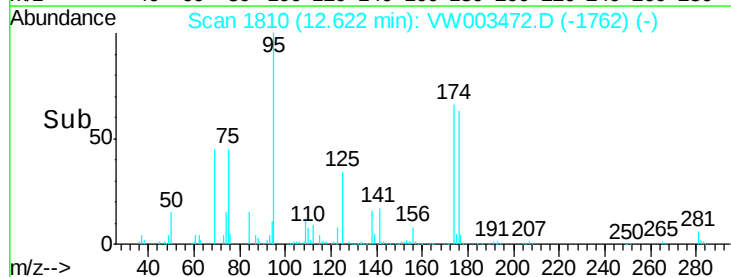
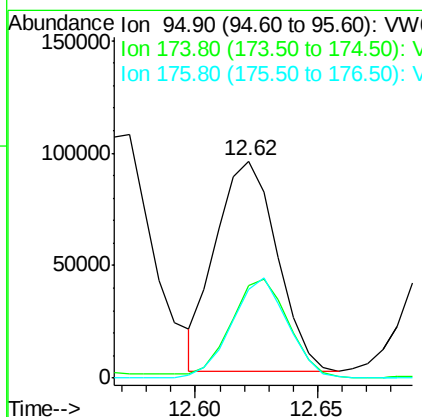
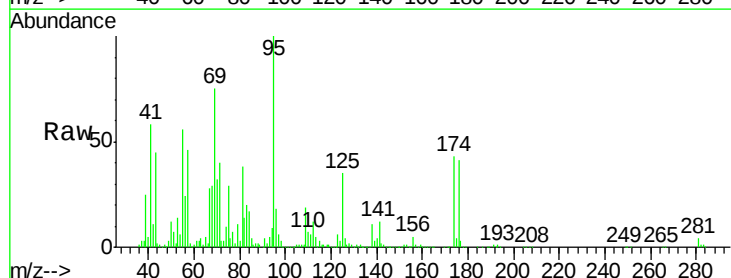
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-25-27-180619

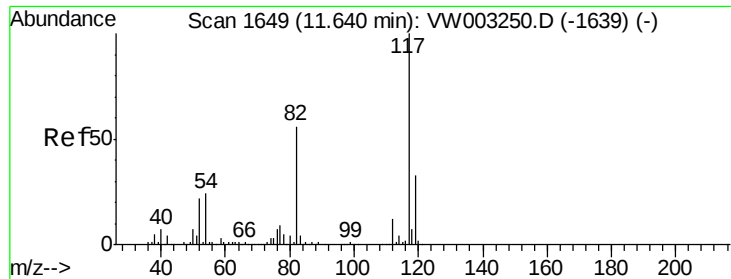
Tgt Ion: 43 Resp: 68771
Ion Ratio Lower Upper
43 100
58 3.6 25.0 75.0#



#62
4-Bromofluorobenzene
Concen: 61.558 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

Tgt Ion: 95 Resp: 162701
Ion Ratio Lower Upper
95 100
174 43.8 0.0 166.4
176 43.4 0.0 162.0

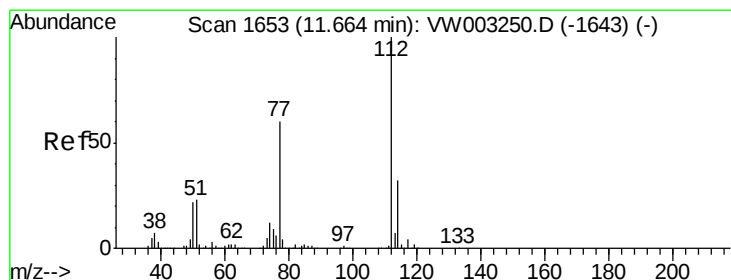
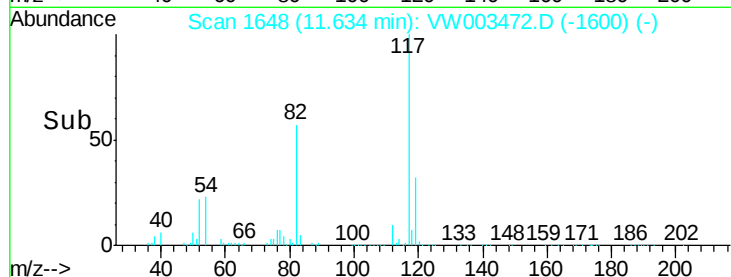
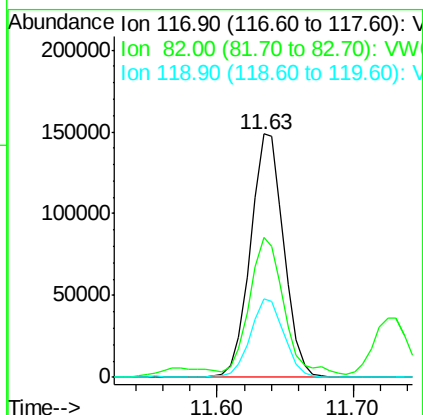
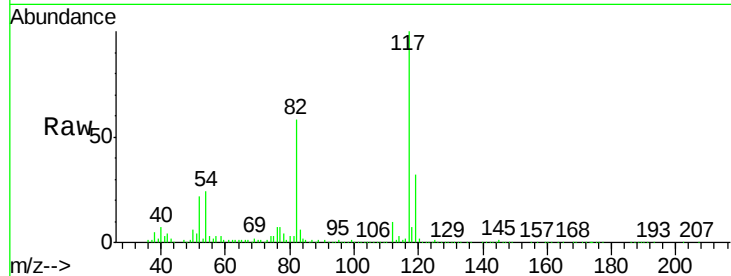




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

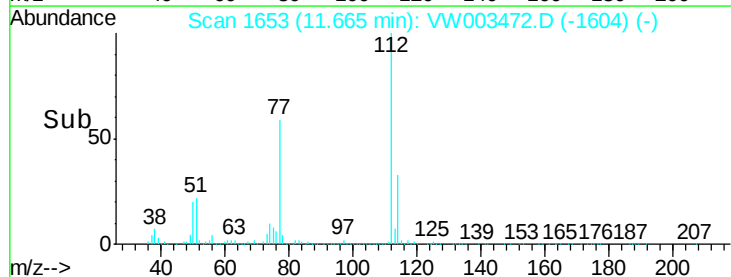
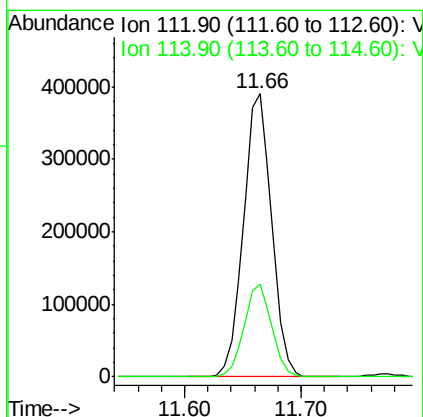
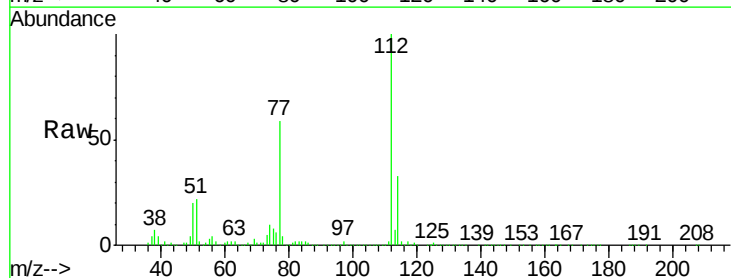
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-25-27-180619

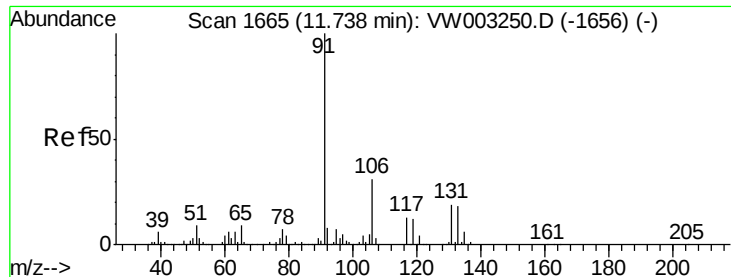
Tgt Ion:117 Resp: 253052
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 32.0 26.7 40.1



#65
Chlorobenzene
Concen: 124.505 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

Tgt Ion:112 Resp: 656089
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9

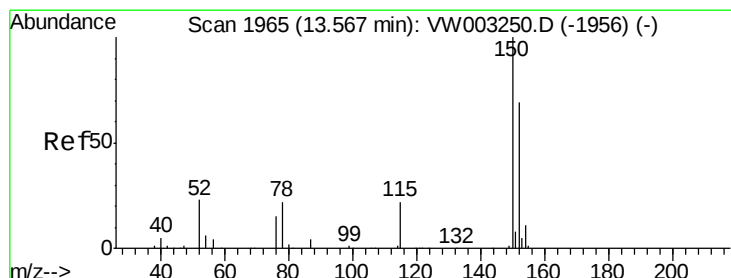
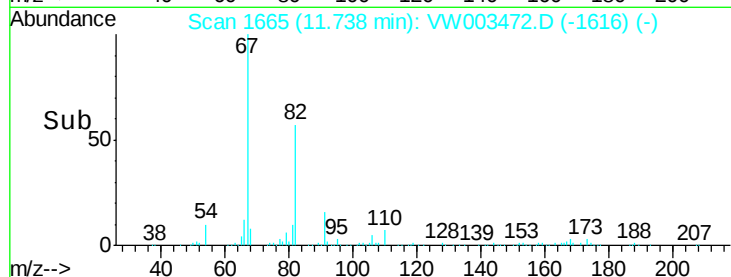
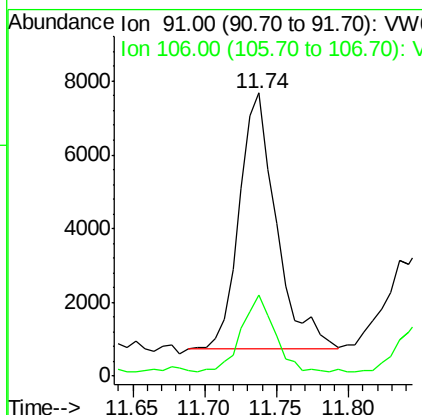
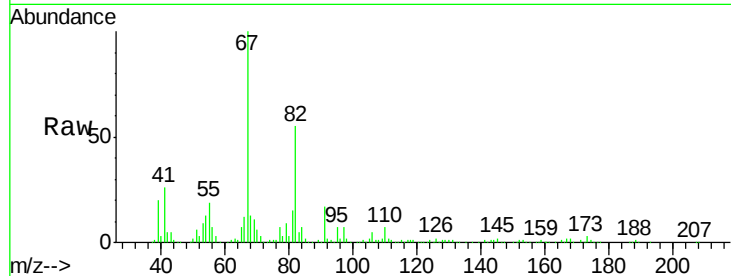




#67
Ethyl Benzene
Concen: 1.317 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

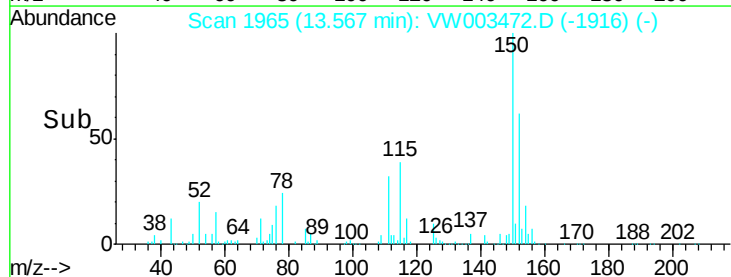
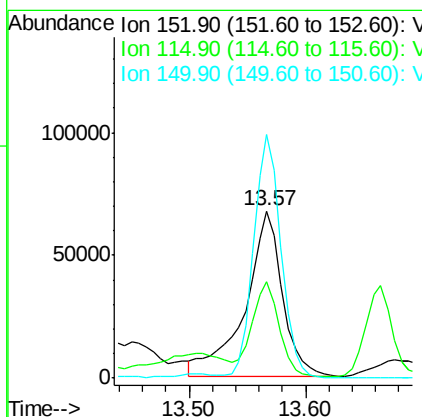
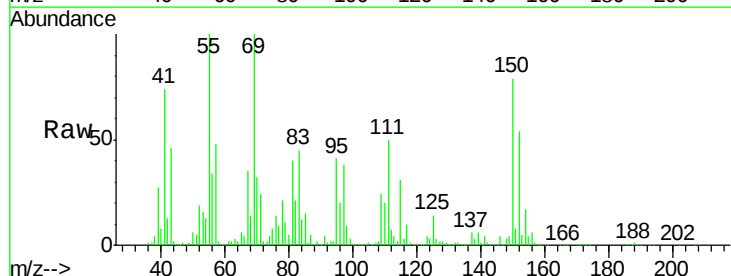
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-25-27-180619

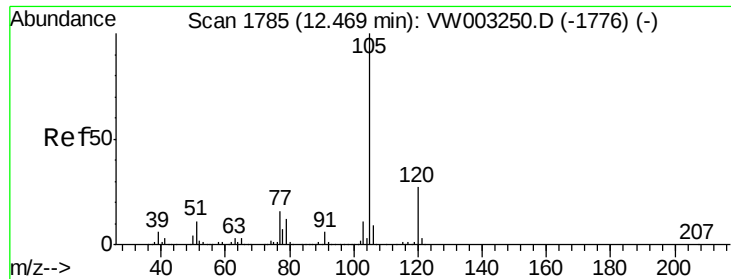
Tgt Ion: 91 Resp: 12298
Ion Ratio Lower Upper
91 100
106 29.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

Tgt Ion: 152 Resp: 150329
Ion Ratio Lower Upper
152 100
115 42.4 29.3 88.0
150 107.3 0.0 349.6





#73

Isopropylbenzene

Concen: 4.261 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

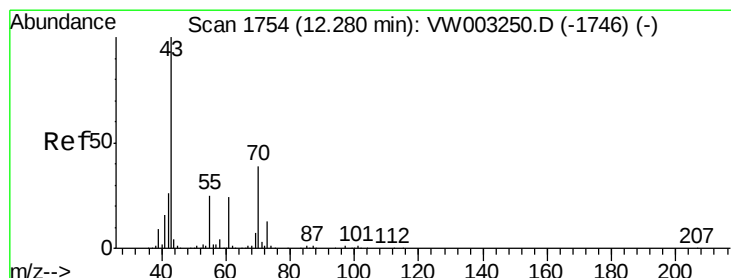
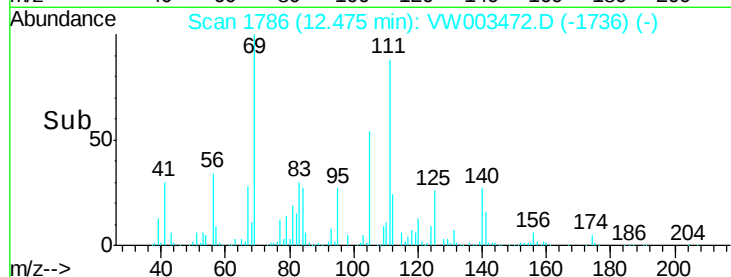
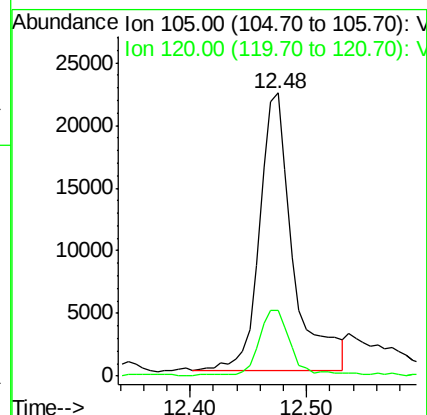
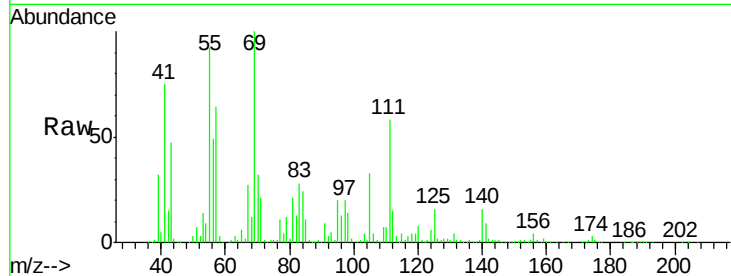
WP021SB485-25-27-180619

Tgt Ion:105 Resp: 44556

Ion Ratio Lower Upper

105 100

120 20.9 13.2 39.6



#74

N-ethyl acetate

Concen: 141.370 ug/l

RT: 12.26 min Scan# 1751

Delta R.T. -0.02 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Tgt Ion: 43 Resp: 336447

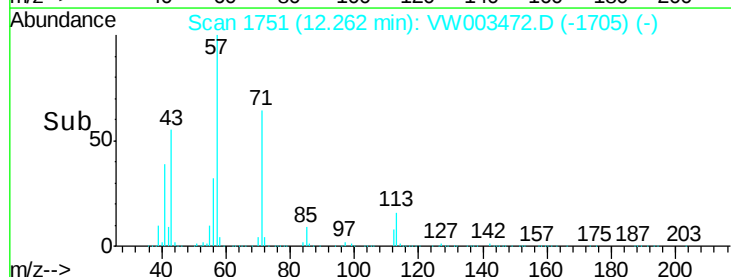
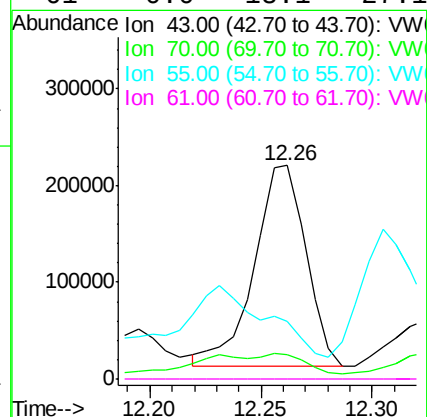
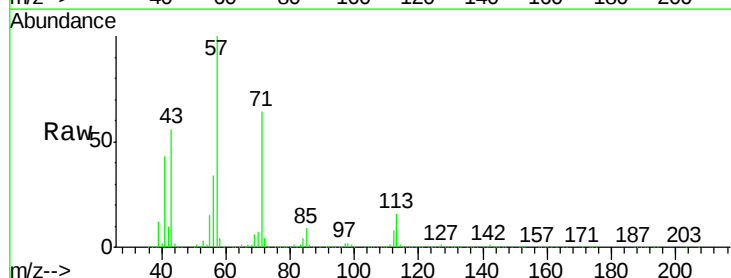
Ion Ratio Lower Upper

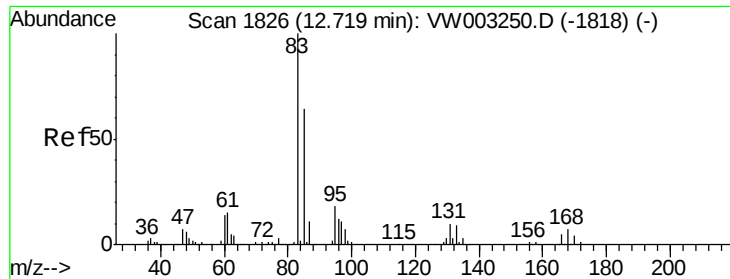
43 100

70 0.0 31.0 46.6#

55 0.0 19.7 29.5#

61 0.0 18.1 27.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 39.566 ug/l

RT: 12.70 min Scan# 1823

Delta R.T. -0.02 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-25-27-180619

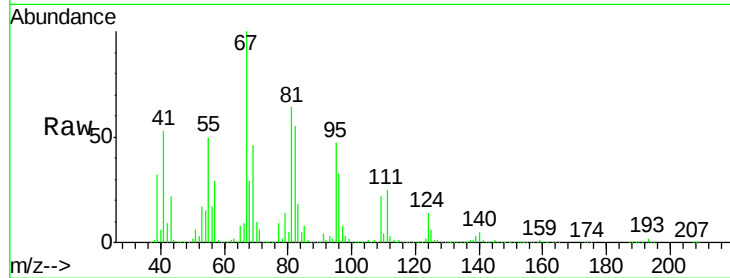
Tgt Ion: 83 Resp: 69989

Ion Ratio Lower Upper

83 100

131 1.7 5.4 16.2#

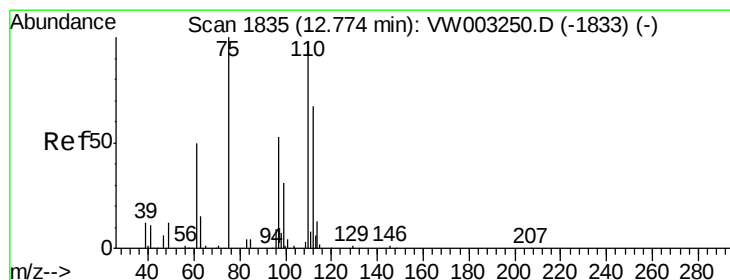
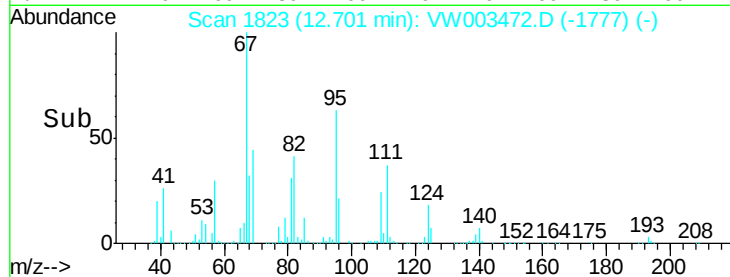
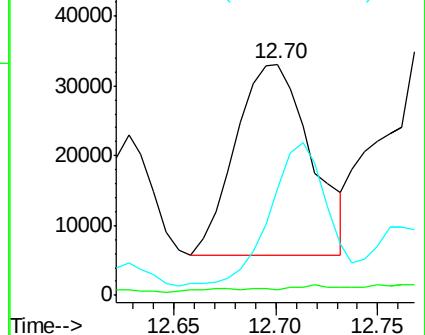
85 58.4 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 35.946 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003472.D

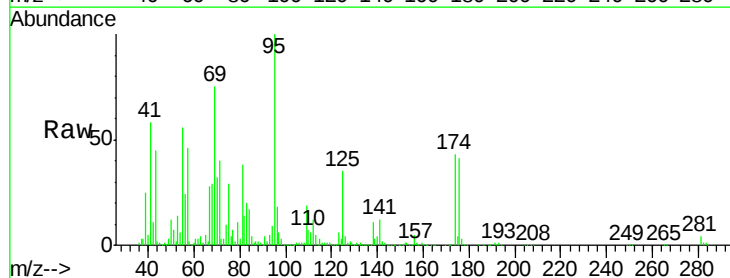
Acq: 23 Jun 2018 20:20

Tgt Ion: 75 Resp: 46196

Ion Ratio Lower Upper

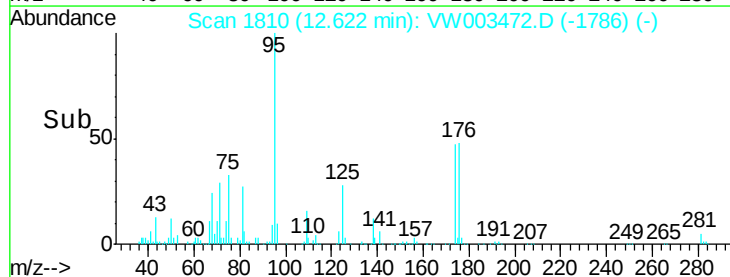
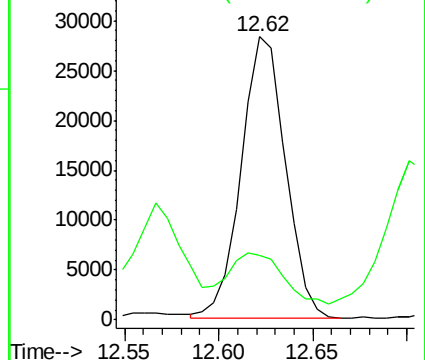
75 100

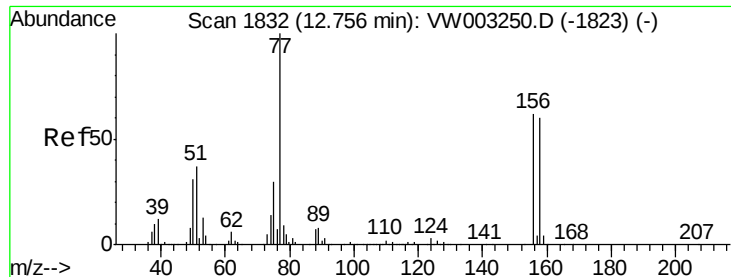
77 21.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

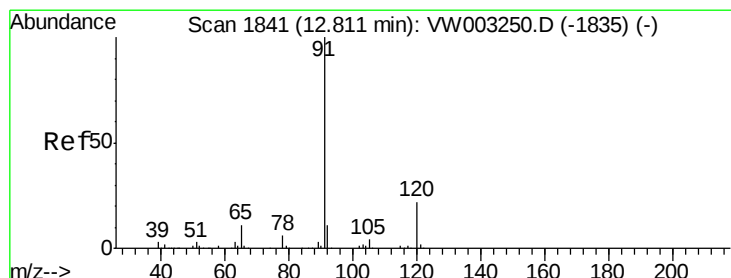
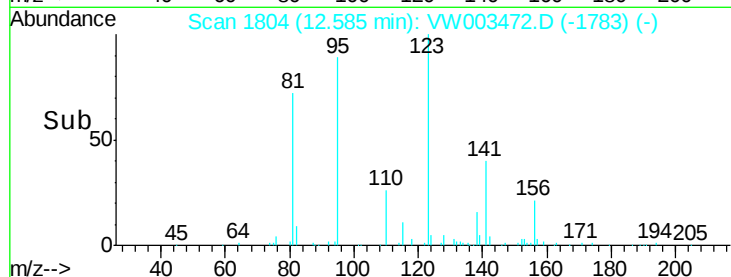
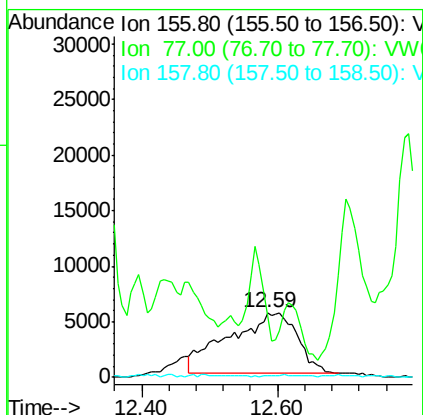
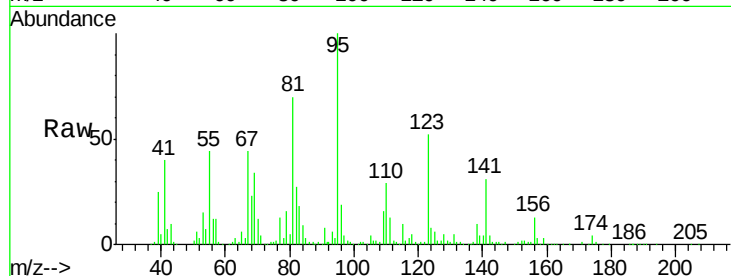




#77
Bromobenzene
Concen: 15.773 ug/l
RT: 12.59 min Scan# 1804
Delta R.T. -0.17 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

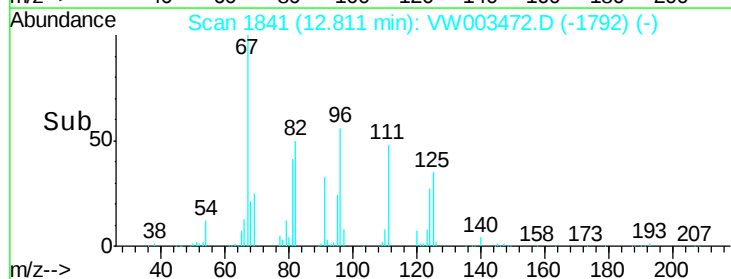
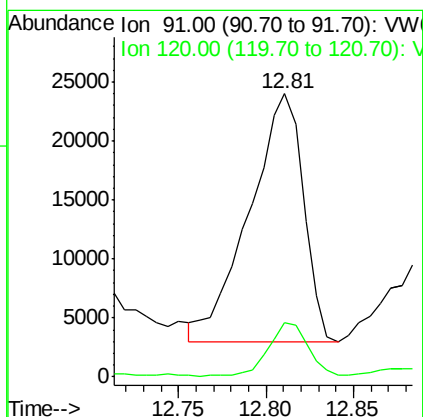
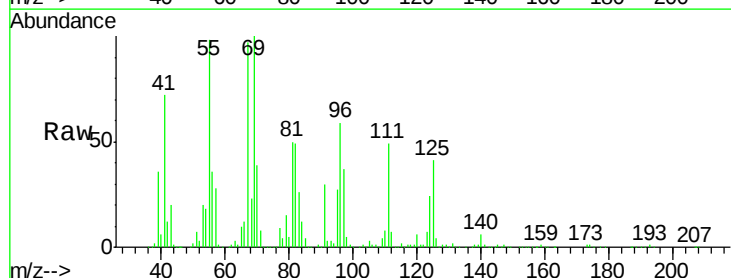
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-25-27-180619

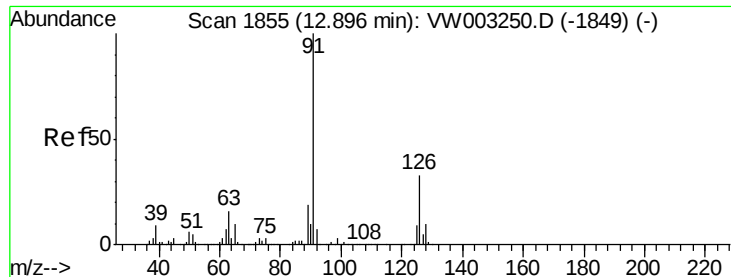
Tgt Ion:156 Resp: 38409
Ion Ratio Lower Upper
156 100
77 31.4 92.3 276.9#
158 0.0 47.5 142.6#



#78
n-propylbenzene
Concen: 3.534 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

Tgt Ion: 91 Resp: 45242
Ion Ratio Lower Upper
91 100
120 15.6 11.3 33.8





#79

2-Chlorotoluene

Concen: 2.927 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

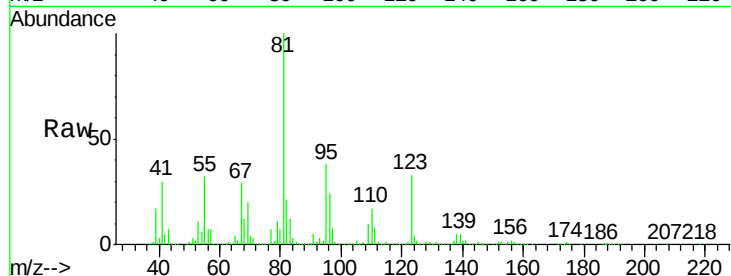
WP021SB485-25-27-180619

Tgt Ion: 91 Resp: 21179

Ion Ratio Lower Upper

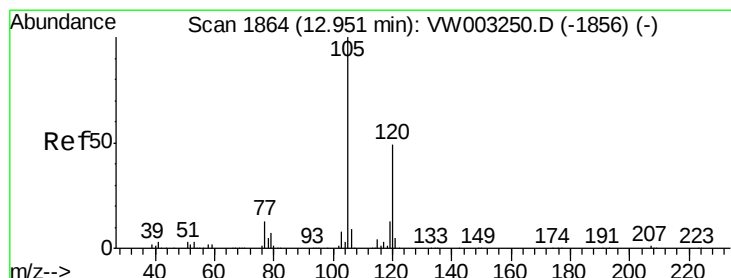
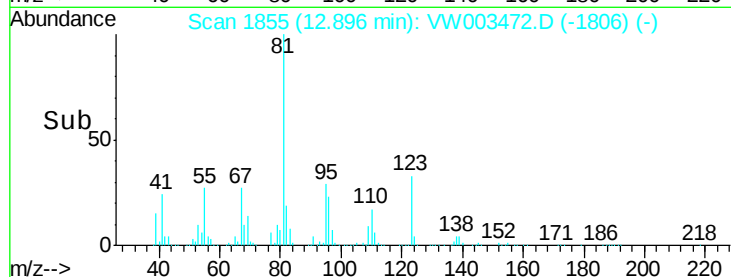
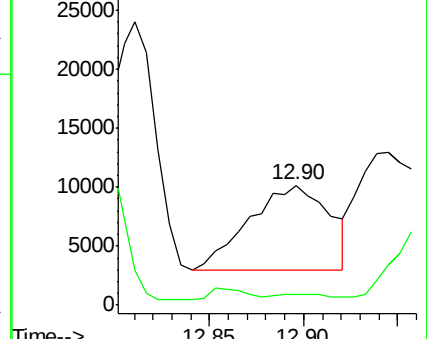
91 100

126 0.0 16.8 50.4#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.799 ug/l

RT: 13.11 min Scan# 1890

Delta R.T. 0.16 min

Lab File: VW003472.D

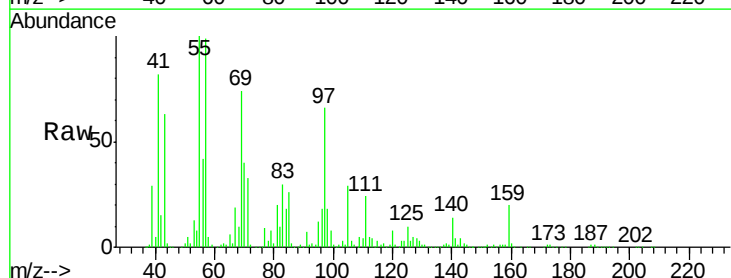
Acq: 23 Jun 2018 20:20

Tgt Ion: 105 Resp: 50895

Ion Ratio Lower Upper

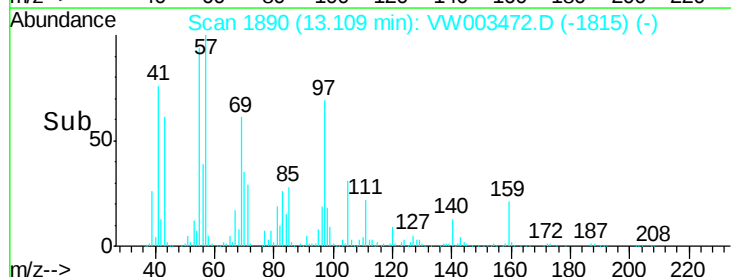
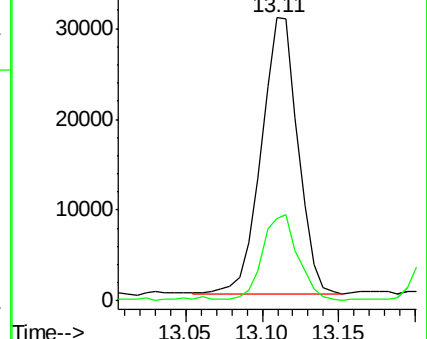
105 100

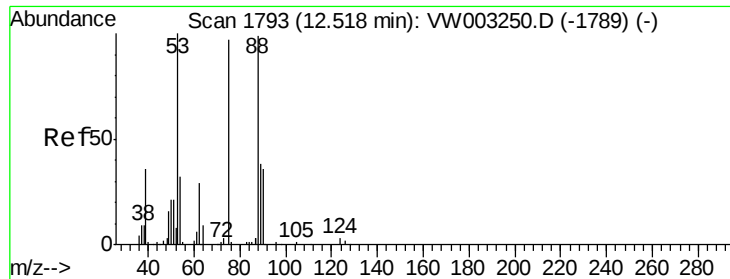
120 29.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 82.714 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-25-27-180619

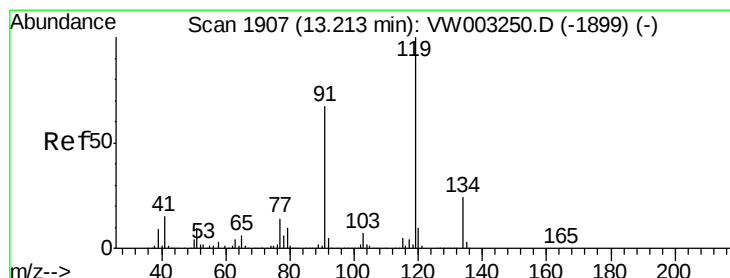
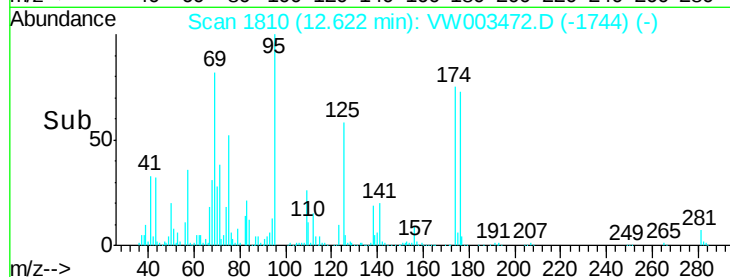
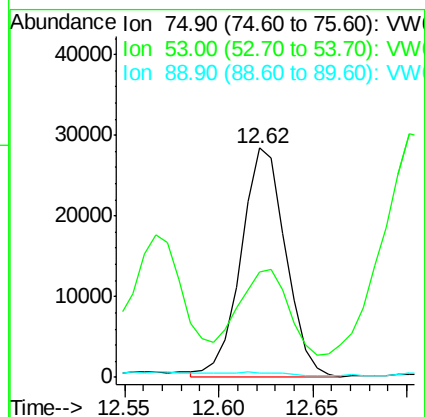
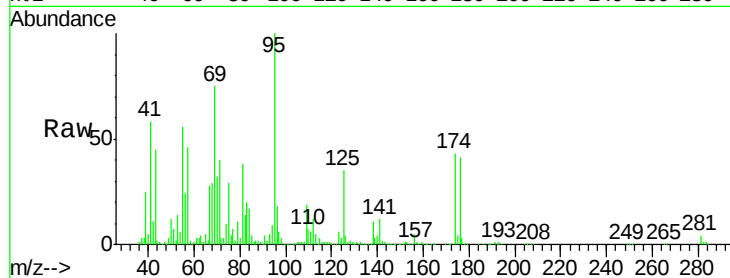
Tgt Ion: 75 Resp: 46196

Ion Ratio Lower Upper

75 100

53 41.0 82.9 124.3#

89 0.0 36.7 55.1#



#83

tert-Butylbenzene

Concen: 17.859 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

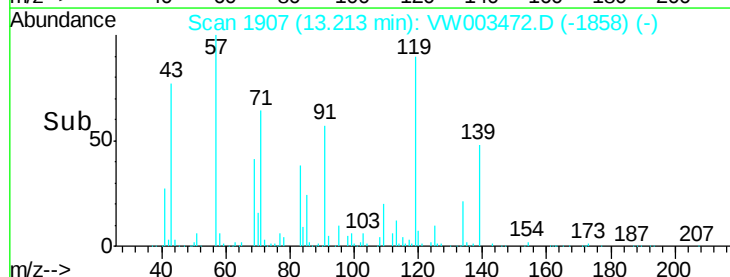
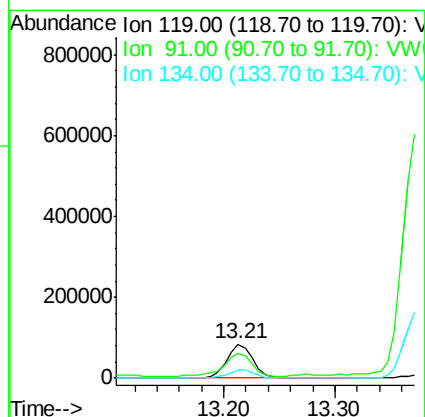
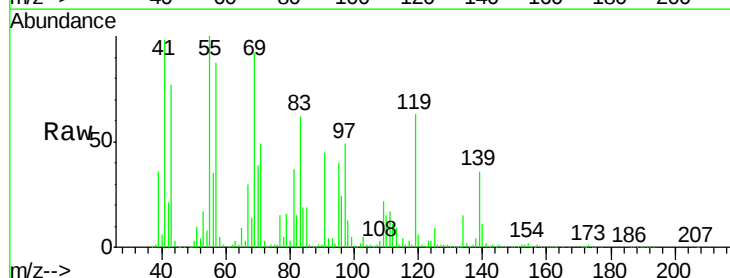
Tgt Ion: 119 Resp: 133580

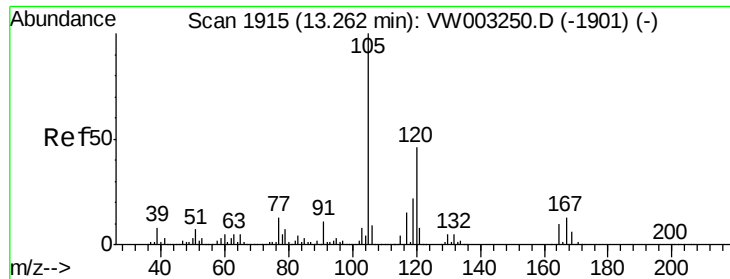
Ion Ratio Lower Upper

119 100

91 77.3 33.9 101.7

134 23.8 13.4 40.1

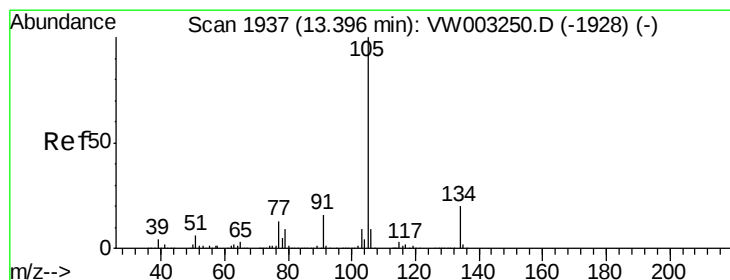
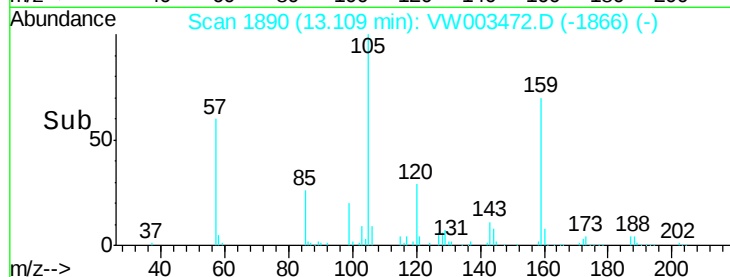
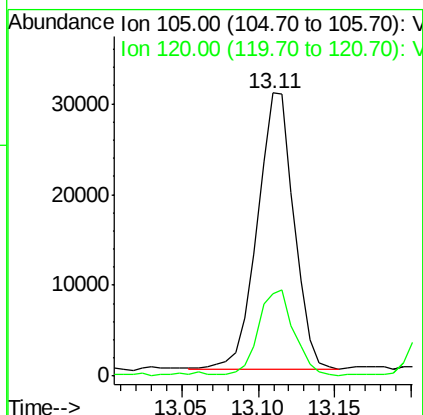
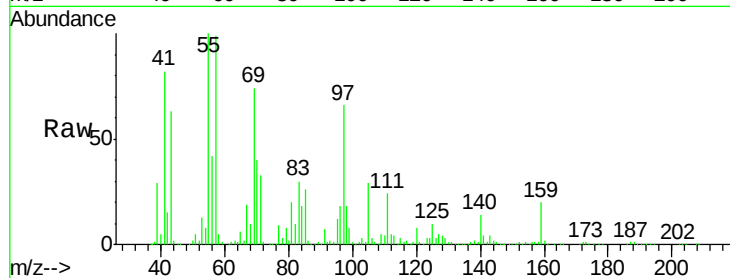




#84
1,2,4-Trimethylbenzene
Concen: 5.637 ug/l
RT: 13.11 min Scan# 1890
Delta R.T. -0.15 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

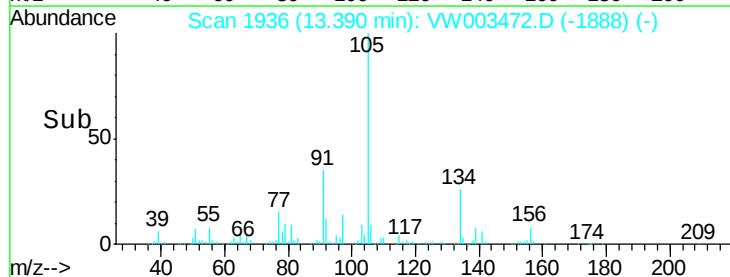
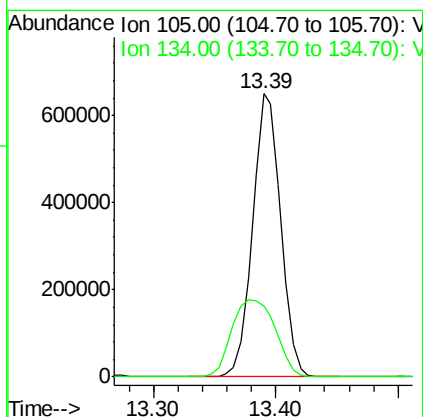
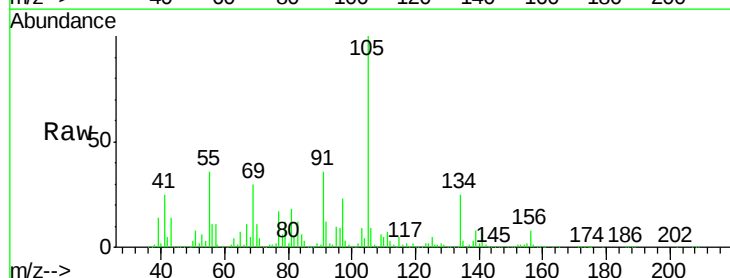
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-25-27-180619

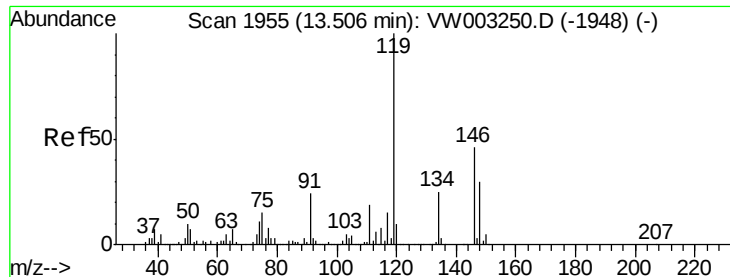
Tgt Ion:105 Resp: 50895
Ion Ratio Lower Upper
105 100
120 30.2 22.5 67.5



#85
sec-Butylbenzene
Concen: 93.006 ug/l
RT: 13.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

Tgt Ion:105 Resp: 1033992
Ion Ratio Lower Upper
105 100
134 42.4 9.8 29.5#

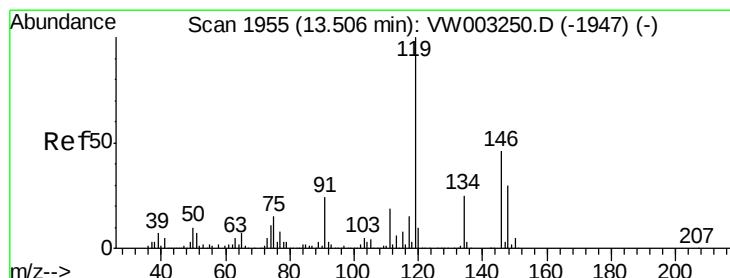
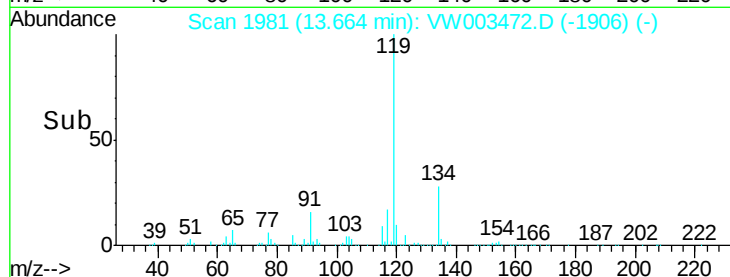
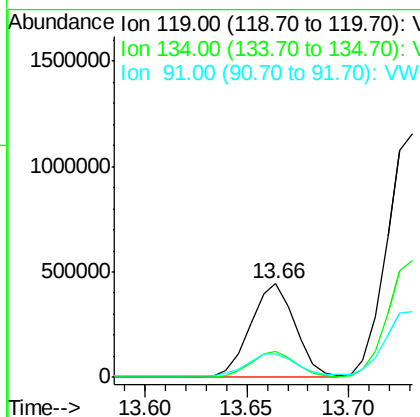
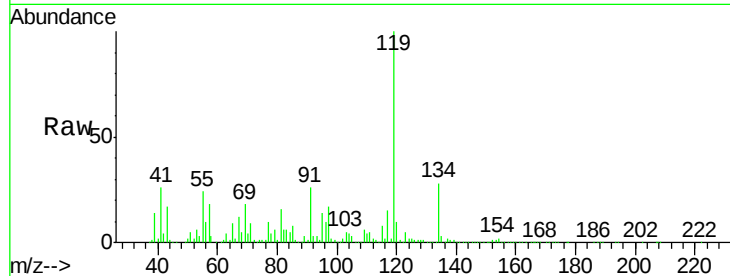




#86
p-Isopropyltoluene
Concen: 68.926 ug/l
RT: 13.66 min Scan# 1981
Delta R.T. 0.16 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

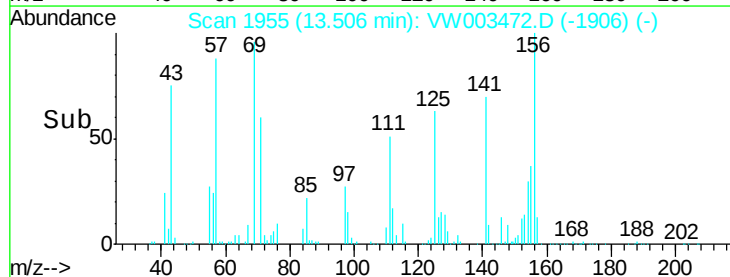
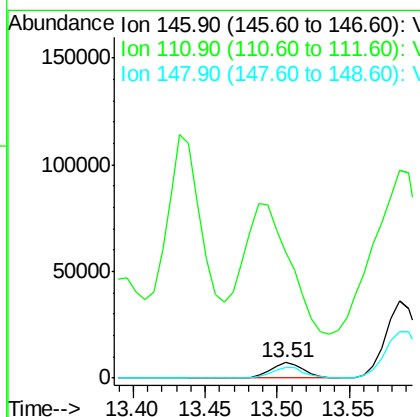
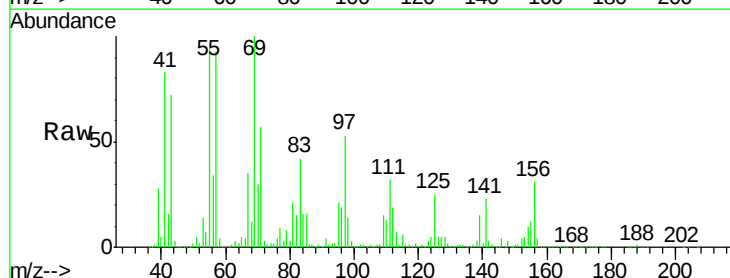
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-25-27-180619

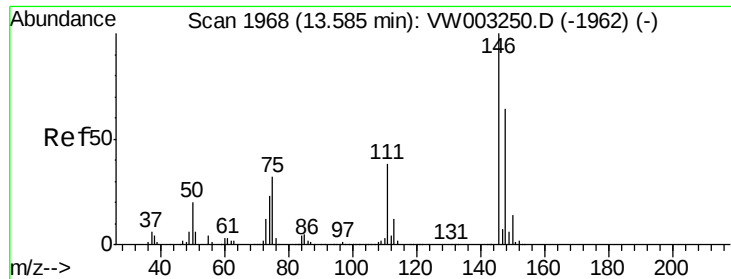
Tgt Ion:119 Resp: 675861
Ion Ratio Lower Upper
119 100
134 27.7 12.9 38.7
91 27.0 11.8 35.3



#87
1,3-Dichlorobenzene
Concen: 2.420 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW003472.D
Acq: 23 Jun 2018 20:20

Tgt Ion:146 Resp: 12106
Ion Ratio Lower Upper
146 100
111 1111.2 19.8 59.4#
148 66.5 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 11.454 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

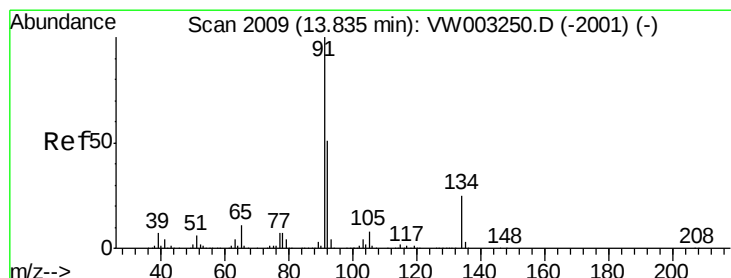
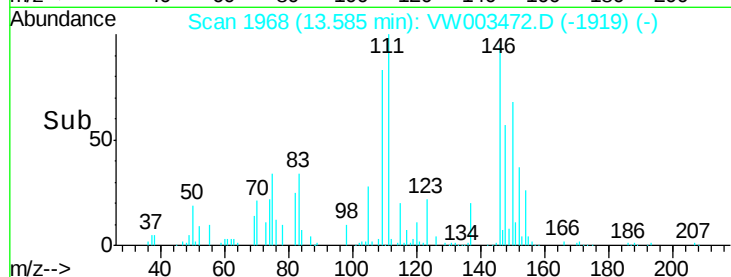
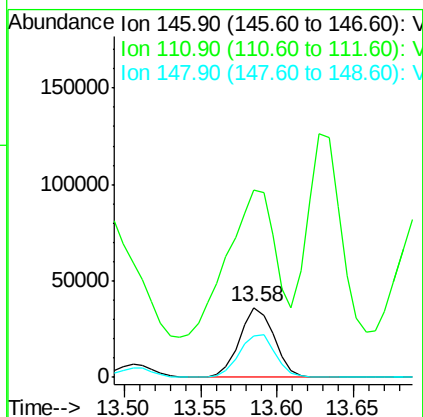
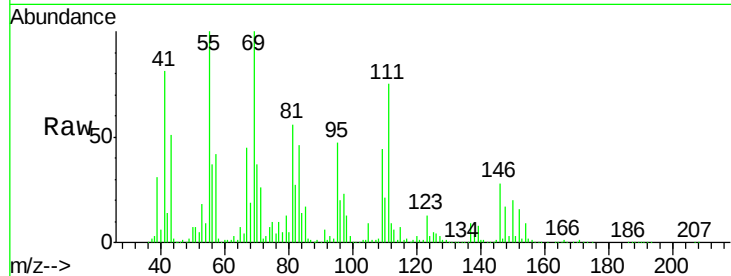
Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion:	146	Resp:	56964
Ion	Ratio	Lower	Upper
146	100		
111	296.6	19.2	57.6#
148	64.5	31.8	95.4



#89

n-Butylbenzene

Concen: 107.999 ug/l

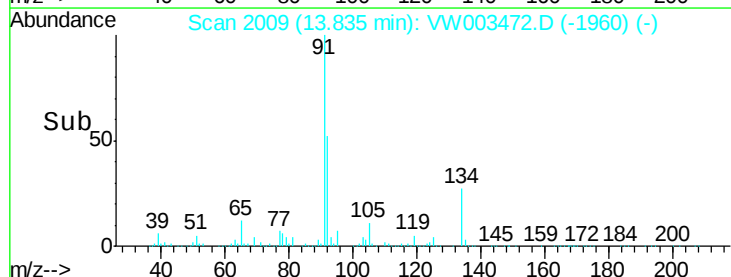
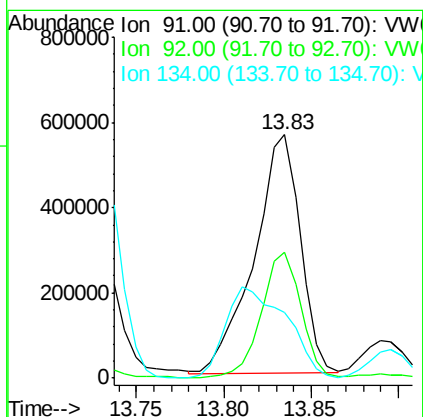
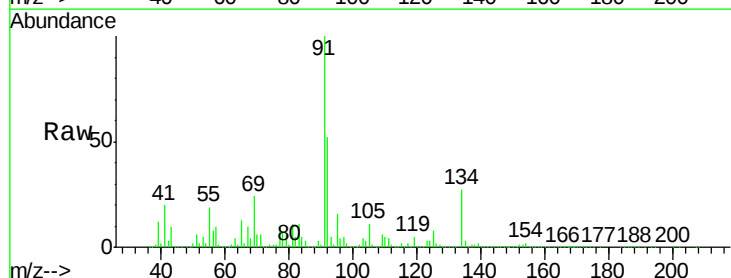
RT: 13.83 min Scan# 2009

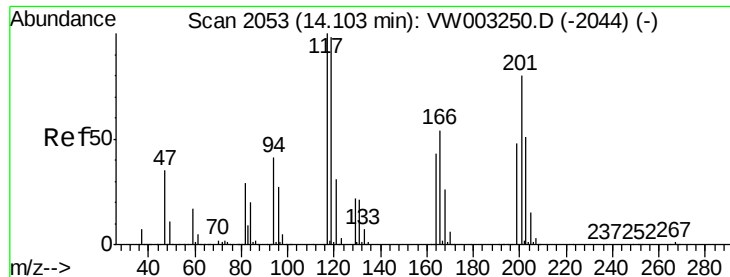
Delta R.T. 0.00 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Tgt Ion:	91	Resp:	1032266
Ion	Ratio	Lower	Upper
91	100		
92	44.5	26.0	78.0
134	0.0	12.7	38.0#





#90

Hexachloroethane

Concen: 393.167 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

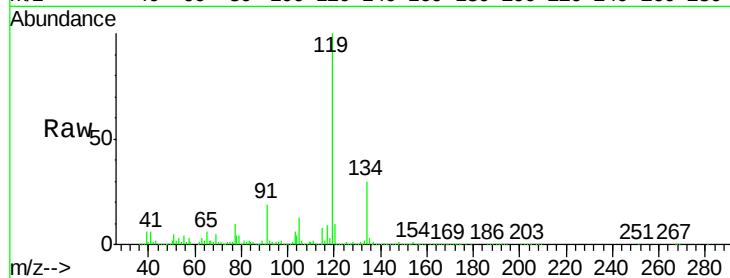
WP021SB485-25-27-180619

Tgt Ion:117 Resp: 697408

Ion Ratio Lower Upper

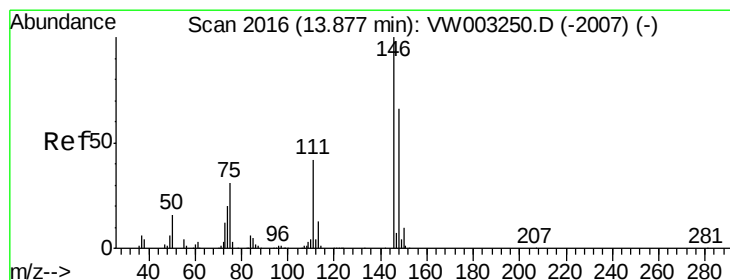
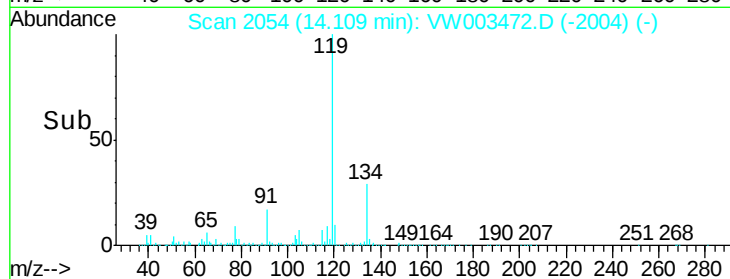
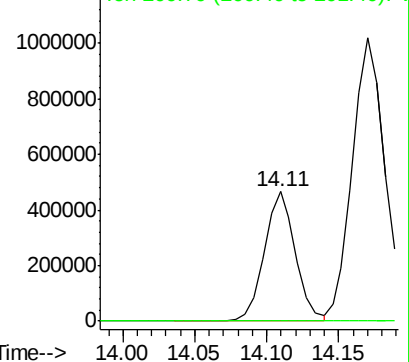
117 100

201 0.0 39.5 118.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 5.812 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

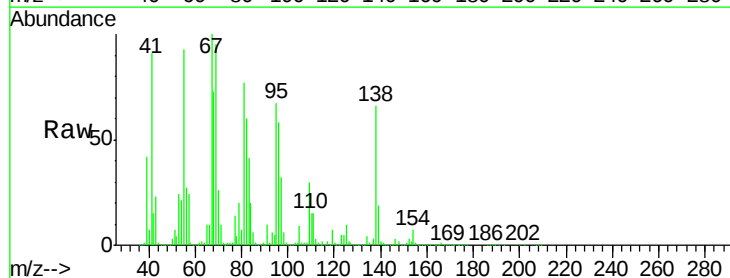
Tgt Ion:146 Resp: 25470

Ion Ratio Lower Upper

146 100

111 0.0 20.3 61.0#

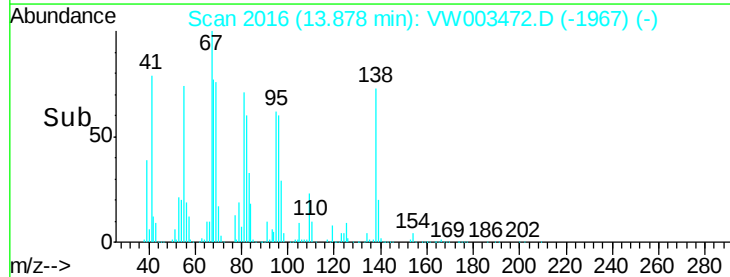
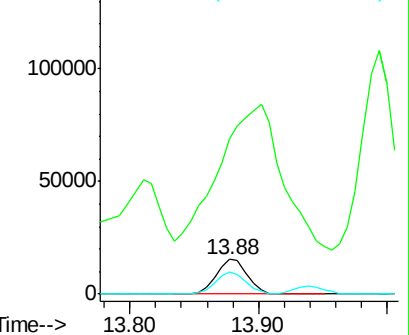
148 64.9 32.3 96.9

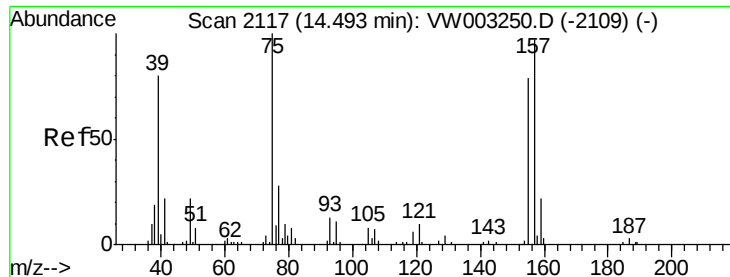


Abundance Ion 145.90 (145.60 to 146.60): V

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: 27.936 ug/l

RT: 14.51 min Scan# 2120

Delta R.T. 0.02 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-25-27-180619

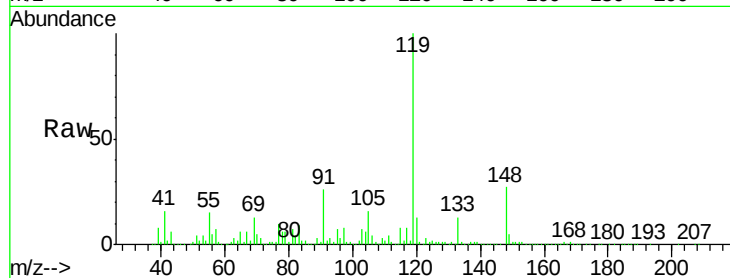
Tgt Ion: 75 Resp: 8316

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.2#

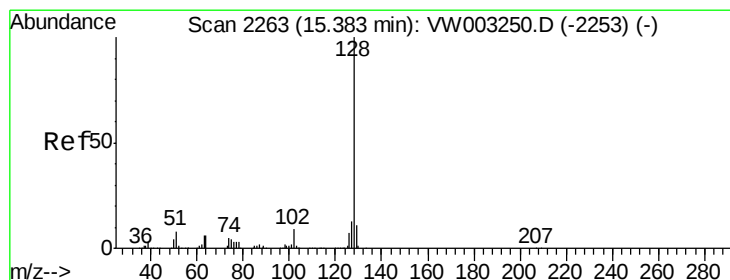
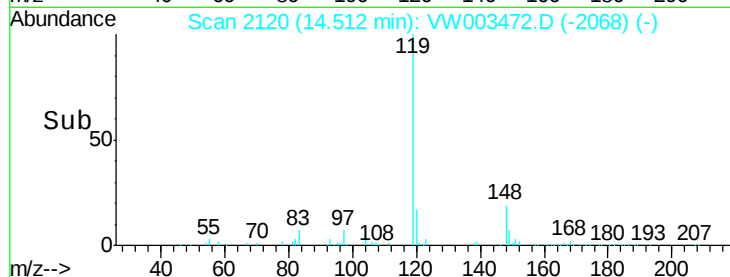
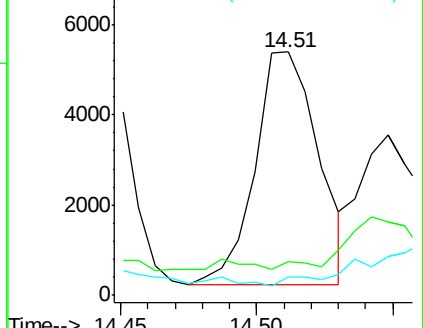
157 0.0 51.5 154.5#



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



#95

Naphthalene

Concen: 1.935 ug/l

RT: 15.43 min Scan# 2271

Delta R.T. 0.05 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

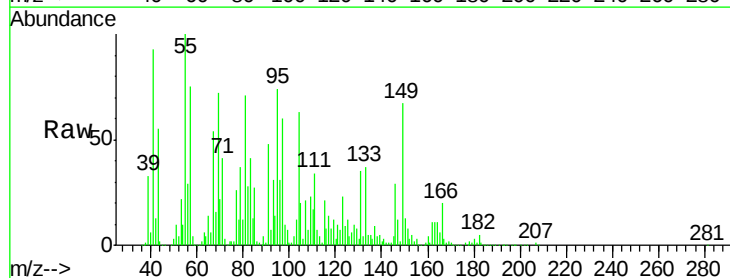
Tgt Ion: 128 Resp: 10096

Ion Ratio Lower Upper

128 100

127 104.8 10.5 15.7#

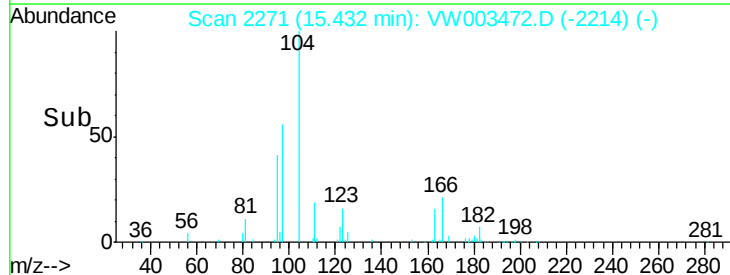
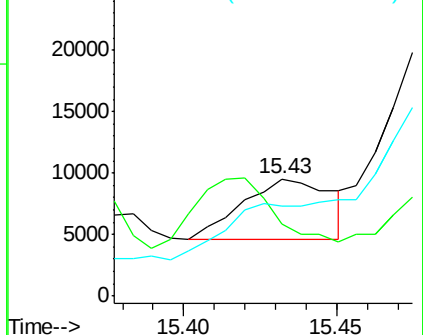
129 0.0 8.9 13.3#

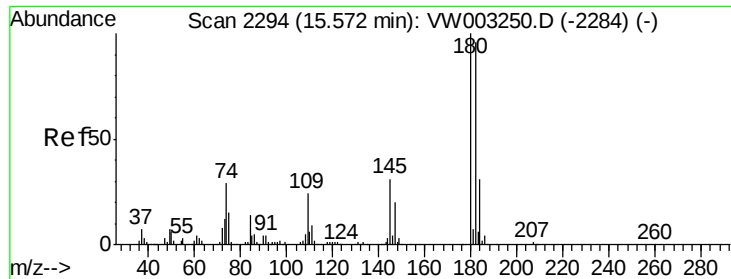


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 1.725 ug/l

RT: 15.54 min Scan# 2288

Delta R.T. -0.04 min

Lab File: VW003472.D

Acq: 23 Jun 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-25-27-180619

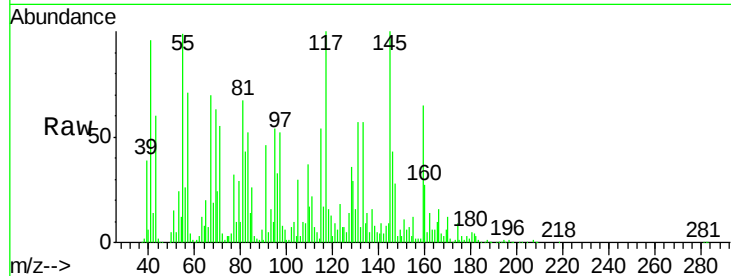
Tgt Ion:180 Resp: 4670

Ion Ratio Lower Upper

180 100

182 67.9 47.9 143.6

145 7341.4 15.8 47.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

