

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003491.D
 Acq On : 24 Jun 2018 06:13
 Operator : SY/AP
 Sample : J3670-11
 Misc : 6.03G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-19-21-180621

Quant Time: Jun 25 05:09:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	345037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	310379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153137	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	128744	58.33	ug/l	0.00
Spiked Amount			Recovery	=	116.66%	
35) Dibromofluoromethane	7.89	113	111685	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
50) Toluene-d8	10.33	98	397712	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.63	95	149203	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	

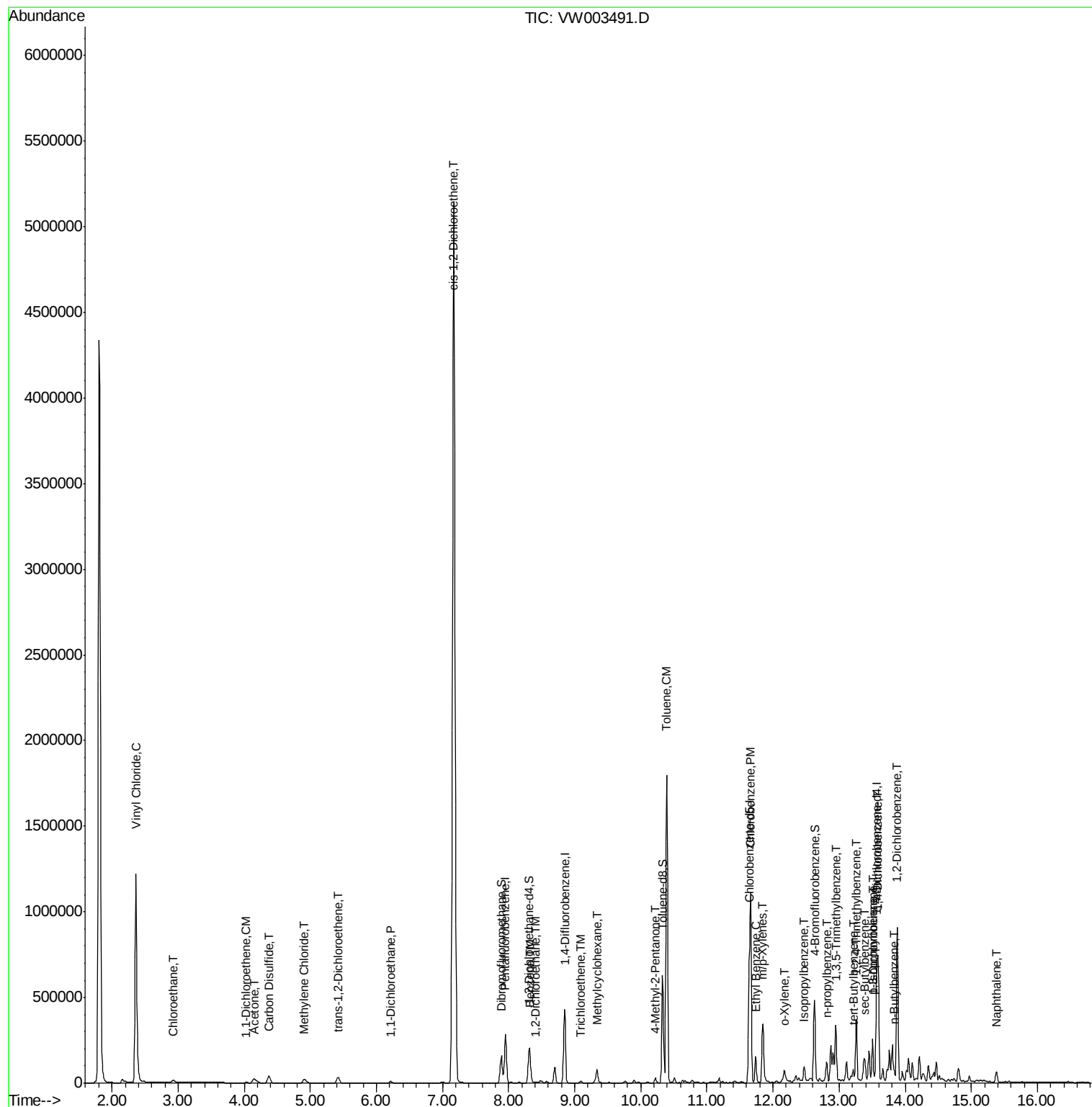
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.36	62	1446750	637.55	ug/l	99
6) Chloroethane	2.93	64	11979	7.58	ug/l	98
12) 1,1-Dichloroethene	4.03	96	2427	1.32	ug/l #	83
16) Acetone	4.15	43	53463	115.49	ug/l	98
17) Carbon Disulfide	4.37	76	91922	16.85	ug/l	99
20) Methylene Chloride	4.92	84	18232	6.04	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	21314	10.62	ug/l	93
24) 1,1-Dichloroethane	6.22	63	13027	3.41	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	2949192	1337.20	ug/l	93
39) Methylcyclohexane	9.34	83	29691	7.70	ug/l	91
40) Benzene	8.33	78	76527	8.33	ug/l	97
42) 1,2-Dichloroethane	8.41	62	4445	1.54	ug/l	99
44) Trichloroethene	9.10	130	2491	1.02	ug/l	74
51) 4-Methyl-2-Pentanone	10.22	43	19851	14.21	ug/l	99
52) Toluene	10.39	92	715782	121.53	ug/l	100
65) Chlorobenzene	11.66	112	553752	85.68	ug/l	99
67) Ethyl Benzene	11.74	91	97665	8.52	ug/l	99
68) m/p-Xylenes	11.84	106	97783	22.45	ug/l	99
69) o-Xylene	12.17	106	16385	4.06	ug/l	90
73) Isopropylbenzene	12.47	105	53229	5.00	ug/l	99
78) n-propylbenzene	12.81	91	83030	6.37	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	133848	14.97	ug/l	100
83) tert-Butylbenzene	13.21	119	30055	3.94	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	197111	21.43	ug/l	100
85) sec-Butylbenzene	13.39	105	63413	5.60	ug/l #	45
86) p-Isopropyltoluene	13.51	119	51626	5.17	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	53424	10.48	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	168843	33.33	ug/l	99
89) n-Butylbenzene	13.83	91	29447	3.02	ug/l #	79
91) 1,2-Dichlorobenzene	13.88	146	327398	73.35	ug/l	99
95) Naphthalene	15.38	128	52194	9.82	ug/l	97

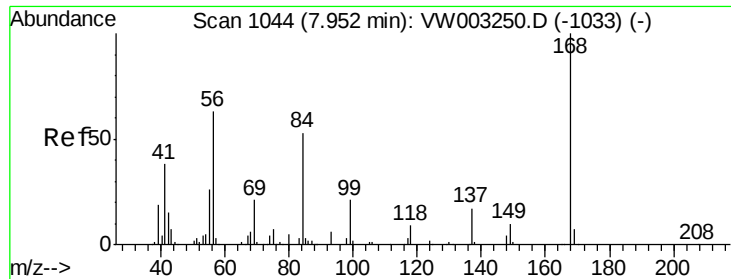
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

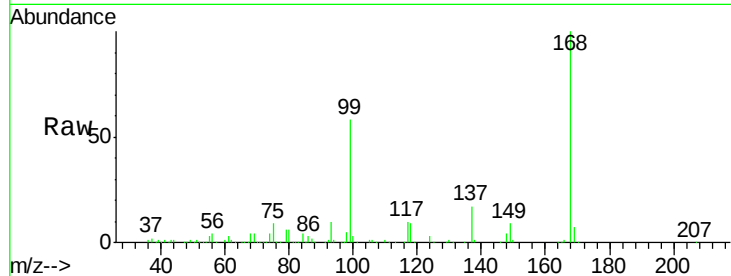
WP021SB477-19-21-180621

Tot Ion:168 Resp: 203784

Ion Ratio Lower Upper

168 100

99 58.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

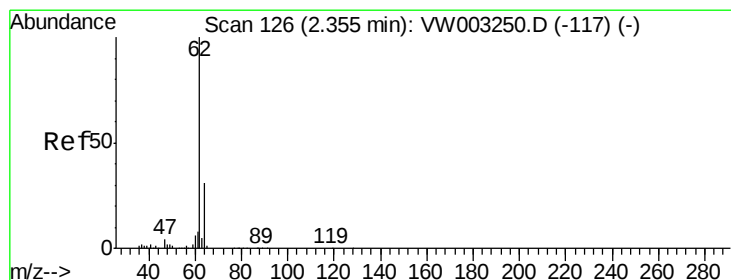
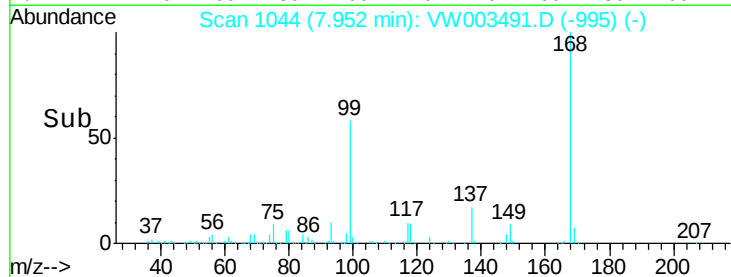
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 637.55 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003491.D

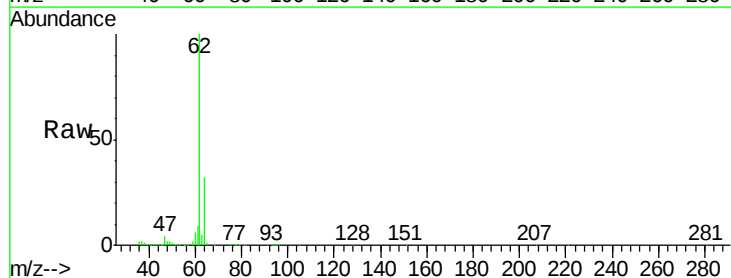
Acq: 24 Jun 2018 06:13

Tgt Ion: 62 Resp: 1446750

Ion Ratio Lower Upper

62 100

64 31.6 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

800000

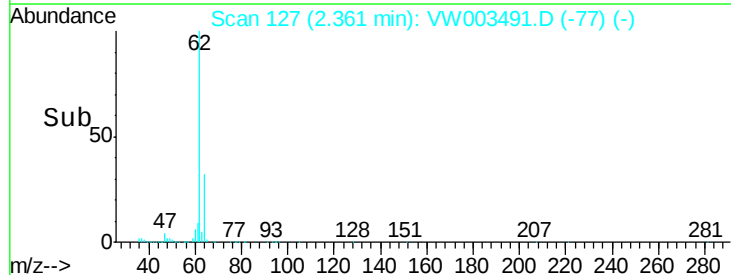
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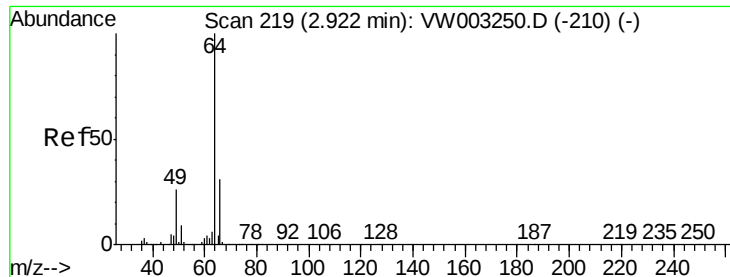
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200000

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Time-->





#6

Chloroethane

Concen: 7.58 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

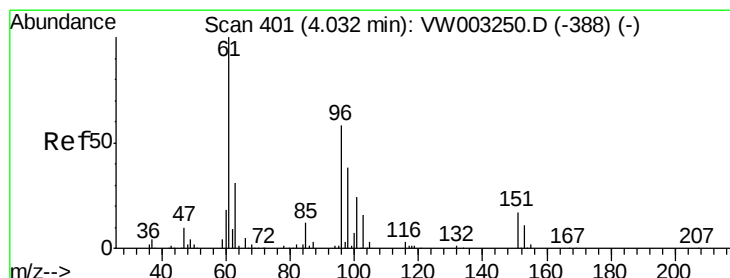
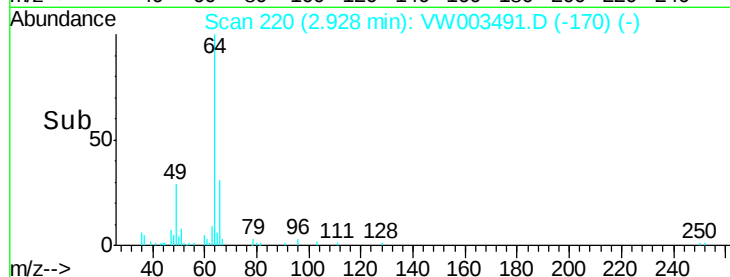
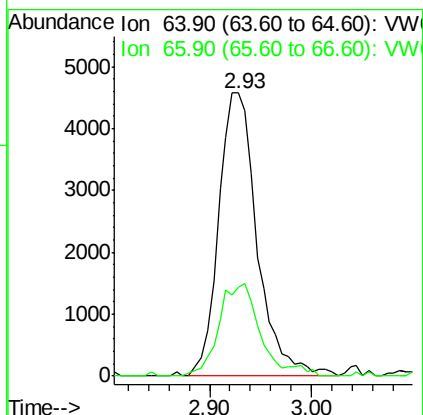
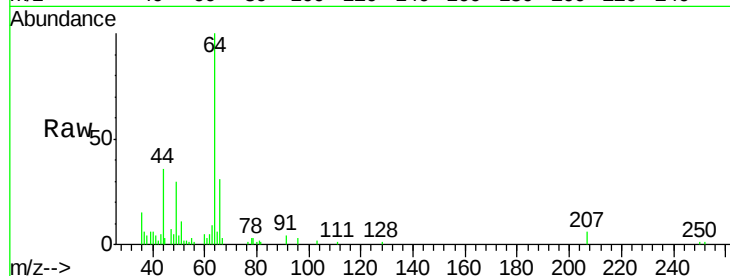
WP021SB477-19-21-180621

Tot Ion: 64 Resp: 11979

Ion Ratio Lower Upper

64 100

66 31.4 24.4 36.6



#12

1,1-Dichloroethene

Concen: 1.32 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

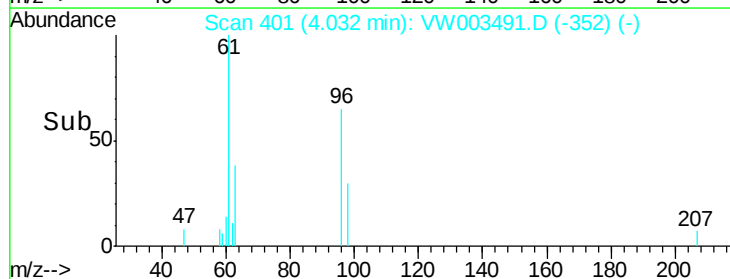
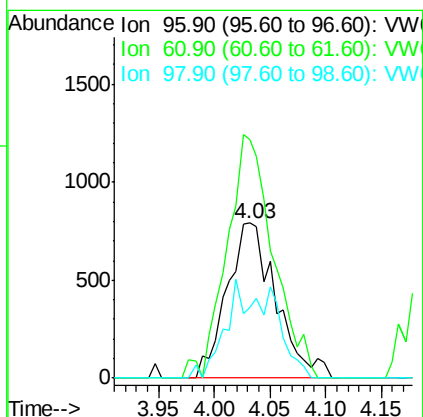
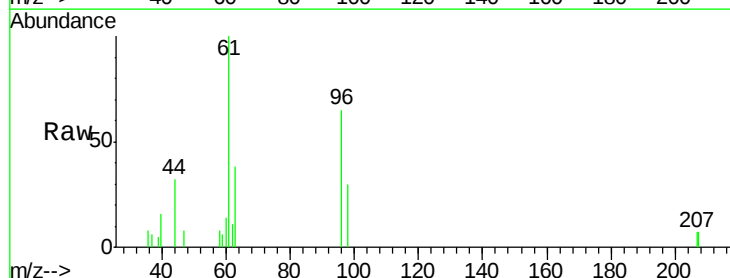
Tgt Ion: 96 Resp: 2427

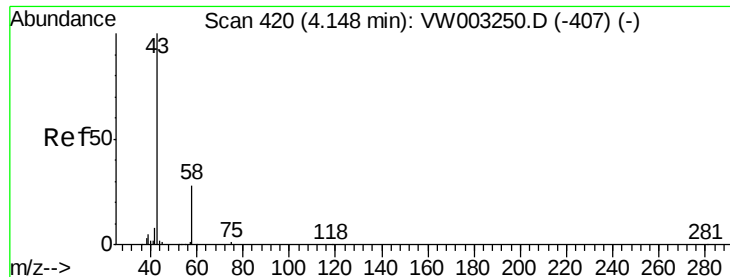
Ion Ratio Lower Upper

96 100

61 154.3 139.0 208.4

98 45.7 53.3 79.9#





#16

Acetone

Concen: 115.49 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

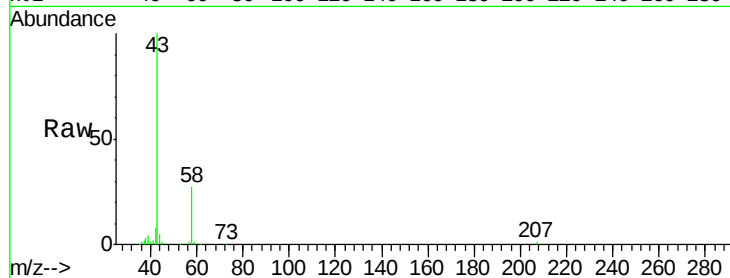
WP021SB477-19-21-180621

Tot Ion: 43 Resp: 53463

Ion Ratio Lower Upper

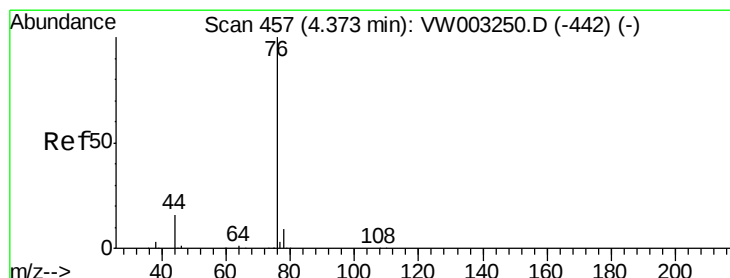
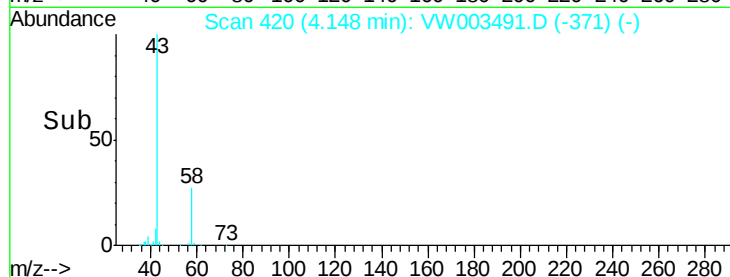
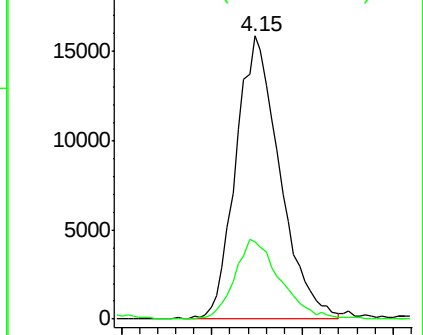
43 100

58 27.3 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: 16.85 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003491.D

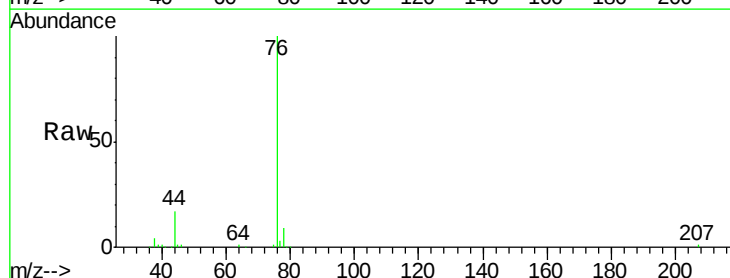
Acq: 24 Jun 2018 06:13

Tgt Ion: 76 Resp: 91922

Ion Ratio Lower Upper

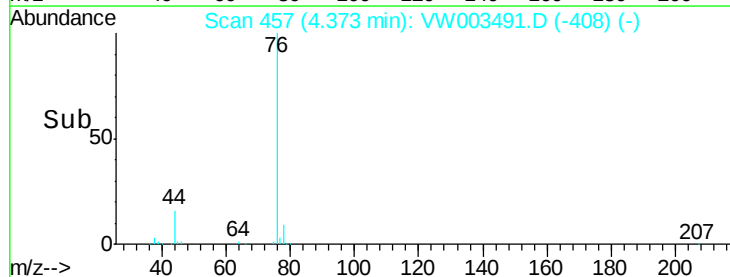
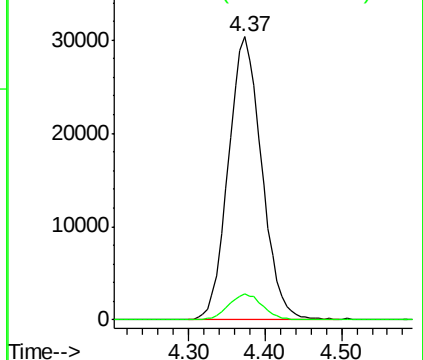
76 100

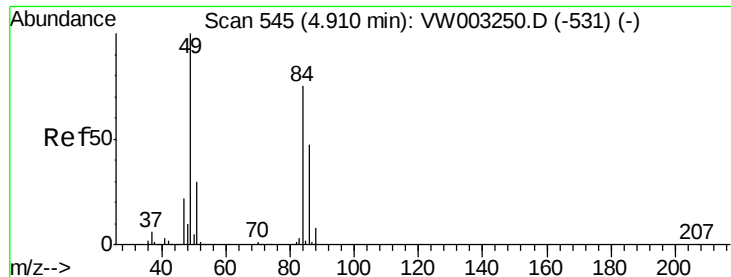
78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

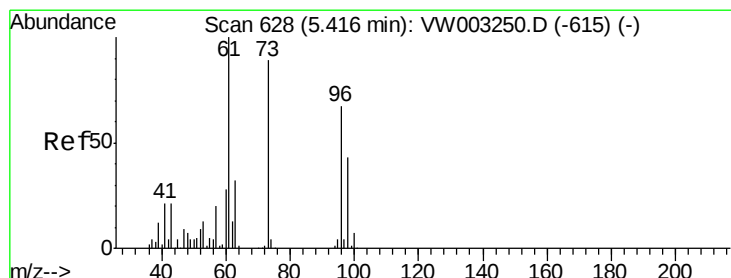
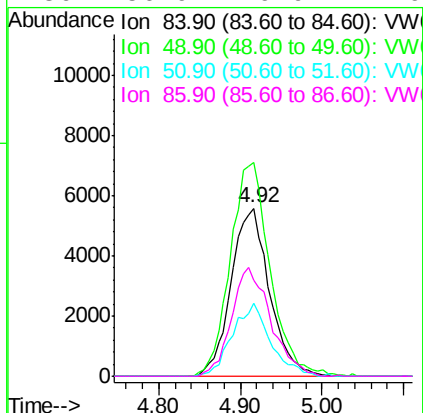
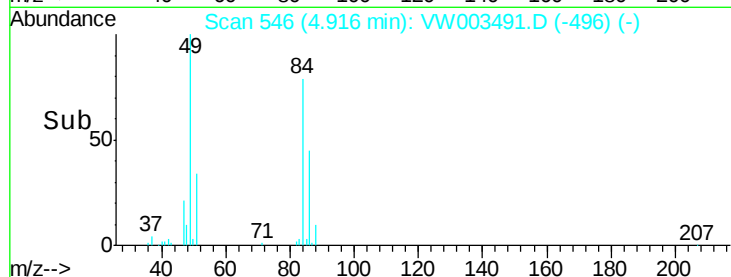
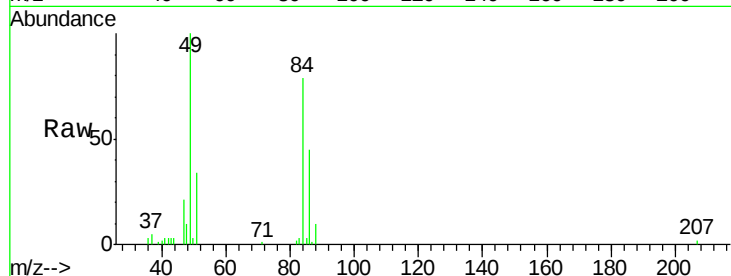




#20
Methvlene Chloride
Concen: 6.04 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

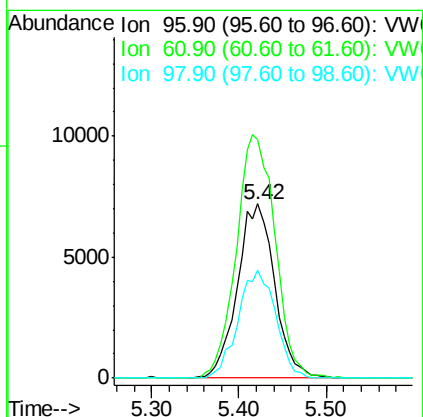
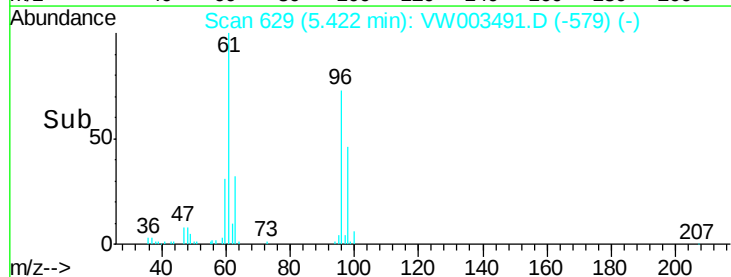
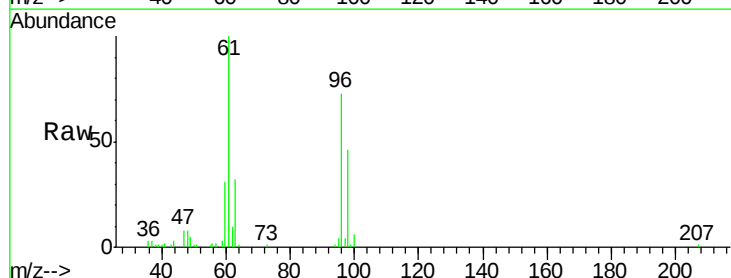
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

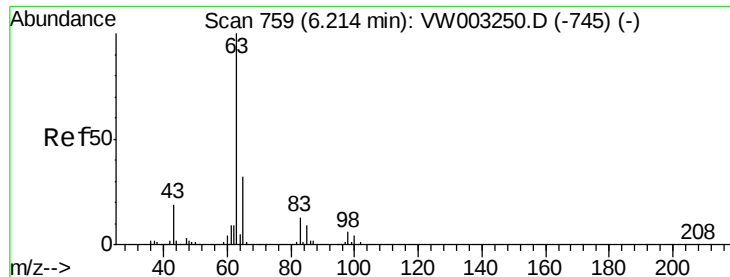
Tot Ion: 84 Resp: 18232
Ion Ratio Lower Upper
84 100
49 127.3 106.3 159.5
51 43.2 32.0 48.0
86 56.9 49.9 74.9



#21
trans-1,2-Dichloroethene
Concen: 10.62 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.01 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion: 96 Resp: 21314
Ion Ratio Lower Upper
96 100
61 136.8 118.7 178.1
98 62.3 51.0 76.6





#24

1,1-Dichloroethane

Concen: 3.41 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-19-21-180621

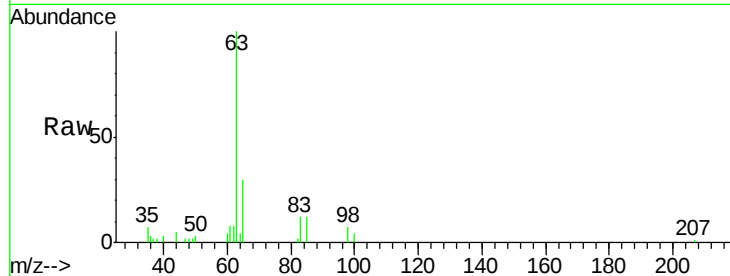
Tot Ion: 63 Resp: 13027

Ion Ratio Lower Upper

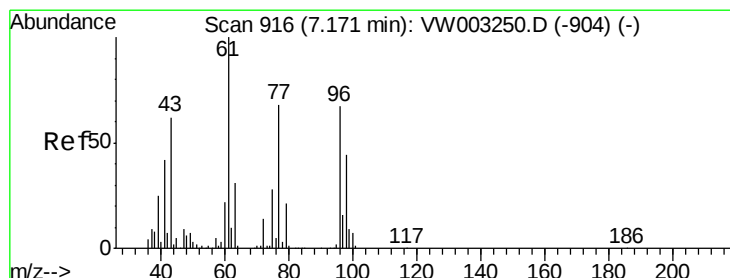
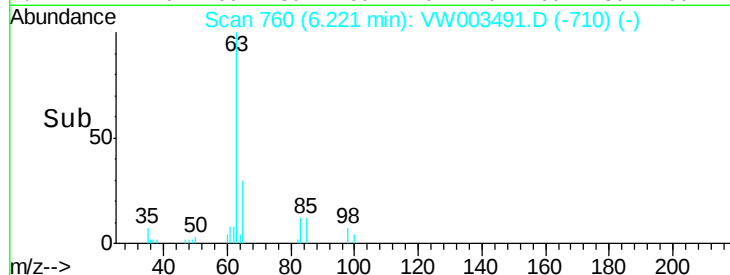
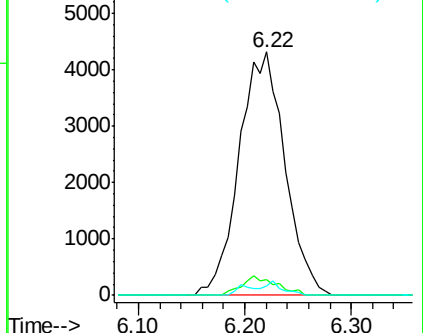
63 100

98 6.6 2.8 8.3

100 3.8 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



#27

cis-1,2-Dichloroethene

Concen: 1337.20 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

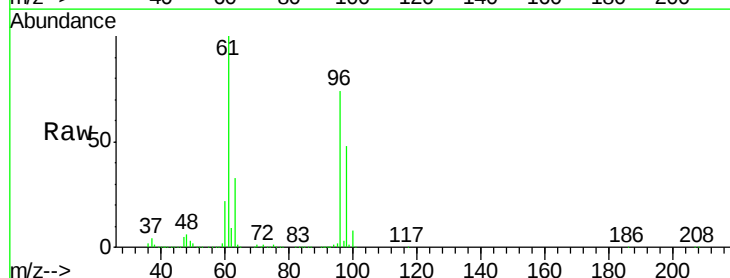
Tgt Ion: 96 Resp: 2949192

Ion Ratio Lower Upper

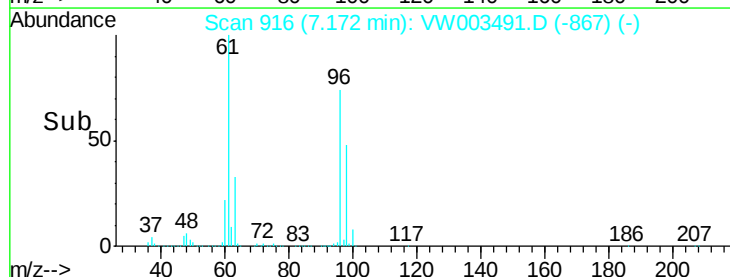
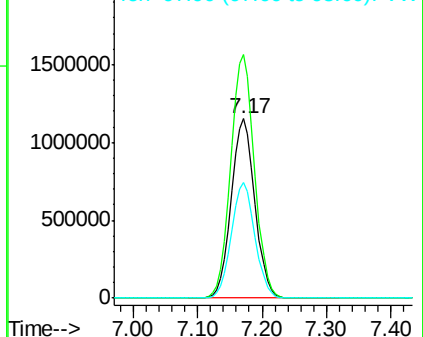
96 100

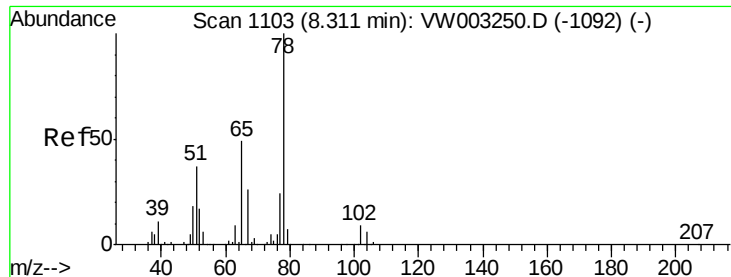
61 136.7 0.0 298.8

98 64.5 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW





#33

1,2-Dichloroethane-d4

Concen: 58.33 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

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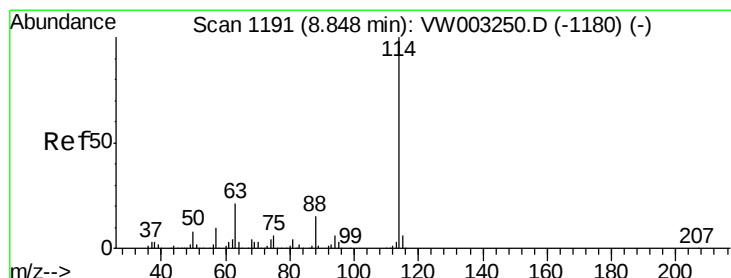
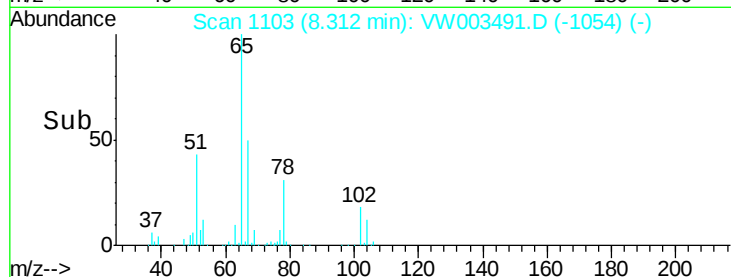
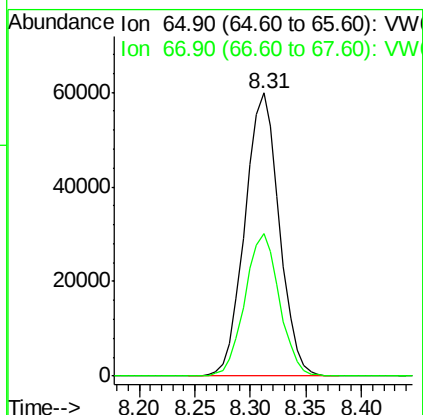
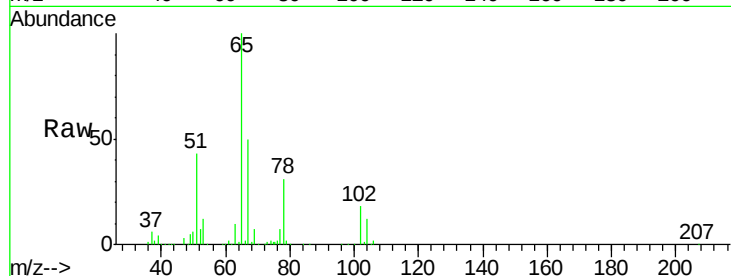
WP021SB477-19-21-180621

Tot Ion: 65 Resp: 128744

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

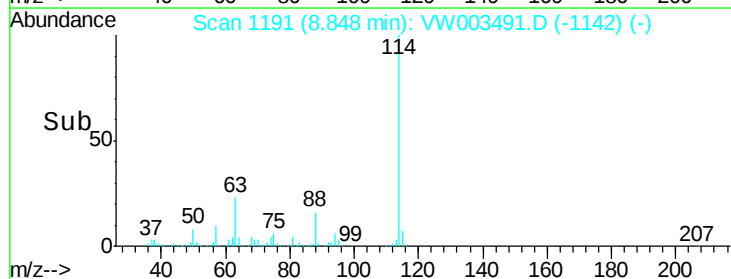
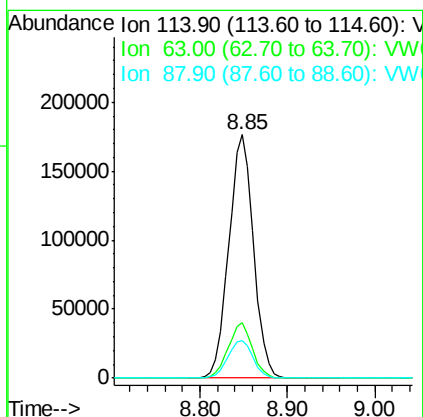
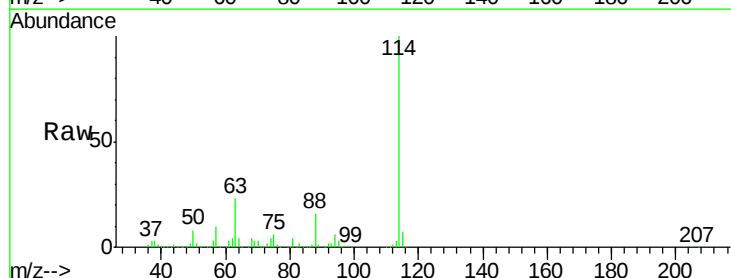
Tgt Ion: 114 Resp: 345037

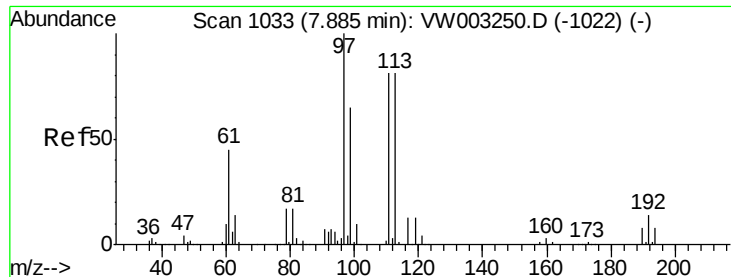
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.0

88 15.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.09 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

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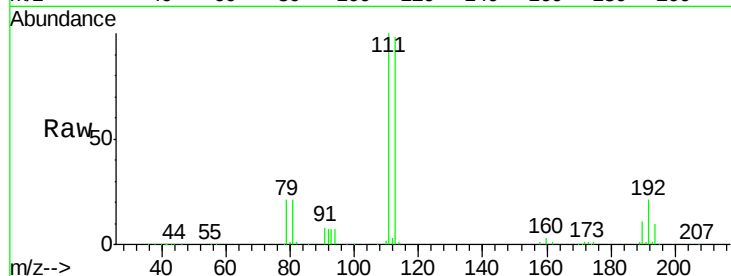
Tot Ion:113 Resp: 111685

Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.2

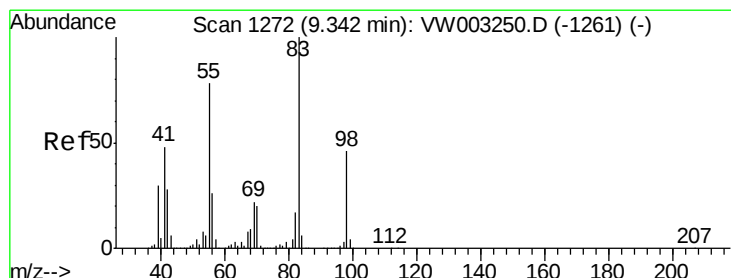
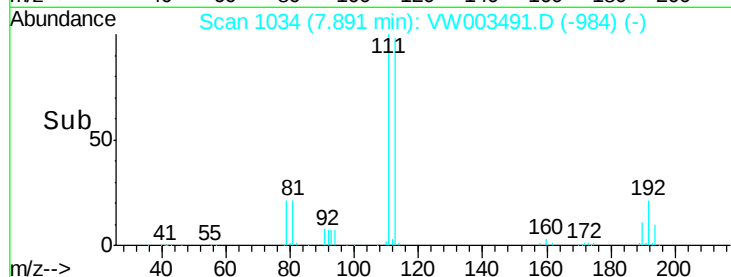
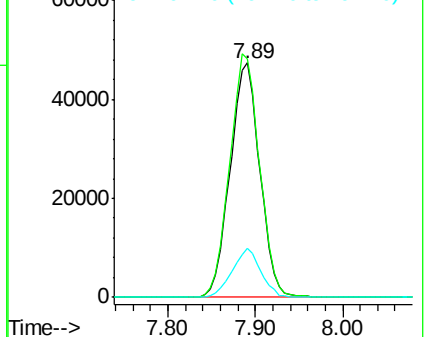
192 20.1 16.2 24.2



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



#39

Methylcyclohexane

Concen: 7.70 ug/l

RT: 9.34 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

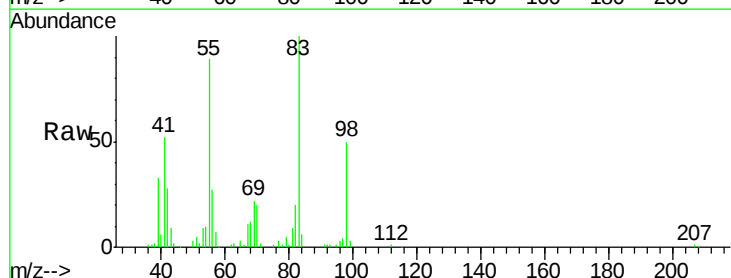
Tgt Ion: 83 Resp: 29691

Ion Ratio Lower Upper

83 100

55 88.3 62.6 93.8

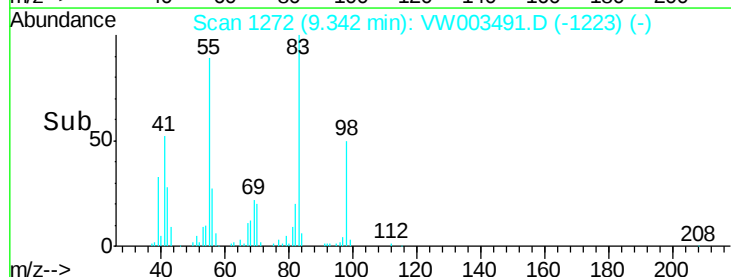
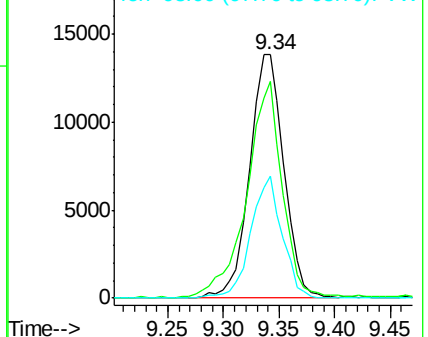
98 49.9 37.0 55.4

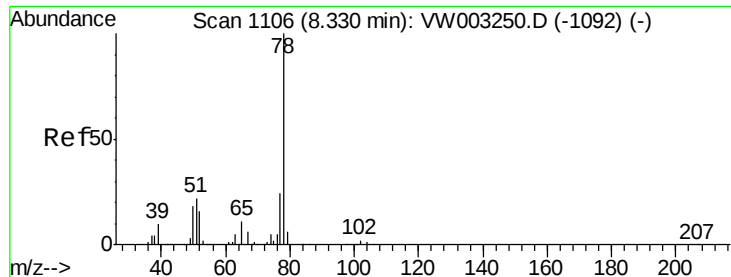


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 8.33 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

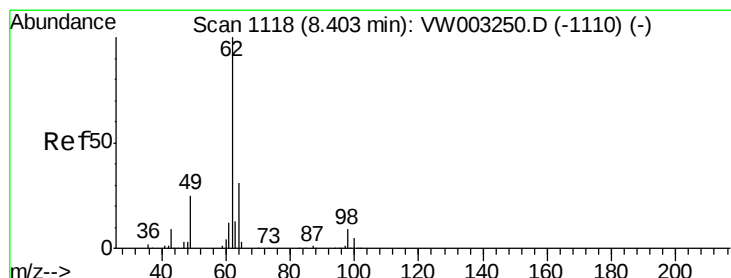
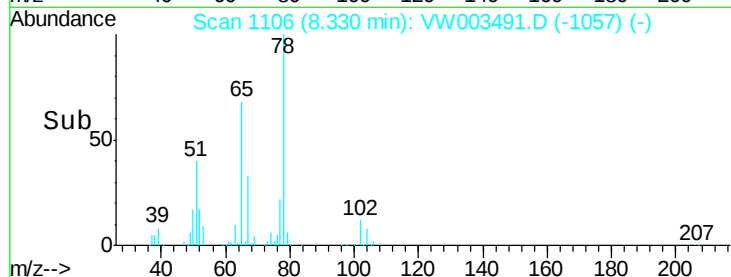
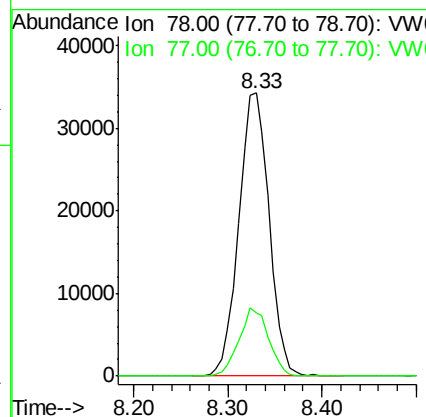
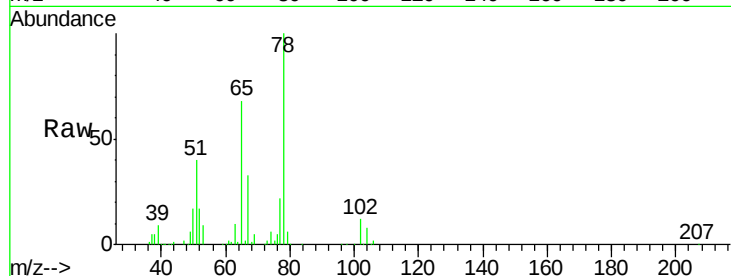
WP021SB477-19-21-180621

Tot Ion: 78 Resp: 76527

Ion Ratio Lower Upper

78 100

77 22.3 19.0 28.6



#42

1,2-Dichloroethane

Concen: 1.54 ug/l

RT: 8.41 min Scan# 1119

Delta R.T. 0.01 min

Lab File: VW003491.D

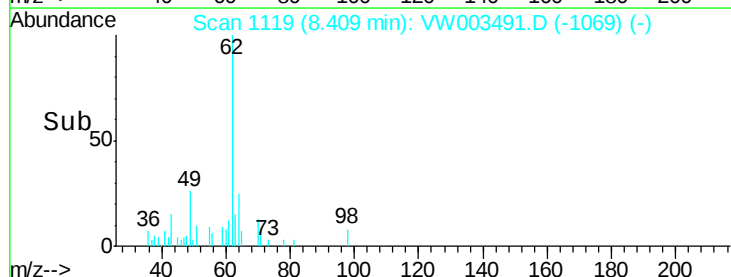
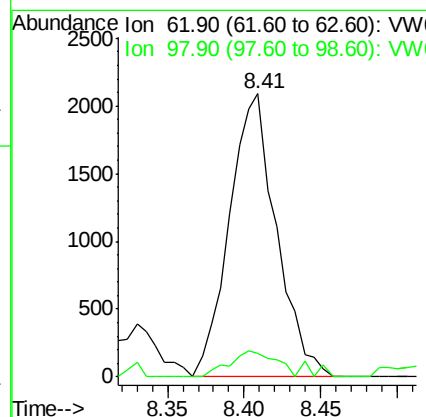
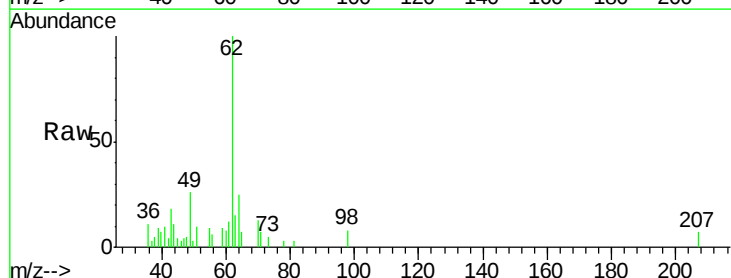
Acq: 24 Jun 2018 06:13

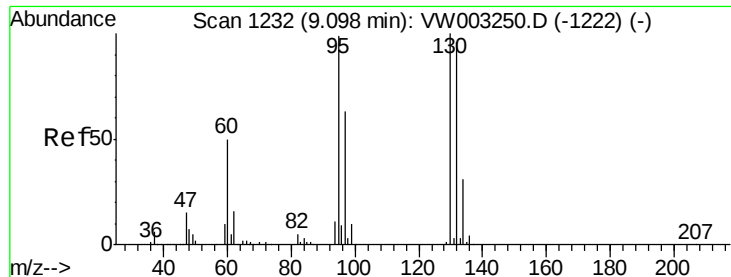
Tgt Ion: 62 Resp: 4445

Ion Ratio Lower Upper

62 100

98 9.0 0.0 17.2





#44

Trichloroethene

Concen: 1.02 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

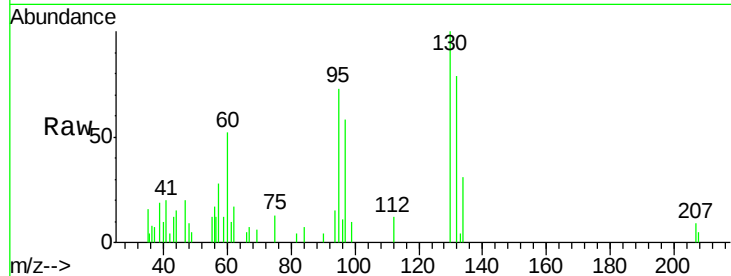
WP021SB477-19-21-180621

Tot Ion:130 Resp: 2491

Ion Ratio Lower Upper

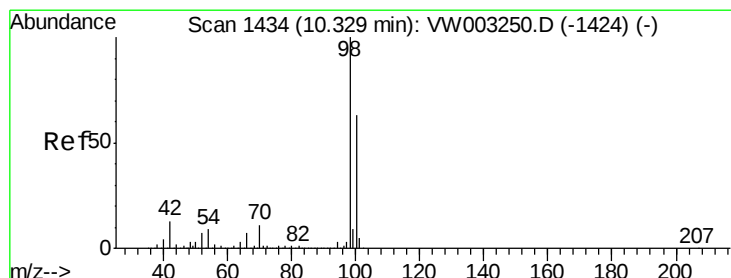
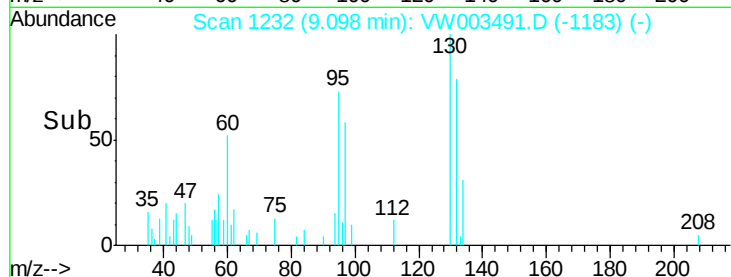
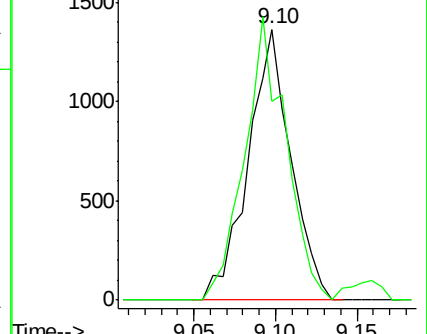
130 100

95 73.4 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#50

Toluene-d8

Concen: 46.78 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003491.D

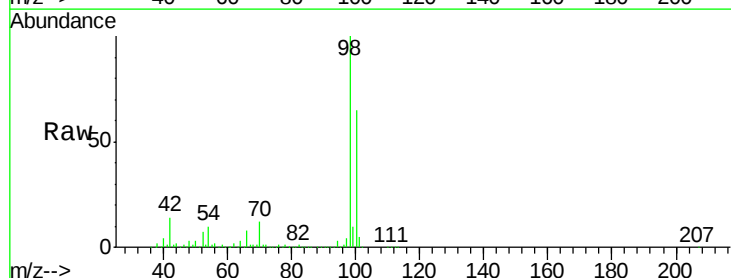
Acq: 24 Jun 2018 06:13

Tgt Ion: 98 Resp: 397712

Ion Ratio Lower Upper

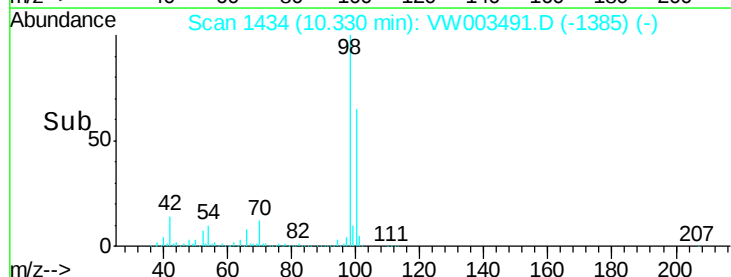
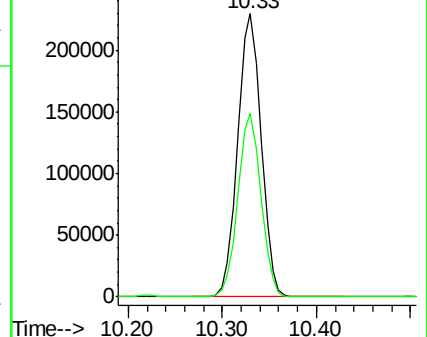
98 100

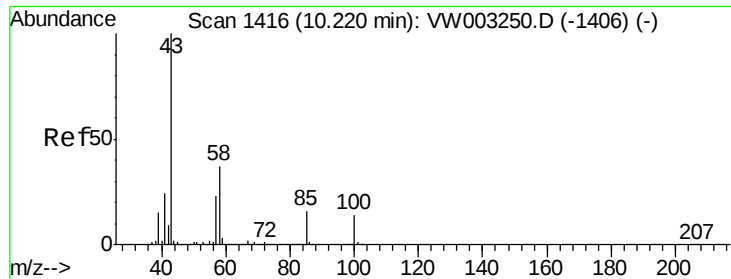
100 63.5 50.8 76.2



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: 14.21 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

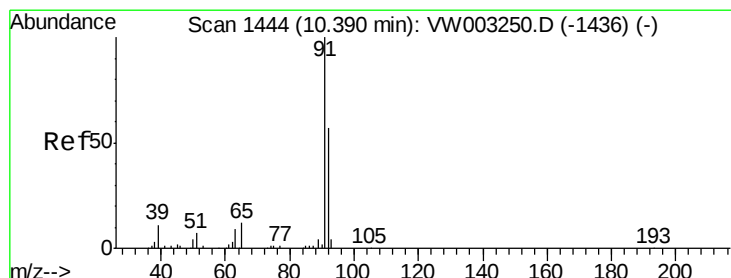
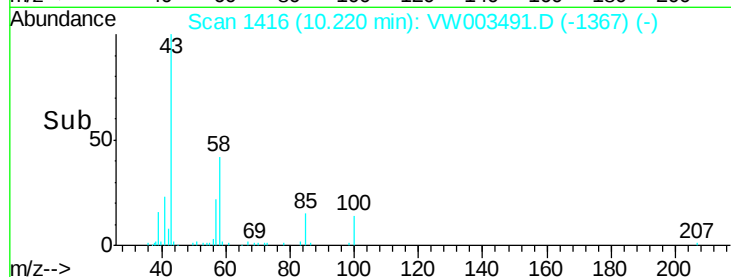
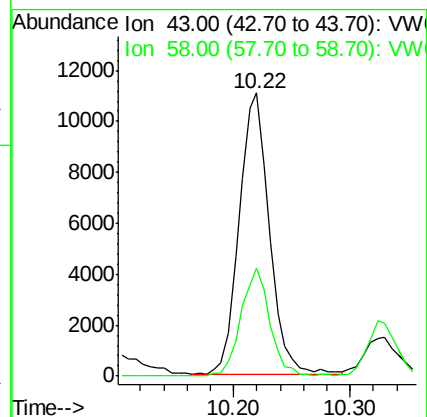
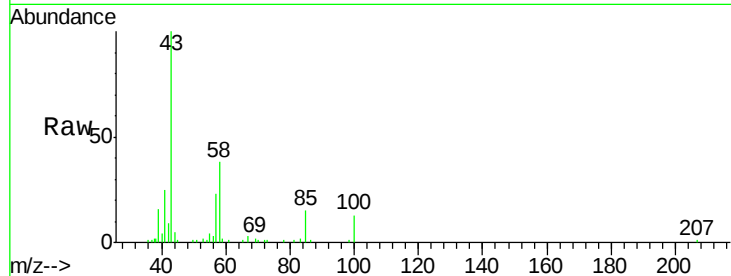
WP021SB477-19-21-180621

Tot Ion: 43 Resp: 19851

Ion Ratio Lower Upper

43 100

58 36.7 29.0 43.4



#52

Toluene

Concen: 121.53 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003491.D

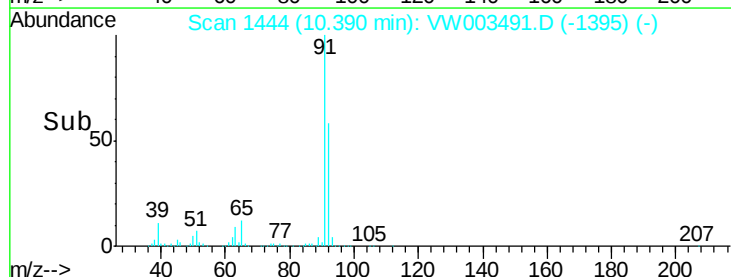
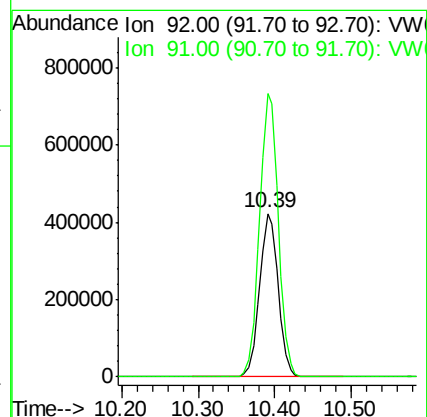
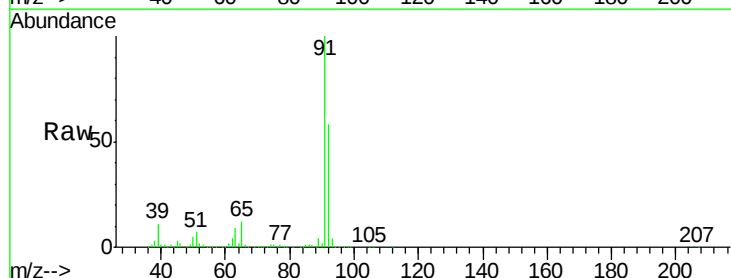
Acq: 24 Jun 2018 06:13

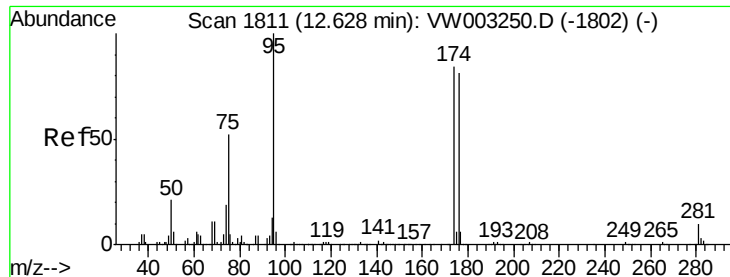
Tgt Ion: 92 Resp: 715782

Ion Ratio Lower Upper

92 100

91 175.9 141.1 211.7





#62

4-Bromofluorobenzene

Concen: 49.59 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-19-21-180621

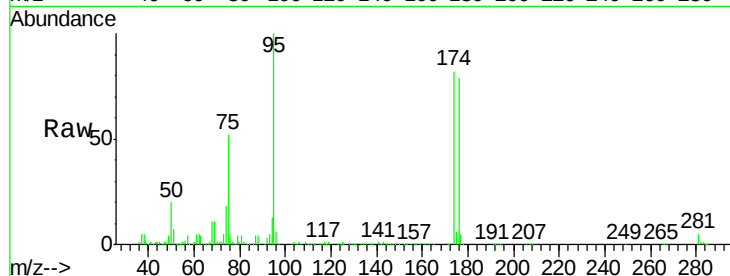
Tot Ion: 95 Resp: 149203

Ion Ratio Lower Upper

95 100

174 81.8 0.0 166.4

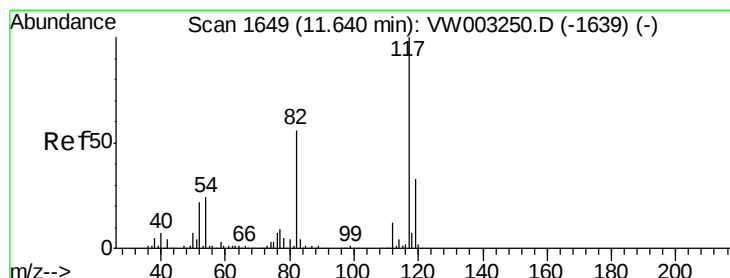
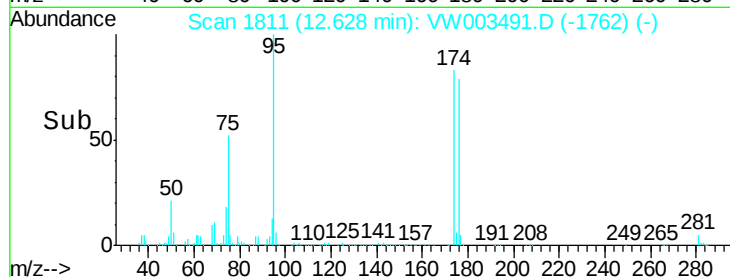
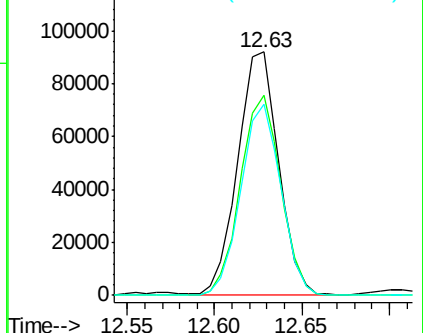
176 77.8 0.0 162.0



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: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

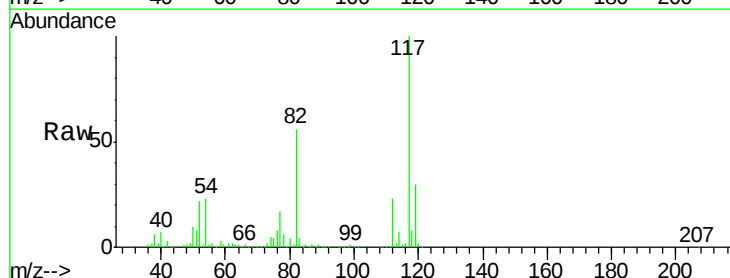
Tgt Ion: 117 Resp: 310379

Ion Ratio Lower Upper

117 100

82 55.8 44.6 67.0

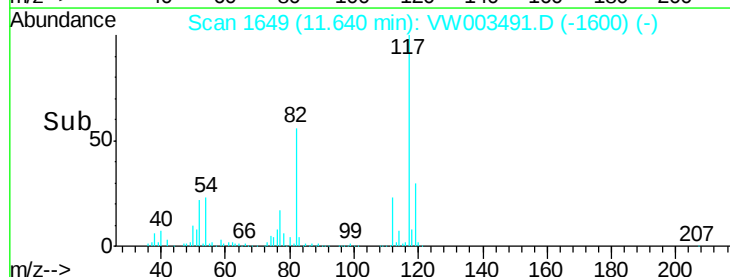
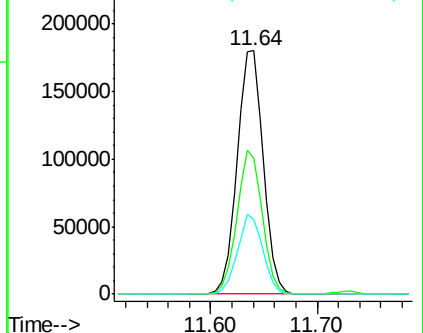
119 30.4 26.7 40.1

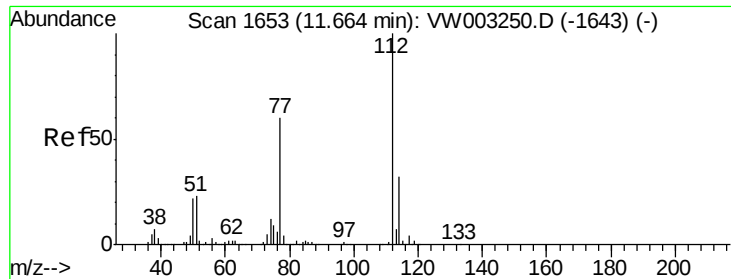


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

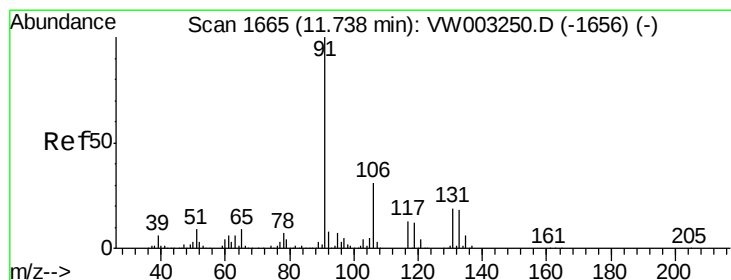
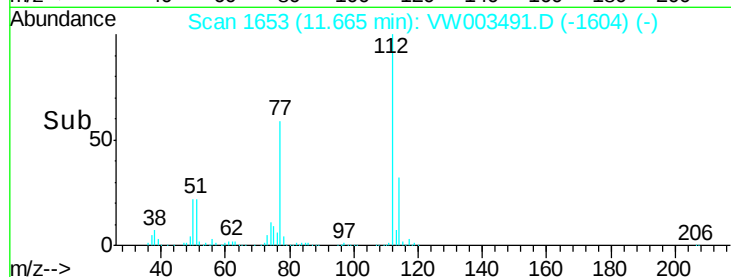
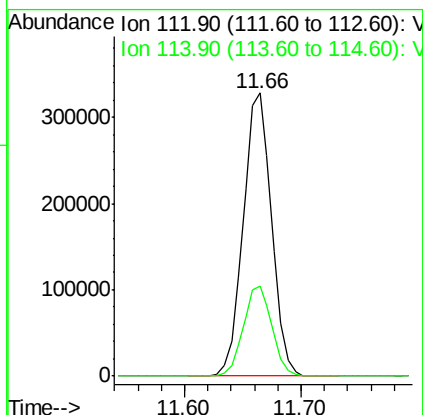
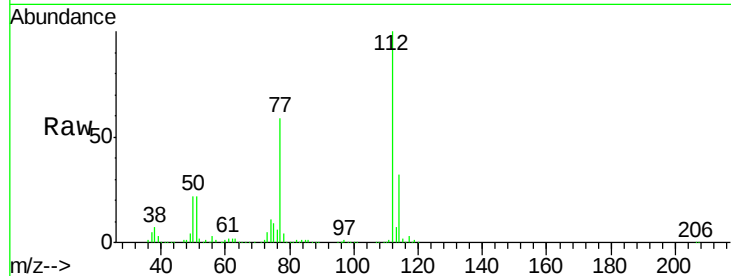




#65
Chlorobenzene
Concen: 85.68 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

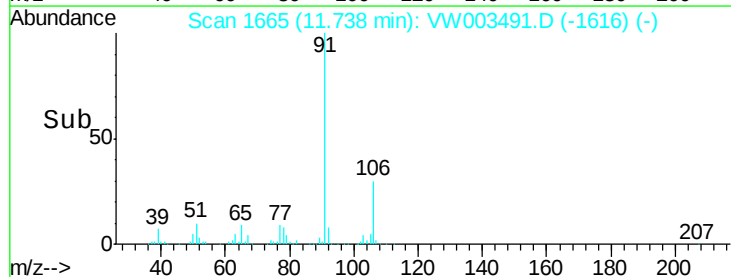
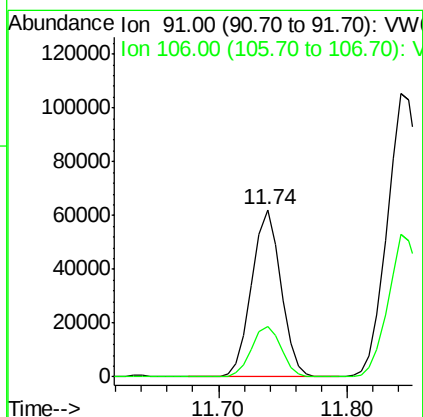
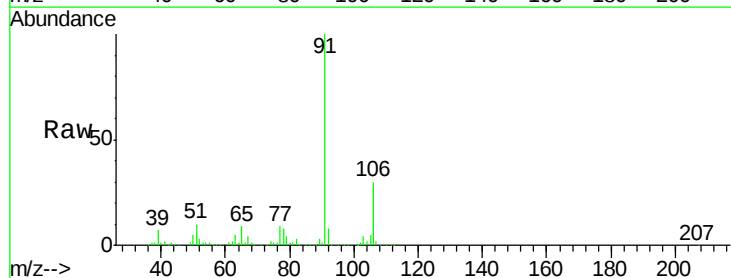
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

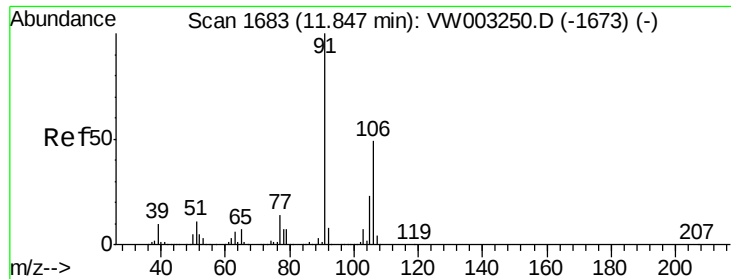
Tot Ion:112 Resp: 553752
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#67
Ethyl Benzene
Concen: 8.52 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion: 91 Resp: 97665
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1

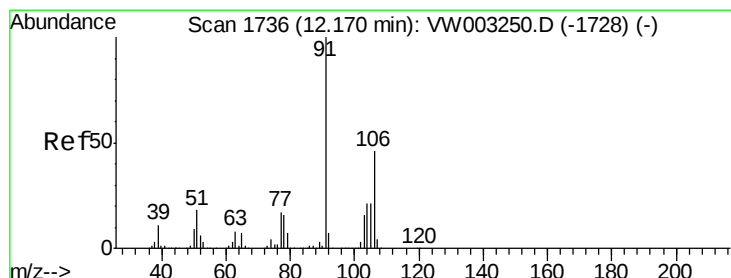
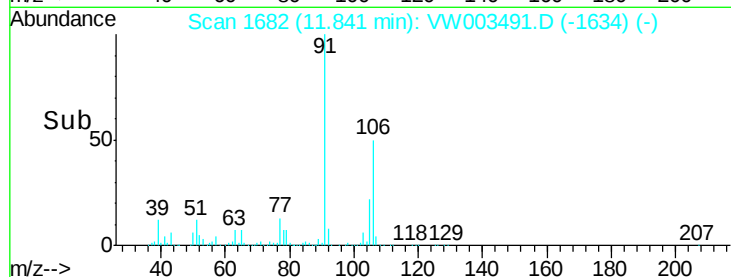
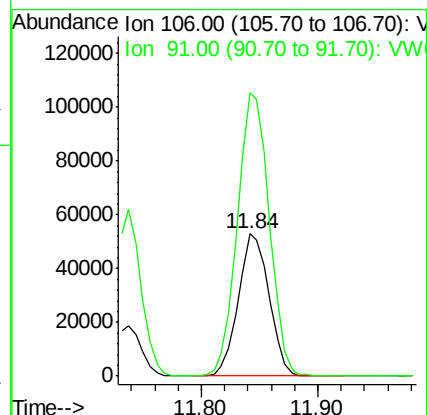
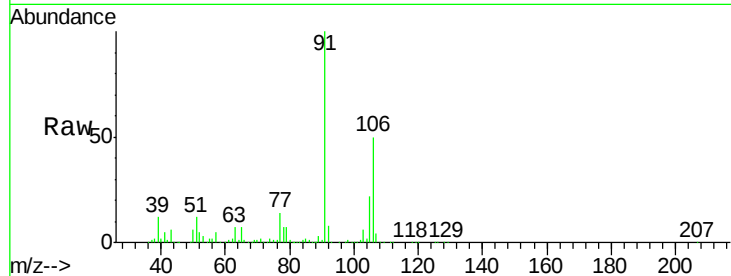




#68
m/p-Xvlenes
Concen: 22.45 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

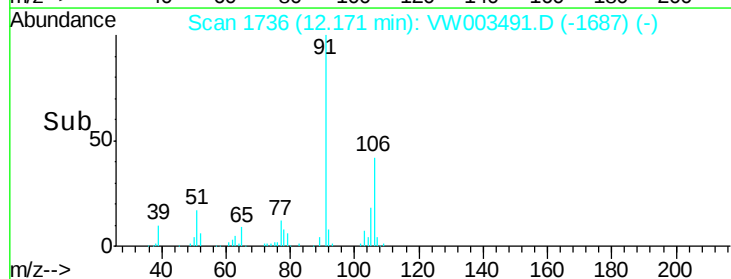
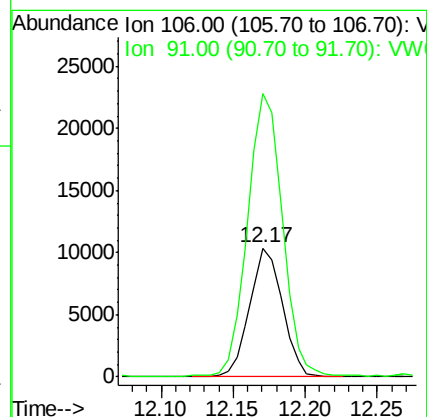
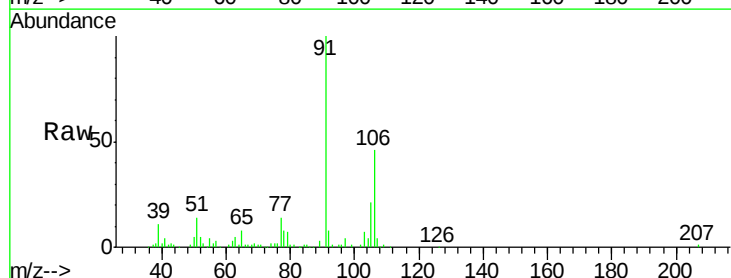
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

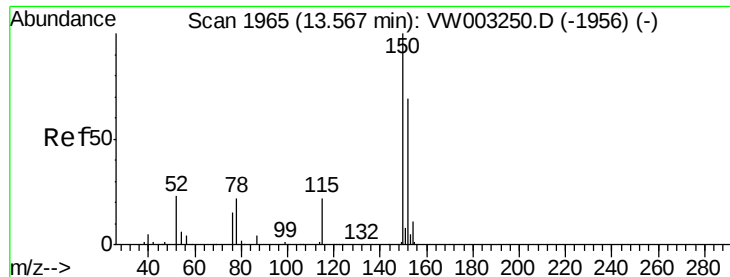
Tot Ion:106 Resp: 97783
Ion Ratio Lower Upper
106 100
91 204.9 165.4 248.0



#69
o-Xylene
Concen: 4.06 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion:106 Resp: 16385
Ion Ratio Lower Upper
106 100
91 233.8 108.6 325.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-19-21-180621

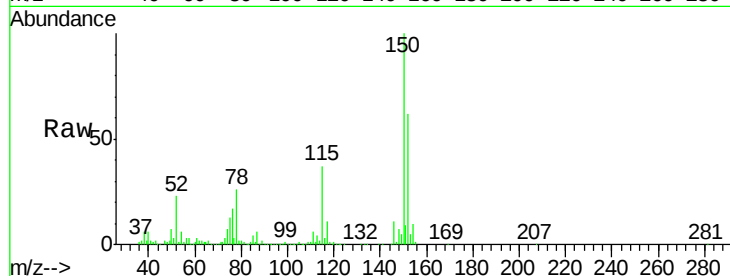
Tot Ion:152 Resp: 153137

Ion Ratio Lower Upper

152 100

115 62.5 29.3 88.0

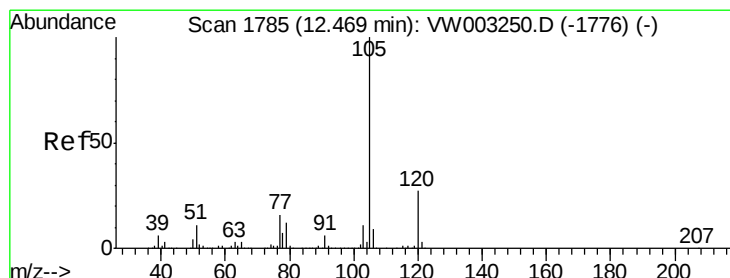
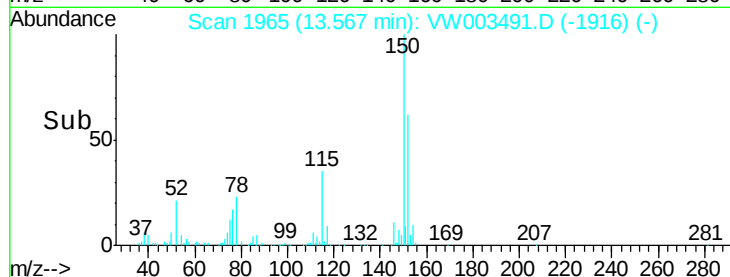
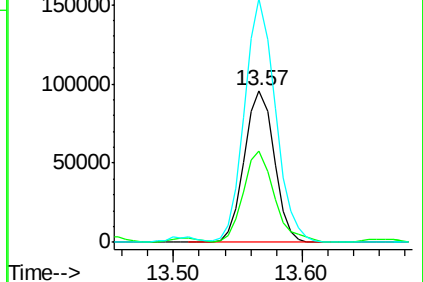
150 165.9 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 5.00 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003491.D

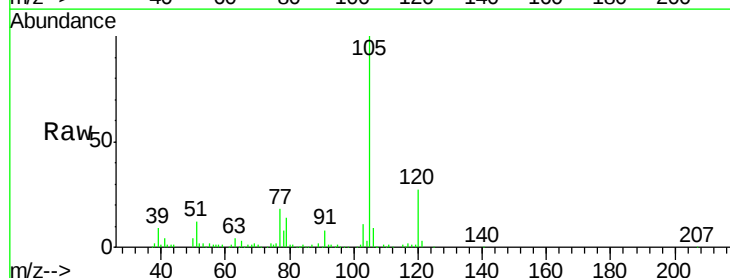
Acq: 24 Jun 2018 06:13

Tgt Ion:105 Resp: 53229

Ion Ratio Lower Upper

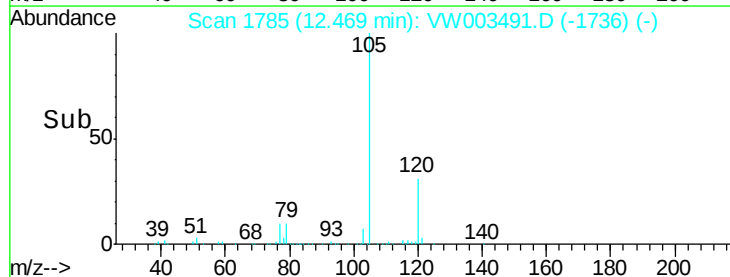
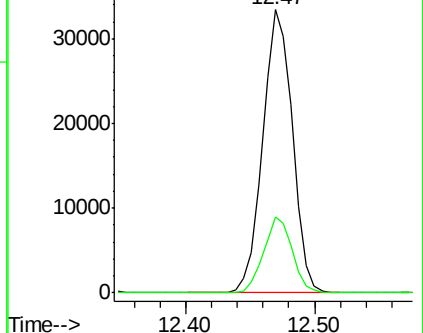
105 100

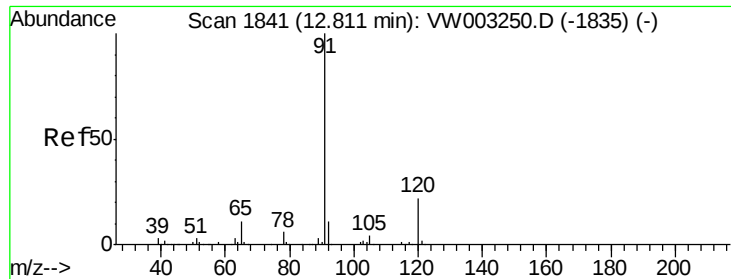
120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

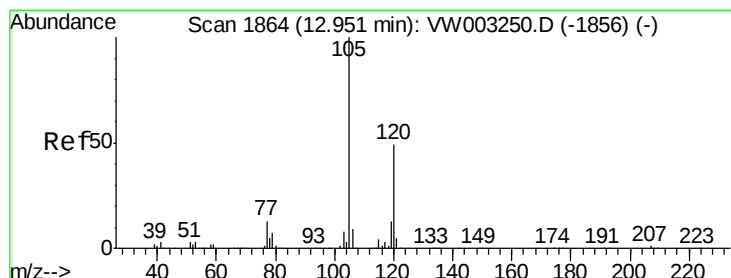
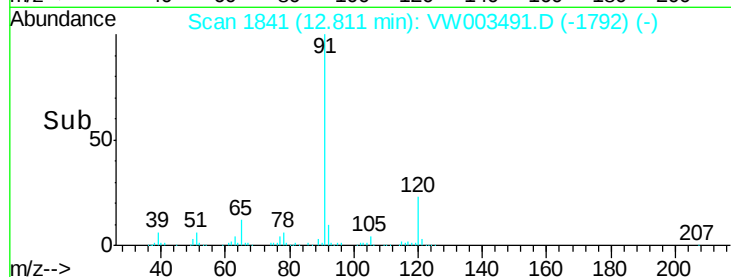
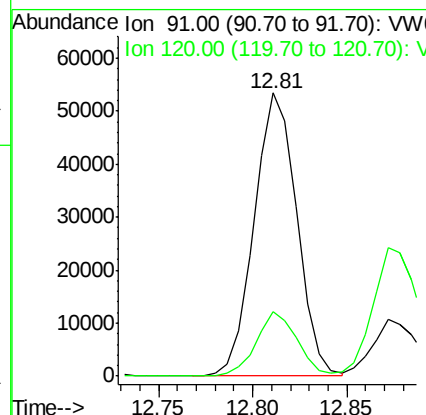
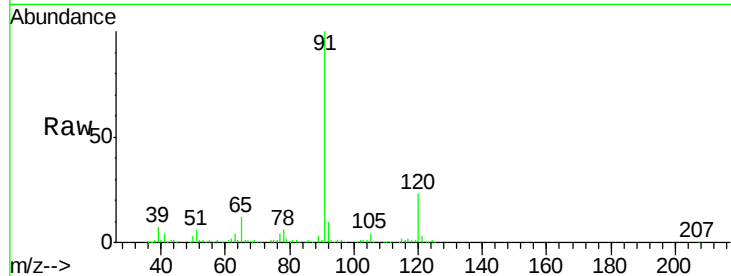




#78
 n-propylbenzene
 Concen: 6.37 ug/l
 RT: 12.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

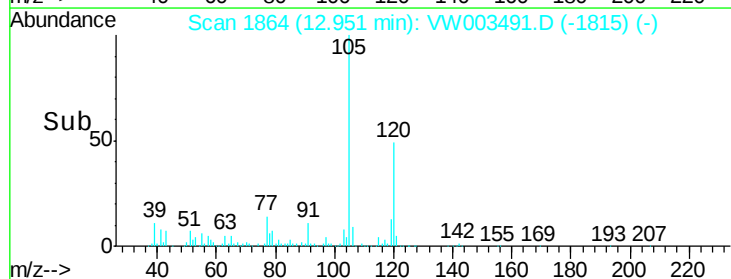
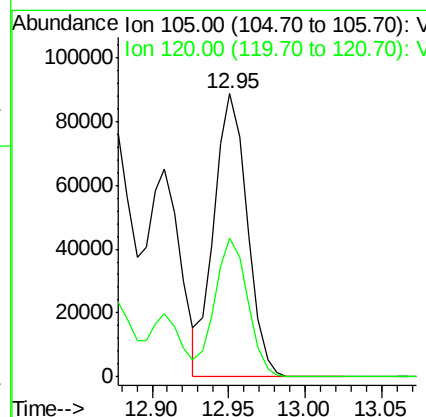
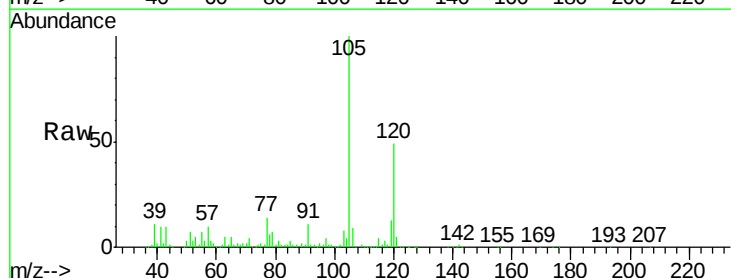
Instrument :
 MSVOA_W
 ClientSampleId :
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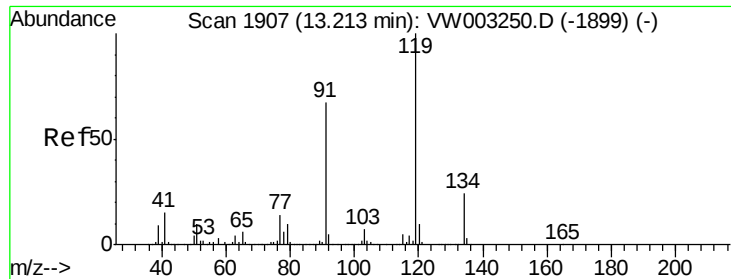
Tot Ion: 91 Resp: 83030
 Ion Ratio Lower Upper
 91 100
 120 21.9 11.3 33.8



#80
 1,3,5-Trimethylbenzene
 Concen: 14.97 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

Tgt Ion: 105 Resp: 133848
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.9

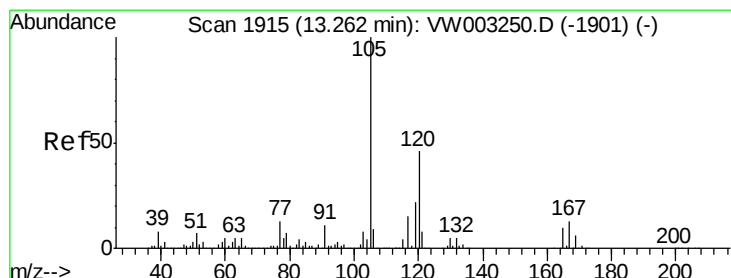
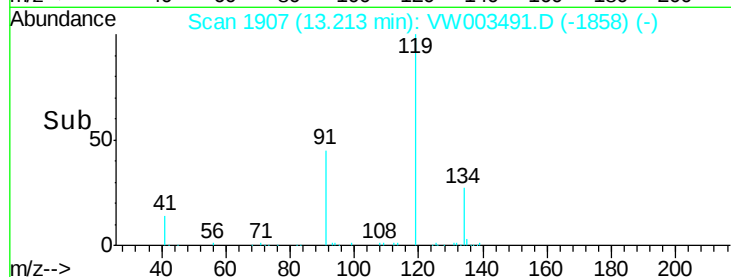
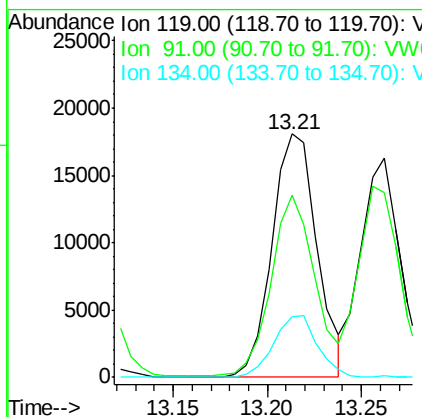
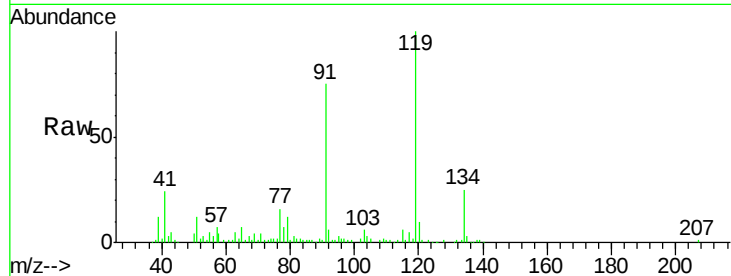




#83
tert-Butylbenzene
Concen: 3.94 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

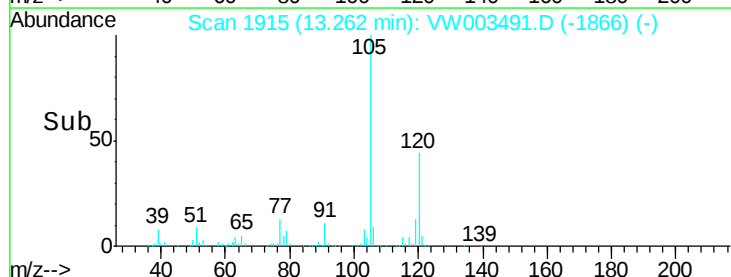
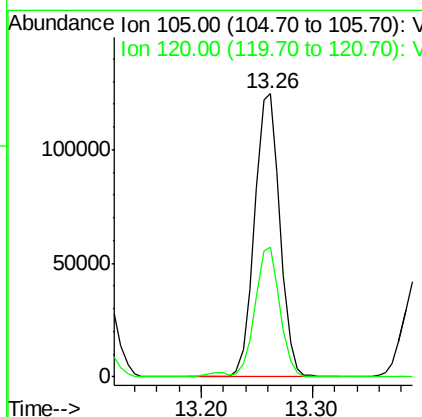
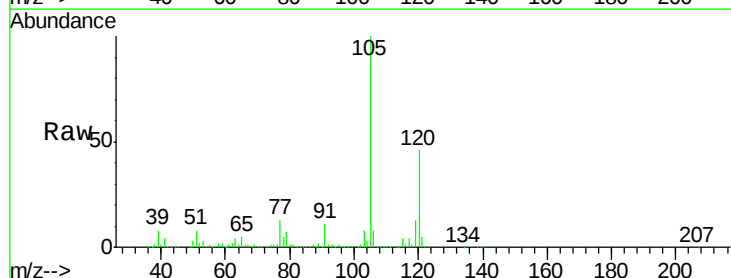
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

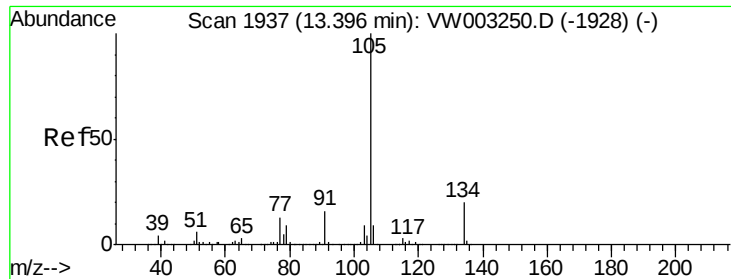
Tot Ion:119 Resp: 30055
Ion Ratio Lower Upper
119 100
91 72.0 33.9 101.7
134 24.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.43 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion:105 Resp: 197111
Ion Ratio Lower Upper
105 100
120 44.8 22.5 67.5





#85

sec-Butylbenzene

Concen: 5.60 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

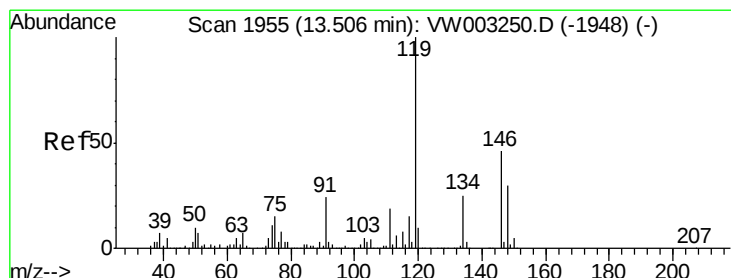
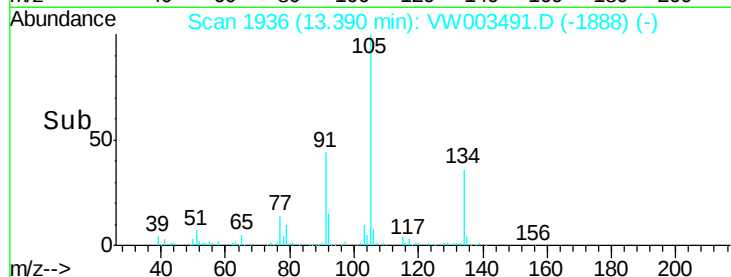
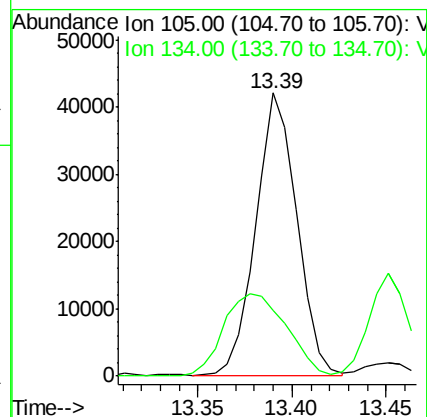
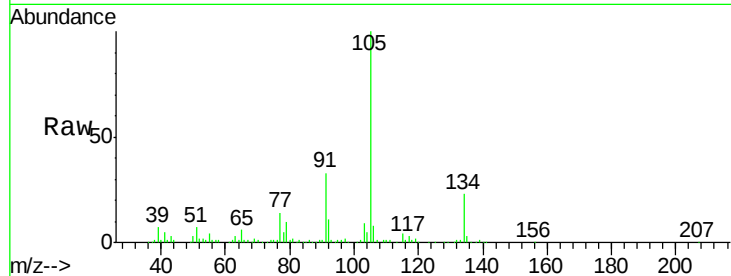
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Tot Ion:105 Resp: 63413

Ion Ratio Lower Upper

105 100

134 44.9 9.8 29.5#



#86

p-Isopropyltoluene

Concen: 5.17 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003491.D

Acq: 24 Jun 2018 06:13

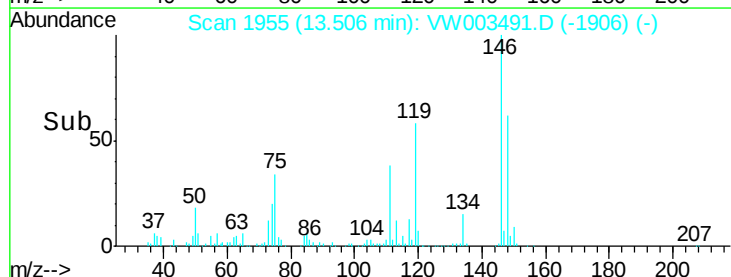
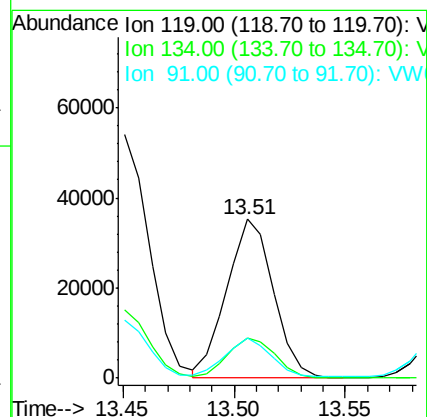
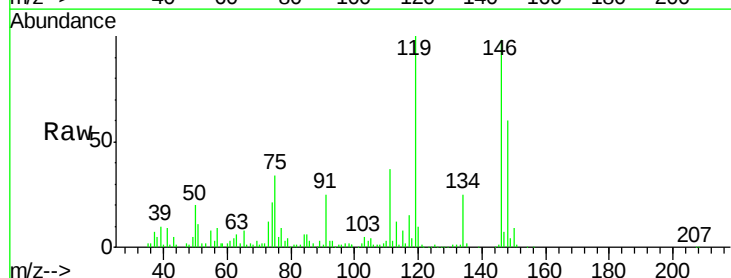
Tgt Ion:119 Resp: 51626

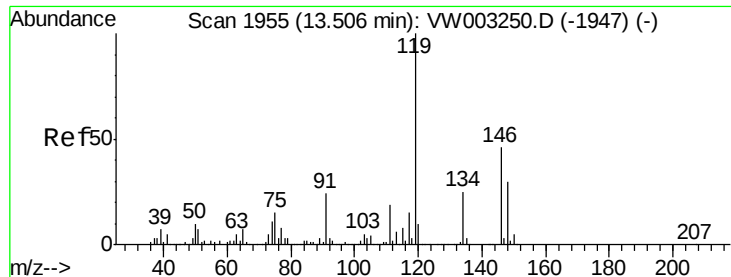
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 23.2 11.8 35.3

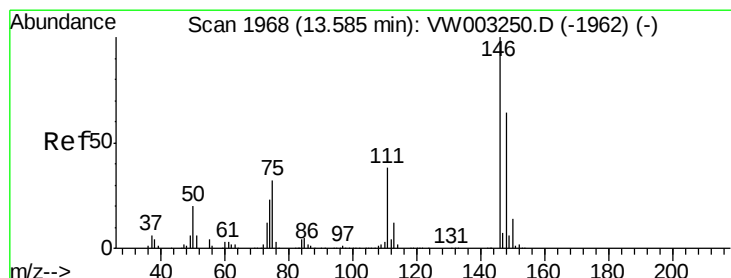
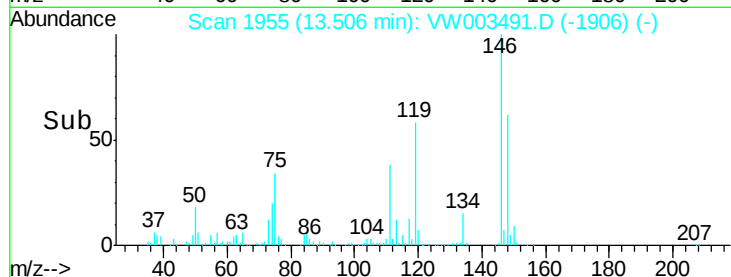
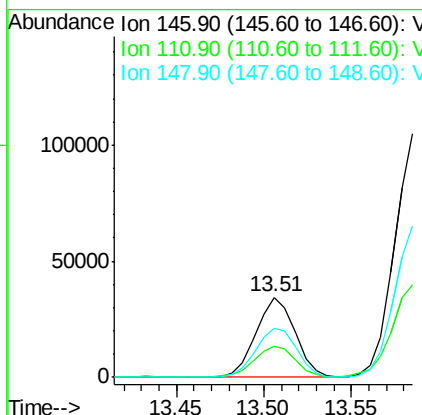
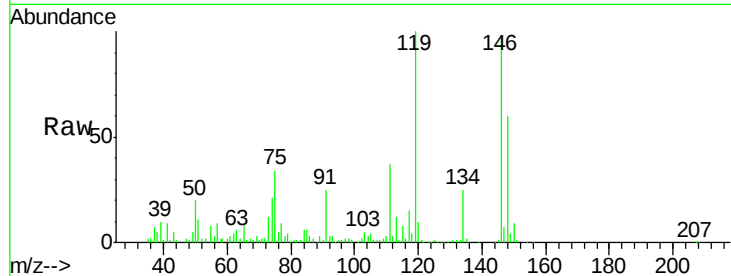




#87
 1,3-Dichlorobenzene
 Concen: 10.48 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

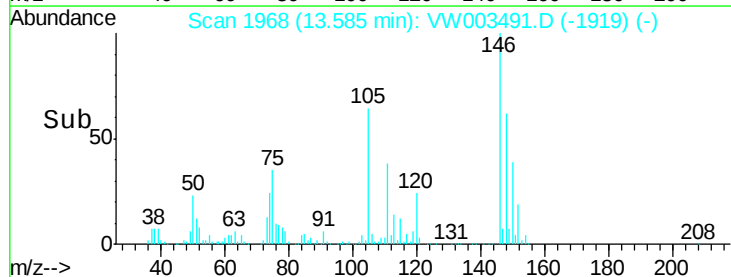
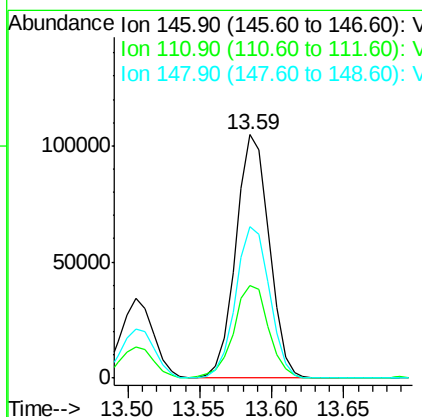
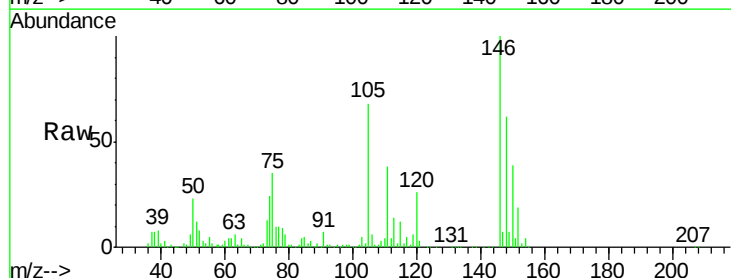
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-19-21-180621

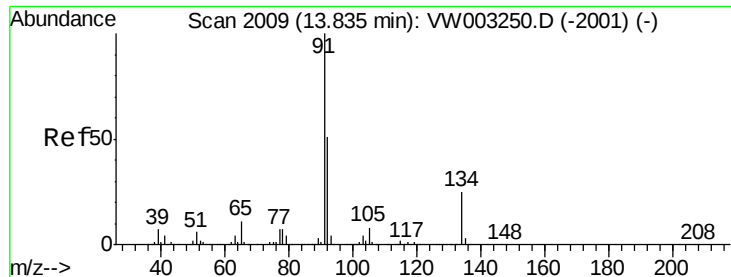
Tot Ion:146 Resp: 53424
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.4
 148 65.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 33.33 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003491.D
 Acq: 24 Jun 2018 06:13

Tgt Ion:146 Resp: 168843
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.2 57.6
 148 63.3 31.8 95.4

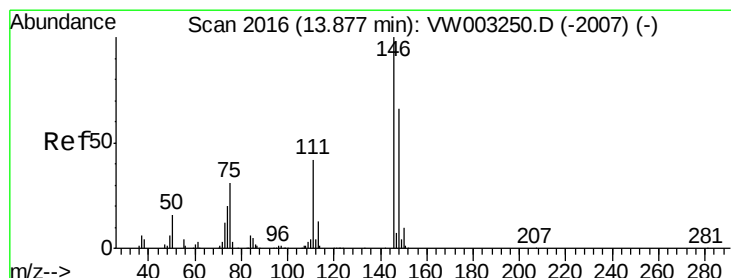
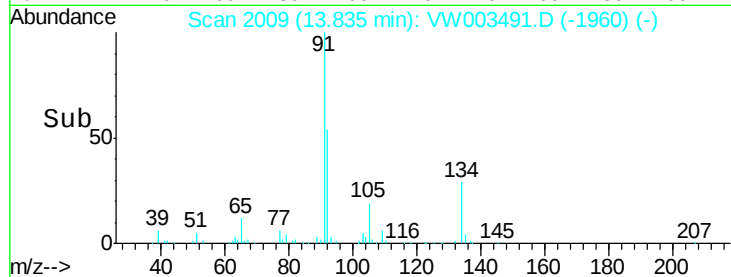
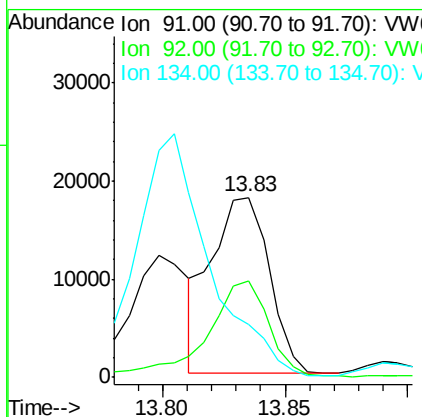
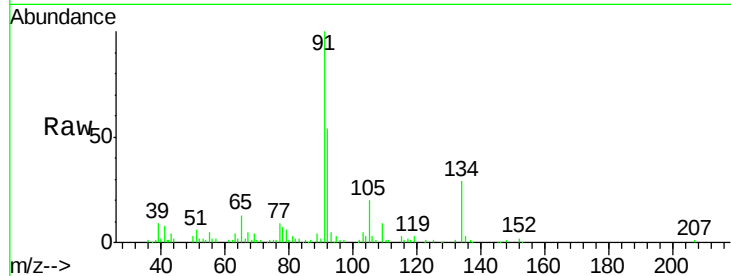




#89
n-Butylbenzene
Concen: 3.02 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

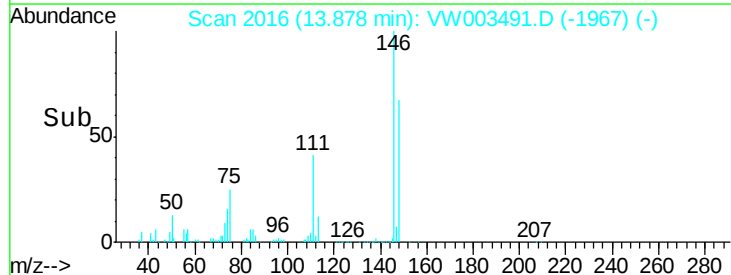
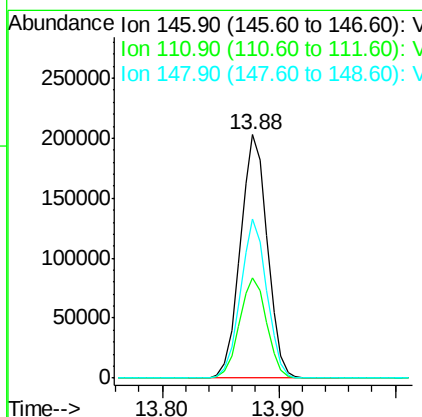
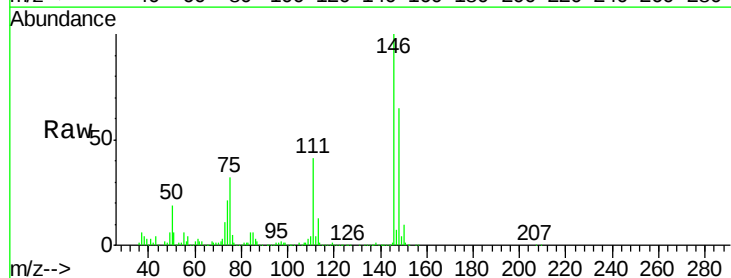
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

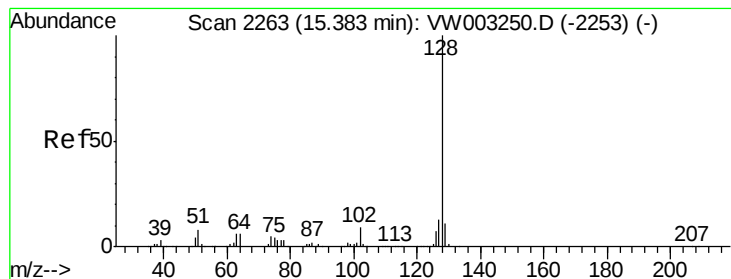
Tot Ion: 91 Resp: 29447
Ion Ratio Lower Upper
91 100
92 56.5 26.0 78.0
134 0.0 12.7 38.0#



#91
1,2-Dichlorobenzene
Concen: 73.35 ug/l
RT: 13.88 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VW003491.D
Acq: 24 Jun 2018 06:13

Tgt Ion: 146 Resp: 327398
Ion Ratio Lower Upper
146 100
111 41.8 20.3 61.0
148 64.0 32.3 96.9





#95

Naphthalene

Concen: 9.82 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003491.D

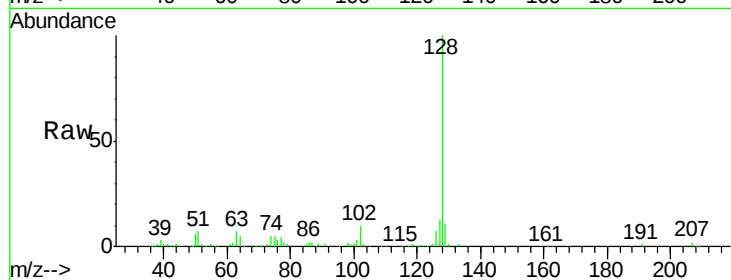
Acq: 24 Jun 2018 06:13

Instrument :

MSVOA_W

ClientSampleId :

WP021SB477-19-21-180621



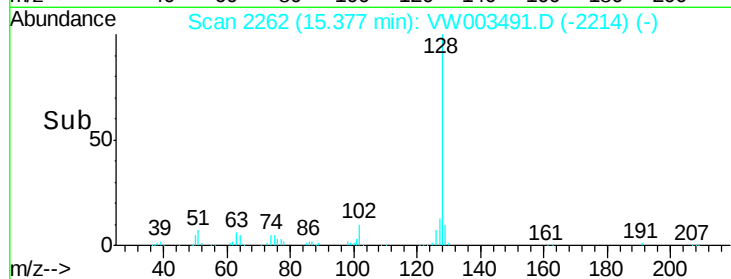
Tot Ion:128 Resp: 52194

Ion Ratio Lower Upper

128 100

127 14.1 10.5 15.7

129 12.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

