

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003489.D
 Acq On : 24 Jun 2018 05:22
 Operator : SY/AP
 Sample : J3670-09
 Misc : 6.21G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-25-27-180621

Quant Time: Jun 25 02:46:40 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	190178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	313807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	144920	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115137	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	
35) Dibromofluoromethane	7.89	113	100671	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	10.33	98	373030	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.62	95	149320	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	

Target Compounds						Qvalue
4) Vinyl Chloride	2.36	62	1785933	843.332	ug/l	100
11) Tert butyl alcohol	5.24	59	21378	193.509	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	96260	55.914	ug/l	97
16) Acetone	4.16	43	5619	13.006	ug/l	96
20) Methylene Chloride	4.90	84	14468	4.547	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	57078	30.464	ug/l	95
24) 1,1-Dichloroethane	6.21	63	68990	19.363	ug/l	98
25) 2-Butanone	7.18	43	1660	3.090	ug/l #	1
27) cis-1,2-Dichloroethene	7.16	96	25332606	12307.887	ug/l #	15
28) Bromochloromethane	7.68	49	4587	3.094	ug/l #	15
29) Tetrahydrofuran	7.55	42	3681	11.211	ug/l #	86
30) Chloroform	7.68	83	52100	14.353	ug/l	98
31) Cyclohexane	7.95	56	8837	2.655	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	15360	5.068	ug/l #	52
38) Carbon Tetrachloride	7.95	117	19260	6.479	ug/l #	16
39) Methylcyclohexane	9.34	83	16271	4.640	ug/l	93
40) Benzene	8.33	78	309722	37.077	ug/l	100
42) 1,2-Dichloroethane	8.40	62	56196	21.472	ug/l	96
43) Isopropyl Acetate	8.42	43	3638	1.459	ug/l #	1
44) Trichloroethene	9.10	130	10999140	4969.110	ug/l	96
45) 1,2-Dichloropropane	9.09	63	26604	12.508	ug/l #	1
49) 1,4-Dioxane	9.48	88	13204	803.075	ug/l #	1
52) Toluene	10.40	92	25788	4.814	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	80687	52.583	ug/l	98
59) 2-Hexanone	10.84	43	53311	60.075	ug/l	74
64) Tetrachloroethene	10.87	164	16372	8.449	ug/l	99
65) Chlorobenzene	11.66	112	945631	156.751	ug/l	100
68) m/p-Xylenes	11.85	106	10422	2.564	ug/l	91
73) Isopropylbenzene	12.47	105	41476	4.115	ug/l	96
74) N-amyl acetate	12.26	43	3990	1.739	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.74	83	43510	25.515	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	76687	61.899	ug/l #	100
77) Bromobenzene	12.95	156	95965	40.880	ug/l #	1
78) n-propylbenzene	12.81	91	19111	1.548	ug/l	100

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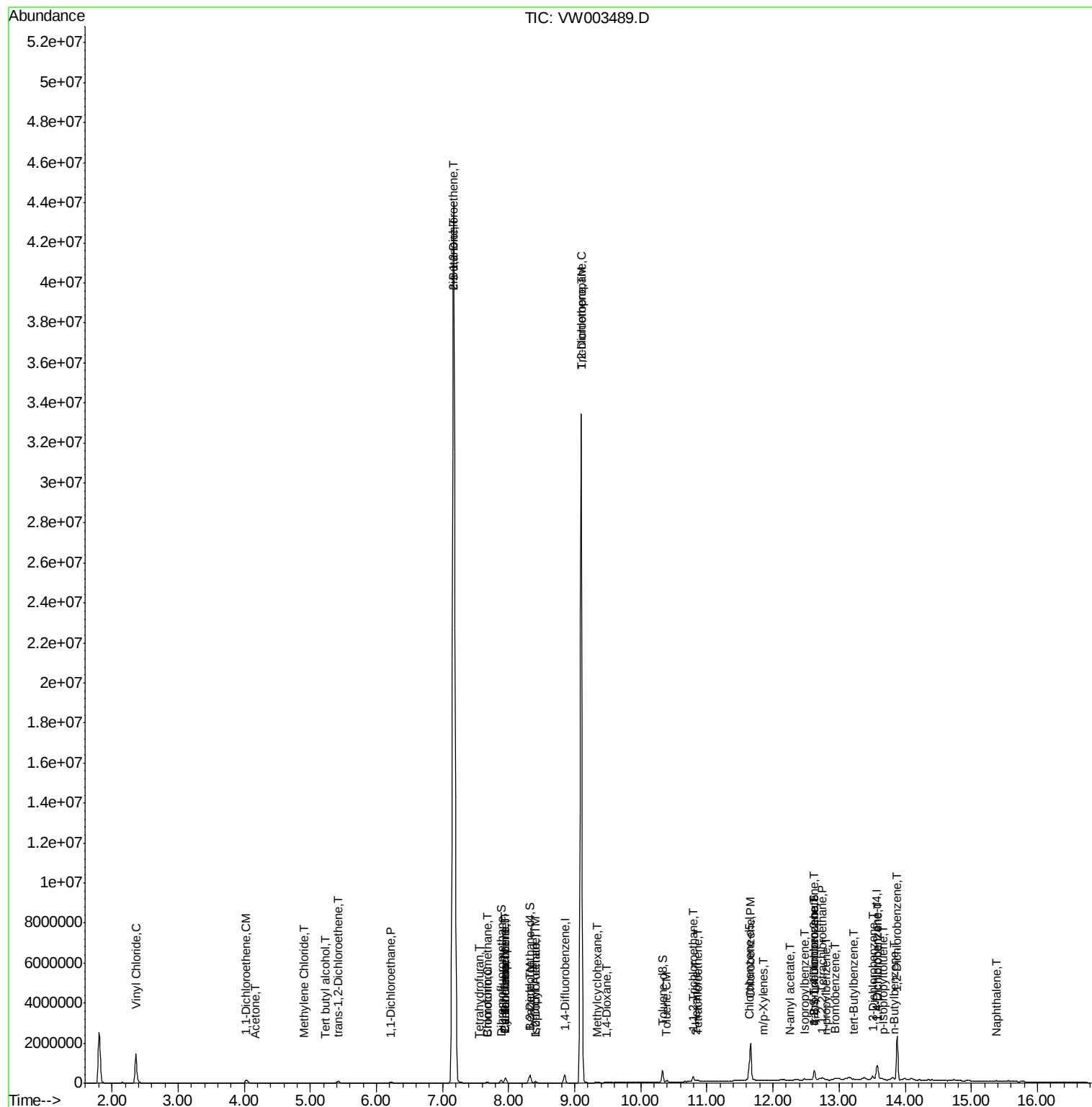
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.62	75	76687	142.434	ug/l #	9
83) tert-Butylbenzene	13.21	119	17700	2.455	ug/l	82
86) p-Isopropyltoluene	13.66	119	15807	1.672	ug/l	89
87) 1,3-Dichlorobenzene	13.51	146	52453	10.877	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	201369	42.003	ug/l	98
89) n-Butylbenzene	13.84	91	12096	1.313	ug/l	85
91) 1,2-Dichlorobenzene	13.88	146	872351	206.509	ug/l	99
95) Naphthalene	15.38	128	31593	6.280	ug/l	97

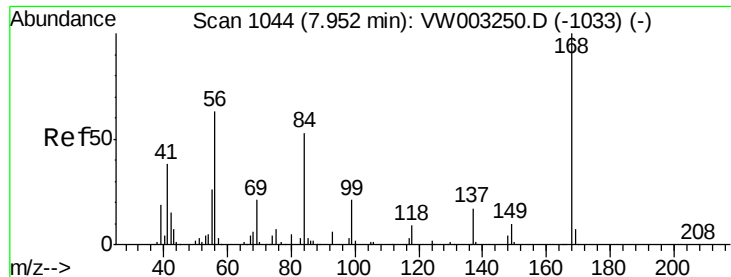
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

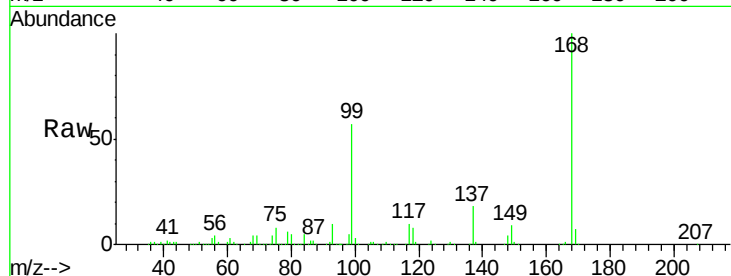
WP021SB487-25-27-180621

Tgt Ion:168 Resp: 190178

Ion Ratio Lower Upper

168 100

99 57.5 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

80000

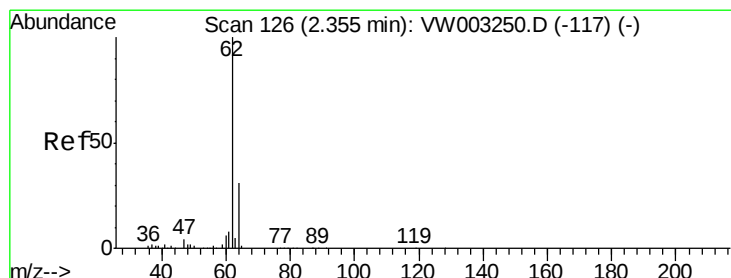
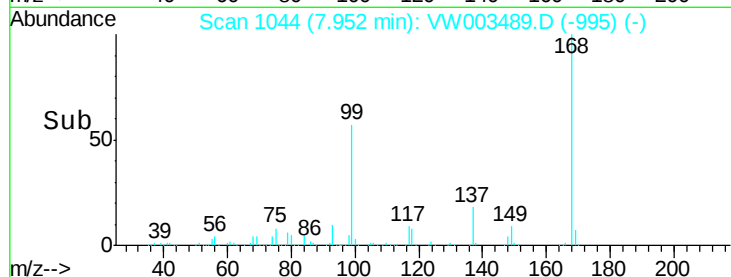
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 843.332 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003489.D

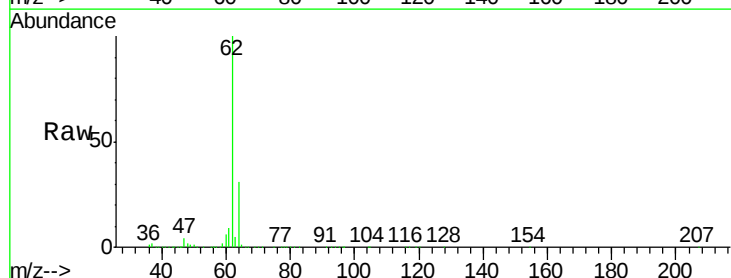
Acq: 24 Jun 2018 05:22

Tgt Ion: 62 Resp: 1785933

Ion Ratio Lower Upper

62 100

64 31.2 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

800000

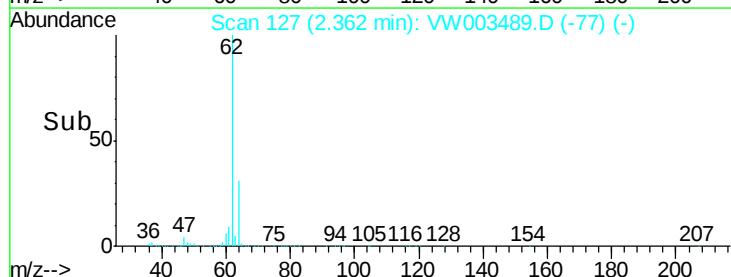
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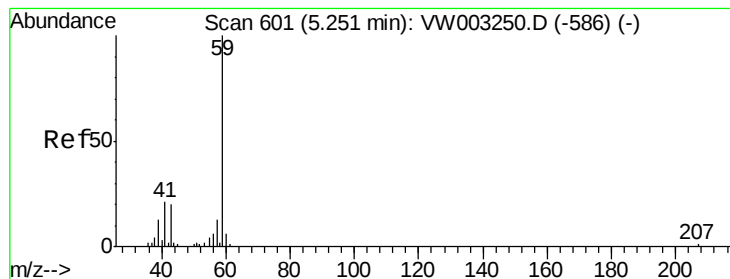
400000

200000

0

Time-->





#11

Tert butyl alcohol

Concen: 193.509 ug/l

RT: 5.24 min Scan# 599

Delta R.T. -0.01 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

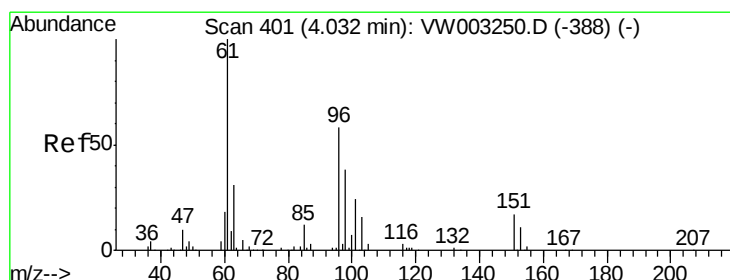
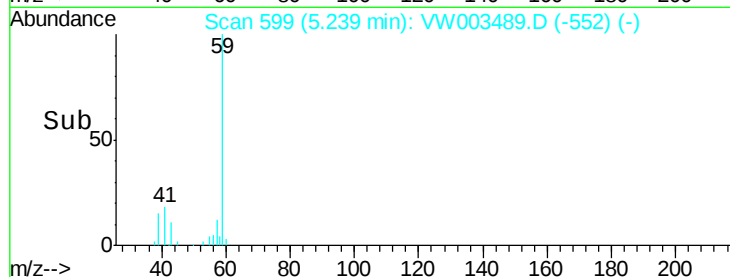
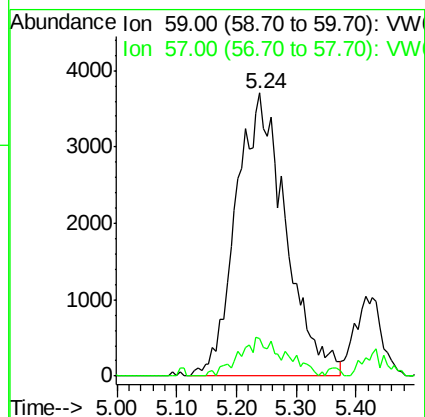
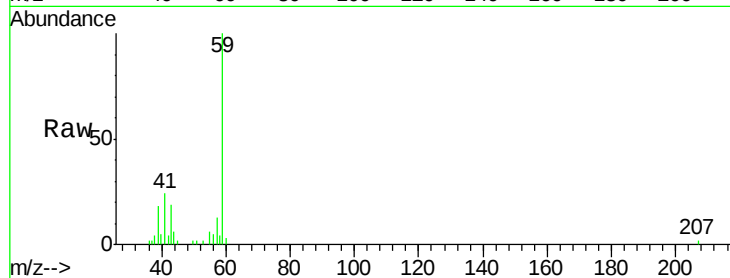
WP021SB487-25-27-180621

Tgt Ion: 59 Resp: 21378

Ion Ratio Lower Upper

59 100

57 9.5 4.2 6.2#



#12

1,1-Dichloroethene

Concen: 55.914 ug/l

RT: 4.04 min Scan# 402

Delta R.T. 0.01 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

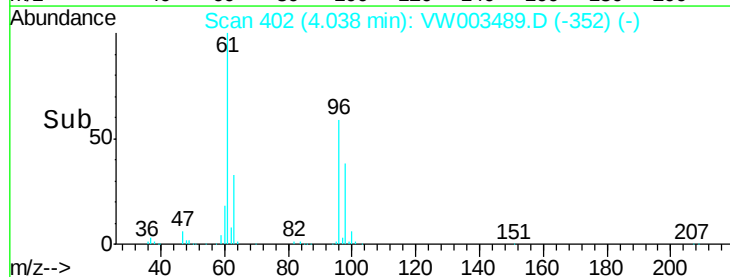
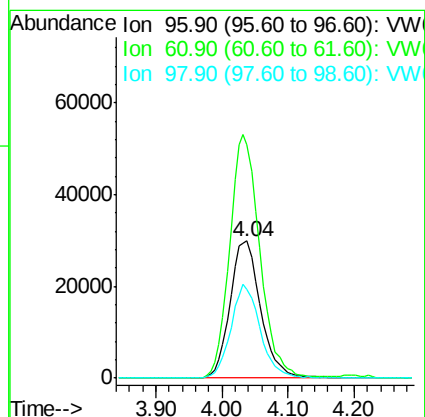
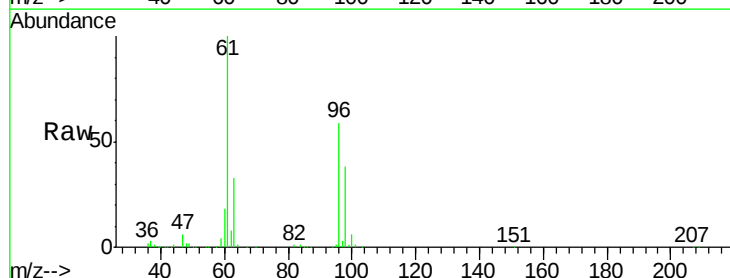
Tgt Ion: 96 Resp: 96260

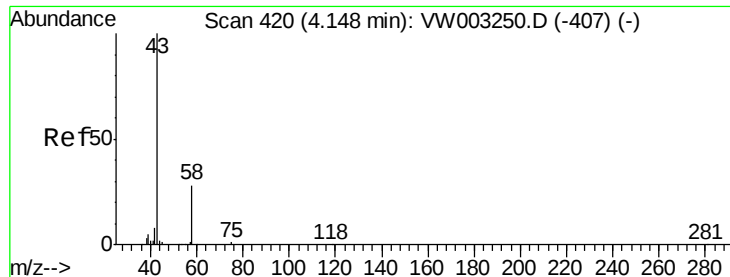
Ion Ratio Lower Upper

96 100

61 169.9 139.0 208.4

98 64.8 53.3 79.9





#16

Acetone

Concen: 13.006 ug/l

RT: 4.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

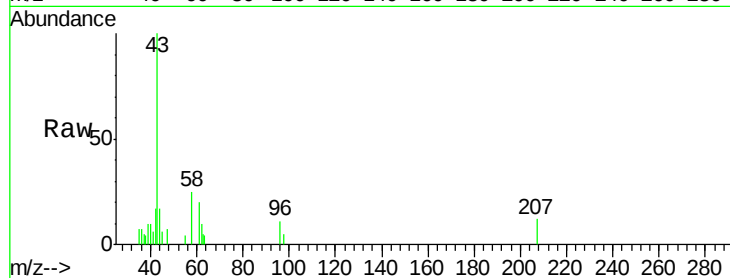
WP021SB487-25-27-180621

Tgt Ion: 43 Resp: 5619

Ion Ratio Lower Upper

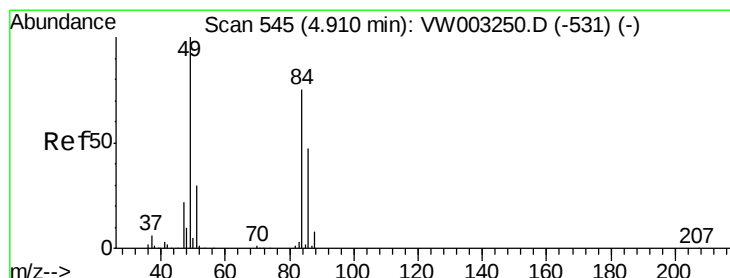
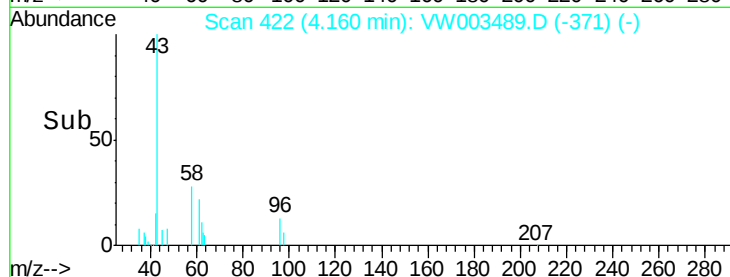
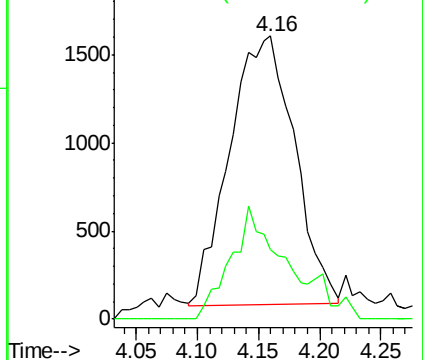
43 100

58 26.1 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 4.547 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Tgt Ion: 84 Resp: 14468

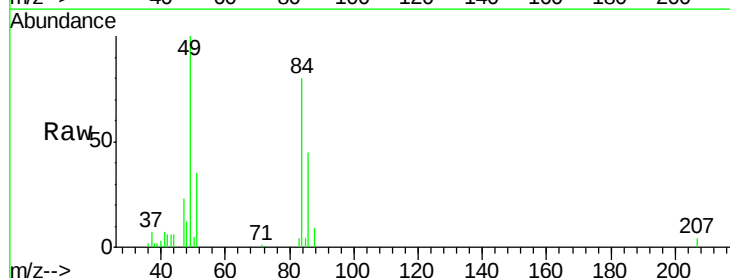
Ion Ratio Lower Upper

84 100

49 124.3 106.3 159.5

51 43.5 32.0 48.0

86 55.7 49.9 74.9

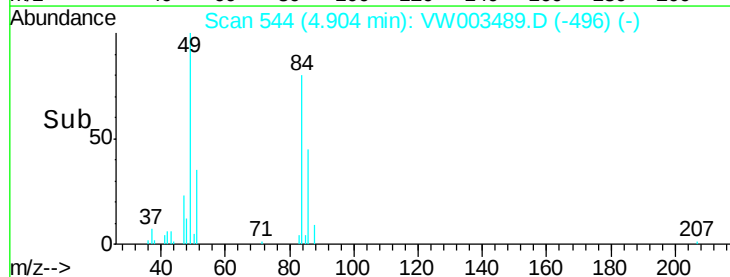
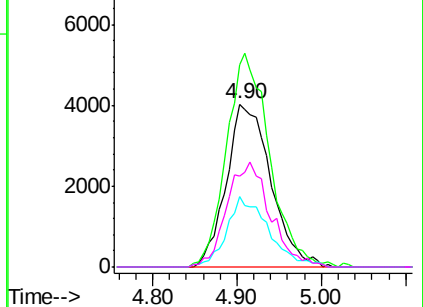


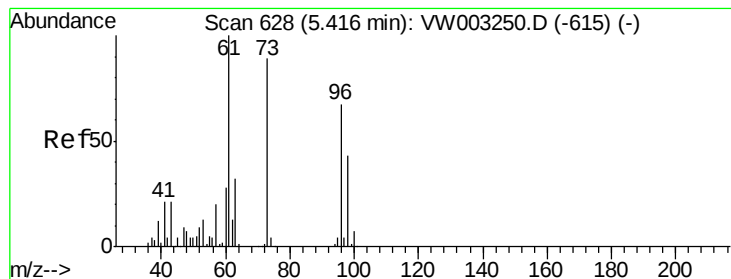
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 30.464 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

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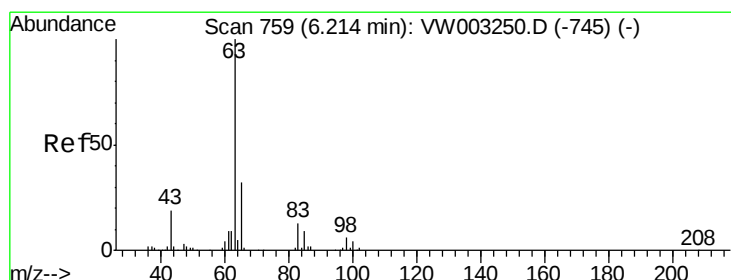
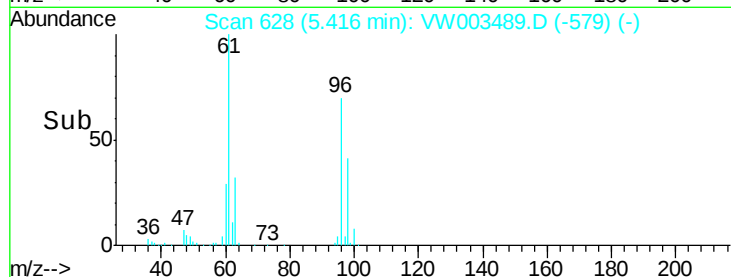
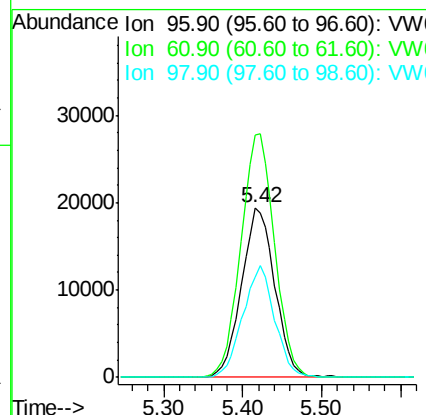
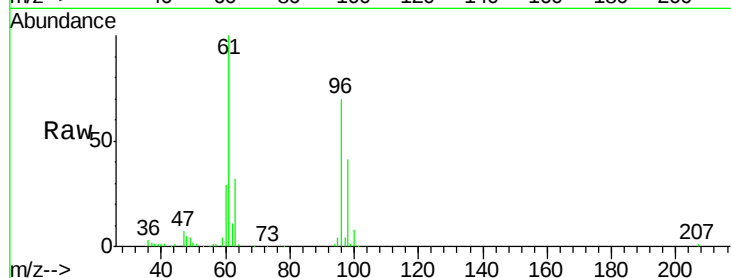
Tgt Ion: 96 Resp: 57078

Ion Ratio Lower Upper

96 100

61 142.4 118.7 178.1

98 58.8 51.0 76.6



#24

1,1-Dichloroethane

Concen: 19.363 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

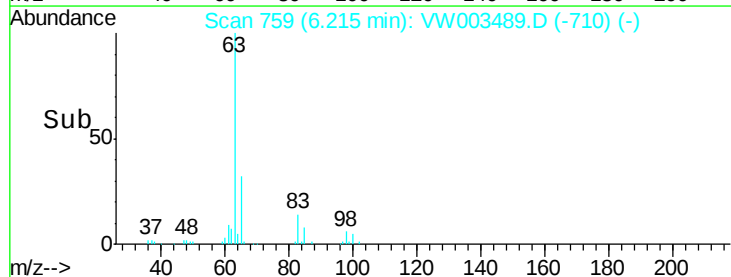
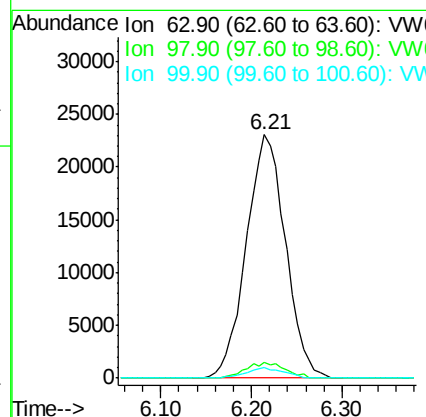
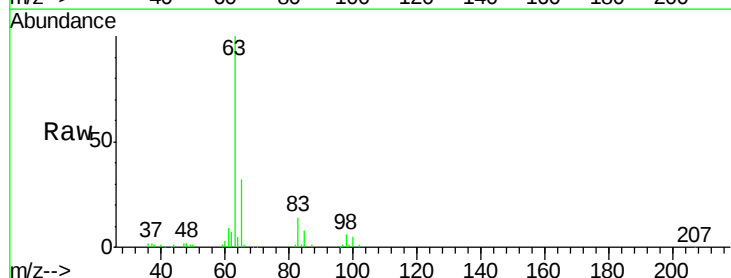
Tgt Ion: 63 Resp: 68990

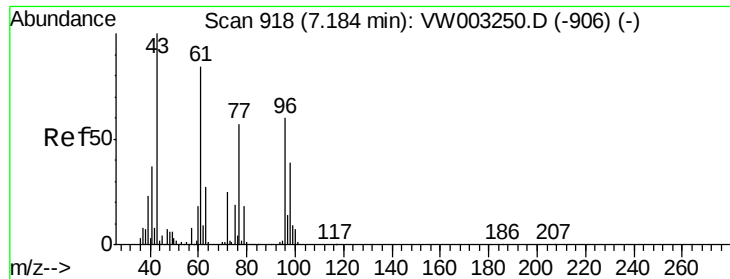
Ion Ratio Lower Upper

63 100

98 6.4 2.8 8.3

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 3.090 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

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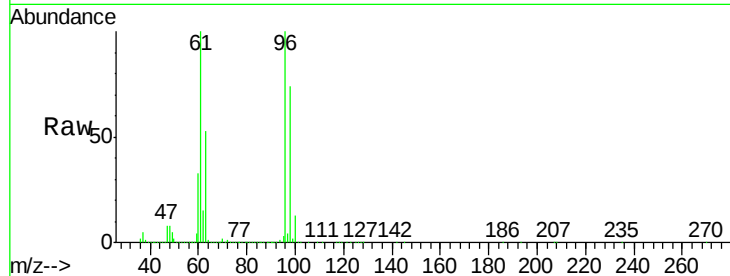
WP021SB487-25-27-180621

Tgt Ion: 43 Resp: 1660

Ion Ratio Lower Upper

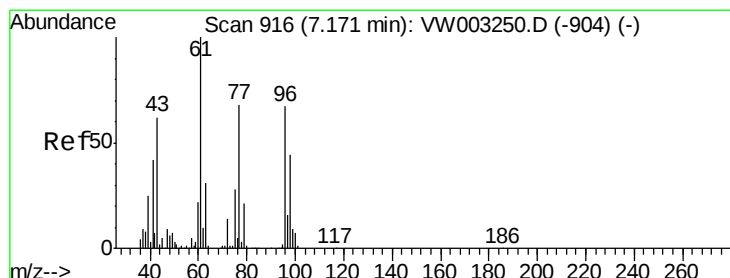
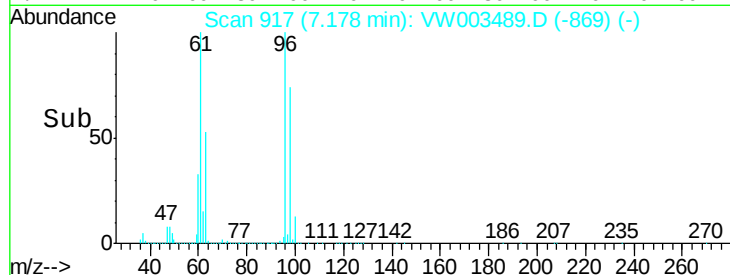
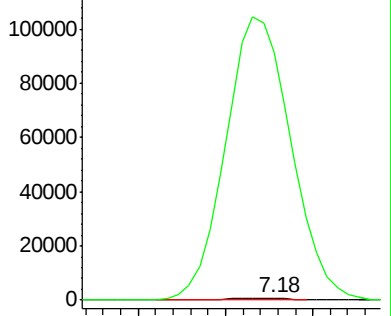
43 100

72 15835.2 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#27

cis-1,2-Dichloroethene

Concen: 12307.887 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

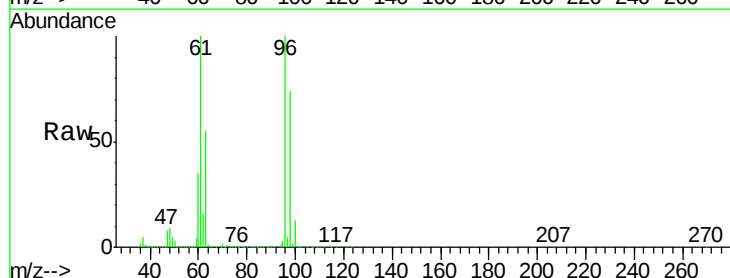
Tgt Ion: 96 Resp: 25332606

Ion Ratio Lower Upper

96 100

61 0.0 0.0 298.8

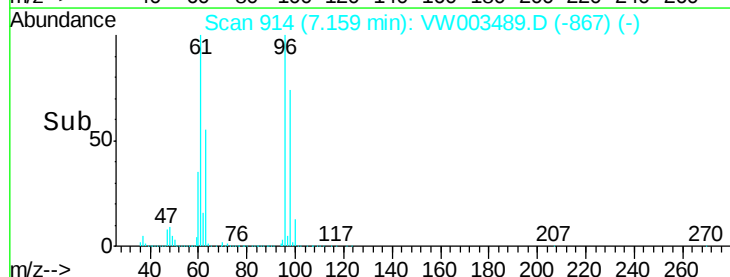
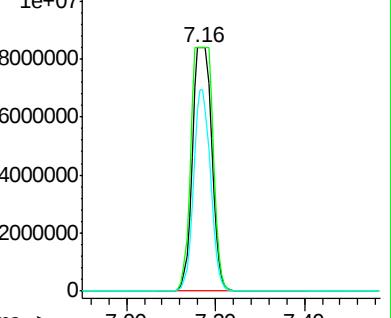
98 72.1 0.0 130.4

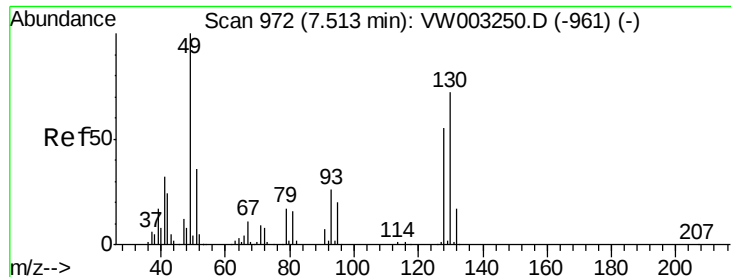


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#28

Bromochloromethane

Concen: 3.094 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.16 min

Lab File: VW003489.D

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WP021SB487-25-27-180621

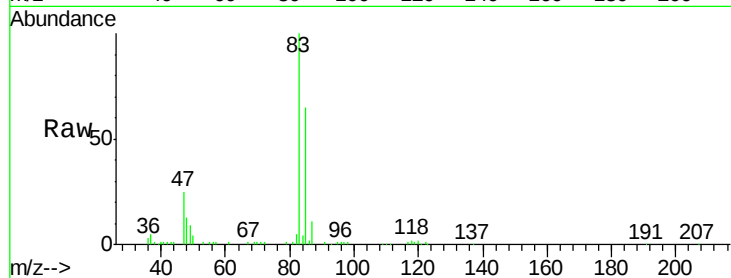
Tgt Ion: 49 Resp: 4587

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

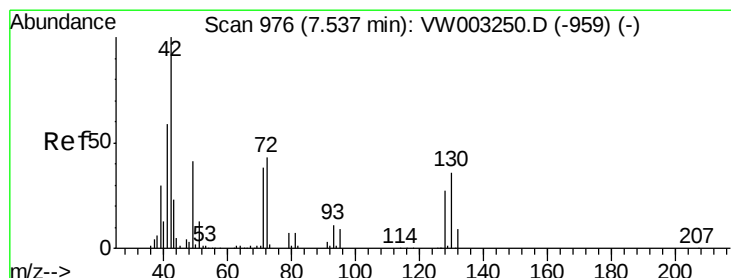
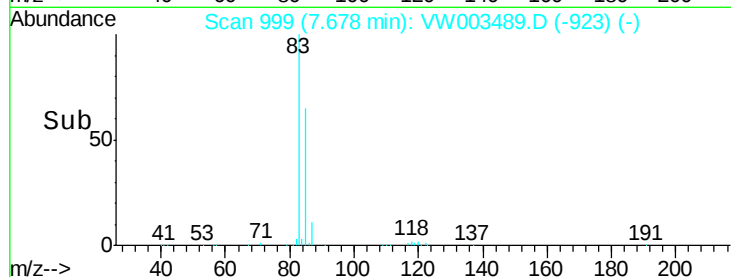
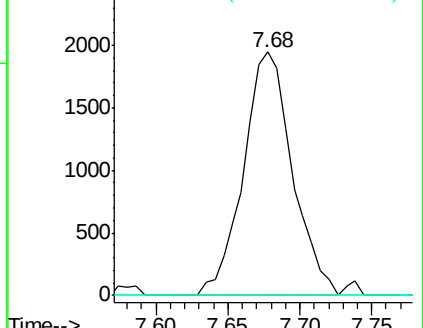
130 0.0 59.4 89.2#



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 11.211 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

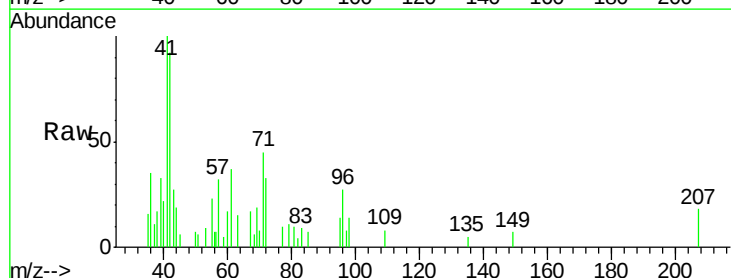
Tgt Ion: 42 Resp: 3681

Ion Ratio Lower Upper

42 100

72 31.1 32.4 48.6#

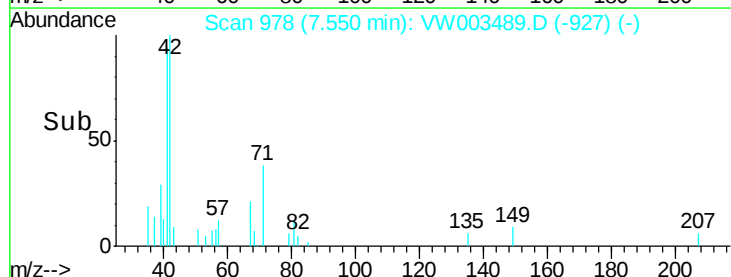
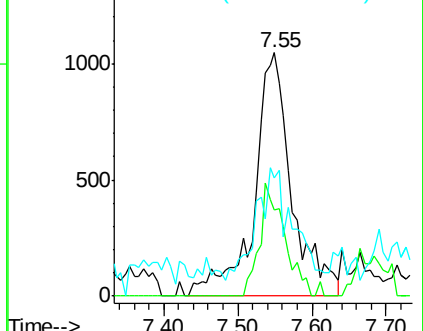
71 46.3 31.2 46.8

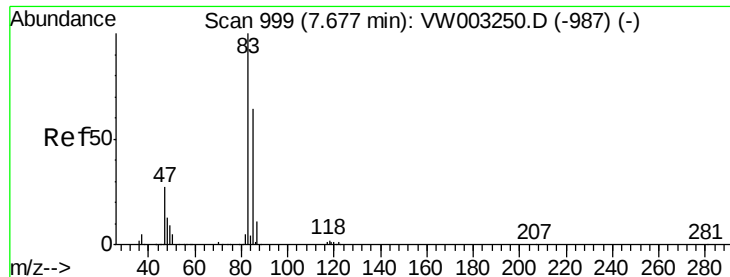


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

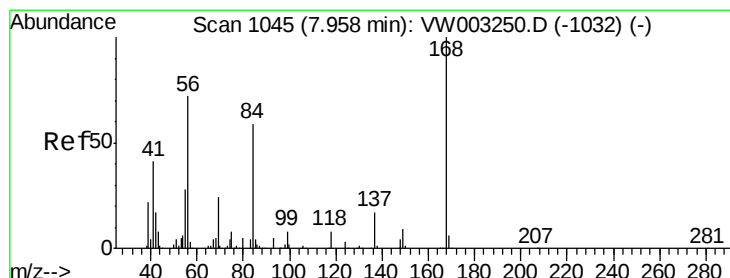
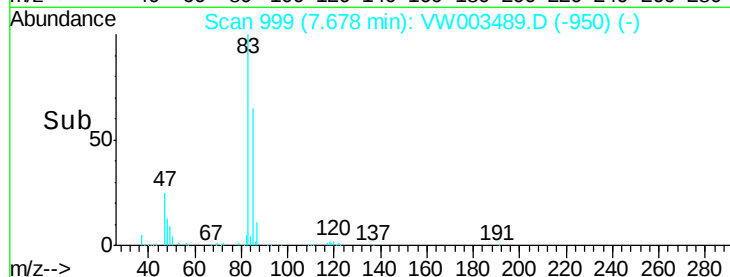
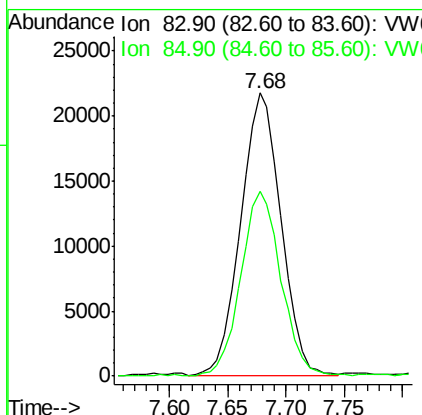
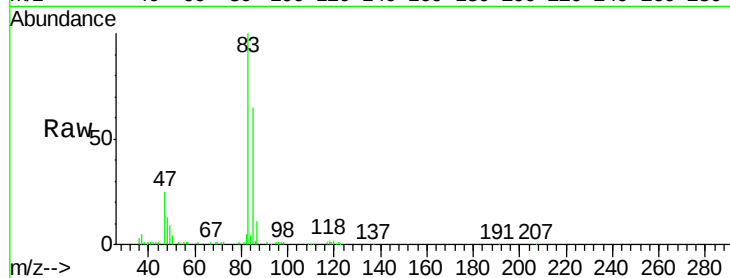




#30
Chloroform
Concen: 14.353 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003489.D
Acq: 24 Jun 2018 05:22

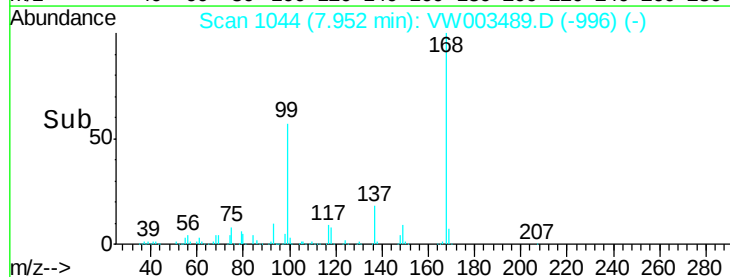
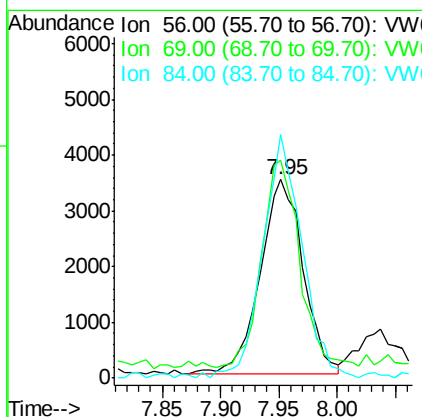
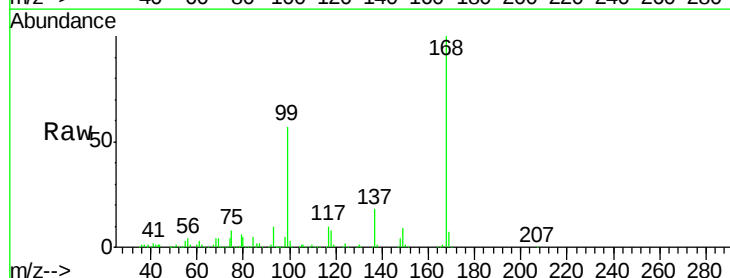
Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-25-27-180621

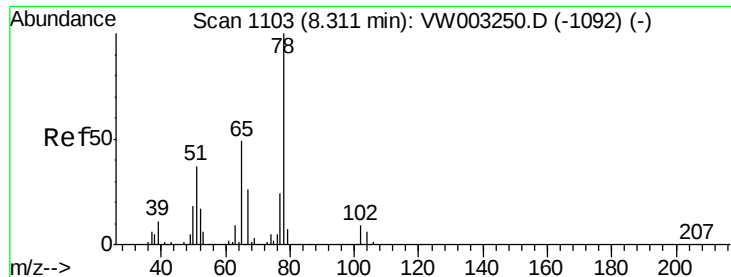
Tgt Ion: 83 Resp: 52100
Ion Ratio Lower Upper
83 100
85 65.5 51.3 76.9



#31
Cyclohexane
Concen: 2.655 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003489.D
Acq: 24 Jun 2018 05:22

Tgt Ion: 56 Resp: 8837
Ion Ratio Lower Upper
56 100
69 103.4 26.3 39.5#
84 123.8 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 55.894 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

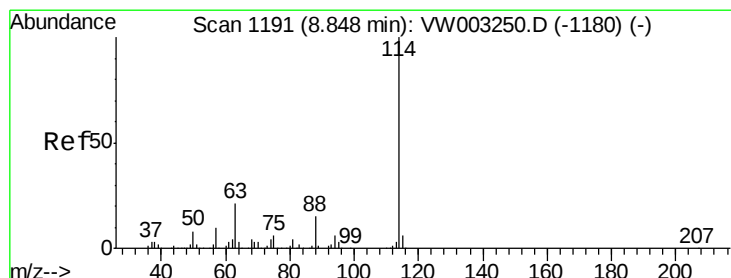
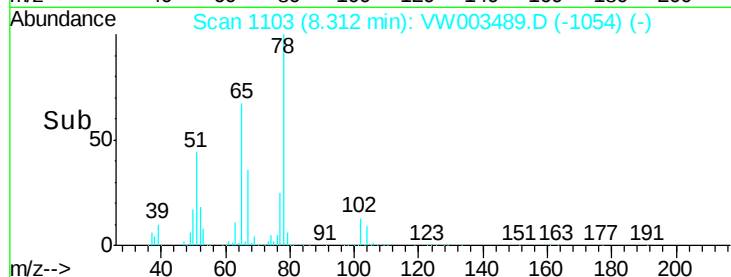
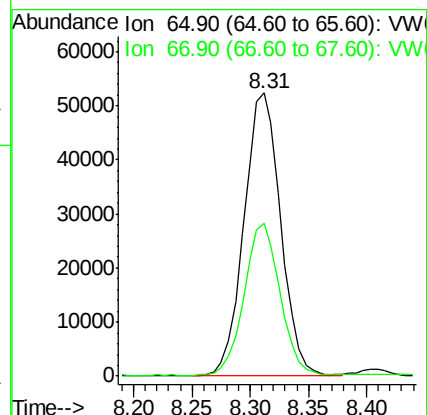
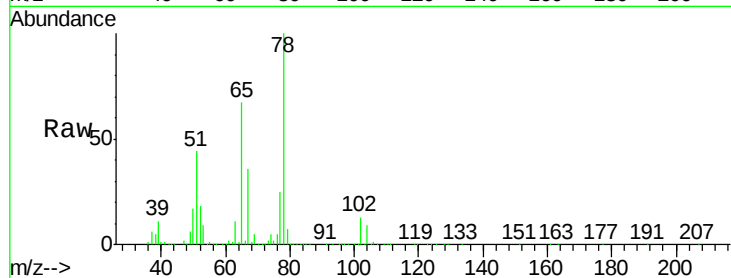
WP021SB487-25-27-180621

Tgt Ion: 65 Resp: 115137

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

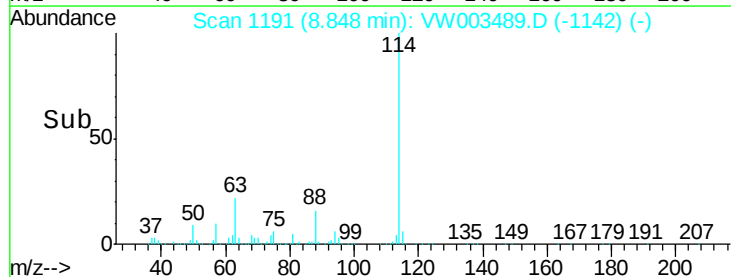
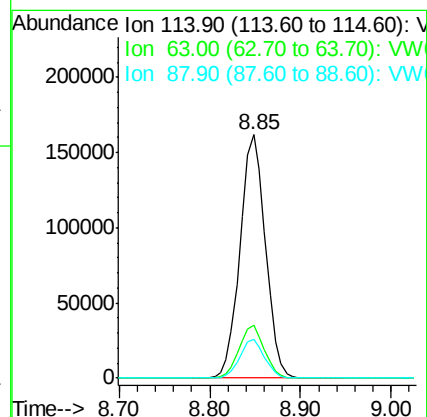
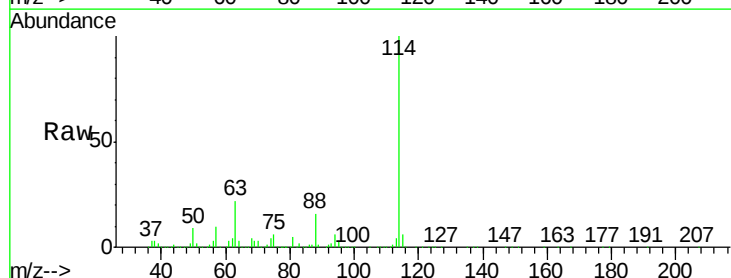
Tgt Ion: 114 Resp: 313807

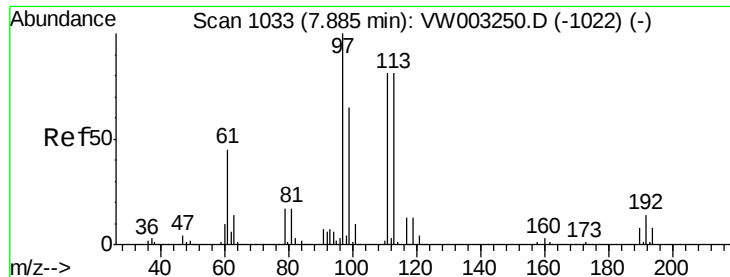
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.0

88 15.7 0.0 29.6

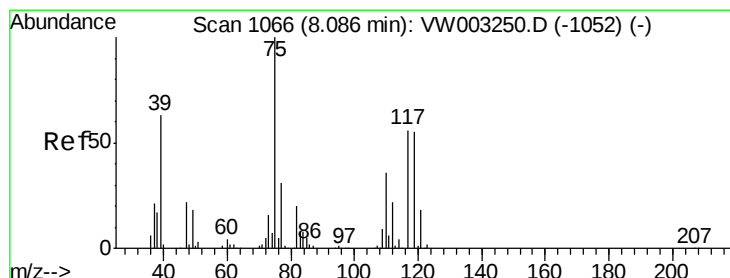
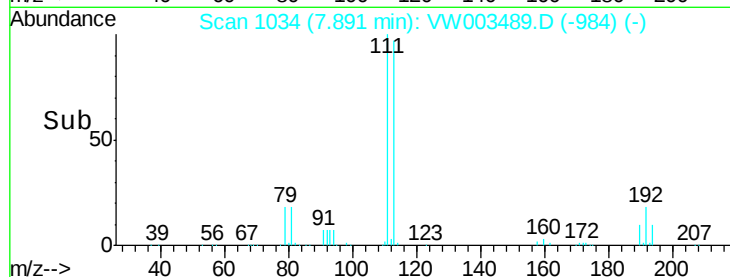
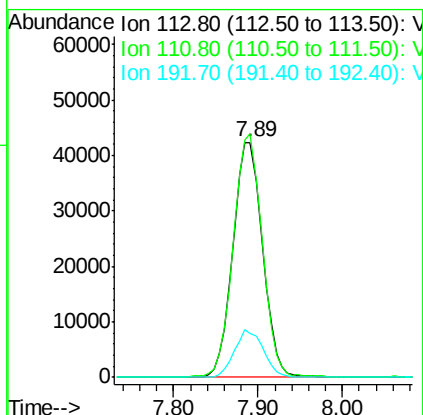
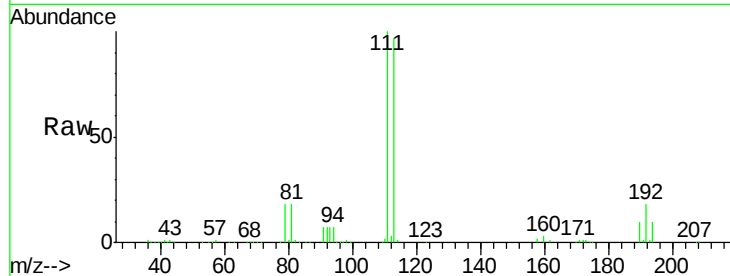




#35
 Dibromofluoromethane
 Concen: 51.629 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003489.D
 Acq: 24 Jun 2018 05:22

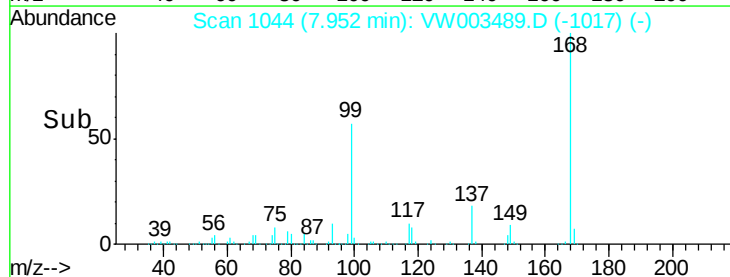
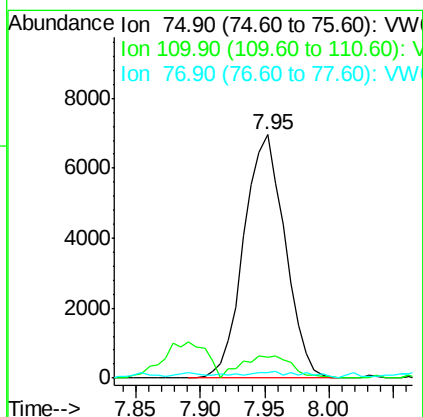
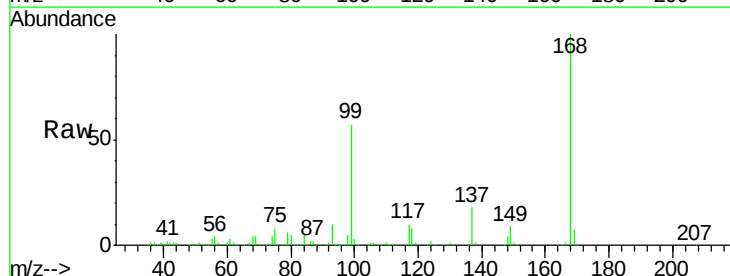
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-25-27-180621

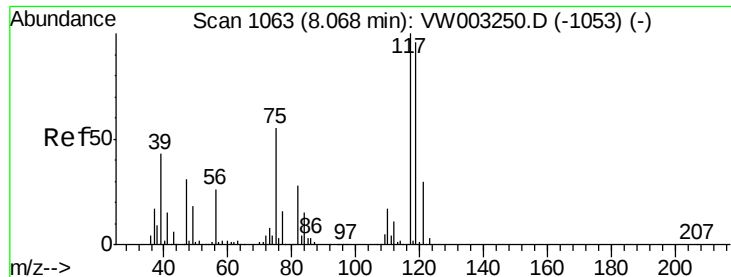
Tgt Ion:113 Resp: 100671
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.2
 192 19.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.068 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003489.D
 Acq: 24 Jun 2018 05:22

Tgt Ion: 75 Resp: 15360
 Ion Ratio Lower Upper
 75 100
 110 11.4 17.1 51.3#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.479 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-25-27-180621

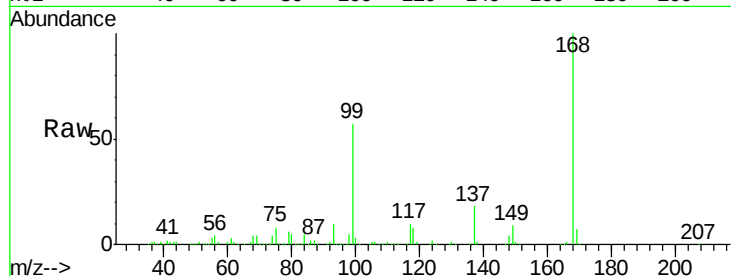
Tgt Ion:117 Resp: 19260

Ion Ratio Lower Upper

117 100

119 5.6 76.6 115.0#

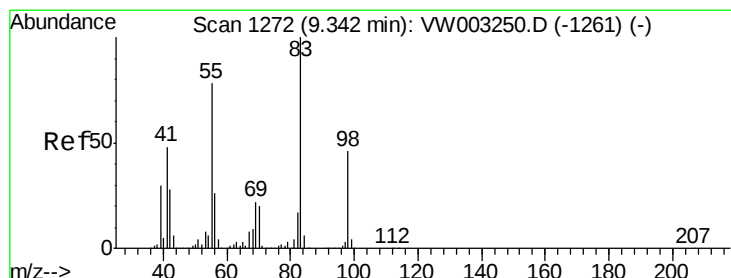
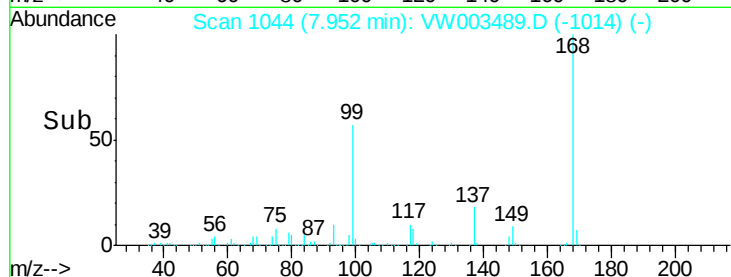
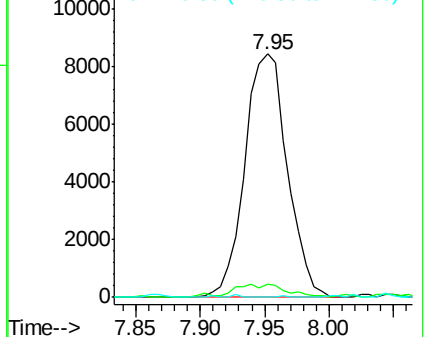
121 0.0 23.9 35.9#



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: 4.640 ug/l

RT: 9.34 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

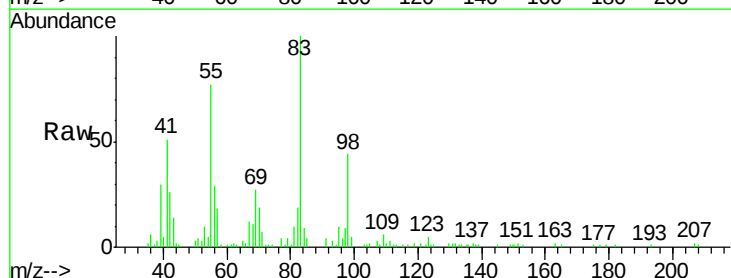
Tgt Ion: 83 Resp: 16271

Ion Ratio Lower Upper

83 100

55 69.1 62.6 93.8

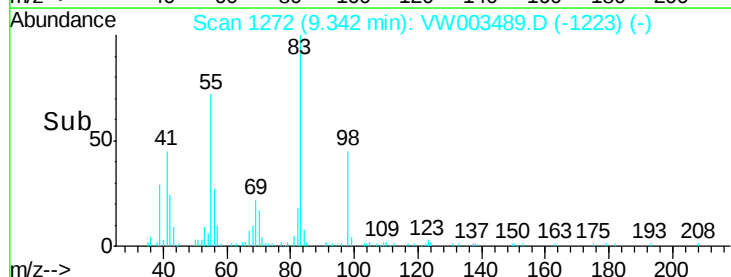
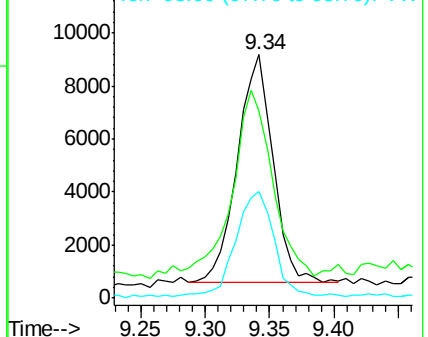
98 46.0 37.0 55.4

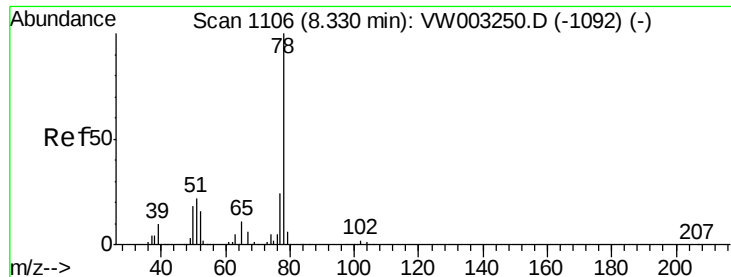


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 37.077 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

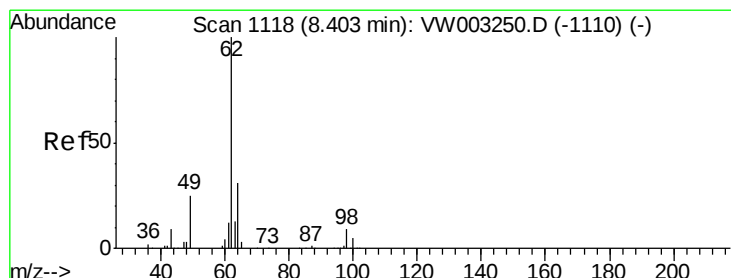
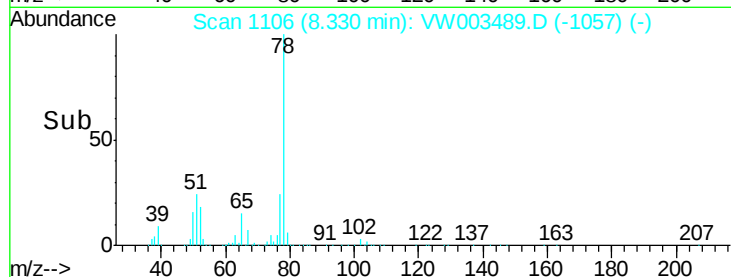
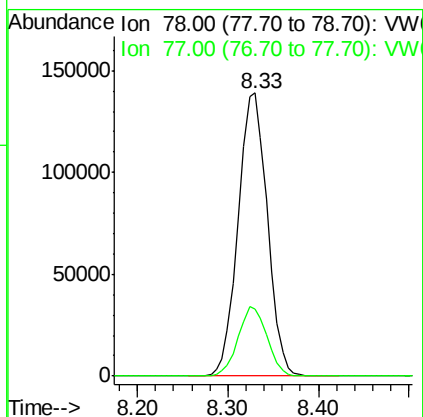
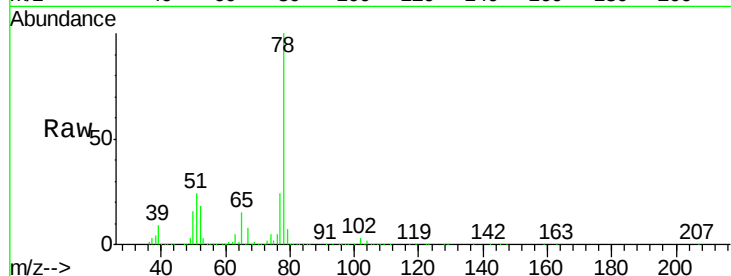
WP021SB487-25-27-180621

Tgt Ion: 78 Resp: 309722

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6



#42

1,2-Dichloroethane

Concen: 21.472 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW003489.D

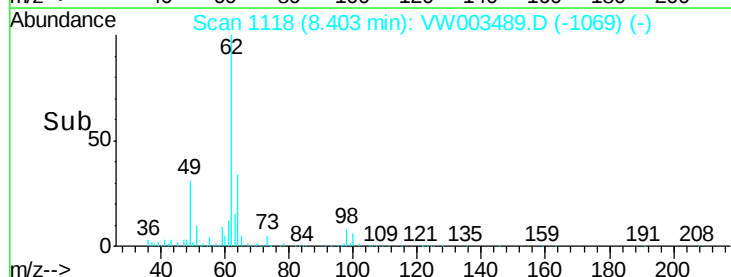
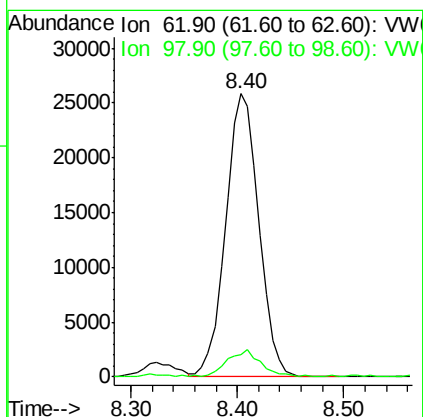
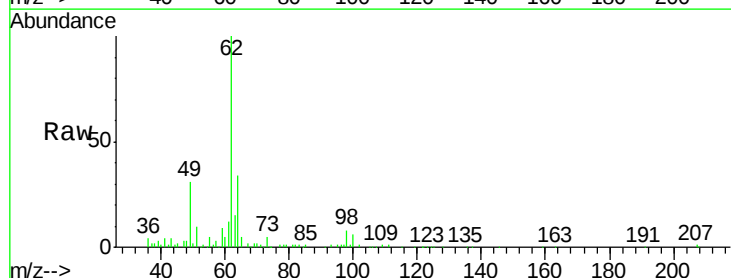
Acq: 24 Jun 2018 05:22

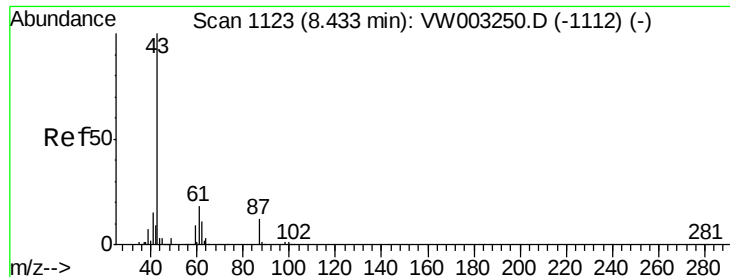
Tgt Ion: 62 Resp: 56196

Ion Ratio Lower Upper

62 100

98 10.0 0.0 17.2





#43

Isopropyl Acetate

Concen: 1.459 ug/l

RT: 8.42 min Scan# 1120

Delta R.T. -0.02 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-25-27-180621

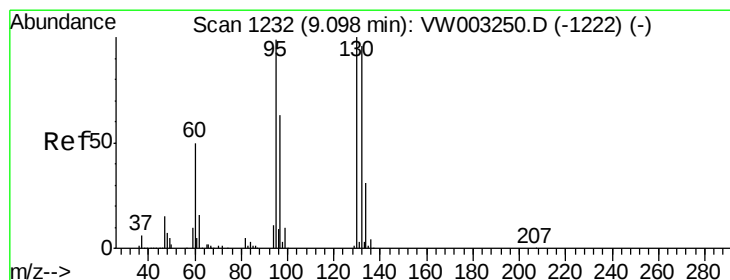
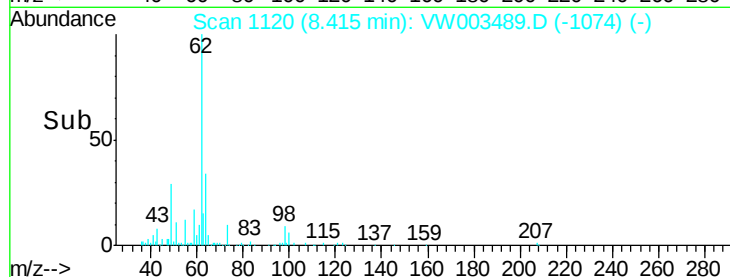
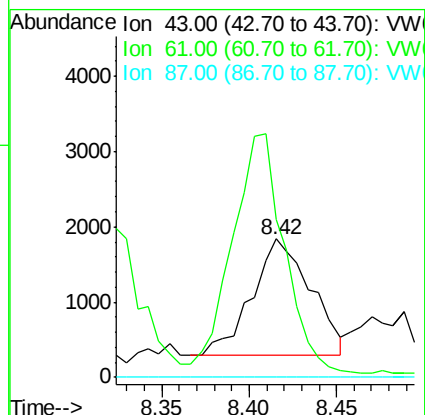
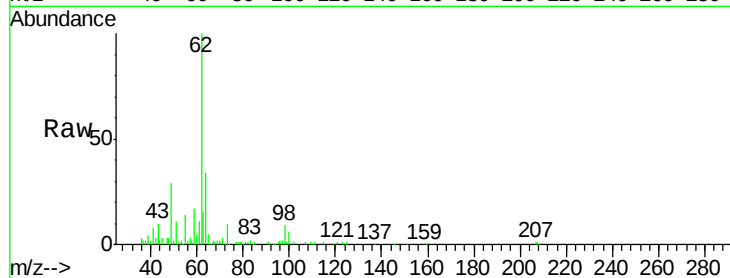
Tgt Ion: 43 Resp: 3638

Ion Ratio Lower Upper

43 100

61 183.4 23.1 34.7#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 4969.110 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003489.D

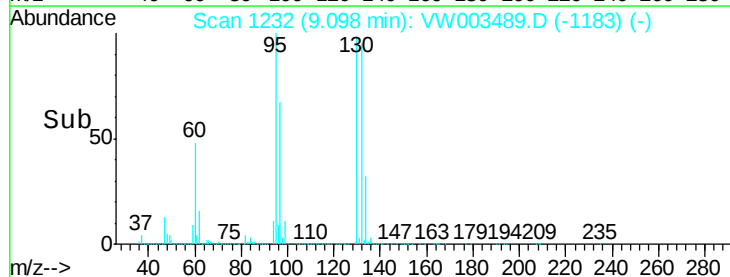
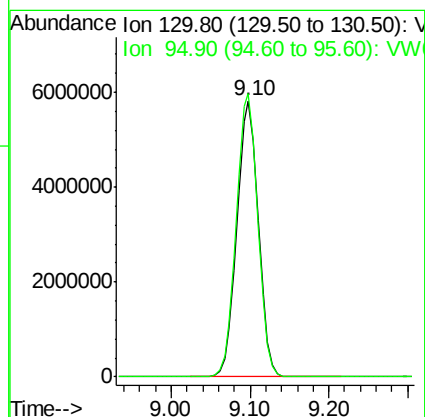
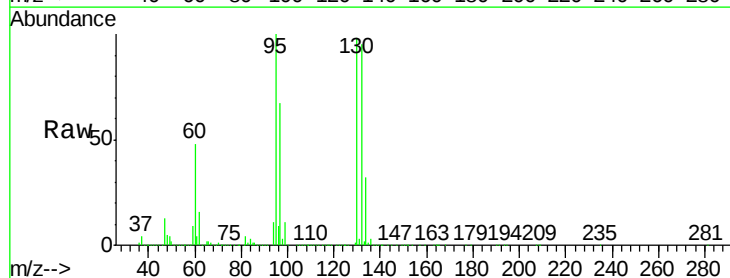
Acq: 24 Jun 2018 05:22

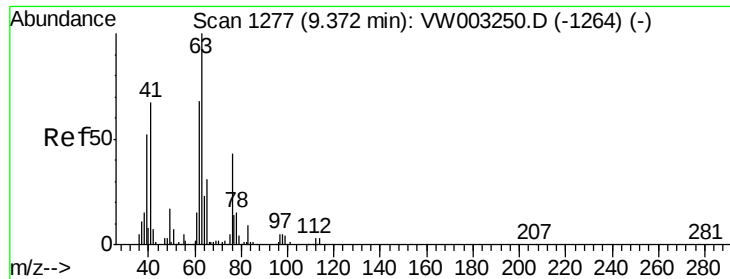
Tgt Ion: 130 Resp: 10999140

Ion Ratio Lower Upper

130 100

95 102.5 0.0 198.0





#45

1,2-Dichloropropane

Concen: 12.508 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.28 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

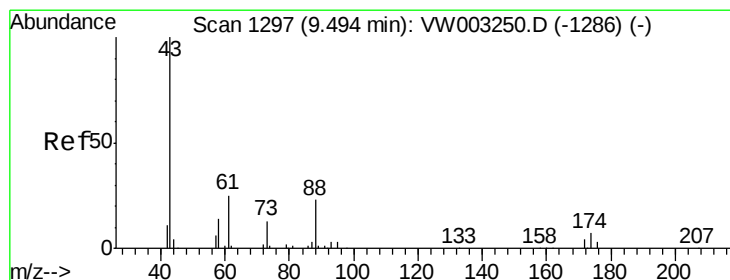
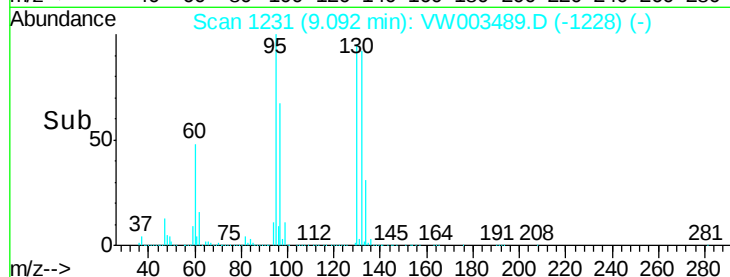
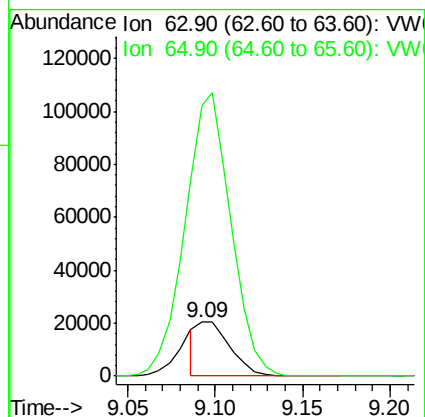
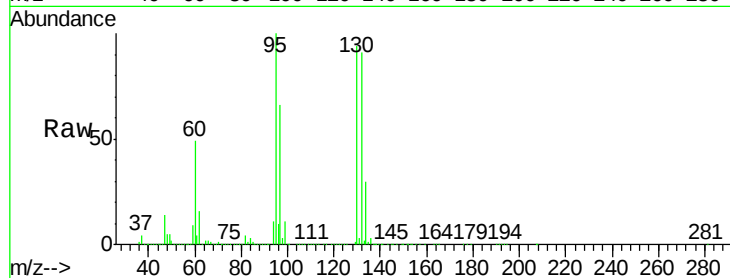
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Tgt Ion: 63 Resp: 26604

Ion Ratio Lower Upper

63 100

65 500.3 25.1 37.7#



#49

1,4-Dioxane

Concen: 803.075 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. -0.01 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

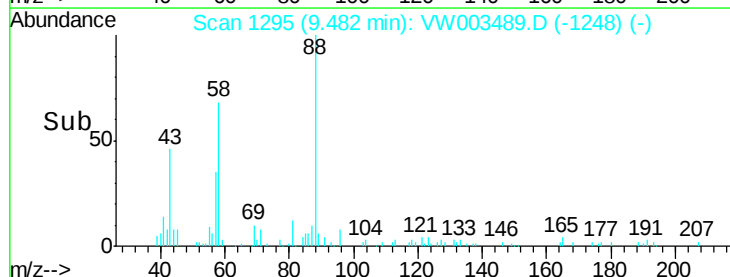
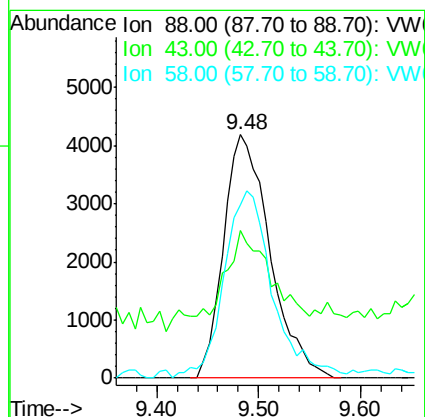
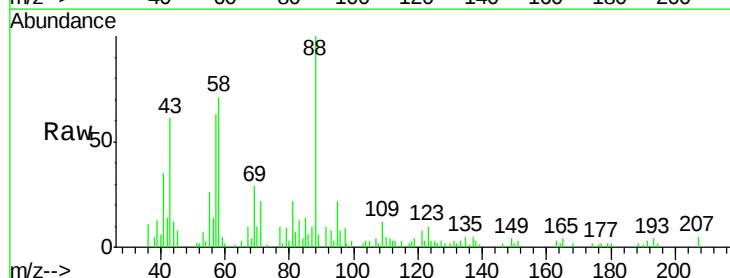
Tgt Ion: 88 Resp: 13204

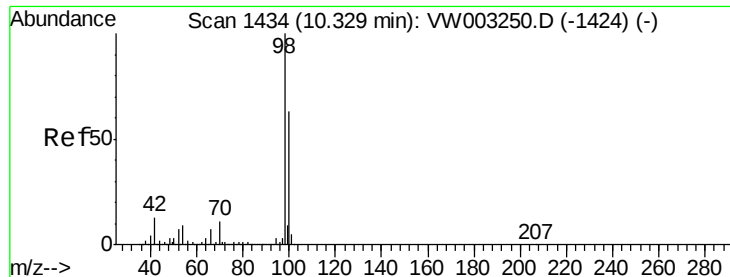
Ion Ratio Lower Upper

88 100

43 32.5 454.7 682.1#

58 80.6 58.6 88.0





#50

Toluene-d8

Concen: 48.246 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

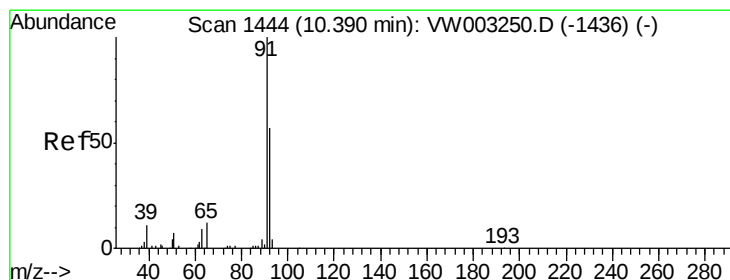
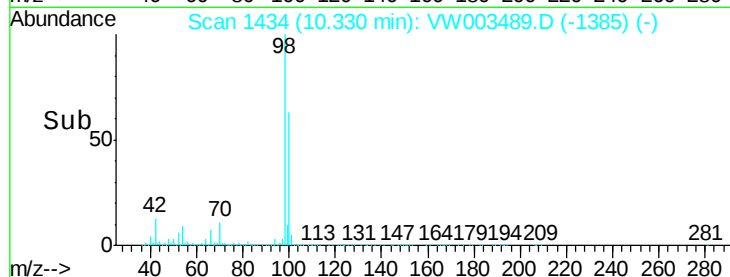
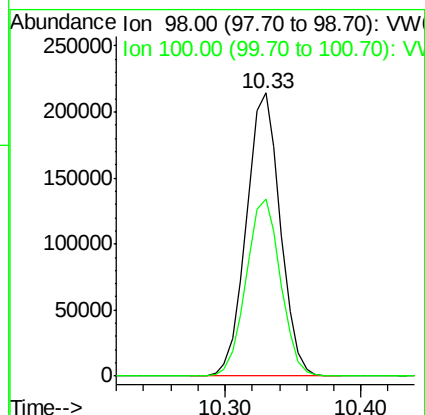
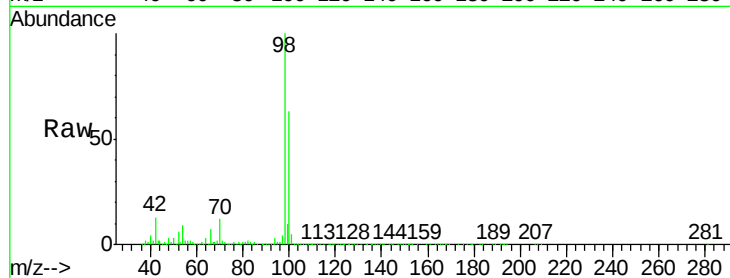
WP021SB487-25-27-180621

Tgt Ion: 98 Resp: 373030

Ion Ratio Lower Upper

98 100

100 63.6 50.8 76.2



#52

Toluene

Concen: 4.814 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW003489.D

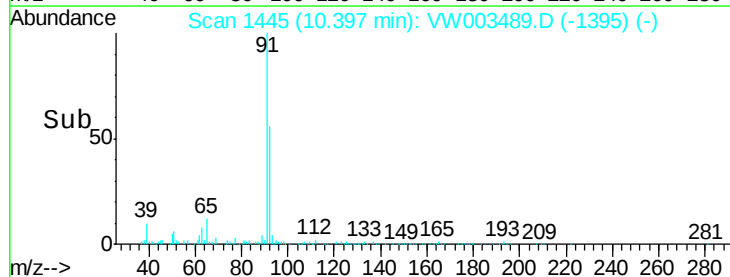
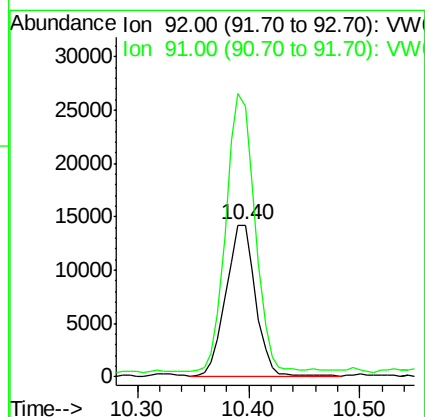
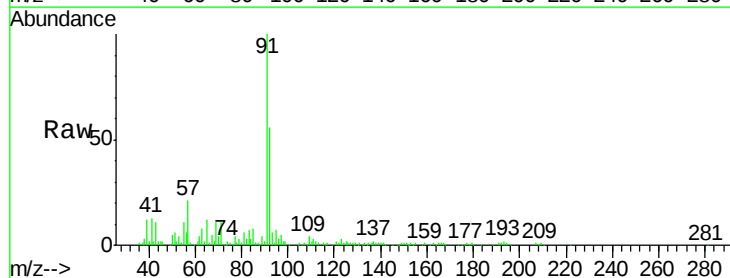
Acq: 24 Jun 2018 05:22

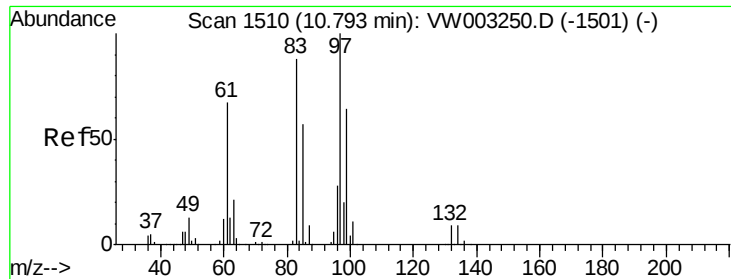
Tgt Ion: 92 Resp: 25788

Ion Ratio Lower Upper

92 100

91 181.0 141.1 211.7

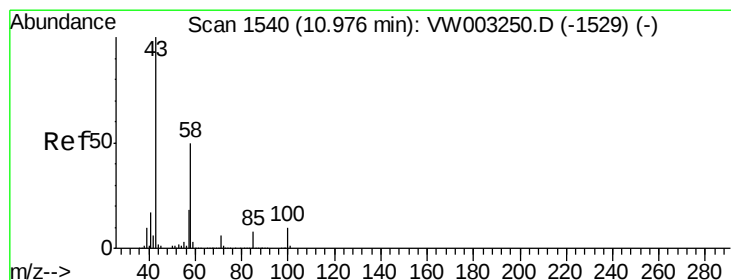
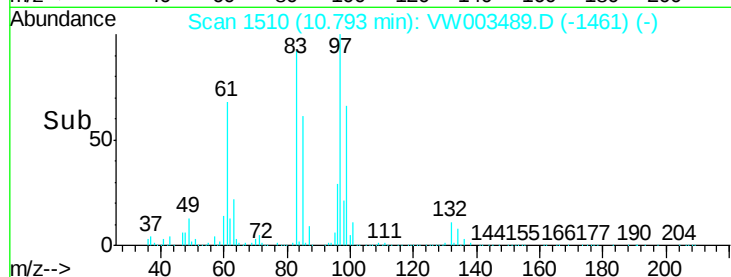
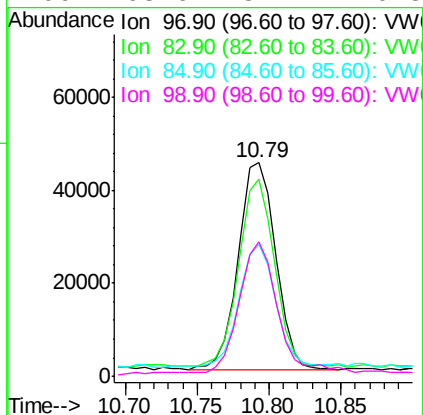
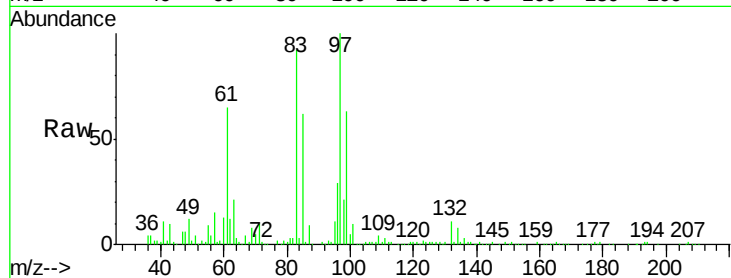




#55
 1,1,2-Trichloroethane
 Concen: 52.583 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003489.D
 Acq: 24 Jun 2018 05:22

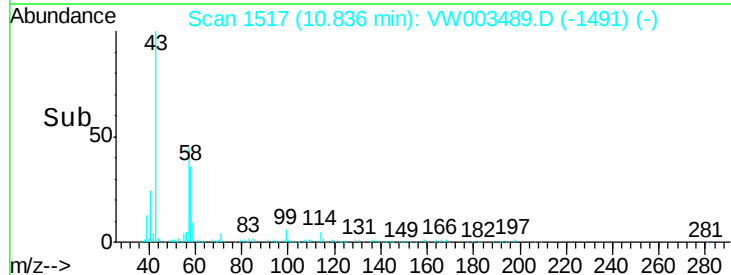
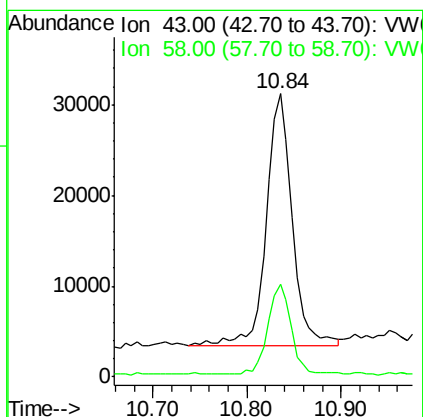
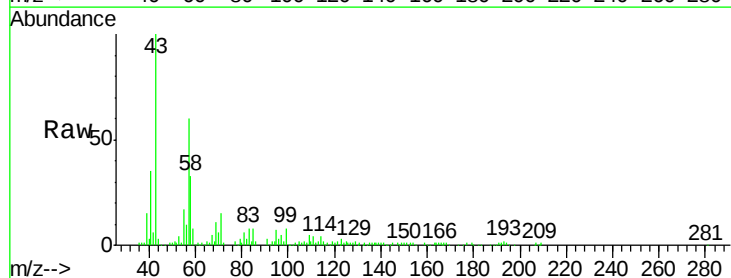
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-25-27-180621

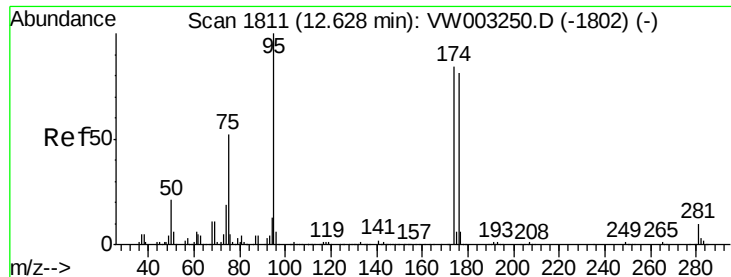
Tgt Ion:	97	Resp:	80687
Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.2	105.2
85	59.2	45.6	68.4
99	63.6	51.2	76.8



#59
 2-Hexanone
 Concen: 60.075 ug/l
 RT: 10.84 min Scan# 1517
 Delta R.T. -0.14 min
 Lab File: VW003489.D
 Acq: 24 Jun 2018 05:22

Tgt Ion:	43	Resp:	53311
Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.0	75.0





#62

4-Bromofluorobenzene

Concen: 54.572 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-25-27-180621

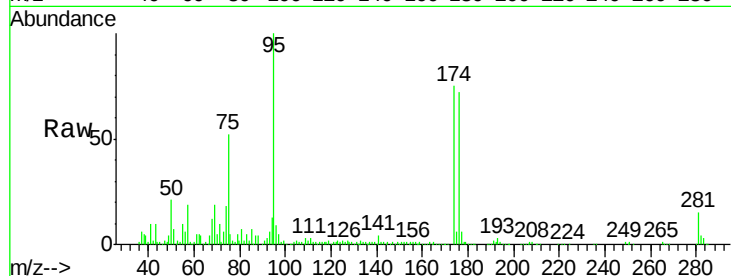
Tgt Ion: 95 Resp: 149320

Ion Ratio Lower Upper

95 100

174 77.8 0.0 166.4

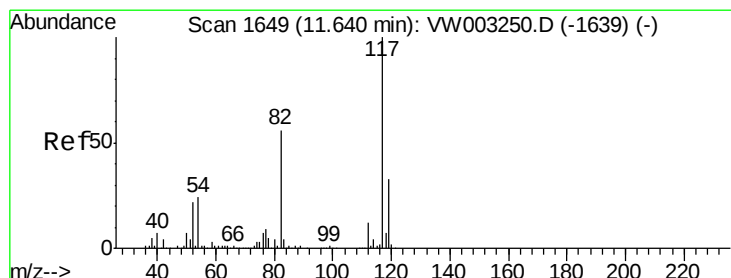
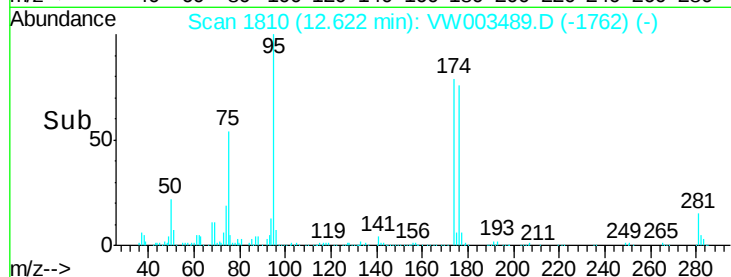
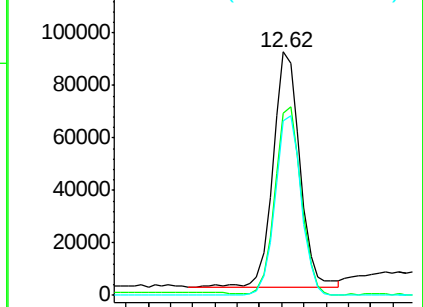
176 74.8 0.0 162.0



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: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

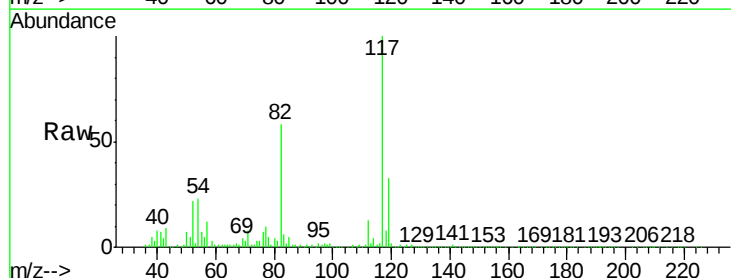
Tgt Ion: 117 Resp: 289696

Ion Ratio Lower Upper

117 100

82 57.2 44.6 67.0

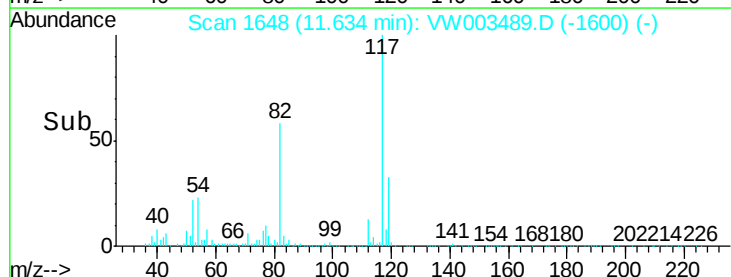
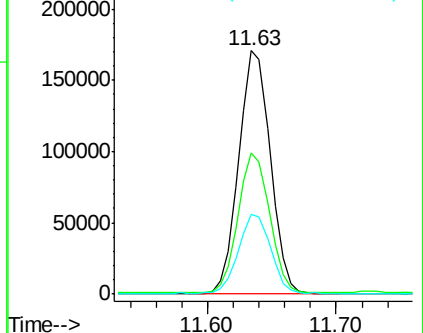
119 32.5 26.7 40.1

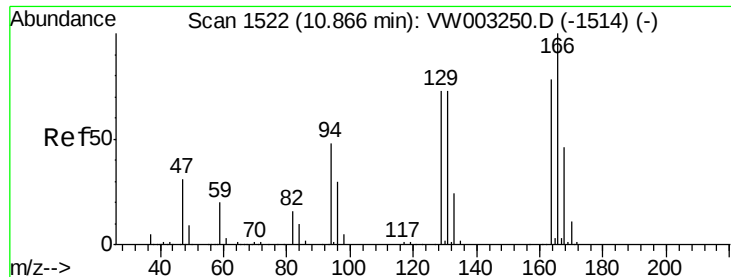


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 8.449 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW003489.D

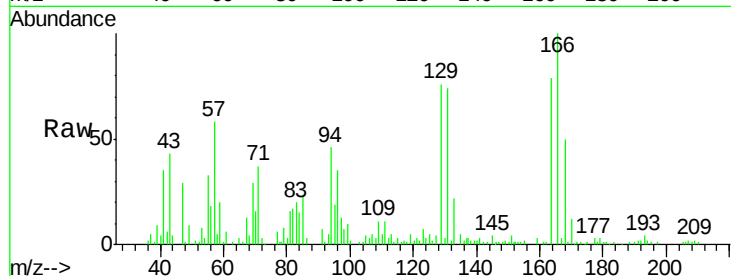
Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-25-27-180621



Tgt Ion:164 Resp: 16372

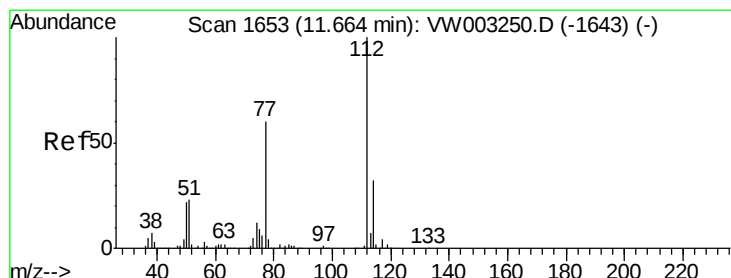
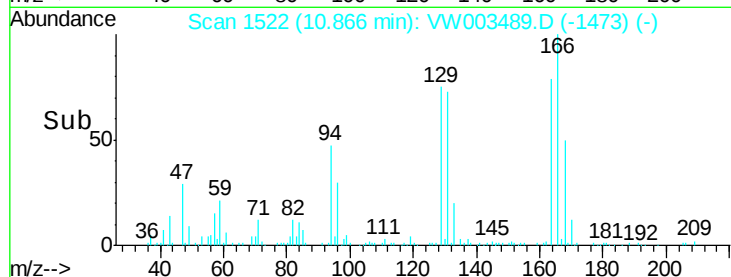
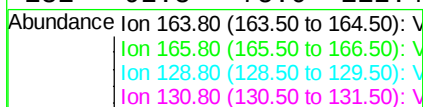
Ion Ratio Lower Upper

164 100

166 128.2 102.6 154.0

129 94.7 75.2 112.8

131 92.8 75.0 112.4



#65

Chlorobenzene

Concen: 156.751 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003489.D

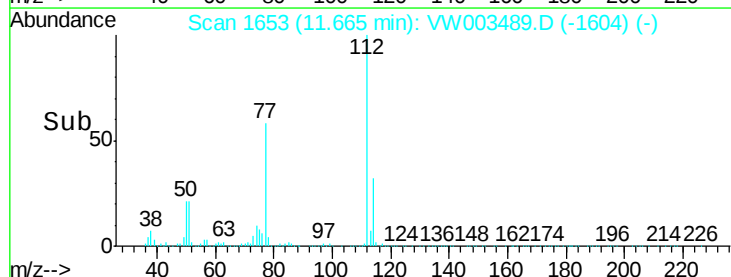
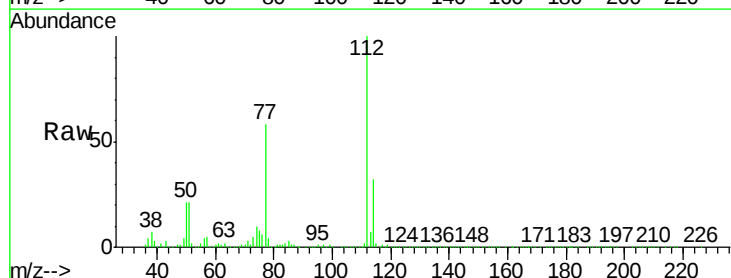
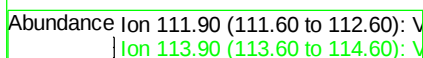
Acq: 24 Jun 2018 05:22

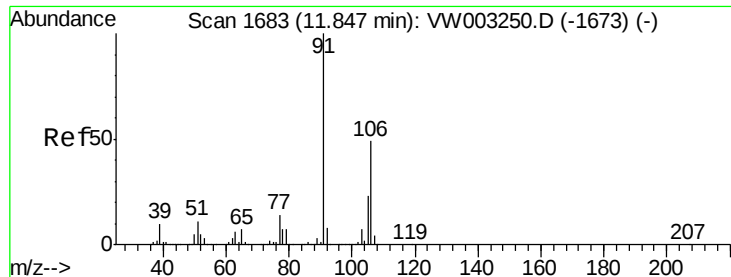
Tgt Ion:112 Resp: 945631

Ion Ratio Lower Upper

112 100

114 32.4 25.9 38.9

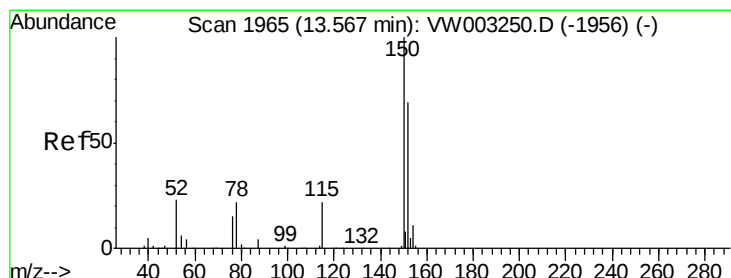
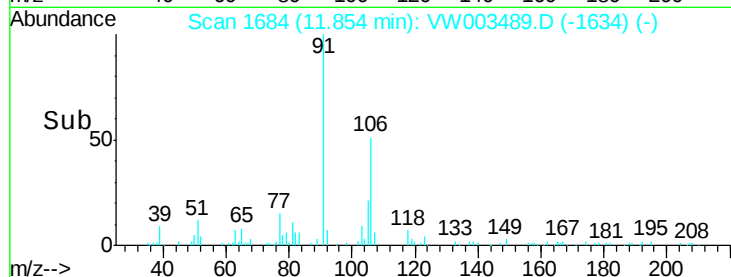
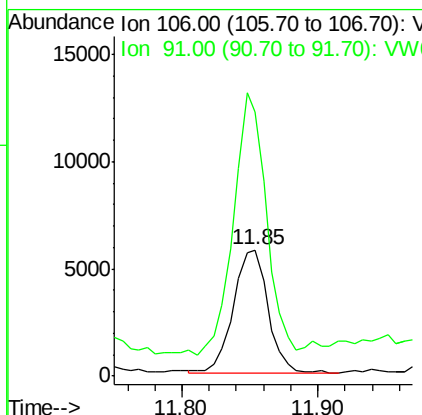
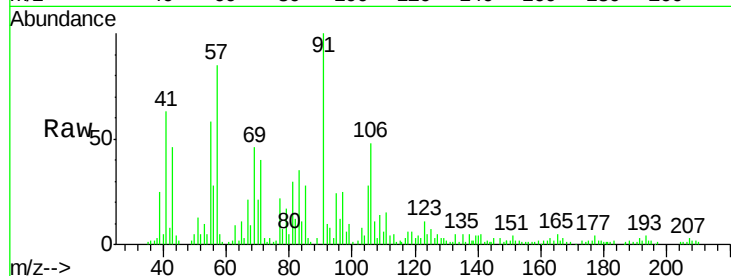




#68
m/p-Xylenes
Concen: 2.564 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW003489.D
Acq: 24 Jun 2018 05:22

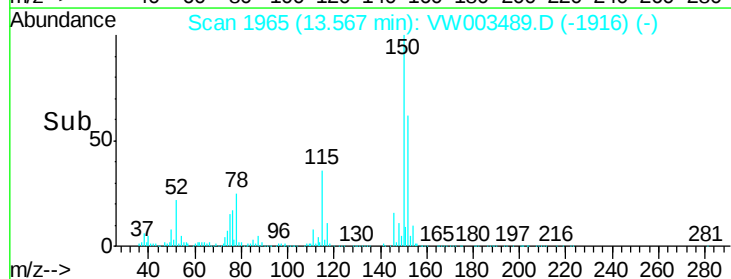
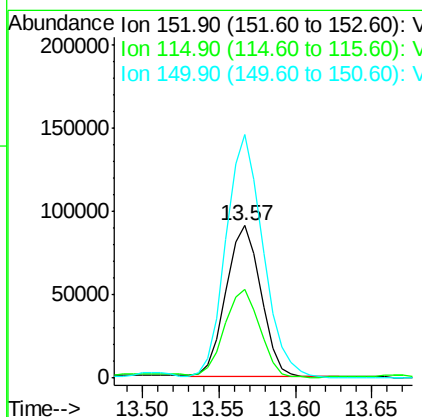
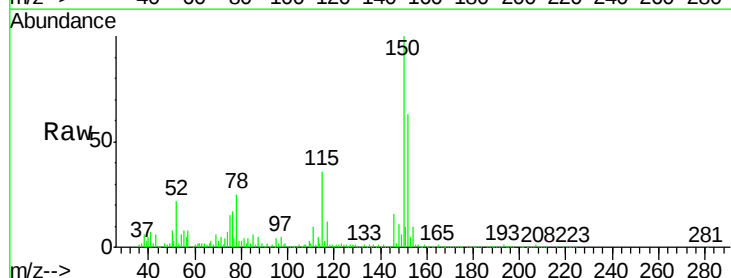
Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-25-27-180621

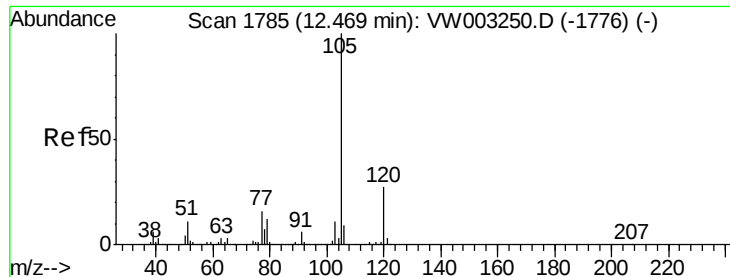
Tgt Ion:106 Resp: 10422
Ion Ratio Lower Upper
106 100
91 193.5 165.4 248.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003489.D
Acq: 24 Jun 2018 05:22

Tgt Ion:152 Resp: 144920
Ion Ratio Lower Upper
152 100
115 58.6 29.3 88.0
150 169.2 0.0 349.6





#73

Isopropylbenzene

Concen: 4.115 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

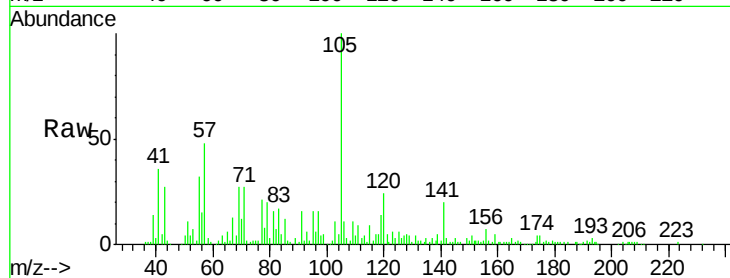
WP021SB487-25-27-180621

Tgt Ion: 105 Resp: 41476

Ion Ratio Lower Upper

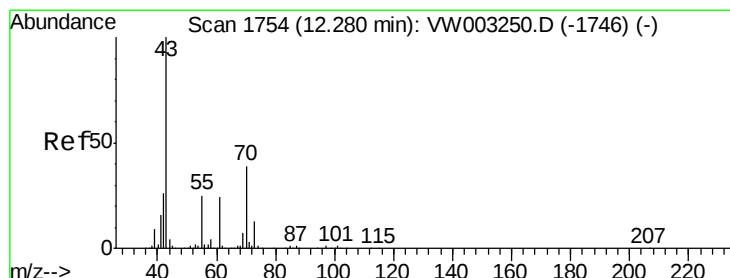
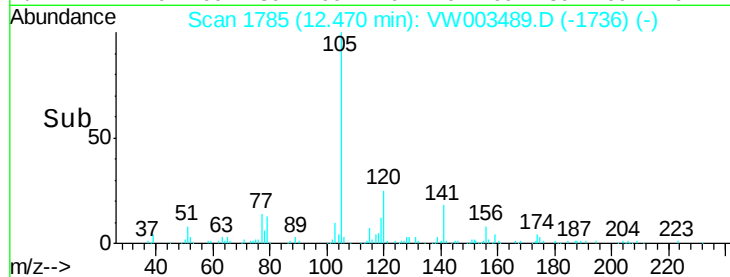
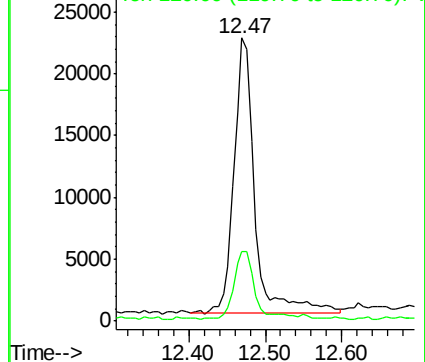
105 100

120 24.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.739 ug/l

RT: 12.26 min Scan# 1751

Delta R.T. -0.02 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Tgt Ion: 43 Resp: 3990

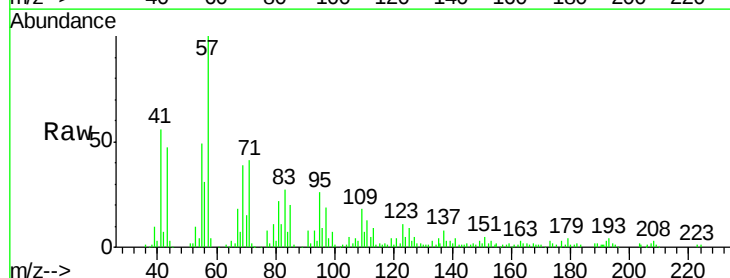
Ion Ratio Lower Upper

43 100

70 17.4 31.0 46.6#

55 51.0 19.7 29.5#

61 1.0 18.1 27.1#

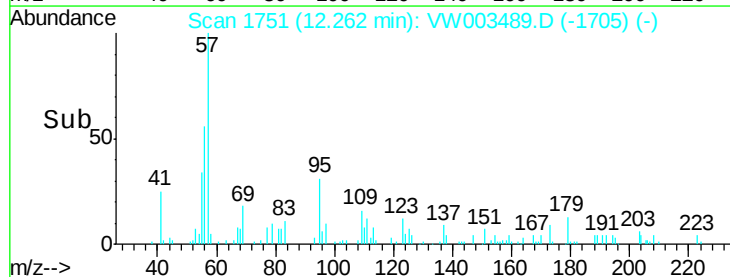
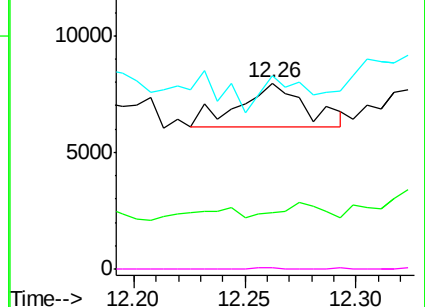


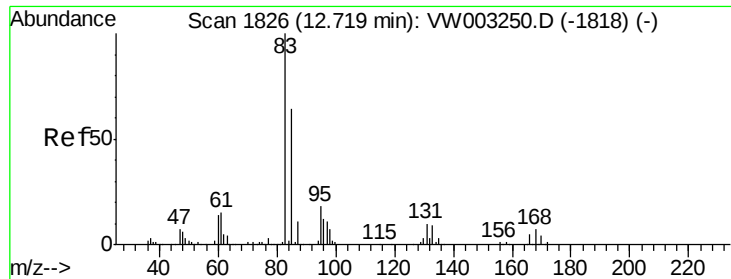
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 25.515 ug/l

RT: 12.74 min Scan# 1829

Delta R.T. 0.02 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-25-27-180621

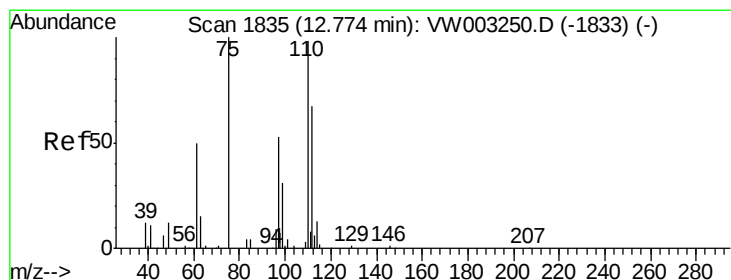
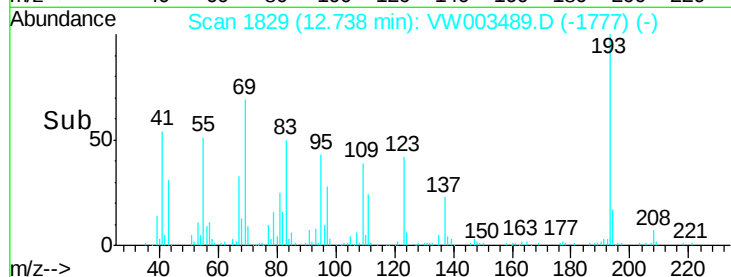
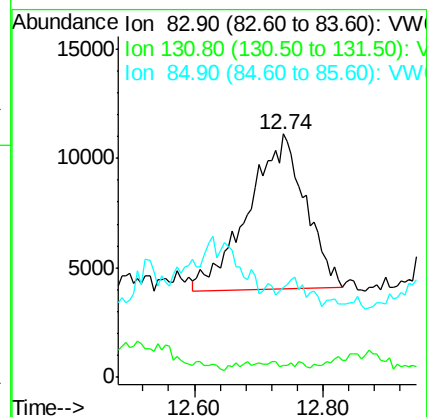
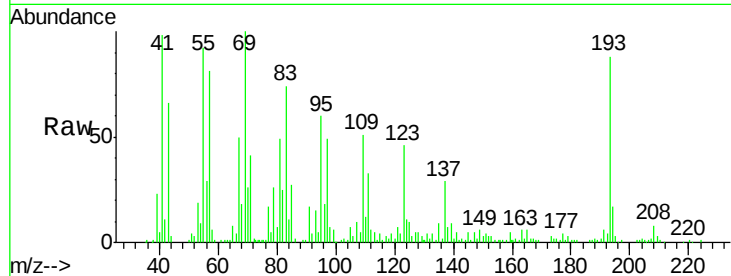
Tgt Ion: 83 Resp: 43510

Ion Ratio Lower Upper

83 100

131 0.9 5.4 16.2#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 61.899 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003489.D

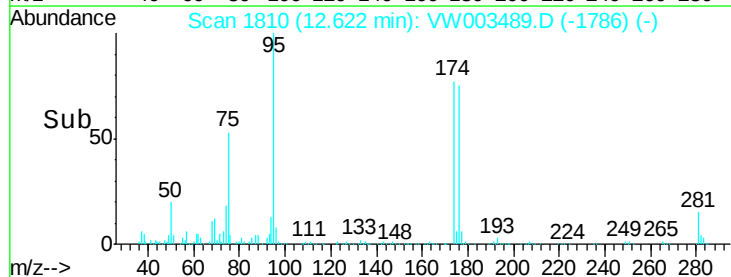
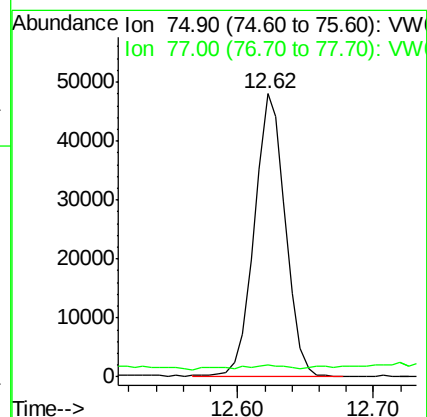
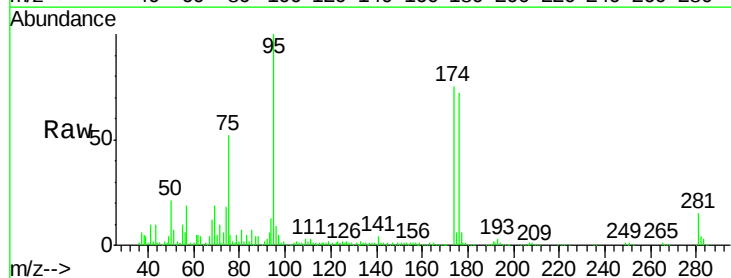
Acq: 24 Jun 2018 05:22

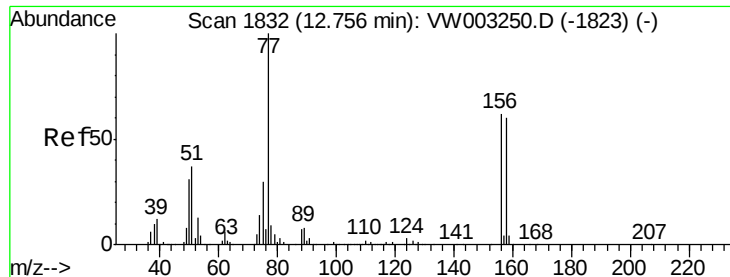
Tgt Ion: 75 Resp: 76687

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#





#77

Bromobenzene

Concen: 40.880 ug/l

RT: 12.95 min Scan# 1863

Delta R.T. 0.19 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-25-27-180621

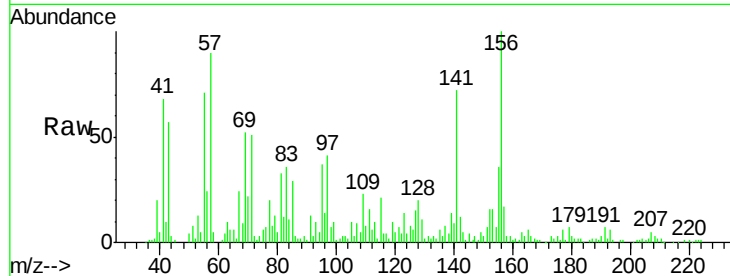
Tgt Ion:156 Resp: 95965

Ion Ratio Lower Upper

156 100

77 7.7 92.3 276.9#

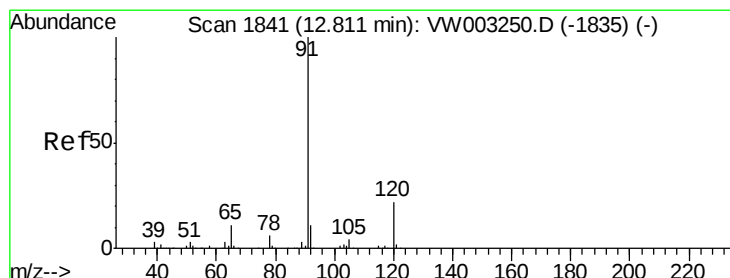
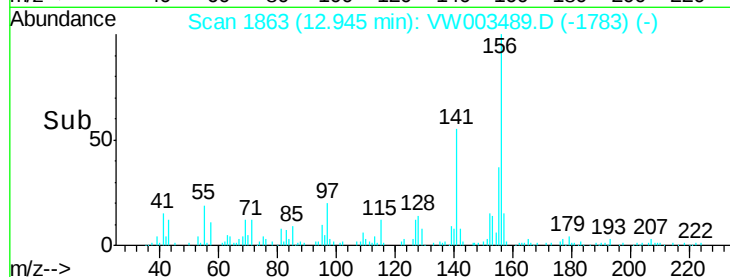
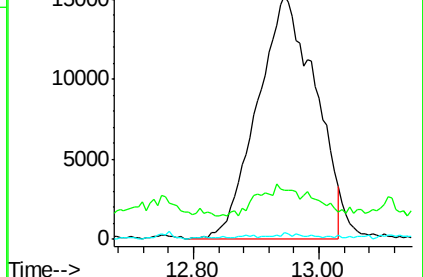
158 0.5 47.5 142.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.548 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003489.D

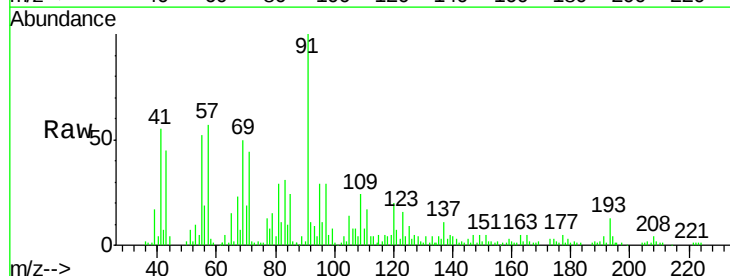
Acq: 24 Jun 2018 05:22

Tgt Ion: 91 Resp: 19111

Ion Ratio Lower Upper

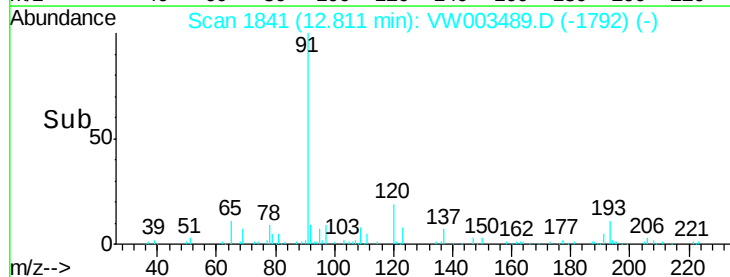
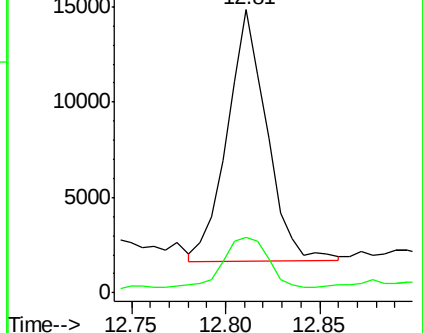
91 100

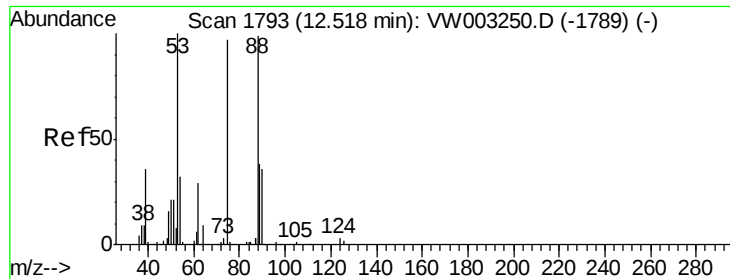
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 142.434 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-25-27-180621

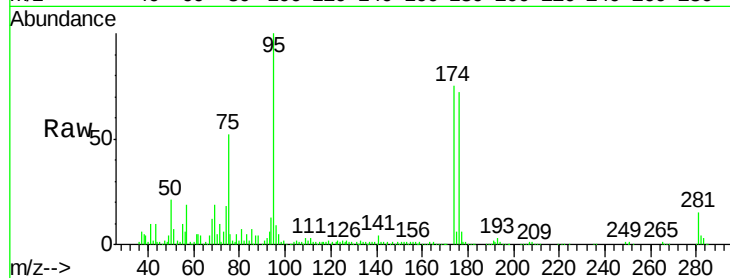
Tgt Ion: 75 Resp: 76687

Ion Ratio Lower Upper

75 100

53 0.7 82.9 124.3#

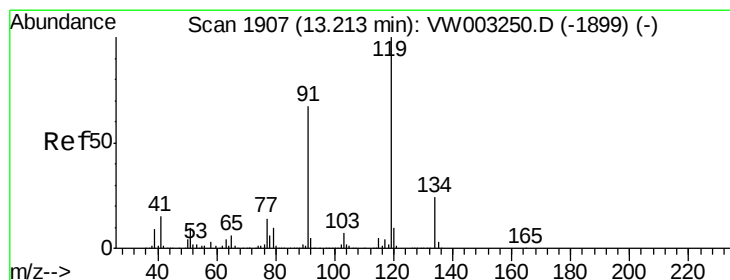
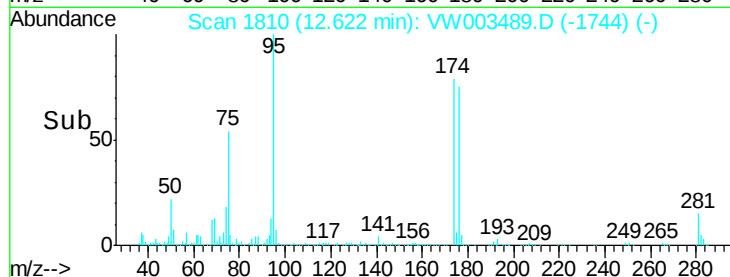
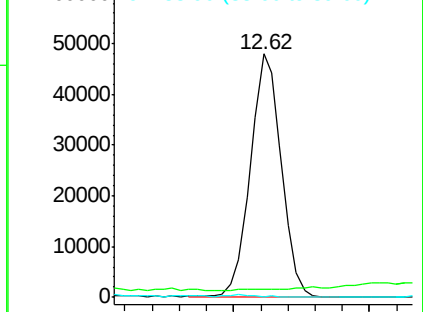
89 0.8 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#83

tert-Butylbenzene

Concen: 2.455 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

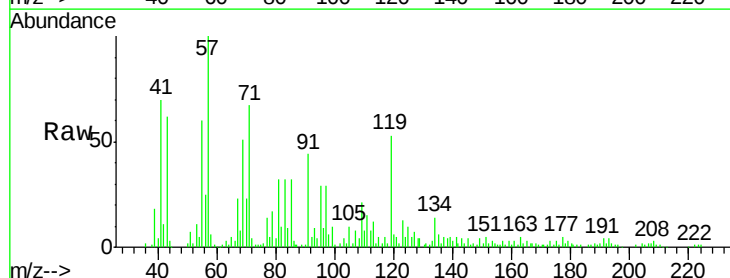
Tgt Ion: 119 Resp: 17700

Ion Ratio Lower Upper

119 100

91 52.6 33.9 101.7

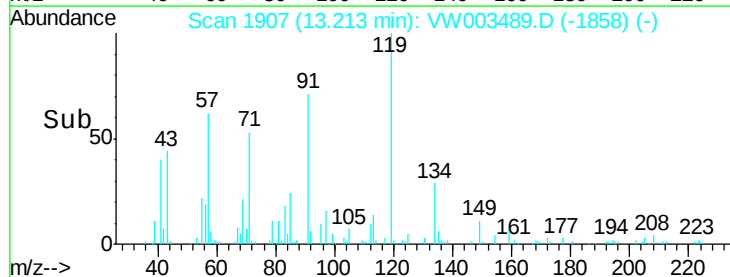
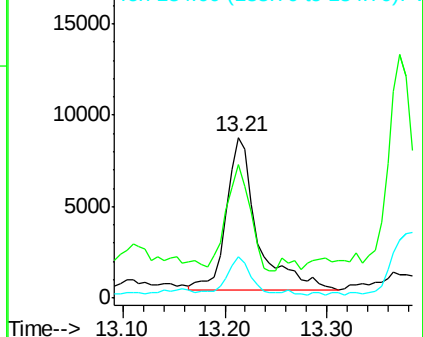
134 19.0 13.4 40.1

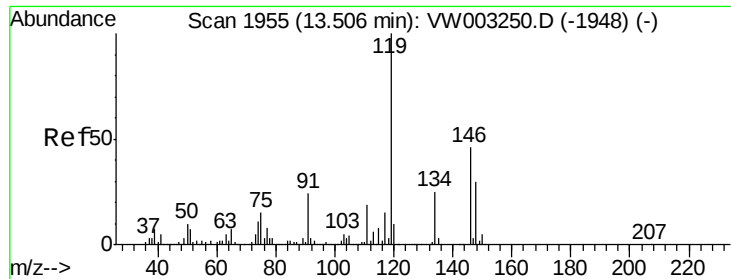


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

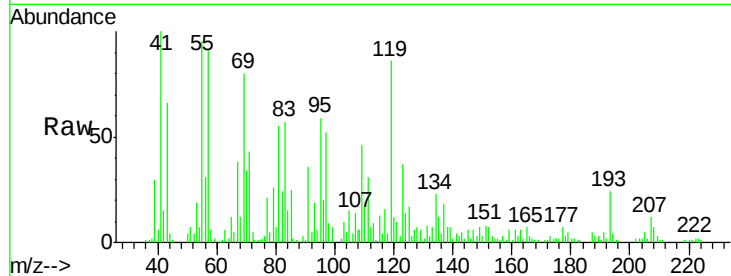




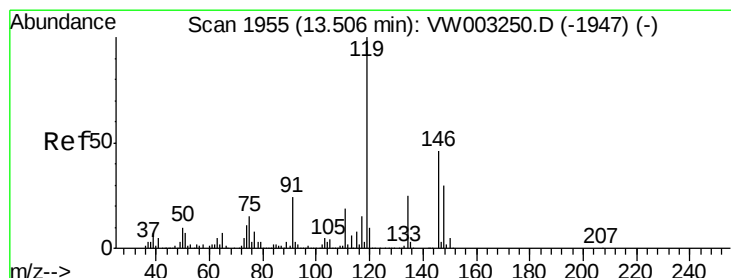
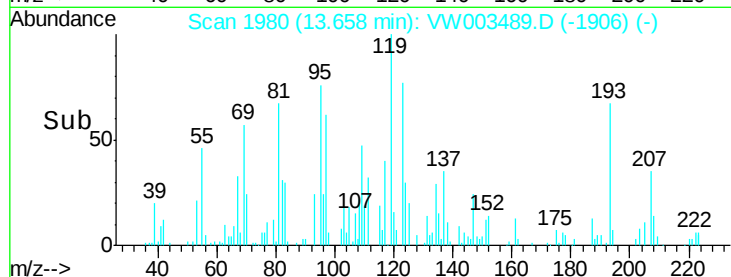
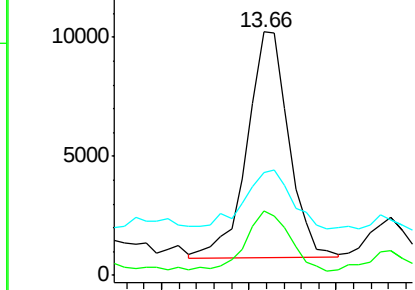
#86
 p-Isopropyltoluene
 Concen: 1.672 ug/l
 RT: 13.66 min Scan# 1980
 Delta R.T. 0.15 min
 Lab File: VW003489.D
 Acq: 24 Jun 2018 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-25-27-180621

Tgt Ion:119 Resp: 15807
 Ion Ratio Lower Upper
 119 100
 134 27.9 12.9 38.7
 91 32.8 11.8 35.3

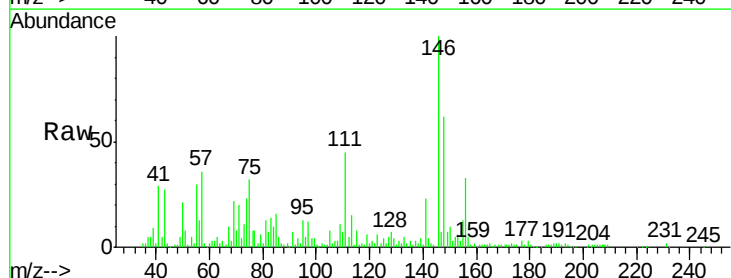


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

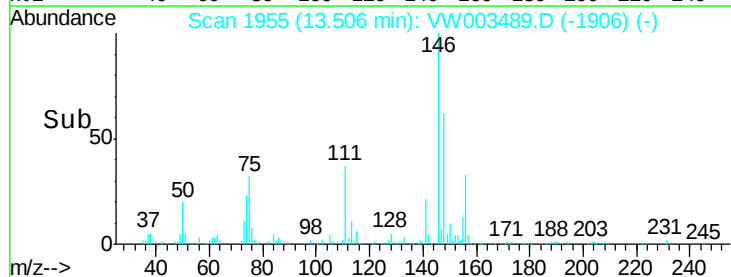
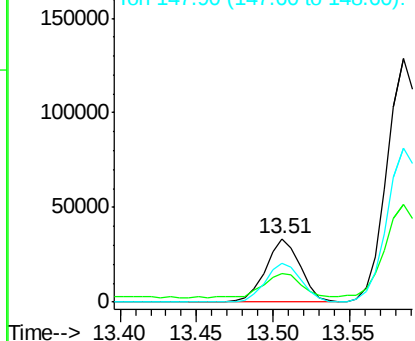


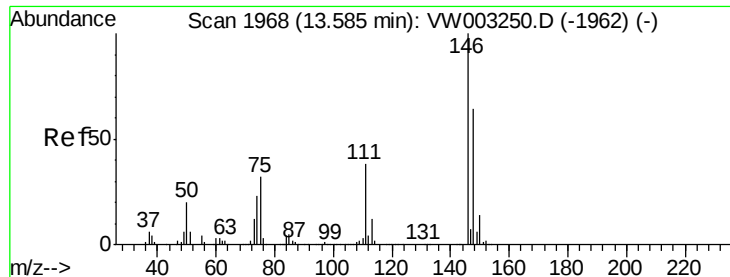
#87
 1,3-Dichlorobenzene
 Concen: 10.877 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003489.D
 Acq: 24 Jun 2018 05:22

Tgt Ion:146 Resp: 52453
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.8 59.4
 148 63.6 32.1 96.5



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





#88

1,4-Dichlorobenzene

Concen: 42.003 ug/l

RT: 13.59 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-25-27-180621

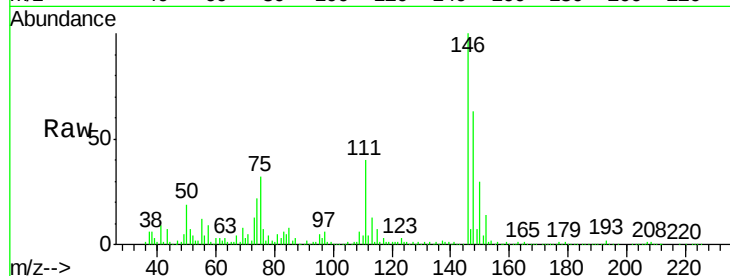
Tgt Ion:146 Resp: 201369

Ion Ratio Lower Upper

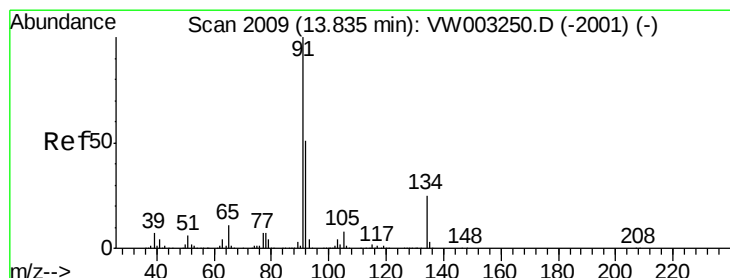
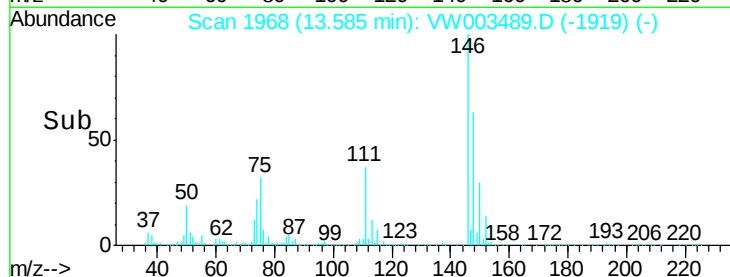
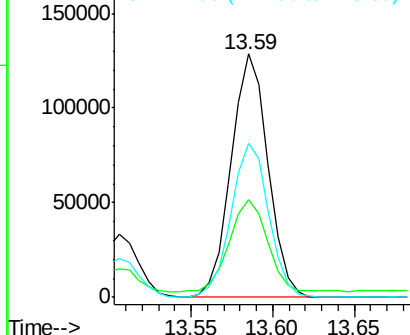
146 100

111 40.1 19.2 57.6

148 64.2 31.8 95.4



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



#89

n-Butylbenzene

Concen: 1.313 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003489.D

Acq: 24 Jun 2018 05:22

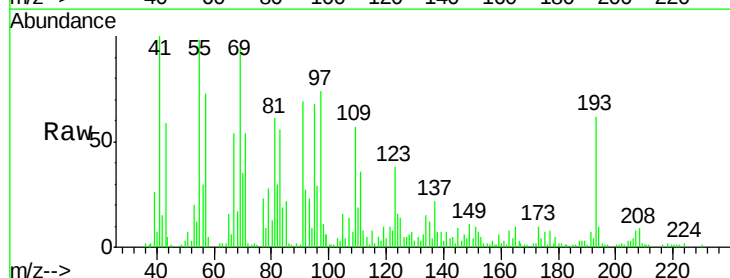
Tgt Ion: 91 Resp: 12096

Ion Ratio Lower Upper

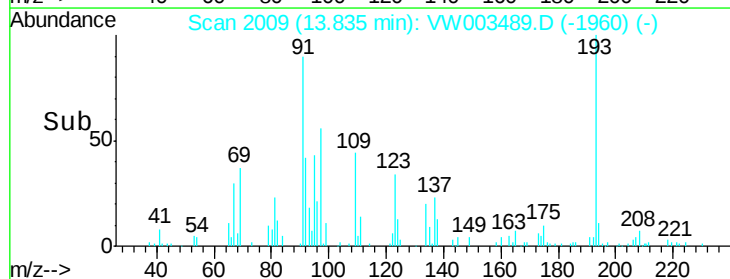
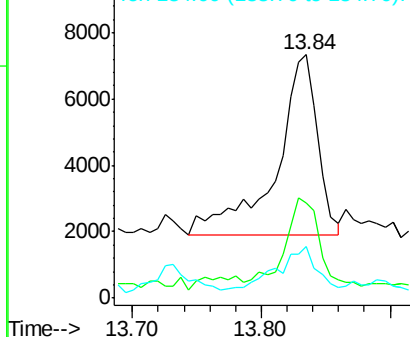
91 100

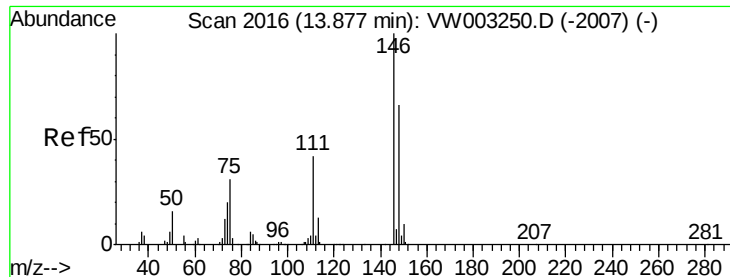
92 39.4 26.0 78.0

134 20.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V

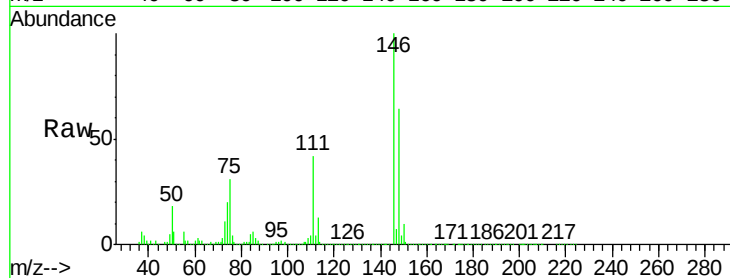




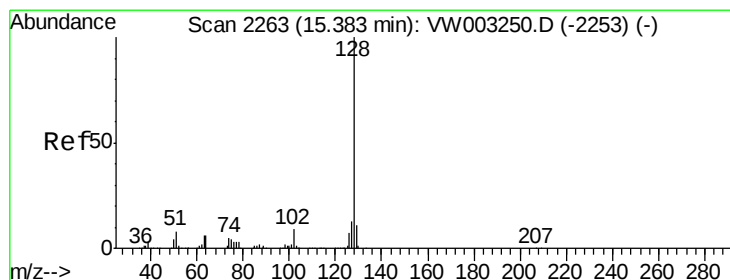
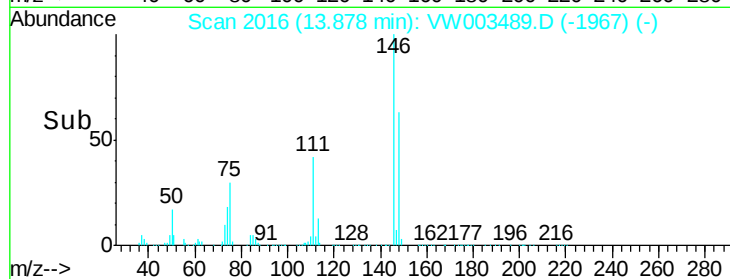
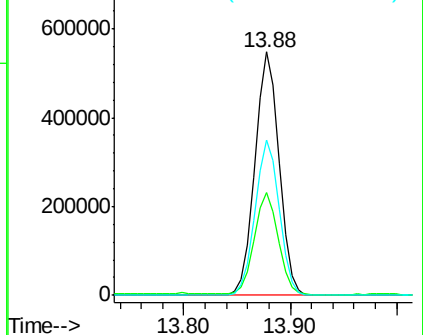
#91
 1,2-Dichlorobenzene
 Concen: 206.509 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003489.D
 Acq: 24 Jun 2018 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-25-27-180621

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	61.0
148	63.8	32.3	96.9

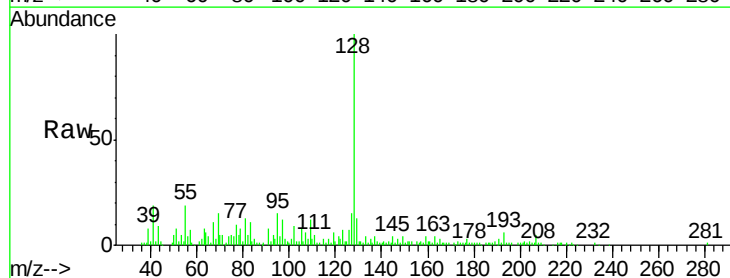


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#95
 Naphthalene
 Concen: 6.280 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: VW003489.D
 Acq: 24 Jun 2018 05:22

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.5	15.7
129	12.3	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

