

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003484.D
 Acq On : 24 Jun 2018 03:13
 Operator : SY/AP
 Sample : J3670-04
 Misc : 6.20G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-15-17-180621

Quant Time: Jun 25 04:38:58 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	159409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	260672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	242798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	129020	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	98606	57.11	ug/l	0.00
Spiked Amount			Recovery	=	114.22%	
35) Dibromofluoromethane	7.88	113	82867	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
50) Toluene-d8	10.33	98	286220	44.56	ug/l	0.00
Spiked Amount			Recovery	=	89.12%	
62) 4-Bromofluorobenzene	12.62	95	111329	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	

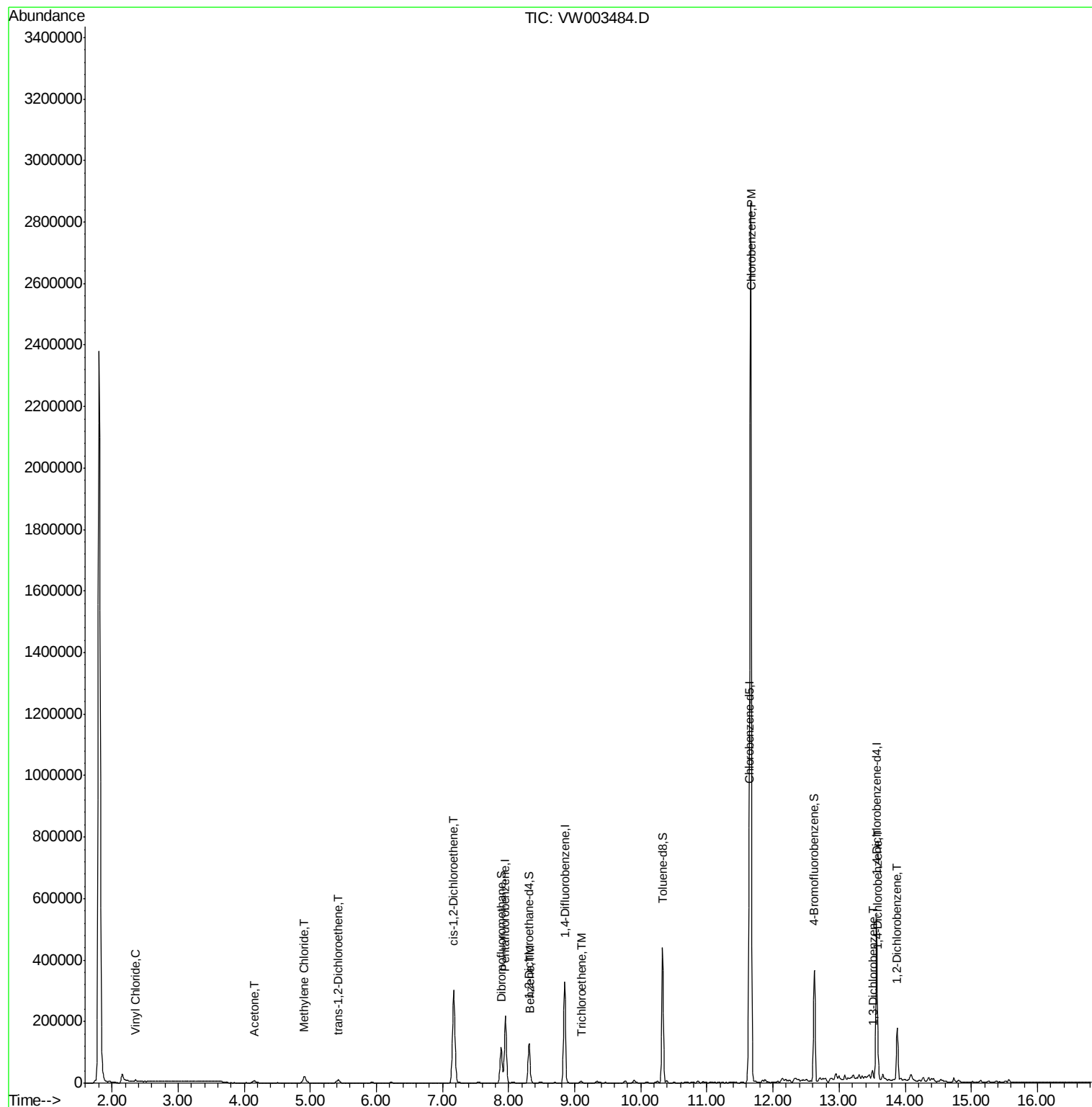
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.36	62	4090	2.30	ug/l	93
16) Acetone	4.15	43	16748	46.25	ug/l	97
20) Methylene Chloride	4.92	84	15654	7.02	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	5636	3.59	ug/l	90
27) cis-1,2-Dichloroethene	7.17	96	171731	99.54	ug/l	92
40) Benzene	8.33	78	7667	1.10	ug/l	93
44) Trichloroethene	9.09	130	1868	1.02	ug/l	99
65) Chlorobenzene	11.66	112	1454377	287.65	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	9304	2.17	ug/l	96
88) 1,4-Dichlorobenzene	13.59	146	25745	6.03	ug/l	93
91) 1,2-Dichlorobenzene	13.88	146	59652	15.86	ug/l	98

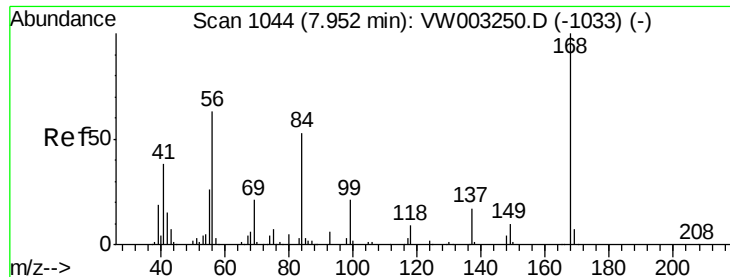
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
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WP021SB487-15-17-180621

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Quant Title : SW846 8260
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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: VW003484.D

Acq: 24 Jun 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

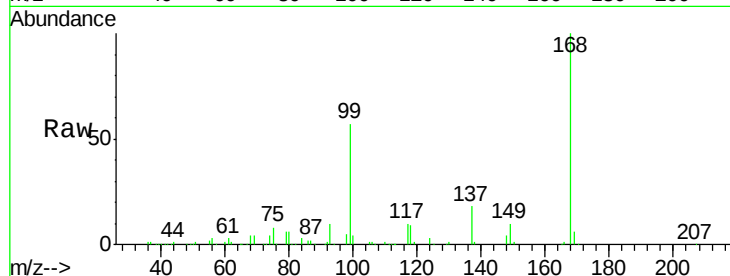
WP021SB487-15-17-180621

Tot Ion:168 Resp: 159409

Ion Ratio Lower Upper

168 100

99 57.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

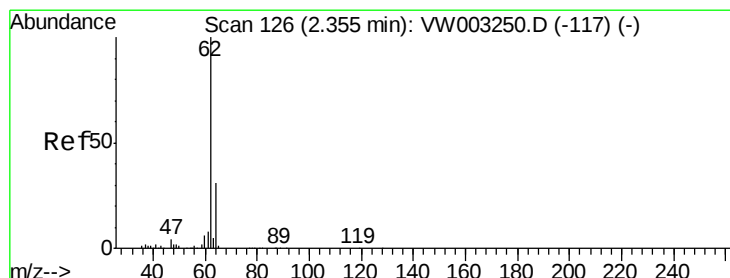
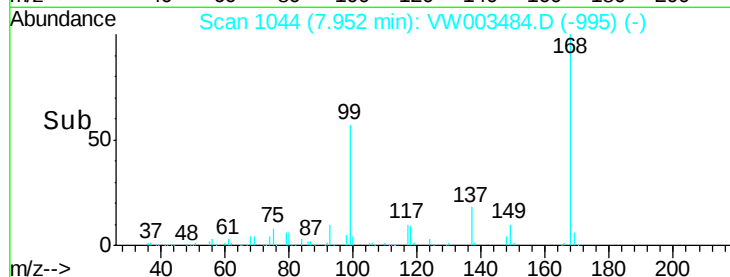
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#4

Vinyl Chloride

Concen: 2.30 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003484.D

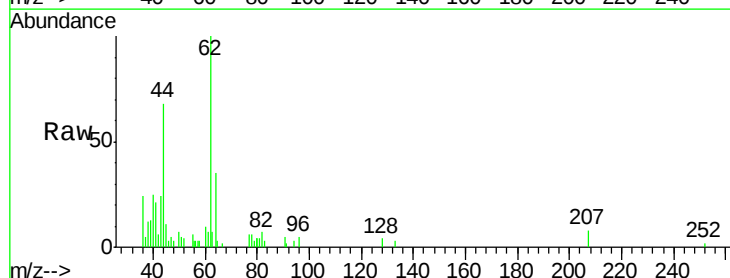
Acq: 24 Jun 2018 03:13

Tgt Ion: 62 Resp: 4090

Ion Ratio Lower Upper

62 100

64 35.0 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

2500

2000

1500

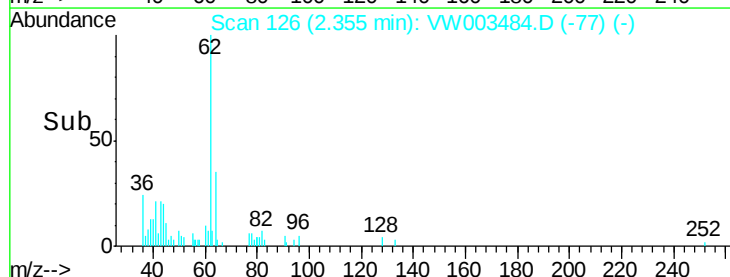
1000

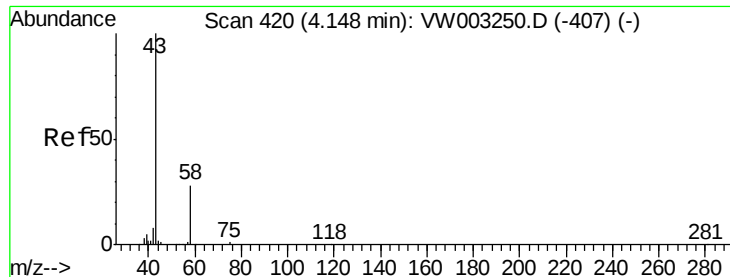
500

0

2.30 2.35 2.40 2.45

Time-->





#16

Acetone

Concen: 46.25 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003484.D

Acq: 24 Jun 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

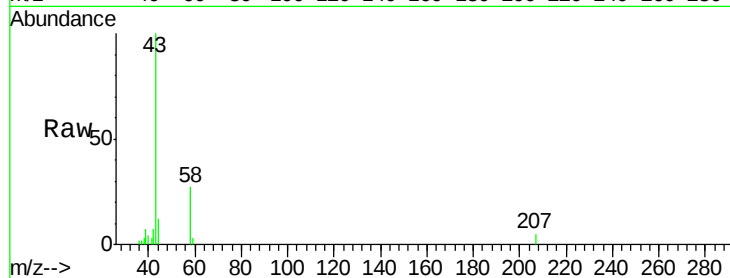
WP021SB487-15-17-180621

Tot Ion: 43 Resp: 16748

Ion Ratio Lower Upper

43 100

58 26.7 22.6 34.0

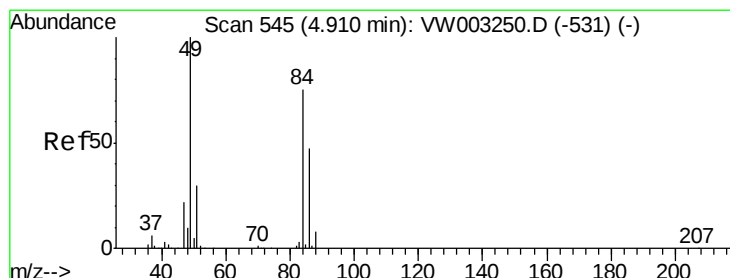
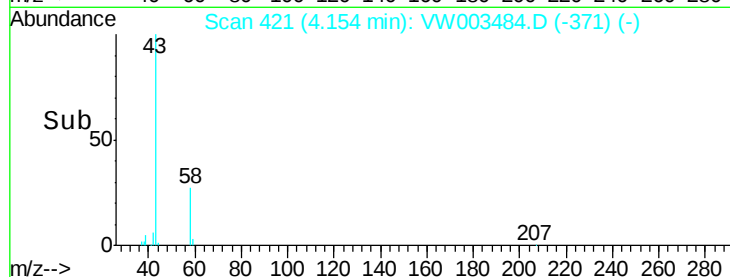


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

Time-->



#20

Methylene Chloride

Concen: 7.02 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003484.D

Acq: 24 Jun 2018 03:13

Tgt Ion: 84 Resp: 15654

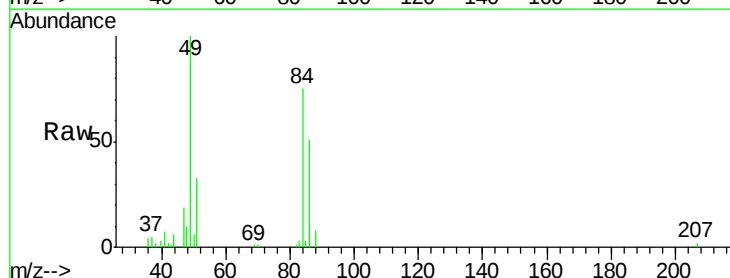
Ion Ratio Lower Upper

84 100

49 134.2 106.3 159.5

51 44.2 32.0 48.0

86 68.3 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VW

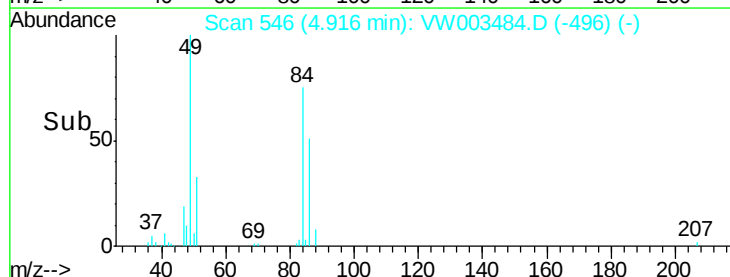
Ion 48.90 (48.60 to 49.60): VW

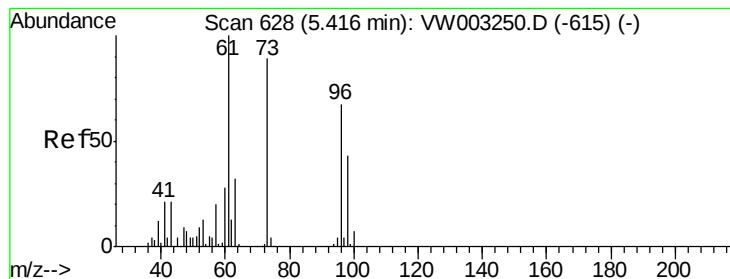
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.92

Time-->





#21

trans-1,2-Dichloroethene

Concen: 3.59 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003484.D

Acq: 24 Jun 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-15-17-180621

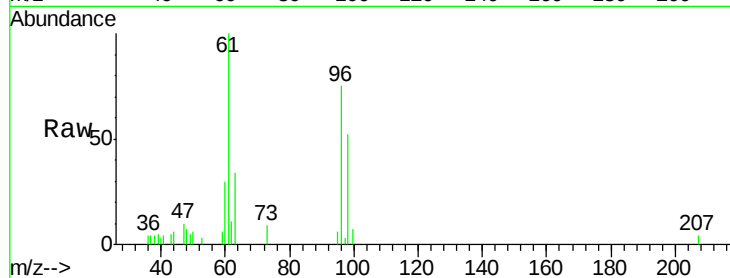
Tot Ion: 96 Resp: 5636

Ion Ratio Lower Upper

96 100

61 133.8 118.7 178.1

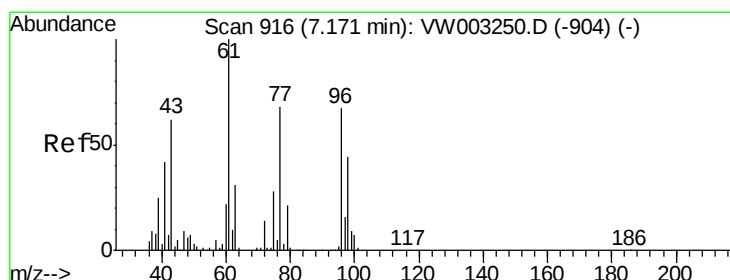
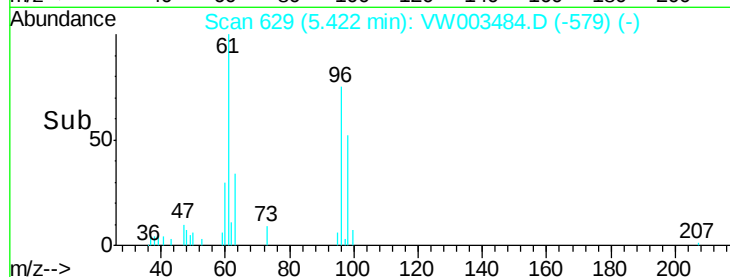
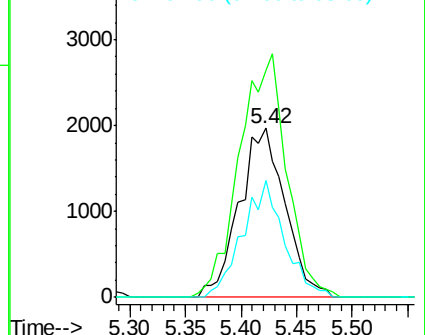
98 69.0 51.0 76.6



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



#27

cis-1,2-Dichloroethene

Concen: 99.54 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003484.D

Acq: 24 Jun 2018 03:13

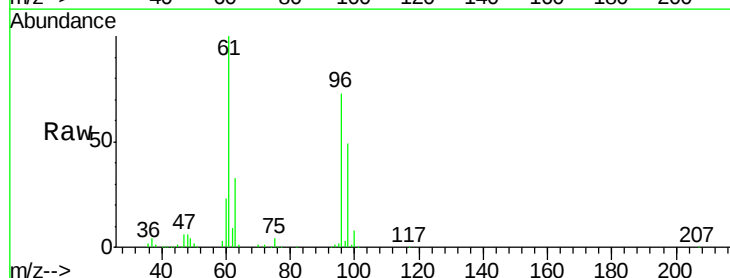
Tgt Ion: 96 Resp: 171731

Ion Ratio Lower Upper

96 100

61 136.3 0.0 298.8

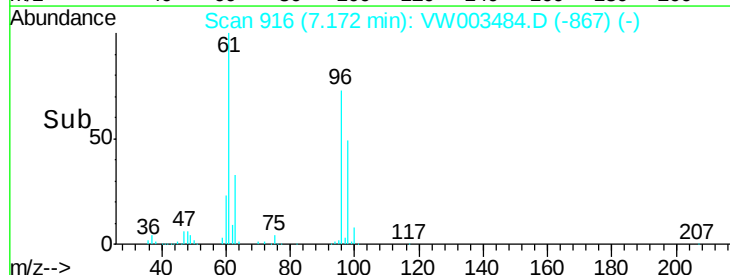
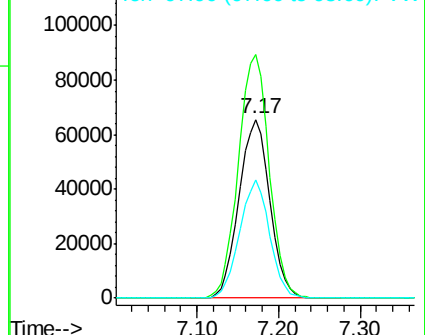
98 64.2 0.0 130.4

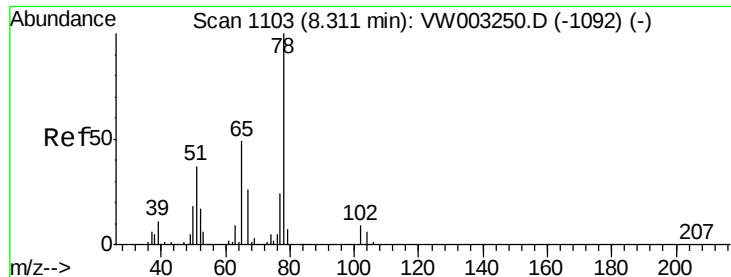


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#33

1,2-Dichloroethane-d4

Concen: 57.11 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003484.D

Acq: 24 Jun 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

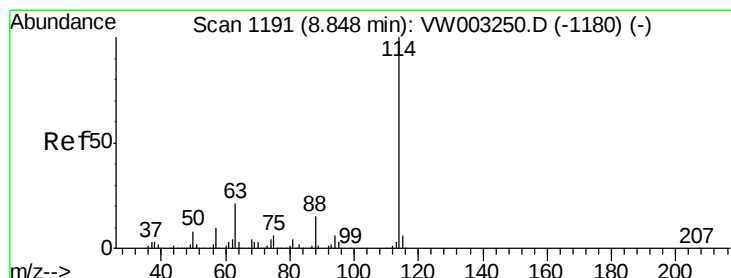
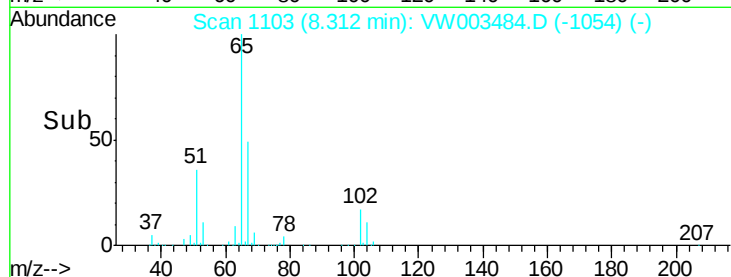
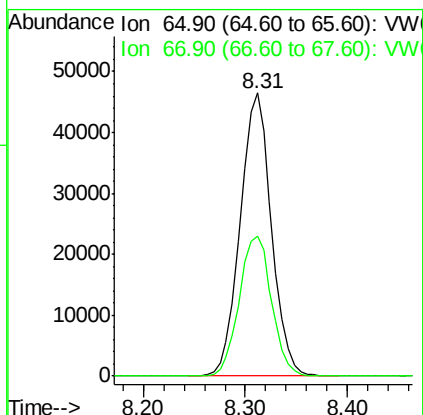
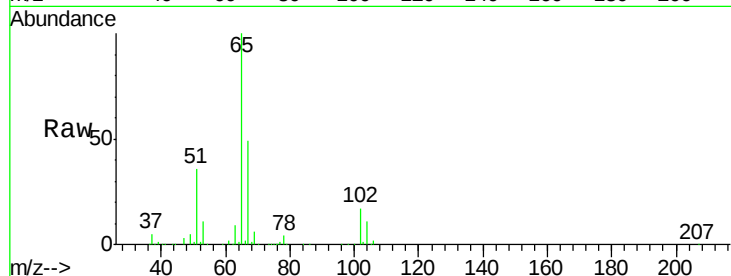
WP021SB487-15-17-180621

Tot Ion: 65 Resp: 98606

Ion Ratio Lower Upper

65 100

67 51.3 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: VW003484.D

Acq: 24 Jun 2018 03:13

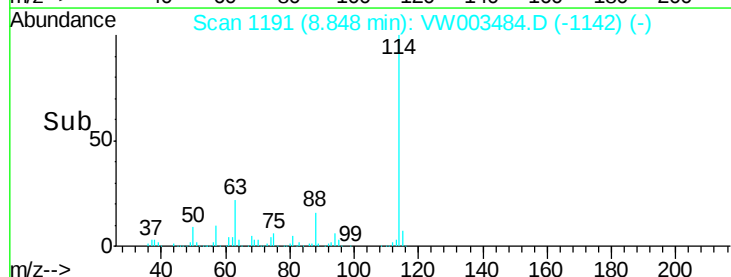
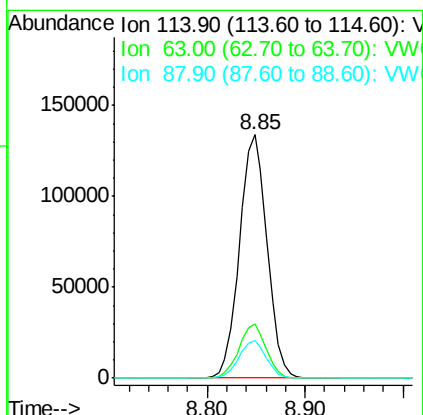
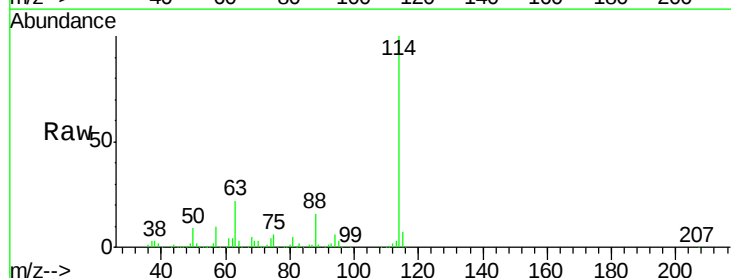
Tgt Ion: 114 Resp: 260672

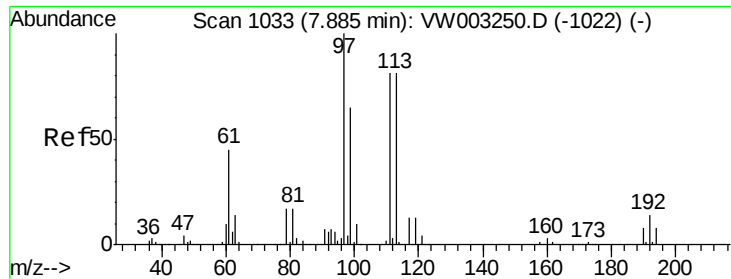
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.0

88 15.7 0.0 29.6

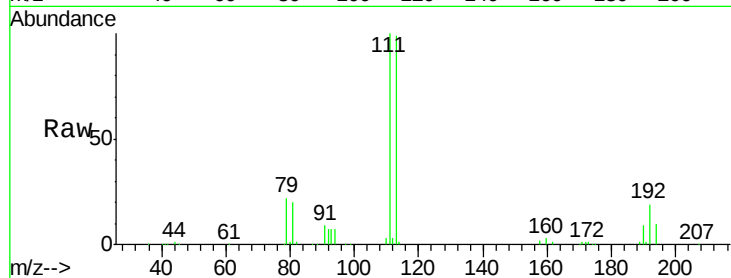




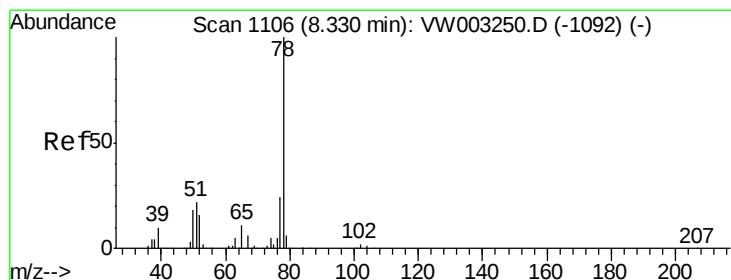
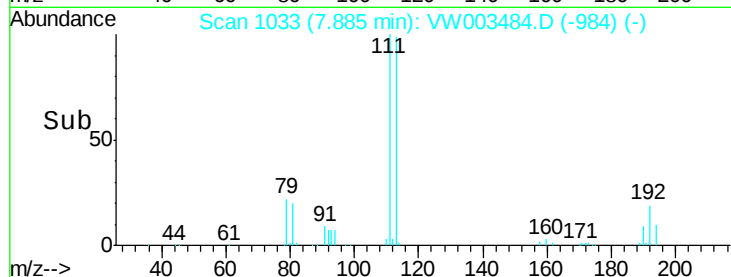
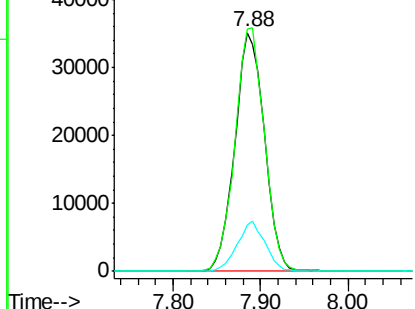
#35
 Dibromofluoromethane
 Concen: 51.16 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003484.D
 Acq: 24 Jun 2018 03:13

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-15-17-180621

Tot Ion:113 Resp: 82867
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.2
 192 19.5 16.2 24.2

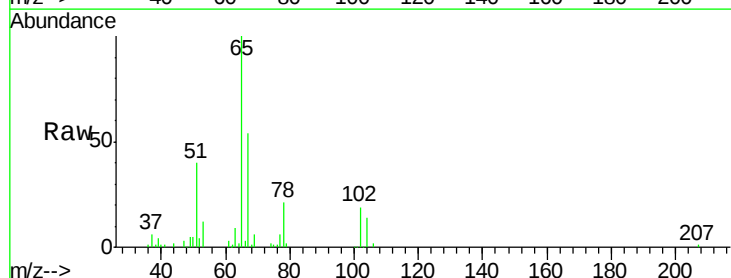


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

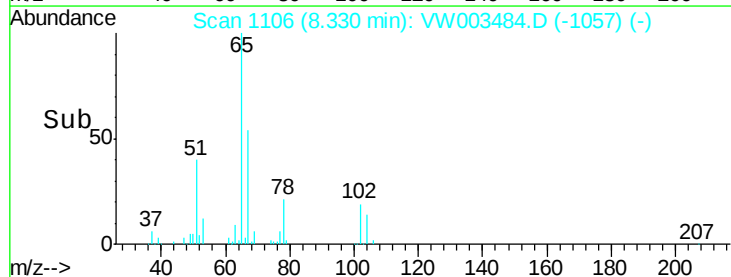
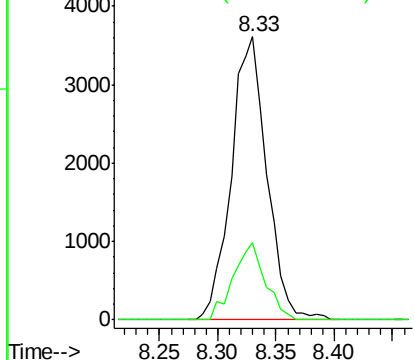


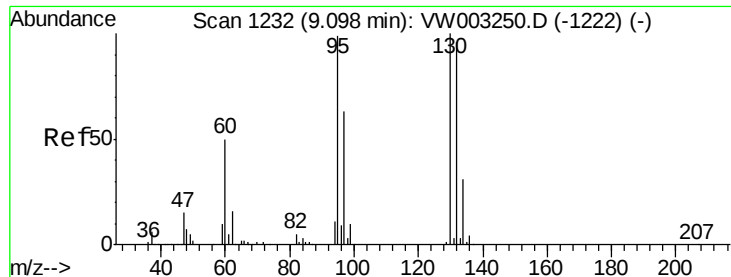
#40
 Benzene
 Concen: 1.10 ug/l
 RT: 8.33 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VW003484.D
 Acq: 24 Jun 2018 03:13

Tgt Ion: 78 Resp: 7667
 Ion Ratio Lower Upper
 78 100
 77 27.1 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VW
 Ion 77.00 (76.70 to 77.70): VW





#44

Trichloroethene

Concen: 1.02 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003484.D

Acq: 24 Jun 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

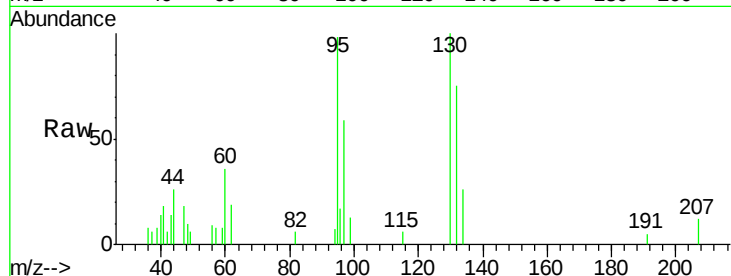
WP021SB487-15-17-180621

Tot Ion:130 Resp: 1868

Ion Ratio Lower Upper

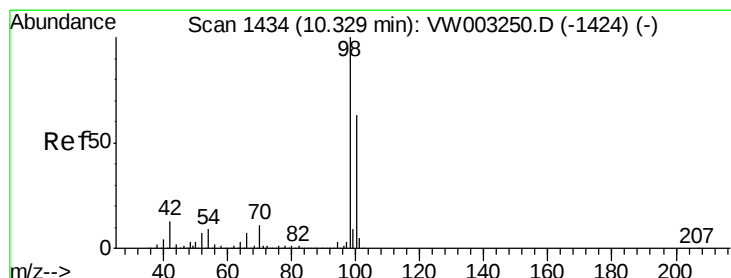
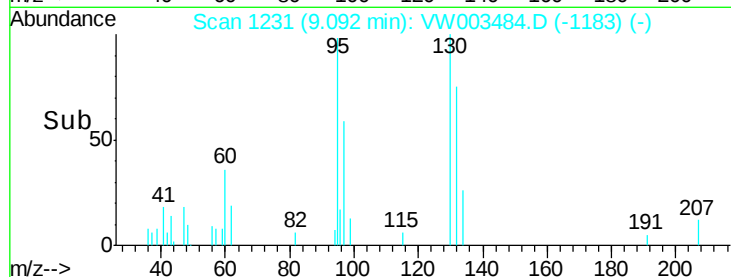
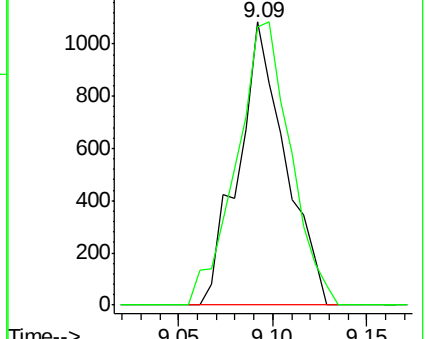
130 100

95 98.4 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: 44.56 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003484.D

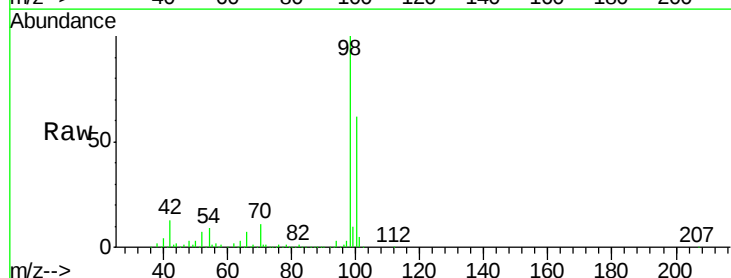
Acq: 24 Jun 2018 03:13

Tgt Ion: 98 Resp: 286220

Ion Ratio Lower Upper

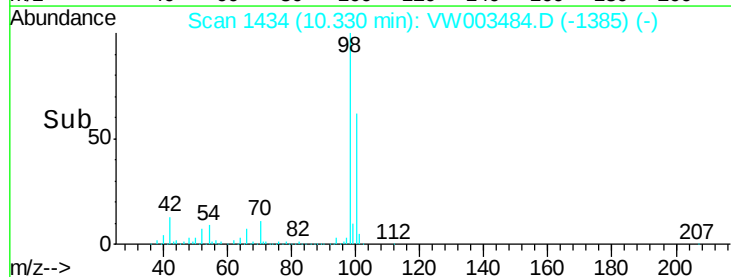
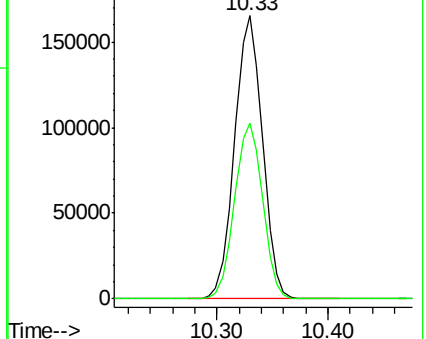
98 100

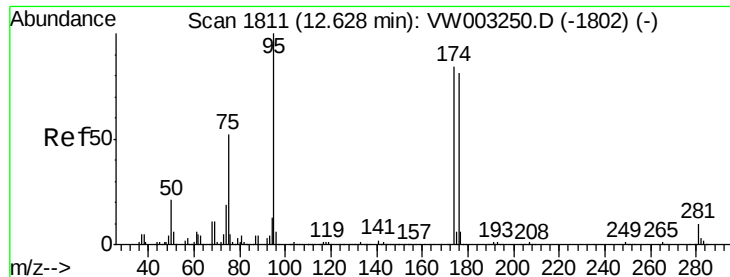
100 62.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

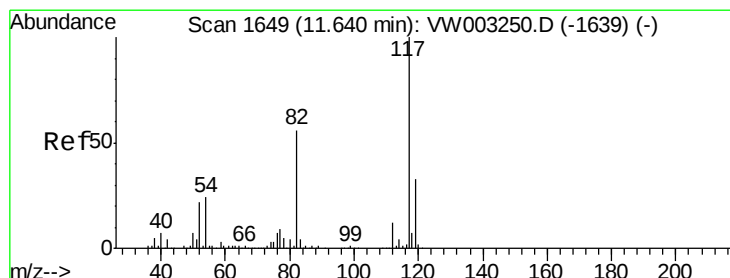
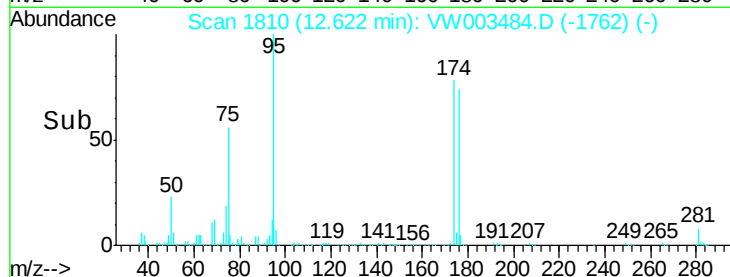
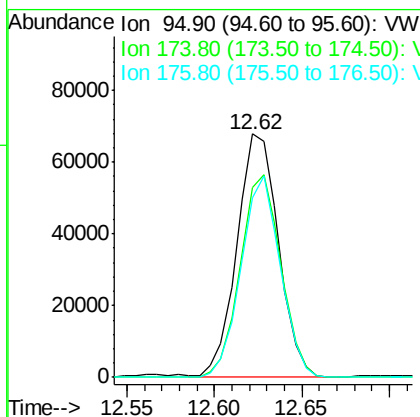
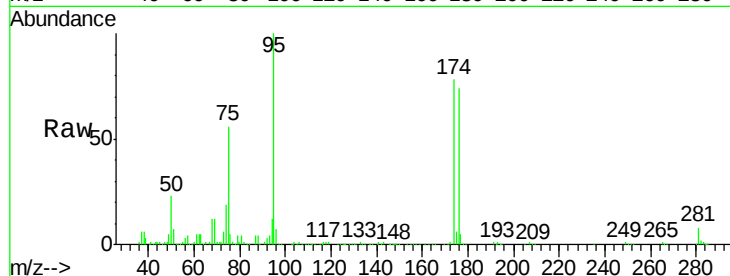




#62
4-Bromofluorobenzene
Concen: 48.98 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003484.D
Acq: 24 Jun 2018 03:13

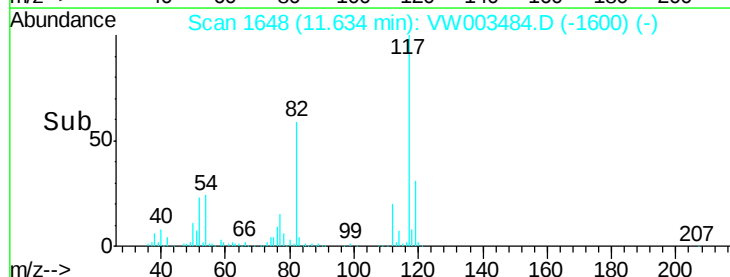
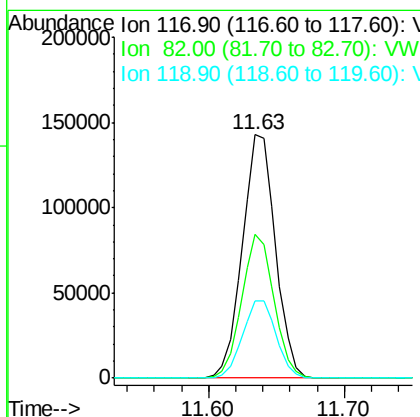
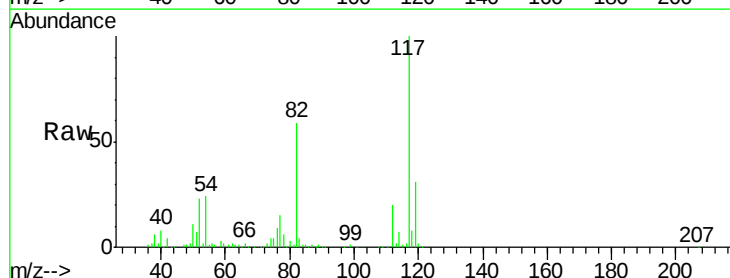
Instrument :
MSVOA_W
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WP021SB487-15-17-180621

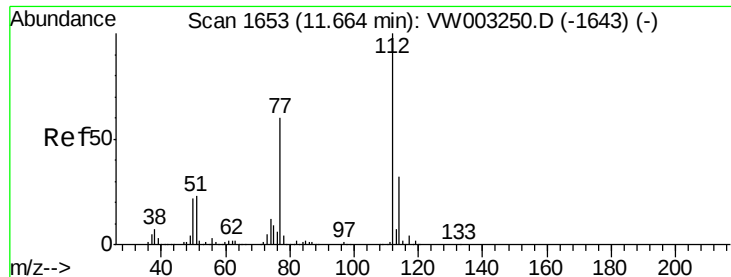
Tot Ion: 95 Resp: 111329
Ion Ratio Lower Upper
95 100
174 82.1 0.0 166.4
176 78.7 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003484.D
Acq: 24 Jun 2018 03:13

Tgt Ion: 117 Resp: 242798
Ion Ratio Lower Upper
117 100
82 59.1 44.6 67.0
119 31.5 26.7 40.1





#65

Chlorobenzene

Concen: 287.65 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003484.D

Acq: 24 Jun 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

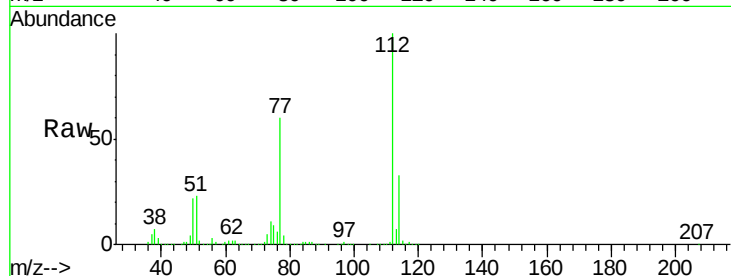
WP021SB487-15-17-180621

Tot Ion:112 Resp: 1454377

Ion Ratio Lower Upper

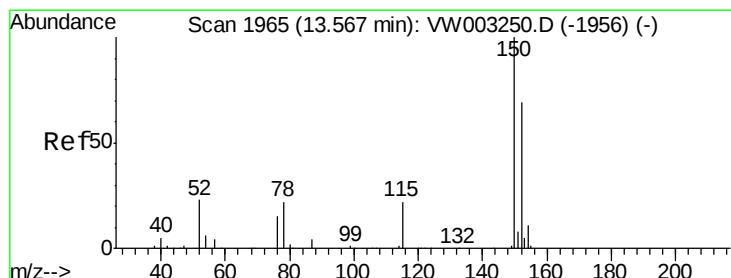
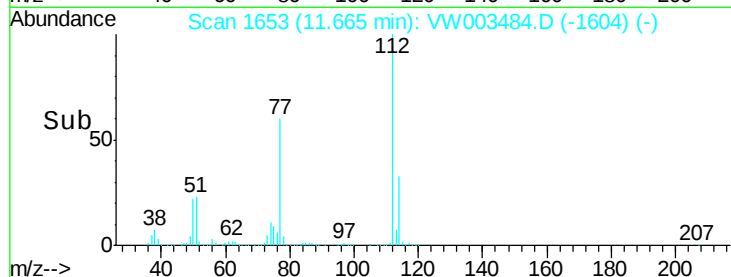
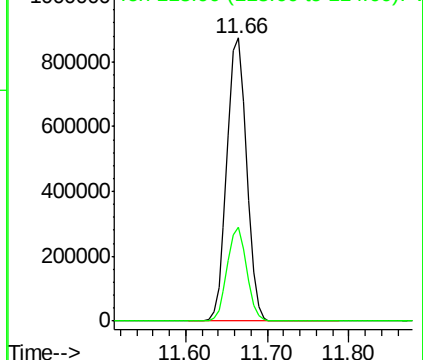
112 100

114 33.0 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003484.D

Acq: 24 Jun 2018 03:13

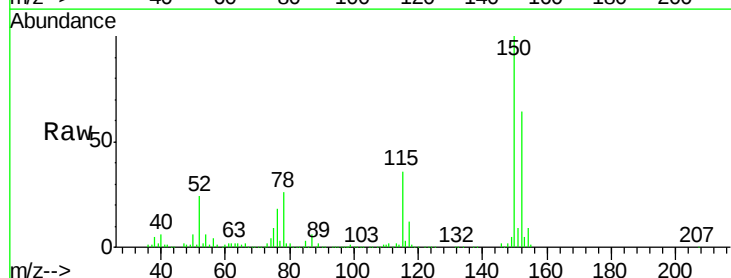
Tgt Ion:152 Resp: 129020

Ion Ratio Lower Upper

152 100

115 58.0 29.3 88.0

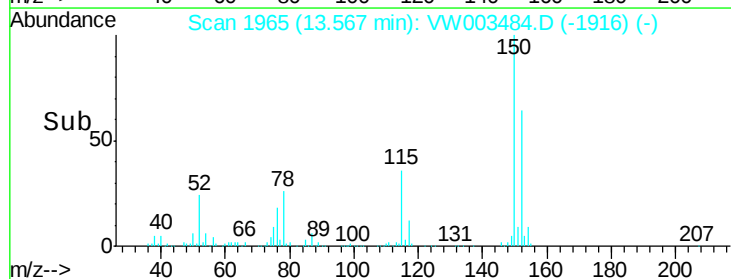
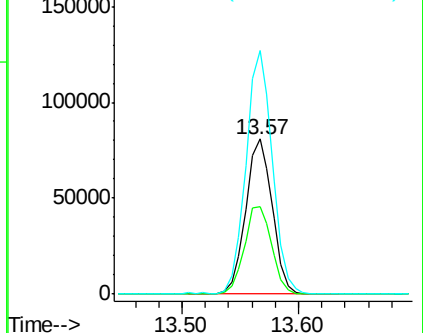
150 155.7 0.0 349.6

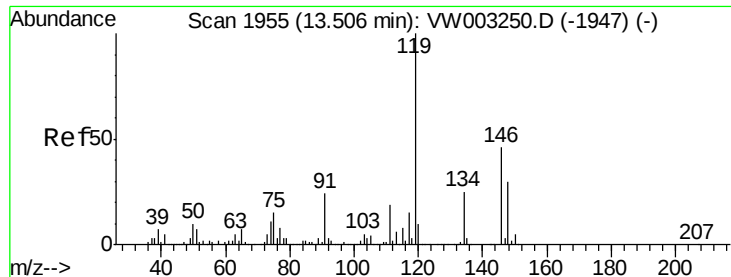


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

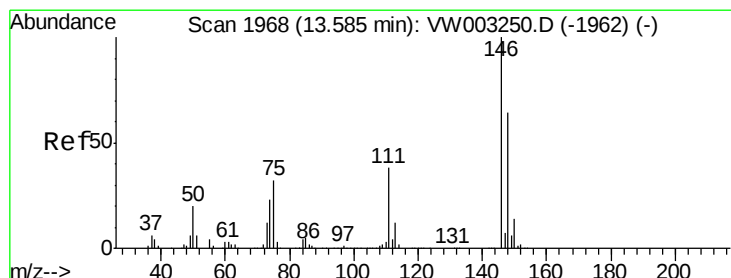
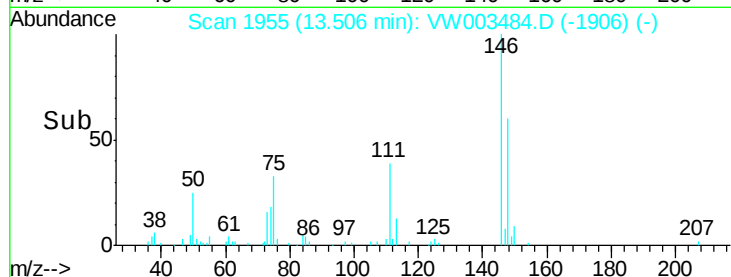
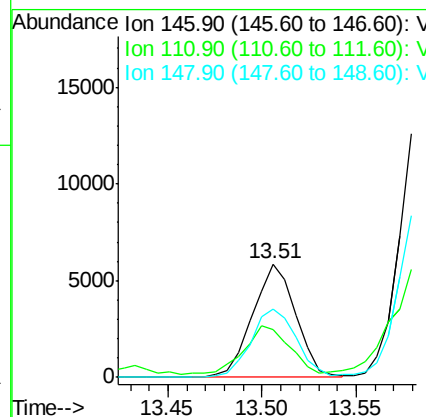
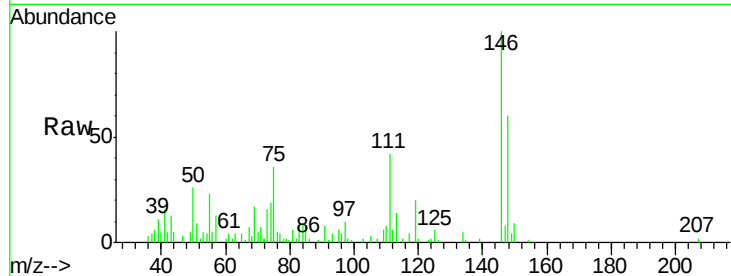




#87
 1,3-Dichlorobenzene
 Concen: 2.17 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003484.D
 Acq: 24 Jun 2018 03:13

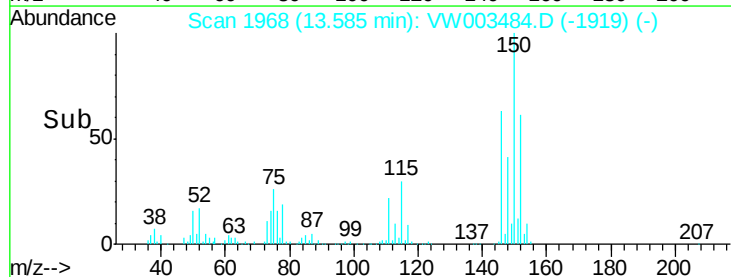
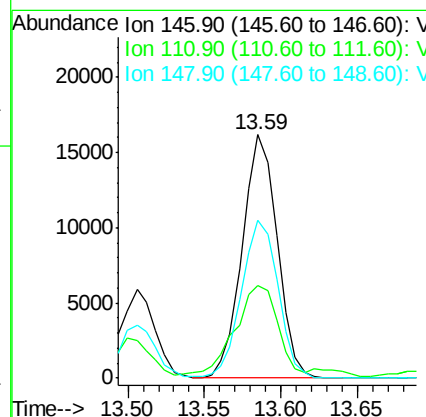
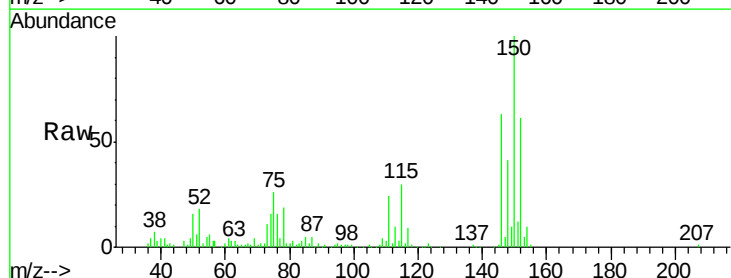
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-15-17-180621

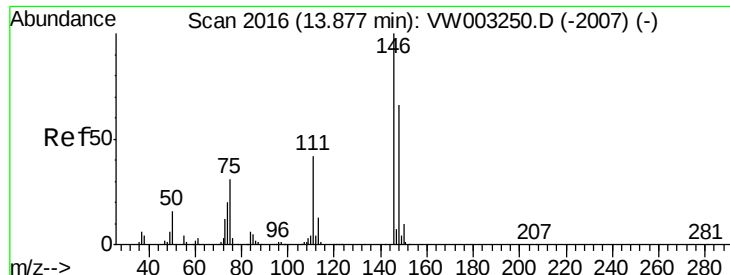
Tot Ion:146 Resp: 9304
 Ion Ratio Lower Upper
 146 100
 111 46.1 19.8 59.4
 148 64.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 6.03 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003484.D
 Acq: 24 Jun 2018 03:13

Tgt Ion:146 Resp: 25745
 Ion Ratio Lower Upper
 146 100
 111 44.7 19.2 57.6
 148 67.9 31.8 95.4





#91

1,2-Dichlorobenzene

Concen: 15.86 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003484.D

Acq: 24 Jun 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-15-17-180621

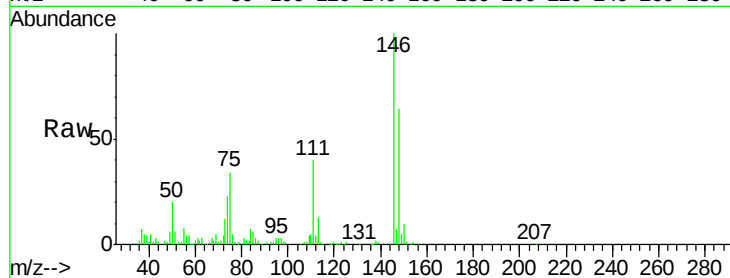
Tot Ion:146 Resp: 59652

Ion Ratio Lower Upper

146 100

111 42.3 20.3 61.0

148 63.5 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

