

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003497.D
 Acq On : 24 Jun 2018 08:48
 Operator : SY/AP
 Sample : J3669-01
 Misc : 6.52G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB484-15-17-180620

Quant Time: Jun 25 05:27:03 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

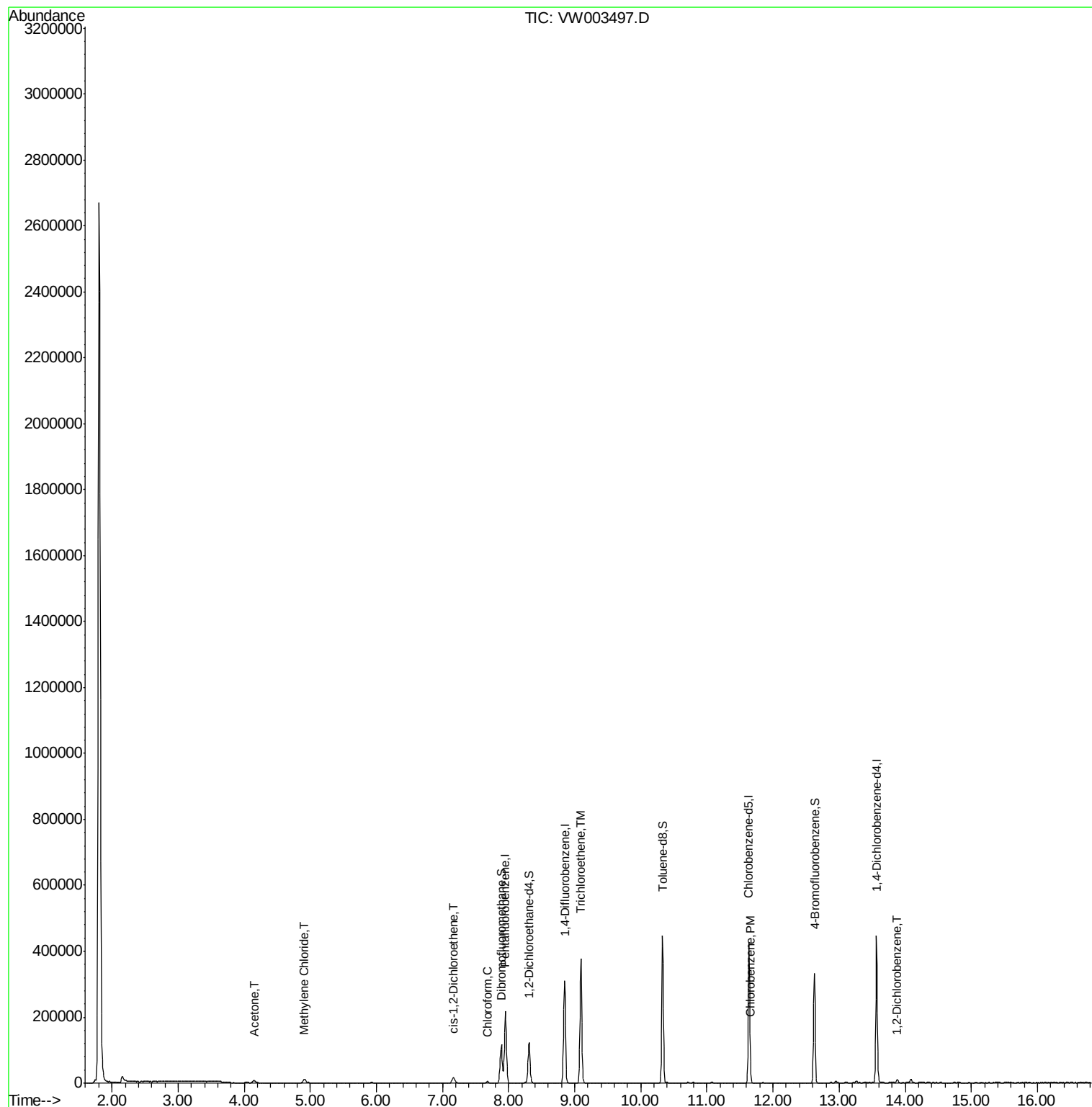
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	154031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	246480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	226121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	110318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	98215	58.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.74%	
35) Dibromofluoromethane	7.89	113	81356	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
50) Toluene-d8	10.33	98	285535	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
62) 4-Bromofluorobenzene	12.62	95	100487	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
Target Compounds						
16) Acetone	4.15	43	14681	41.96	ug/l	96
20) Methylene Chloride	4.91	84	8778	2.41	ug/l	86
27) cis-1,2-Dichloroethene	7.17	96	2175	1.30	ug/l	87
30) Chloroform	7.68	83	3686	1.25	ug/l	89
44) Trichloroethene	9.09	130	129467	74.47	ug/l	100
65) Chlorobenzene	11.66	112	5178	1.10	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	3320	1.03	ug/l	95

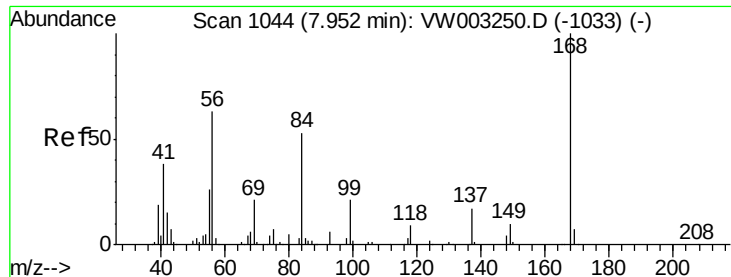
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
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: VW003497.D

Acq: 24 Jun 2018 08:48

Instrument :

MSVOA_W

ClientSampleId :

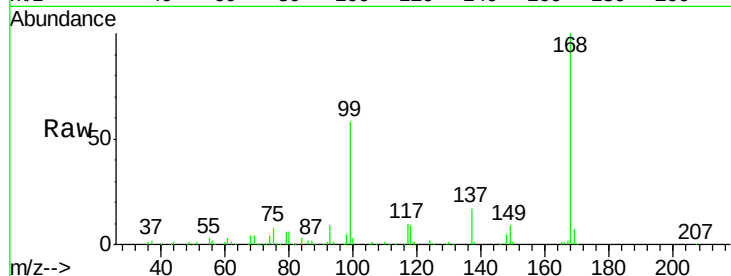
WP021SB484-15-17-180620

Tot Ion:168 Resp: 154031

Ion Ratio Lower Upper

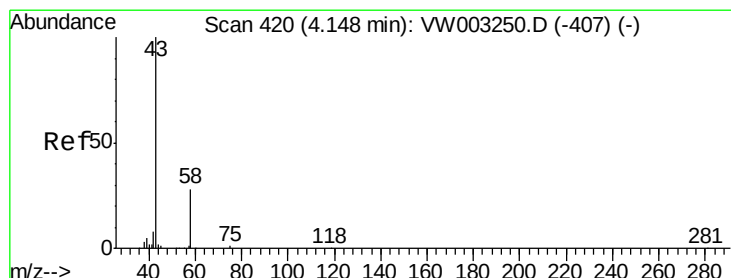
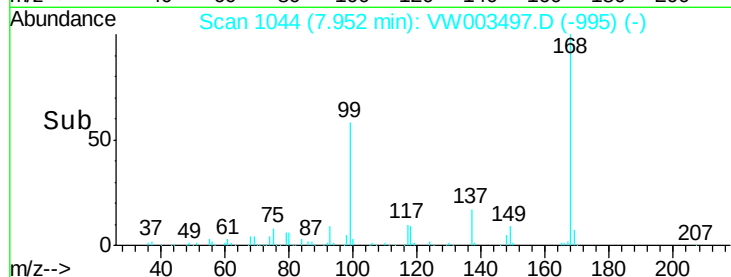
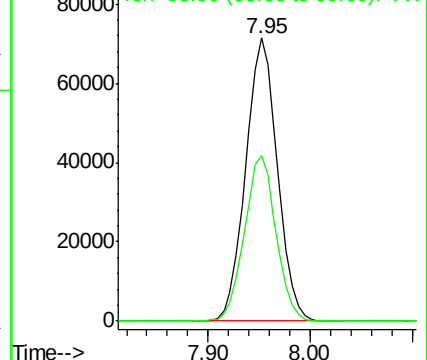
168 100

99 58.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 41.96 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003497.D

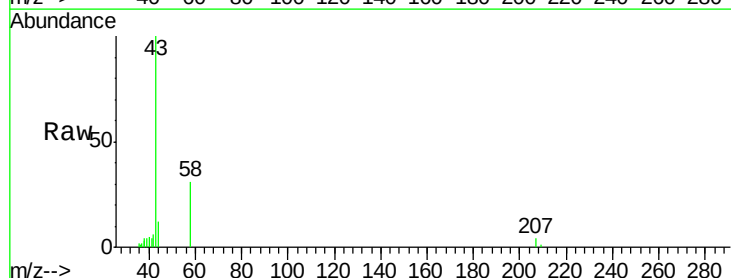
Acq: 24 Jun 2018 08:48

Tgt Ion: 43 Resp: 14681

Ion Ratio Lower Upper

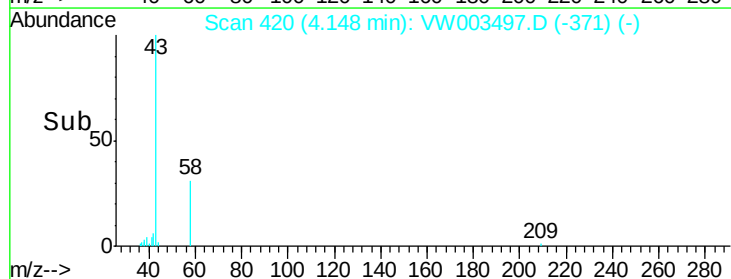
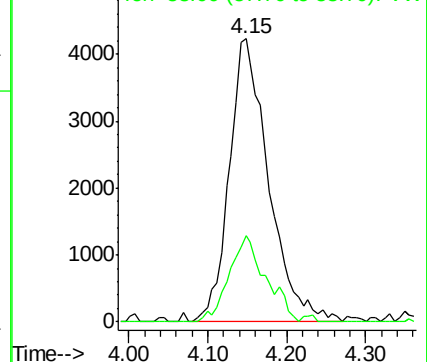
43 100

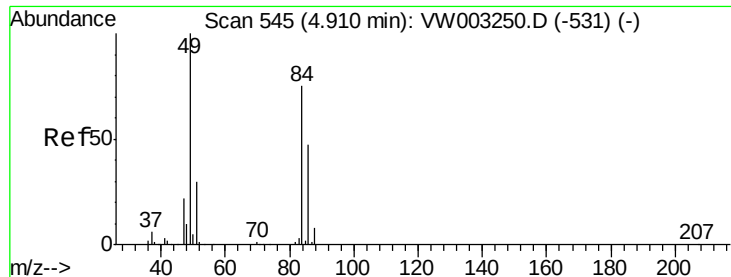
58 30.5 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

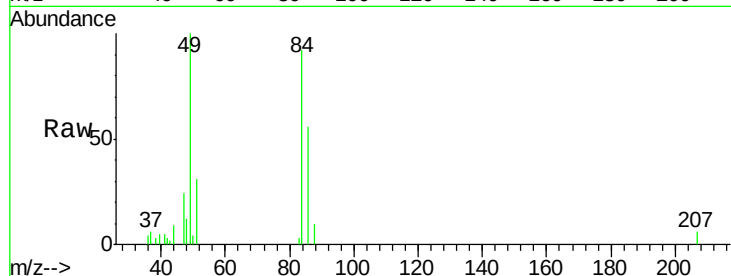




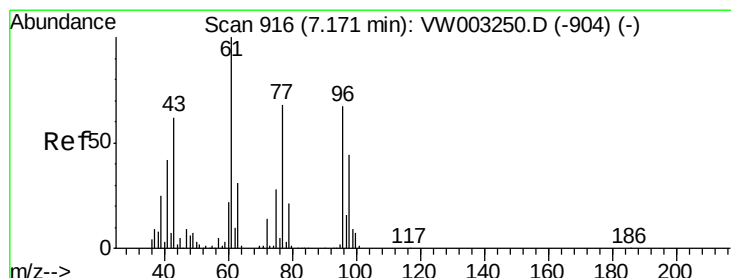
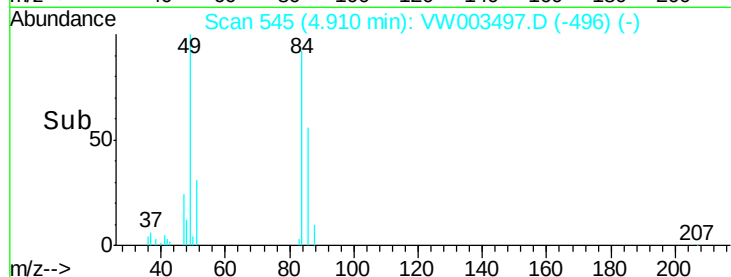
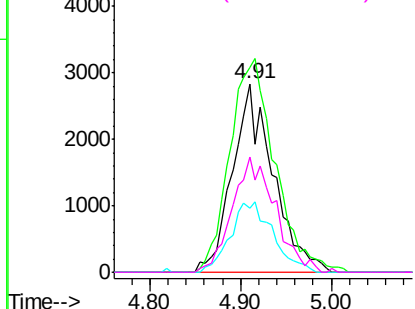
#20
Methvlene Chloride
Concen: 2.41 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003497.D
Acq: 24 Jun 2018 08:48

Instrument :
MSVOA_W
ClientSampleId :
WP021SB484-15-17-180620

Tot Ion:	84	Resp:	8778
Ion	Ratio	Lower	Upper
84	100		
49	108.8	106.3	159.5
51	33.8	32.0	48.0
86	61.5	49.9	74.9

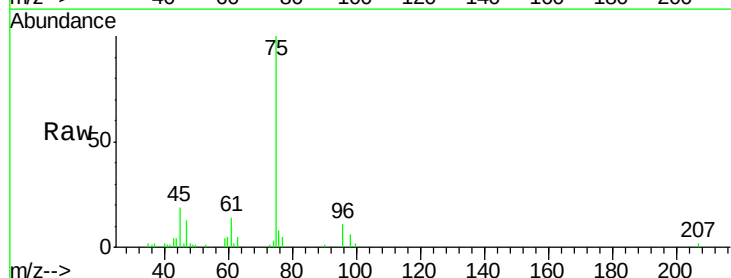


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

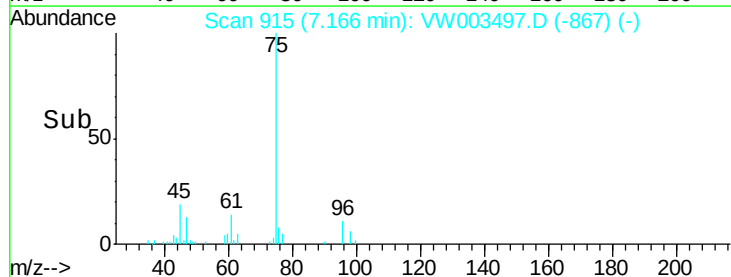
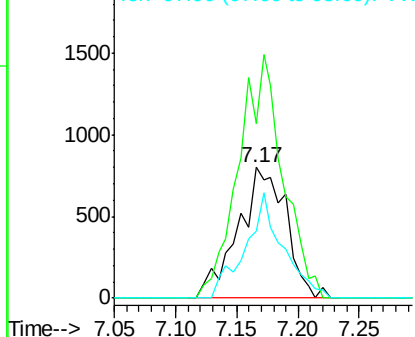


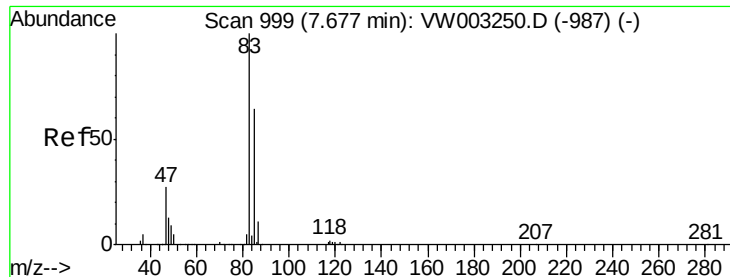
#27
cis-1,2-Dichloroethene
Concen: 1.30 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003497.D
Acq: 24 Jun 2018 08:48

Tgt Ion:	96	Resp:	2175
Ion	Ratio	Lower	Upper
96	100		
61	171.8	0.0	298.8
98	63.5	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

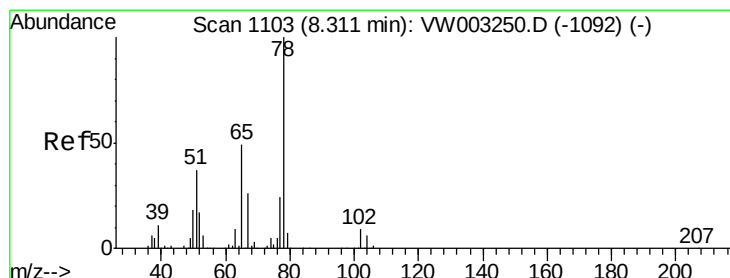
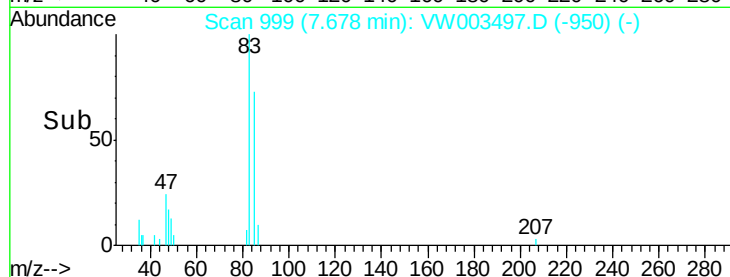
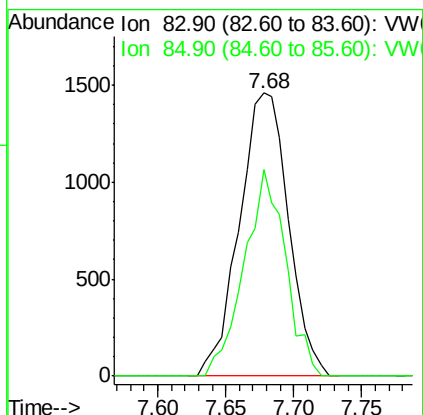
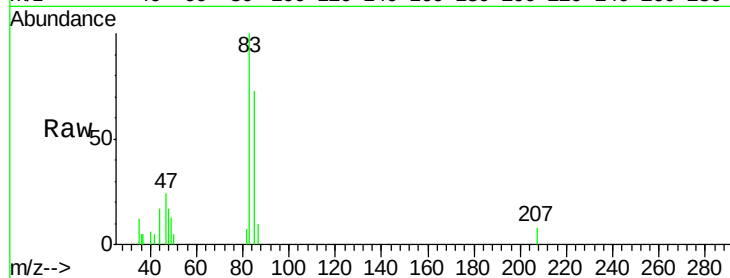




#30
Chloroform
Concen: 1.25 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003497.D
Acq: 24 Jun 2018 08:48

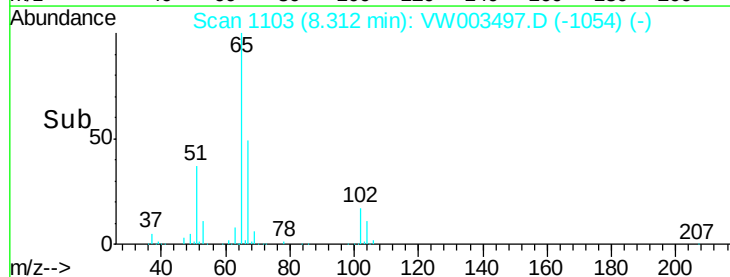
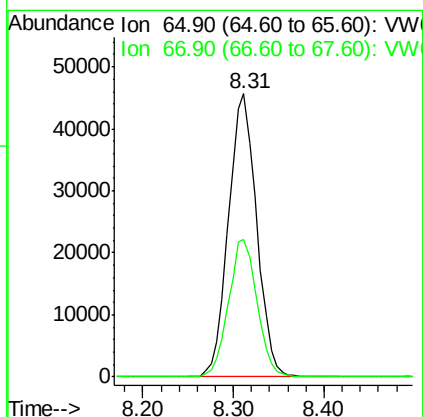
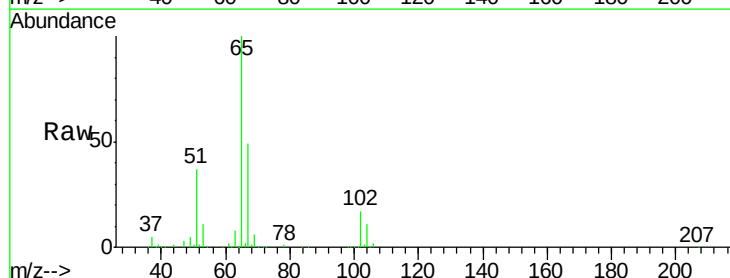
Instrument :
MSVOA_W
ClientSampleId :
WP021SB484-15-17-180620

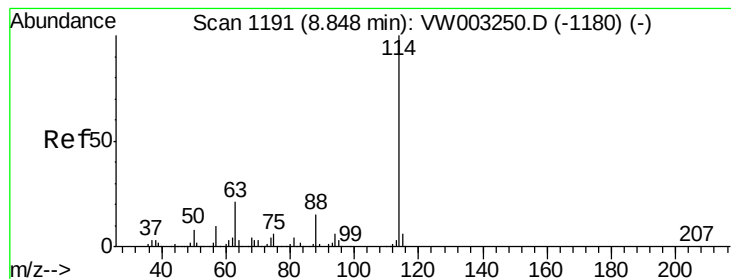
Tot Ion: 83 Resp: 3686
Ion Ratio Lower Upper
83 100
85 73.1 51.3 76.9



#33
1,2-Dichloroethane-d4
Concen: 58.87 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003497.D
Acq: 24 Jun 2018 08:48

Tgt Ion: 65 Resp: 98215
Ion Ratio Lower Upper
65 100
67 49.4 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: VW003497.D

Acq: 24 Jun 2018 08:48

Instrument :

MSVOA_W

ClientSampleId :

WP021SB484-15-17-180620

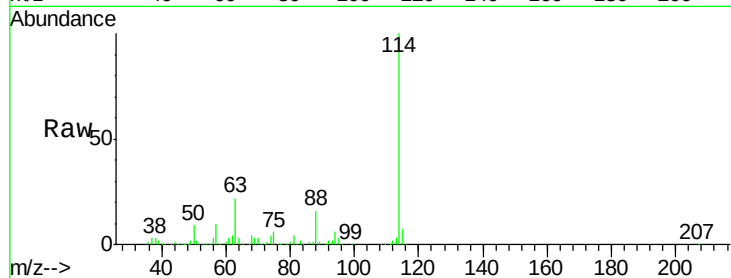
Tot Ion:114 Resp: 246480

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.0

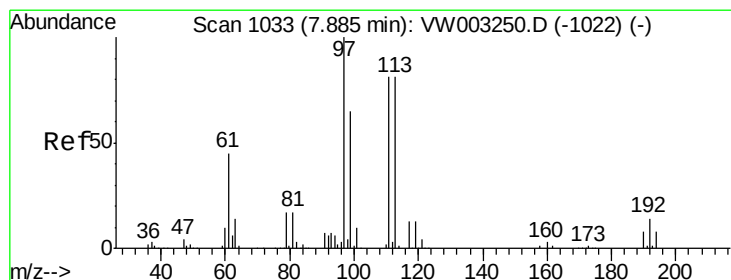
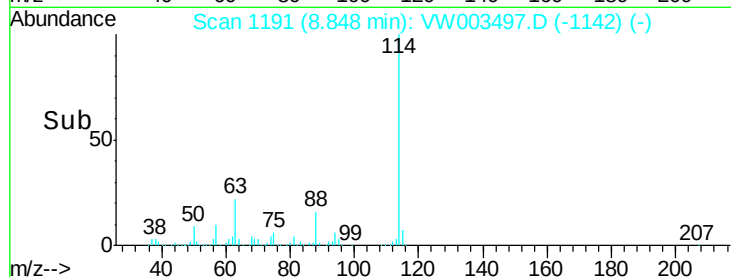
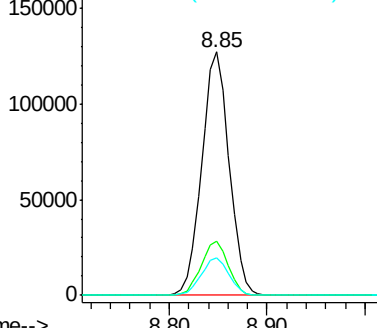
88 15.6 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 53.12 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003497.D

Acq: 24 Jun 2018 08:48

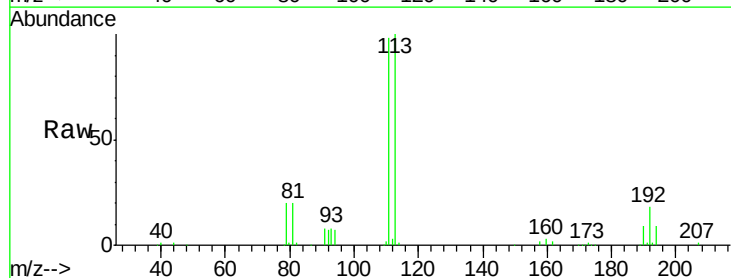
Tgt Ion:113 Resp: 81356

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

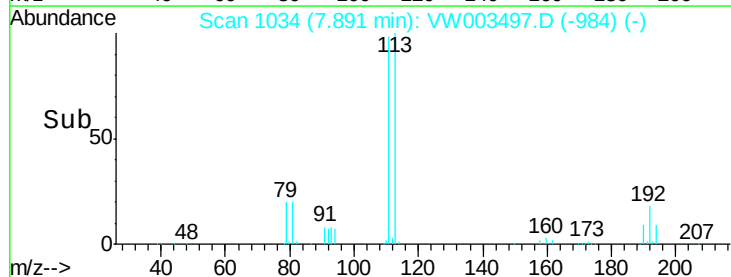
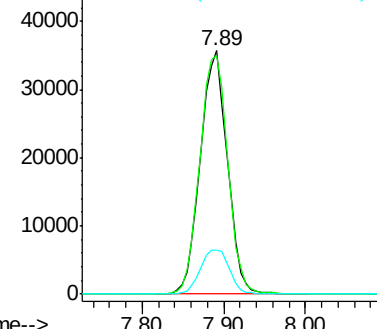
192 19.5 16.2 24.2

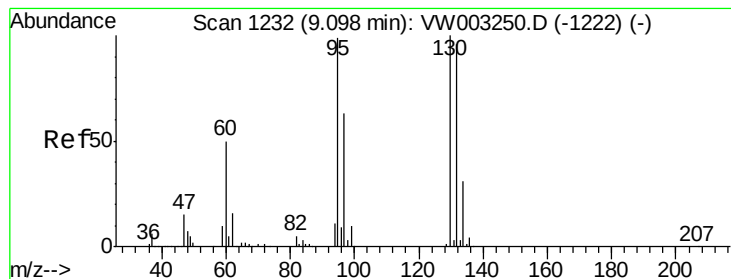


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 74.47 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003497.D

Acq: 24 Jun 2018 08:48

Instrument :

MSVOA_W

ClientSampleId :

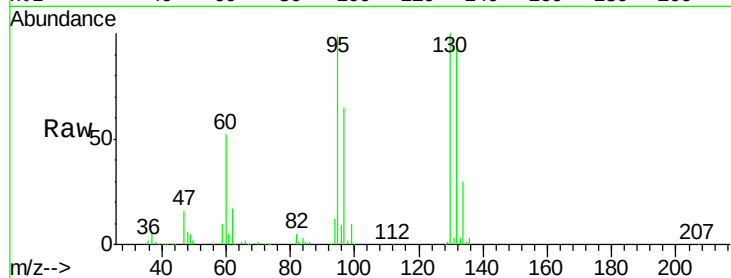
WP021SB484-15-17-180620

Tot Ion:130 Resp: 129467

Ion Ratio Lower Upper

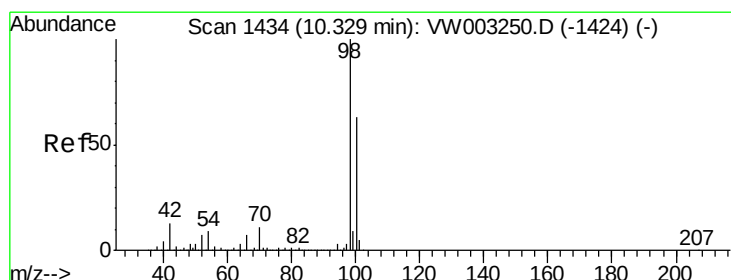
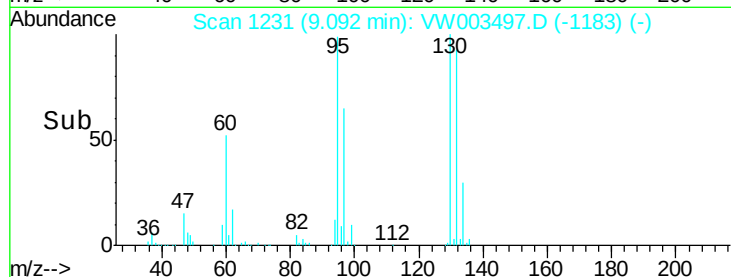
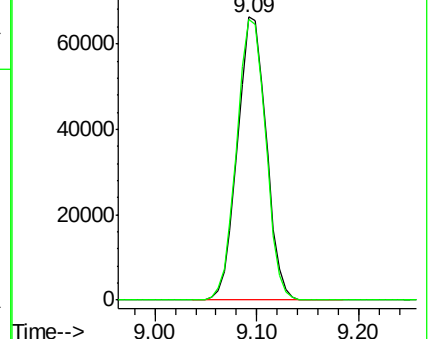
130 100

95 99.3 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: 47.02 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003497.D

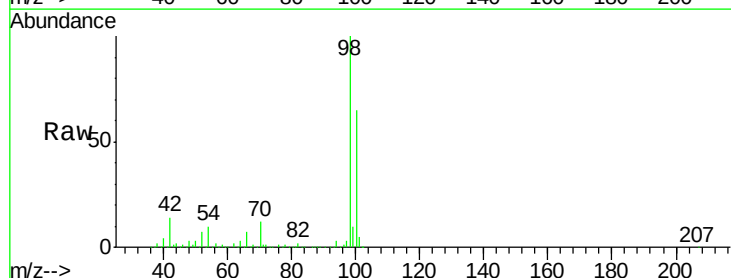
Acq: 24 Jun 2018 08:48

Tgt Ion: 98 Resp: 285535

Ion Ratio Lower Upper

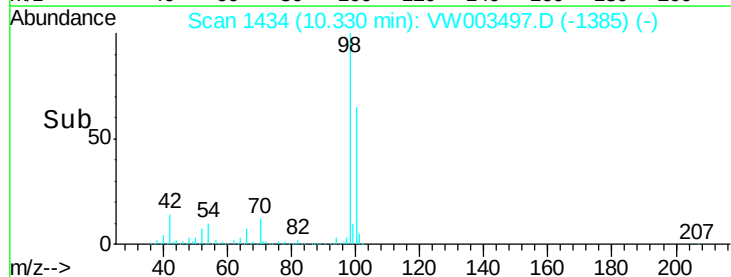
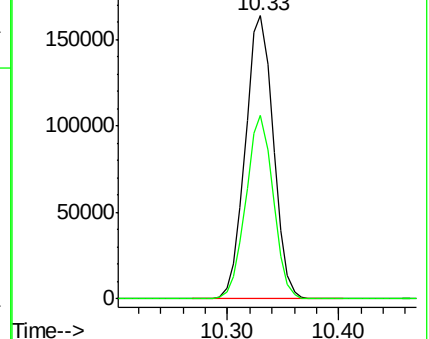
98 100

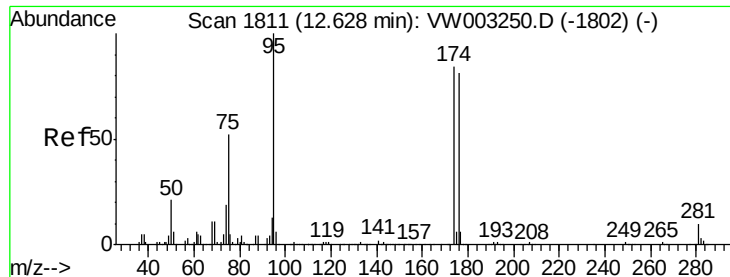
100 63.3 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.76 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003497.D

Acq: 24 Jun 2018 08:48

Instrument :

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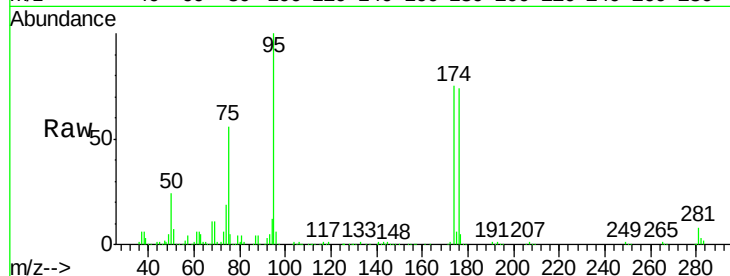
Tot Ion: 95 Resp: 100487

Ion Ratio Lower Upper

95 100

174 83.0 0.0 166.4

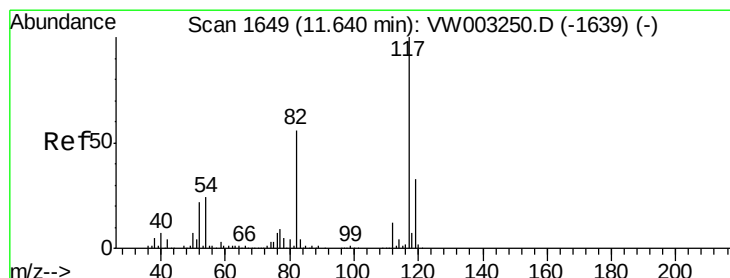
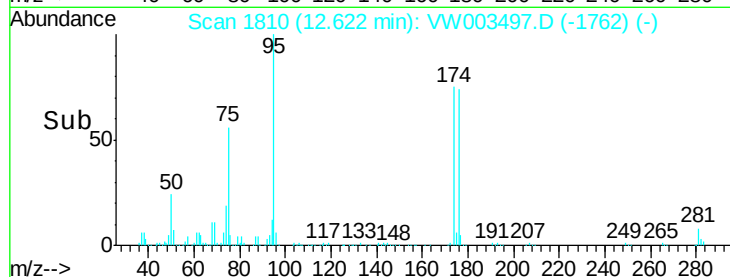
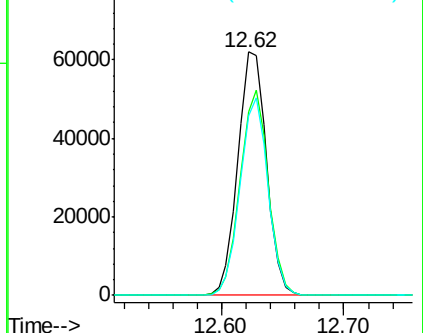
176 79.2 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003497.D

Acq: 24 Jun 2018 08:48

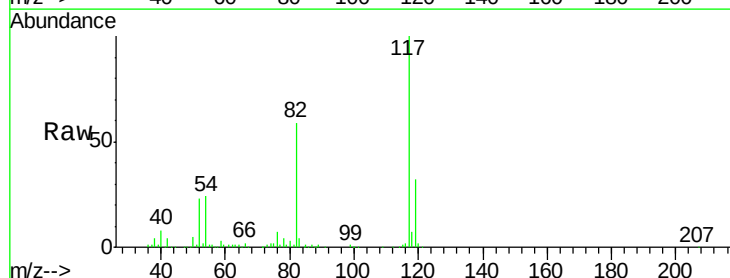
Tgt Ion: 117 Resp: 226121

Ion Ratio Lower Upper

117 100

82 58.8 44.6 67.0

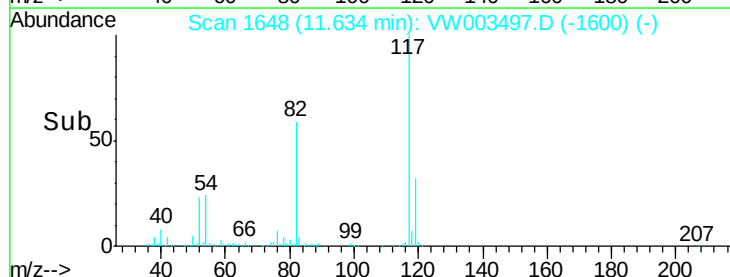
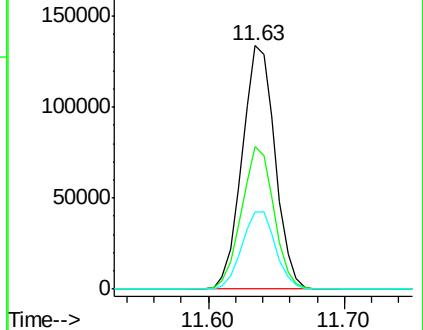
119 31.8 26.7 40.1

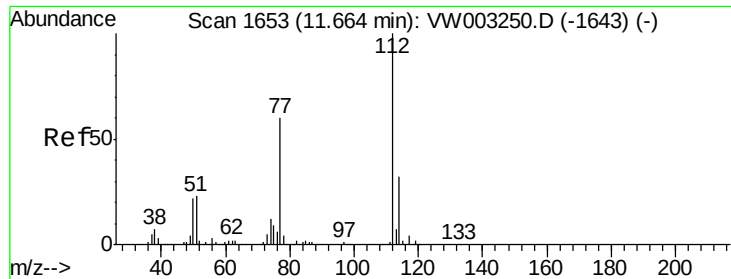


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#65

Chlorobenzene

Concen: 1.10 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003497.D

Acq: 24 Jun 2018 08:48

Instrument :

MSVOA_W

ClientSampleId :

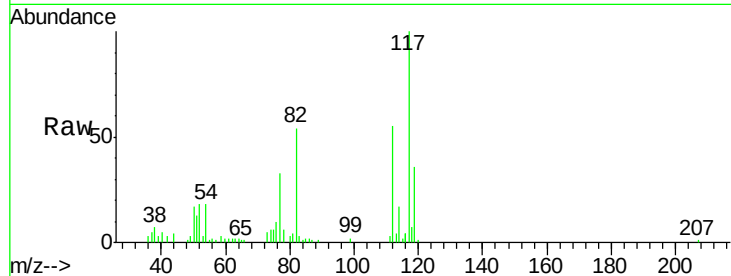
WP021SB484-15-17-180620

Tot Ion:112 Resp: 5178

Ion Ratio Lower Upper

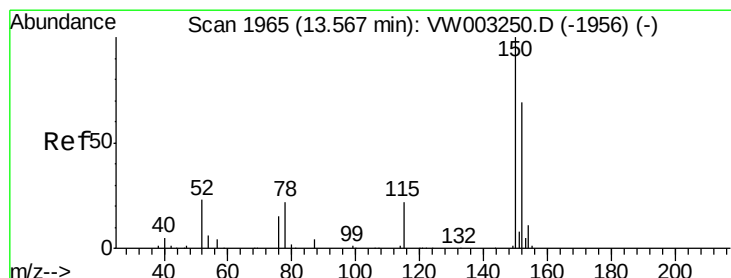
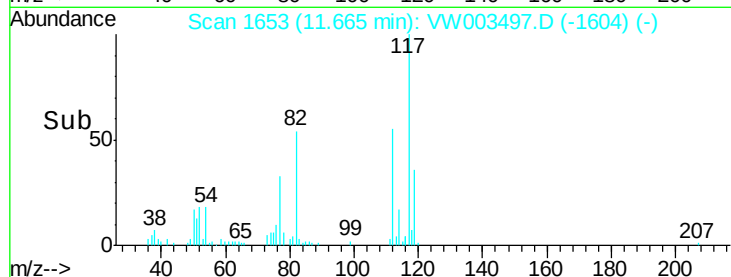
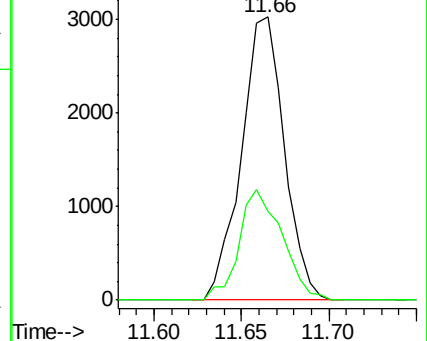
112 100

114 31.4 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: VW003497.D

Acq: 24 Jun 2018 08:48

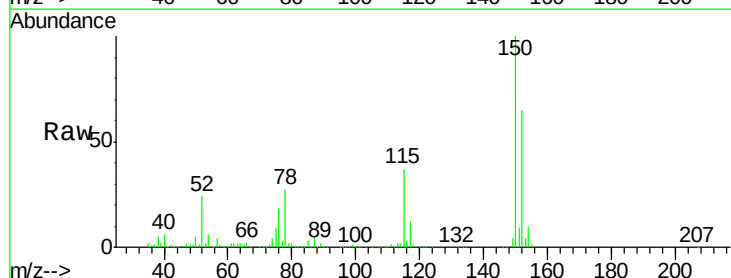
Tgt Ion:152 Resp: 110318

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

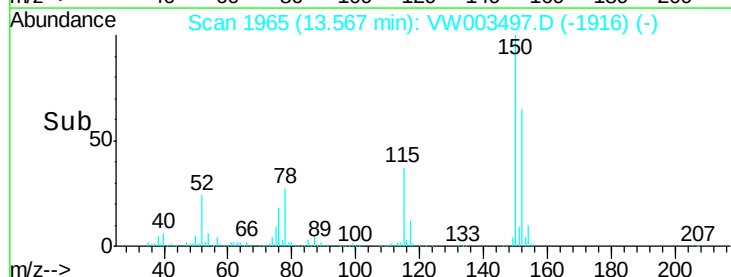
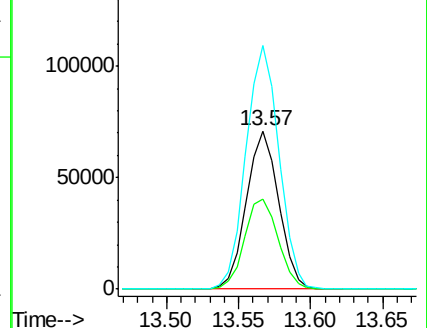
150 156.9 0.0 349.6

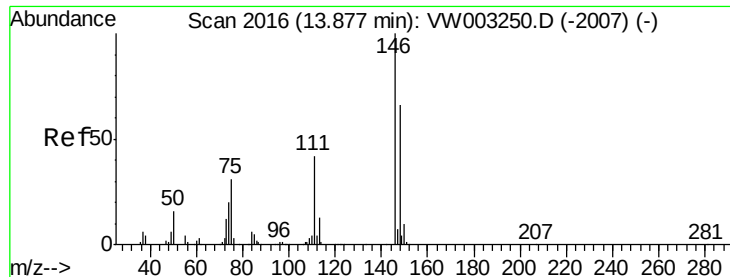


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91

1,2-Dichlorobenzene

Concen: 1.03 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003497.D

Acq: 24 Jun 2018 08:48

Instrument :

MSVOA_W

ClientSampleId :

WP021SB484-15-17-180620

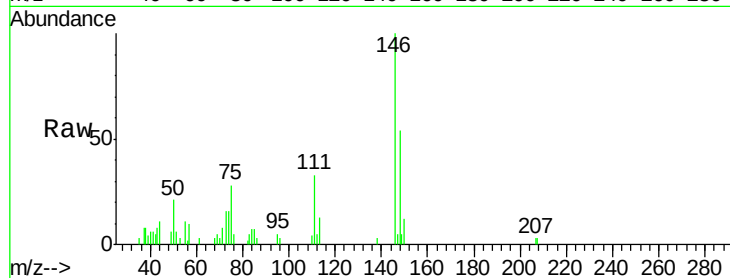
Tot Ion:146 Resp: 3320

Ion Ratio Lower Upper

146 100

111 45.2 20.3 61.0

148 67.8 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

