

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003532.D
 Acq On : 25 Jun 2018 02:42
 Operator : SY/AP
 Sample : J3671-24
 Misc : 6.03G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB486-29-31-180621

Quant Time: Jun 25 05:52:56 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

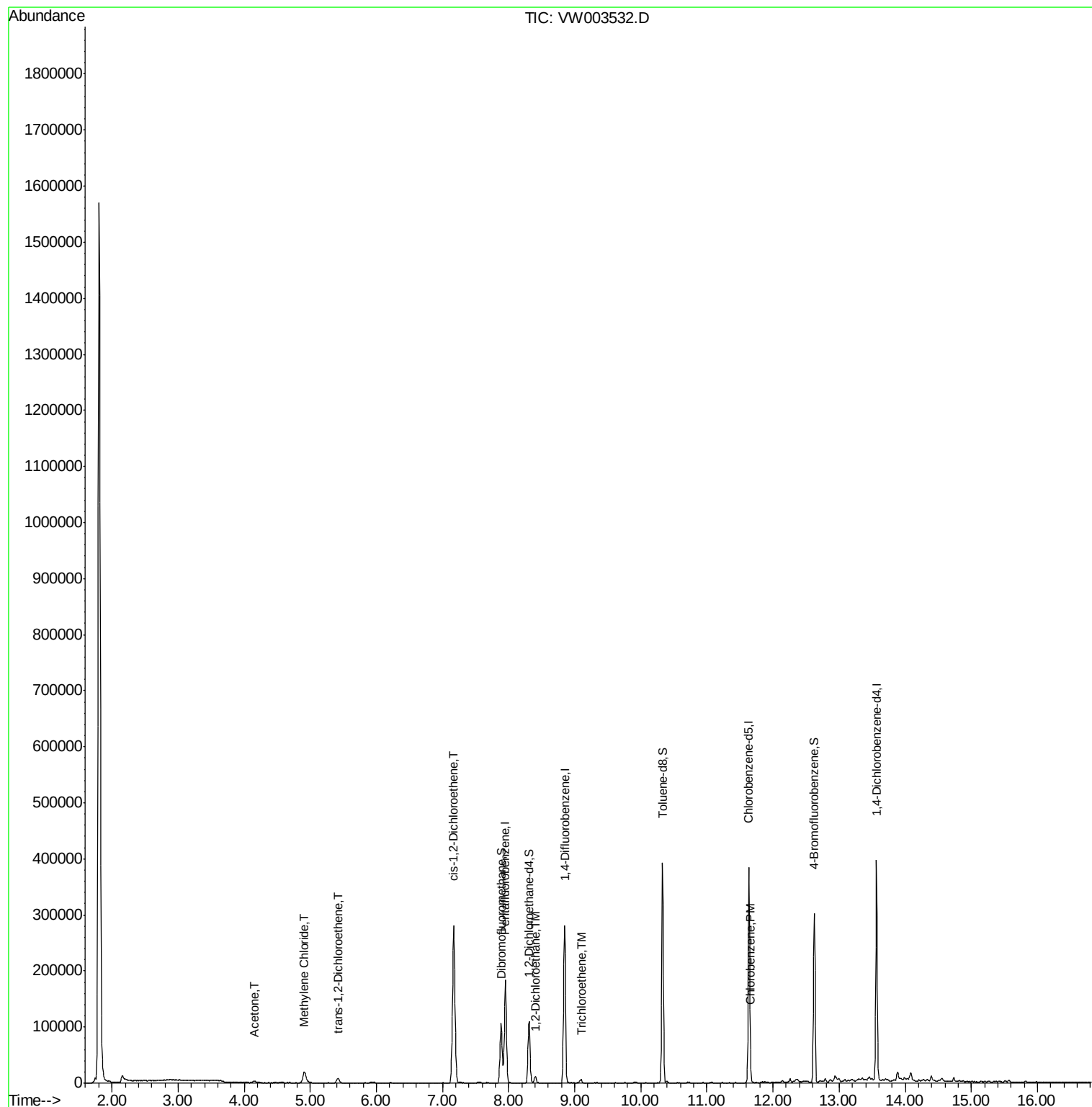
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	223324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	200243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	97322	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	89165	62.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.22%	
35) Dibromofluoromethane	7.88	113	73738	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
50) Toluene-d8	10.33	98	254325	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
62) 4-Bromofluorobenzene	12.62	95	90268	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
Target Compounds						
16) Acetone	4.15	43	6386	21.21	ug/l	99
20) Methylene Chloride	4.90	84	15413	9.04	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	4700	3.60	ug/l	92
27) cis-1,2-Dichloroethene	7.17	96	161081	112.29	ug/l	92
42) 1,2-Dichloroethane	8.41	62	11073	5.95	ug/l	97
44) Trichloroethene	9.10	130	2005	1.27	ug/l	82
65) Chlorobenzene	11.66	112	5062	1.21	ug/l	94

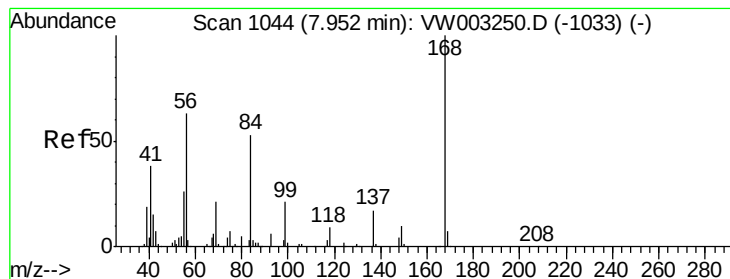
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003532.D

Acq: 25 Jun 2018 02:42

Instrument :

MSVOA_W

ClientSampleId :

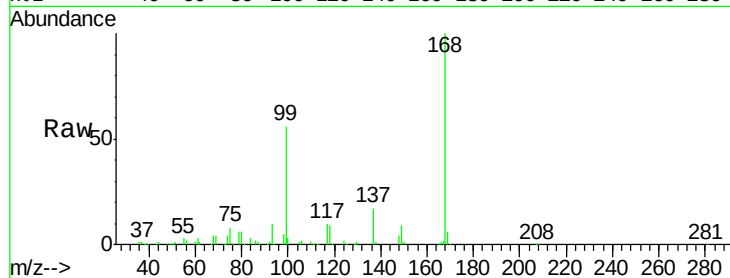
WP021SB486-29-31-180621

Tot Ion:168 Resp: 132544

Ion Ratio Lower Upper

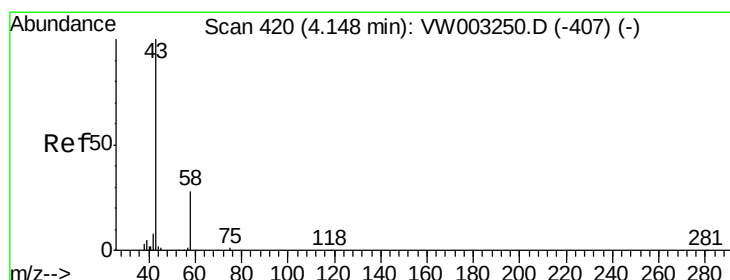
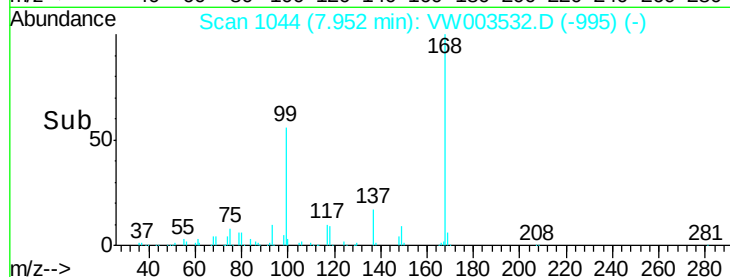
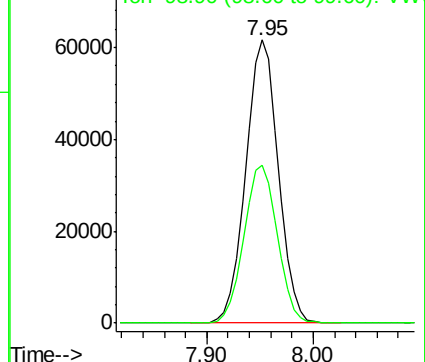
168 100

99 55.7 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: 21.21 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003532.D

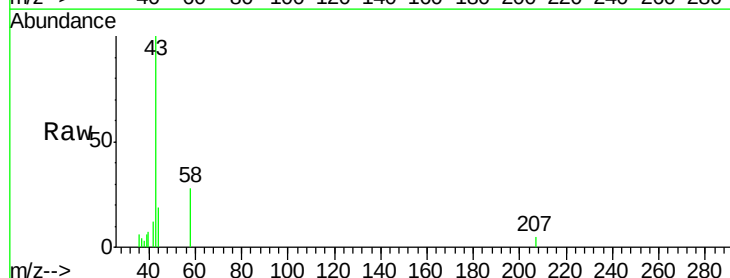
Acq: 25 Jun 2018 02:42

Tgt Ion: 43 Resp: 6386

Ion Ratio Lower Upper

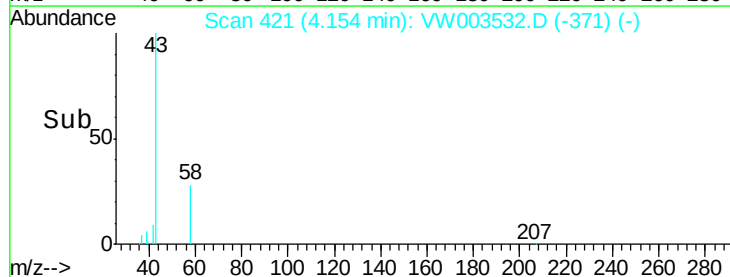
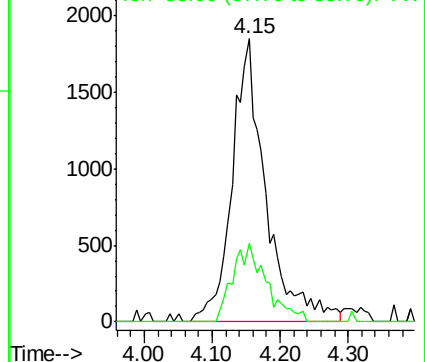
43 100

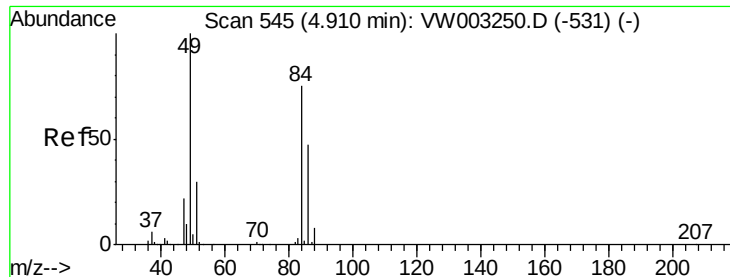
58 27.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

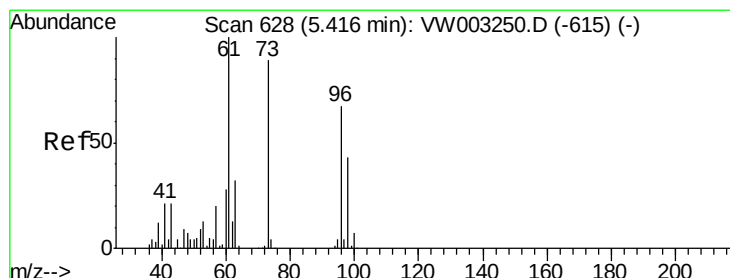
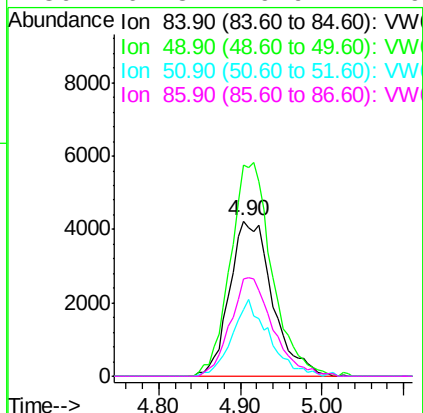
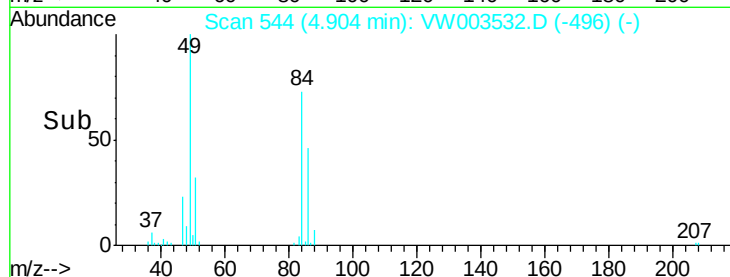
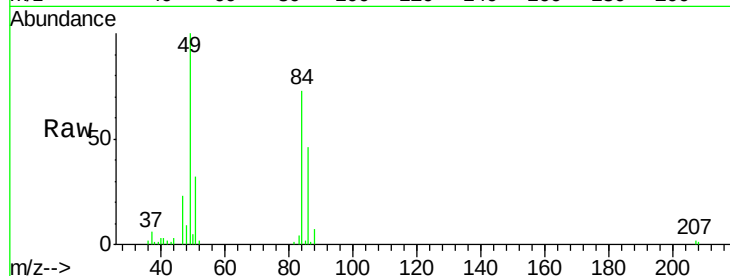




#20
Methylene Chloride
Concen: 9.04 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003532.D
Acq: 25 Jun 2018 02:42

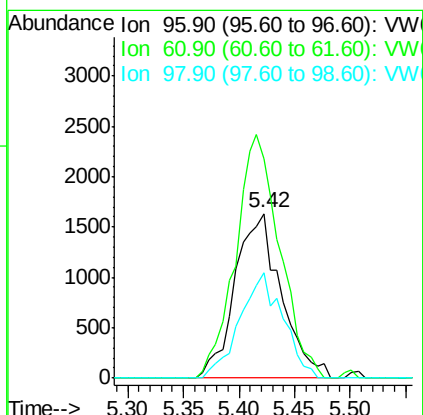
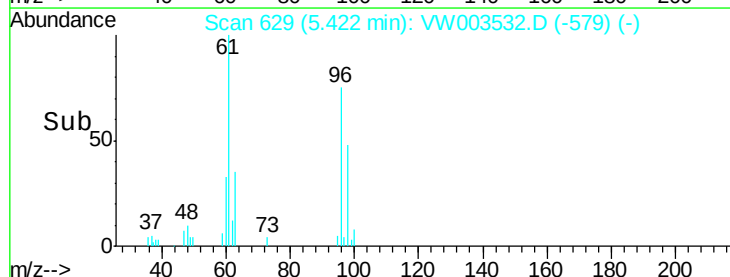
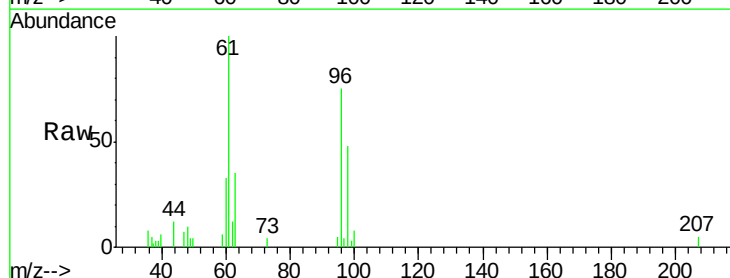
Instrument :
MSVOA_W
ClientSampleId :
WP021SB486-29-31-180621

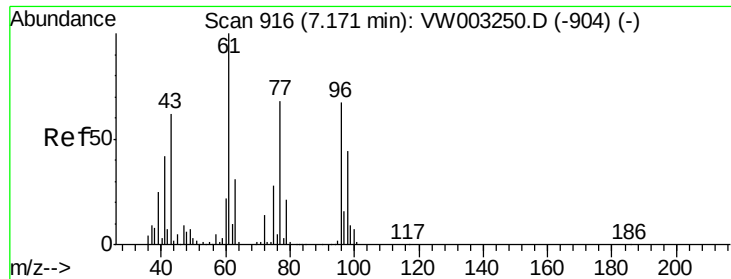
Tot Ion: 84 Resp: 15413
Ion Ratio Lower Upper
84 100
49 136.3 106.3 159.5
51 43.3 32.0 48.0
86 62.8 49.9 74.9



#21
trans-1,2-Dichloroethene
Concen: 3.60 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.01 min
Lab File: VW003532.D
Acq: 25 Jun 2018 02:42

Tgt Ion: 96 Resp: 4700
Ion Ratio Lower Upper
96 100
61 133.4 118.7 178.1
98 63.6 51.0 76.6





#27

cis-1,2-Dichloroethene

Concen: 112.29 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003532.D

Acq: 25 Jun 2018 02:42

Instrument :

MSVOA_W

ClientSampleId :

WP021SB486-29-31-180621

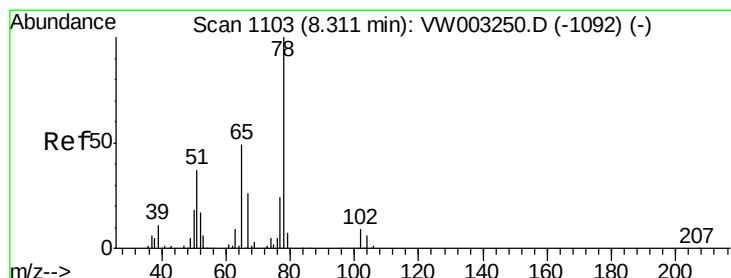
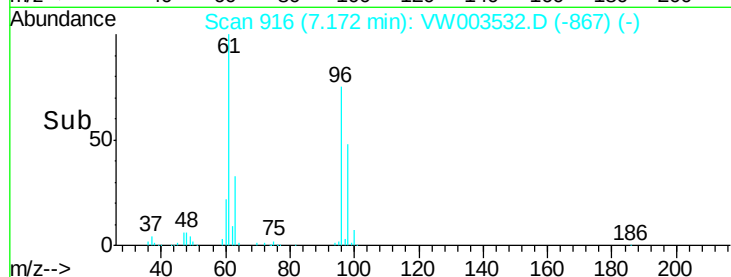
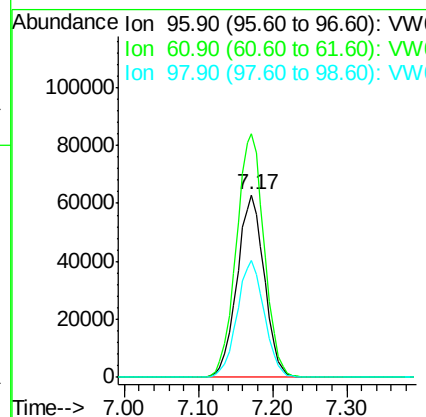
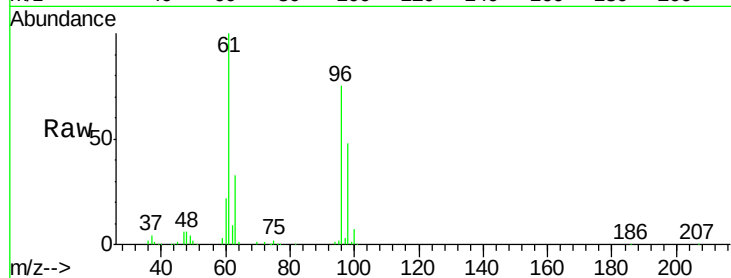
Tot Ion: 96 Resp: 161081

Ion Ratio Lower Upper

96 100

61 136.5 0.0 298.8

98 63.7 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 62.11 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003532.D

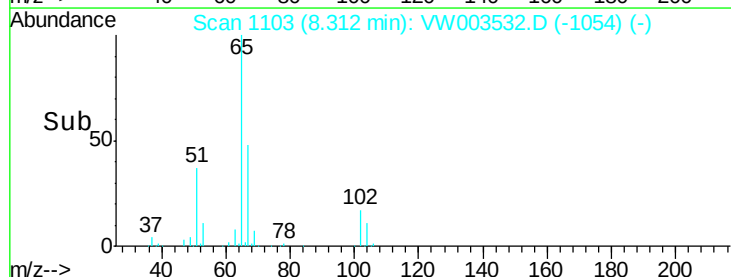
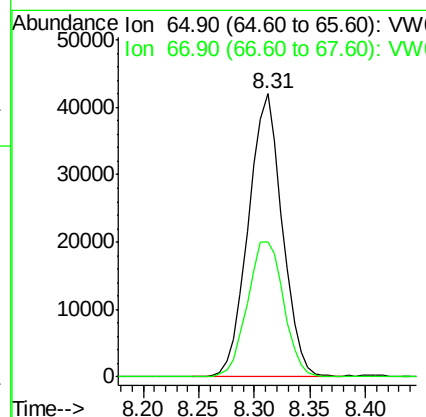
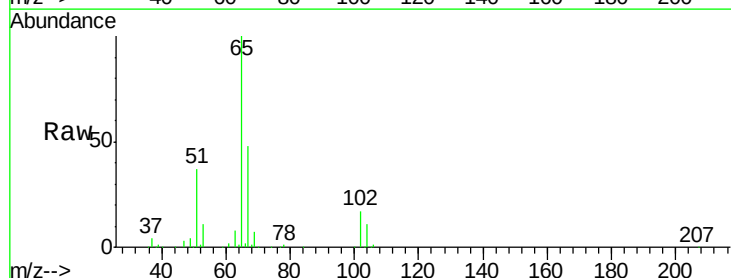
Acq: 25 Jun 2018 02:42

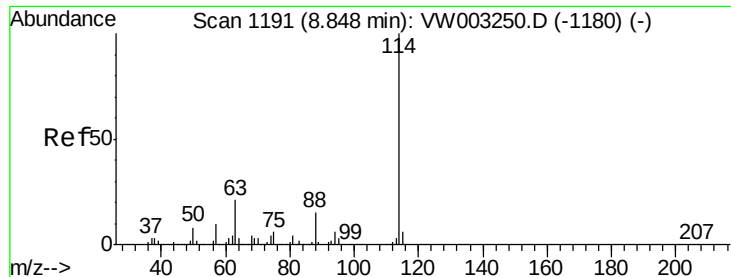
Tgt Ion: 65 Resp: 89165

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.2

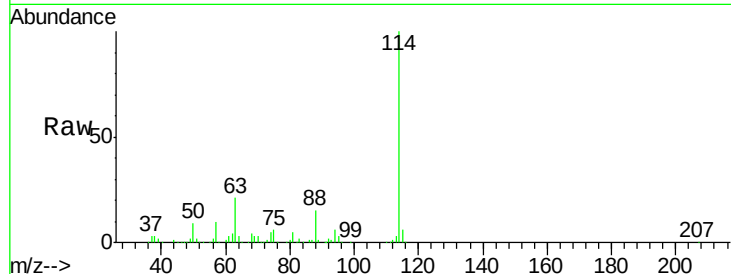




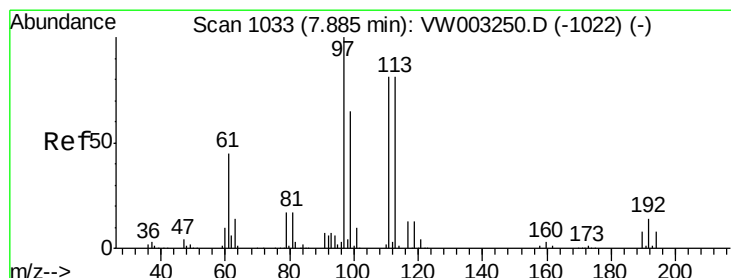
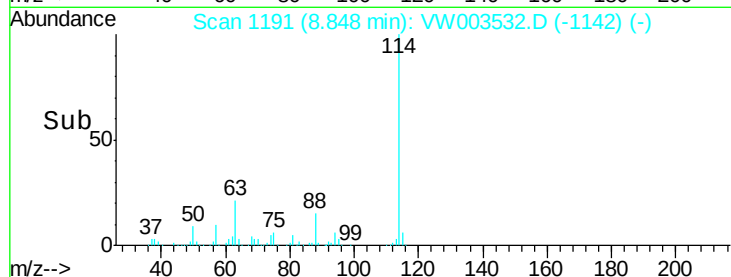
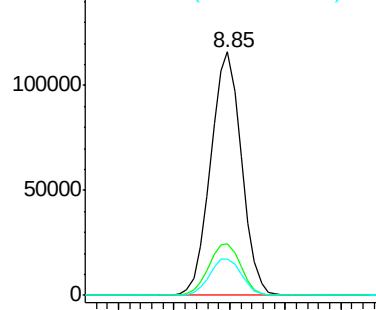
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003532.D
 Acq: 25 Jun 2018 02:42

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB486-29-31-180621

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.0
88	15.0	0.0	29.6

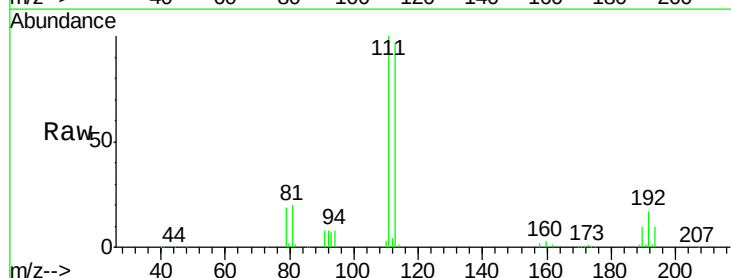


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

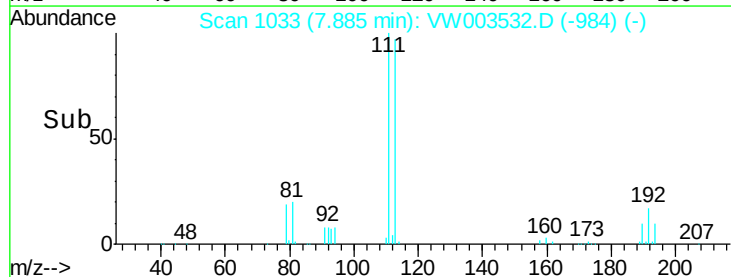
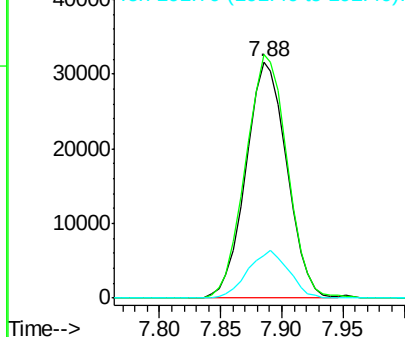


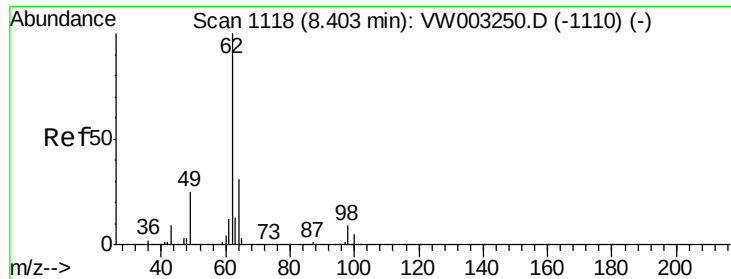
#35
 Dibromofluoromethane
 Concen: 53.14 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003532.D
 Acq: 25 Jun 2018 02:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.2	123.2
192	20.2	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





#42

1,2-Dichloroethane

Concen: 5.95 ug/l

RT: 8.41 min Scan# 1119

Delta R.T. 0.01 min

Lab File: VW003532.D

Acq: 25 Jun 2018 02:42

Instrument :

MSVOA_W

ClientSampleId :

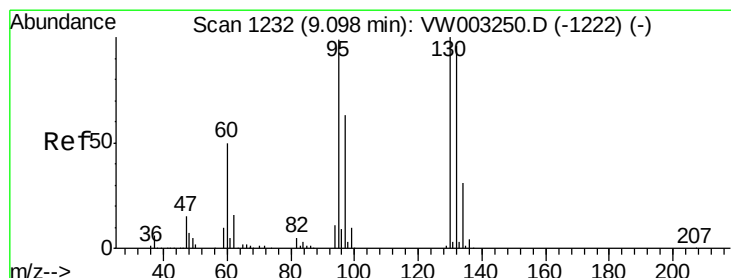
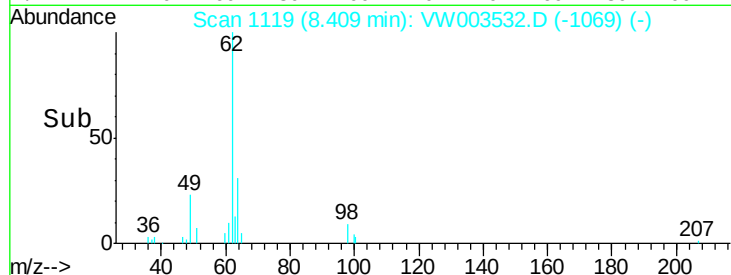
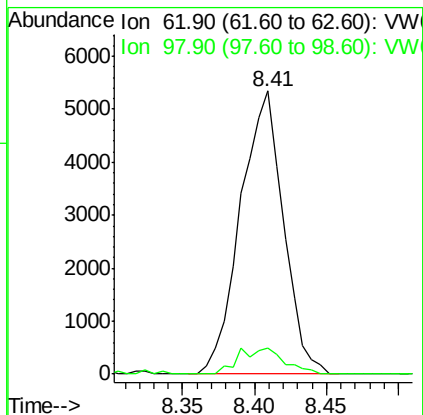
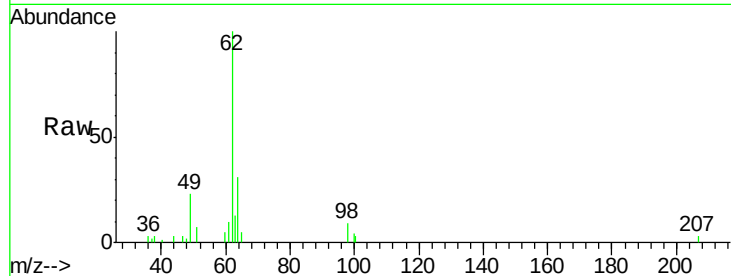
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Tot Ion: 62 Resp: 11073

Ion Ratio Lower Upper

62 100

98 9.8 0.0 17.2



#44

Trichloroethene

Concen: 1.27 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003532.D

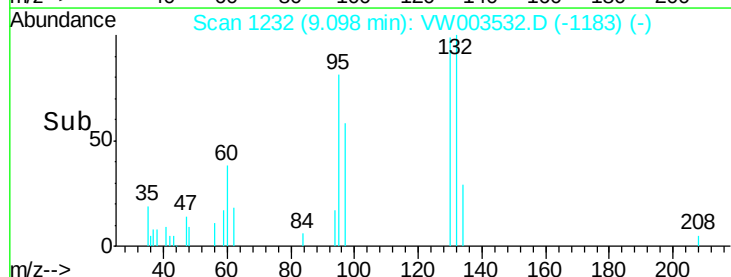
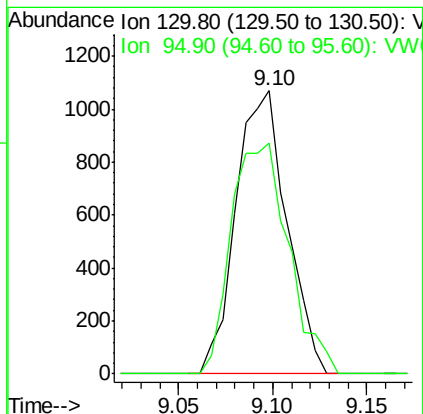
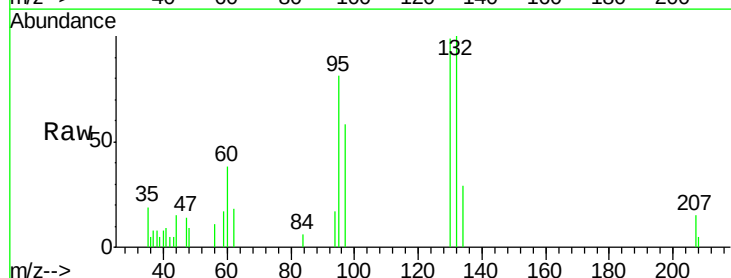
Acq: 25 Jun 2018 02:42

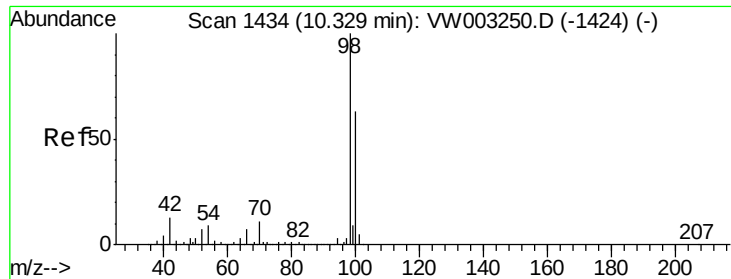
Tgt Ion: 130 Resp: 2005

Ion Ratio Lower Upper

130 100

95 81.6 0.0 198.0





#50

Toluene-d8

Concen: 46.22 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003532.D

Acq: 25 Jun 2018 02:42

Instrument :

MSVOA_W

ClientSampleId :

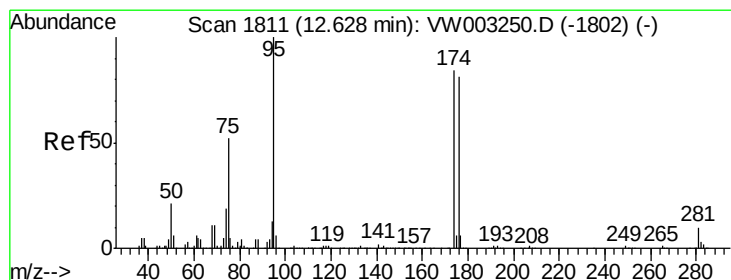
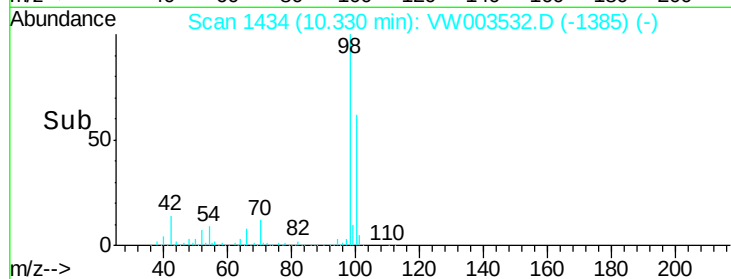
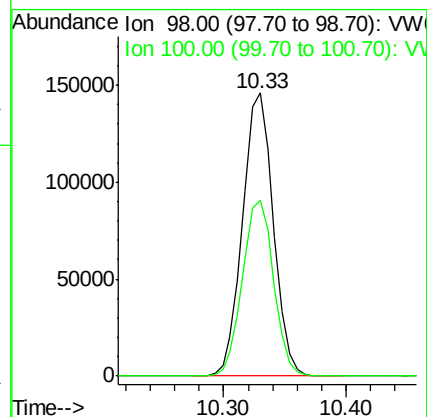
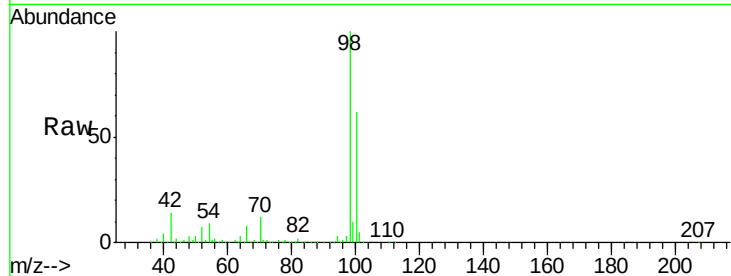
WP021SB486-29-31-180621

Tot Ion: 98 Resp: 254325

Ion Ratio Lower Upper

98 100

100 63.0 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 46.36 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003532.D

Acq: 25 Jun 2018 02:42

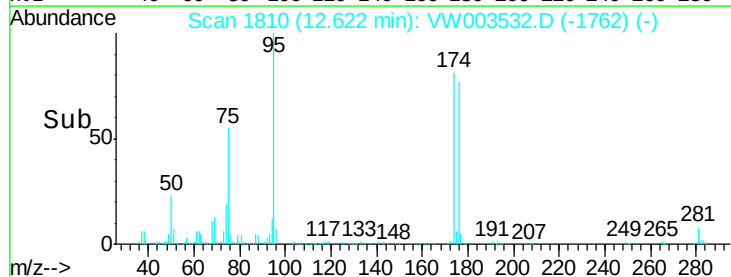
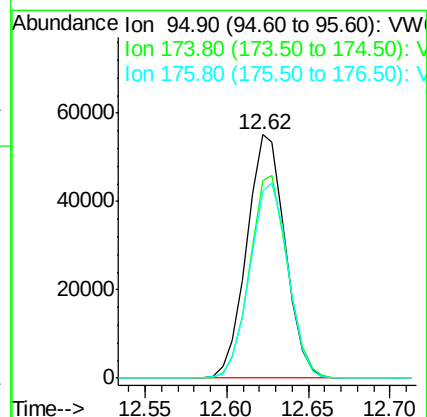
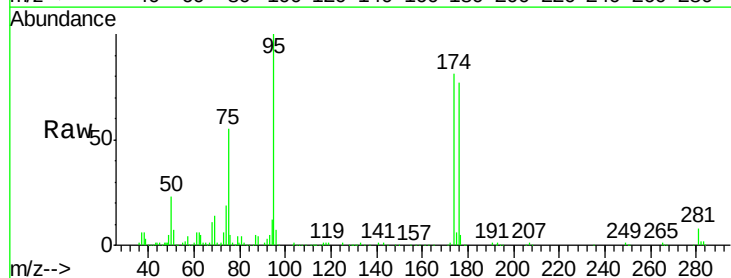
Tgt Ion: 95 Resp: 90268

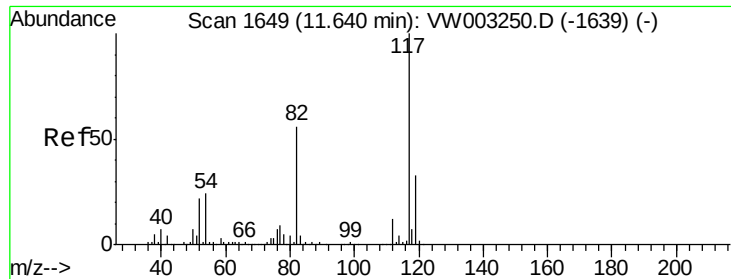
Ion Ratio Lower Upper

95 100

174 82.2 0.0 166.4

176 80.0 0.0 162.0

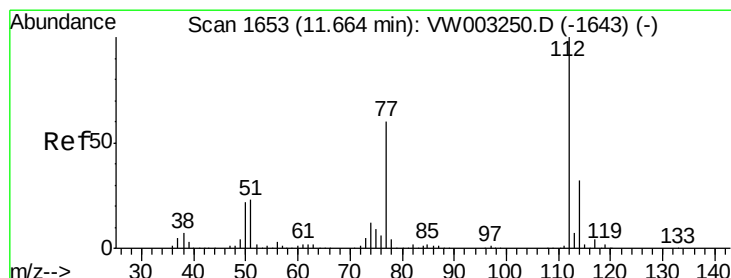
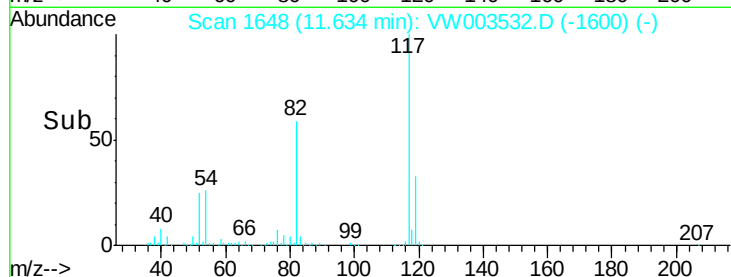
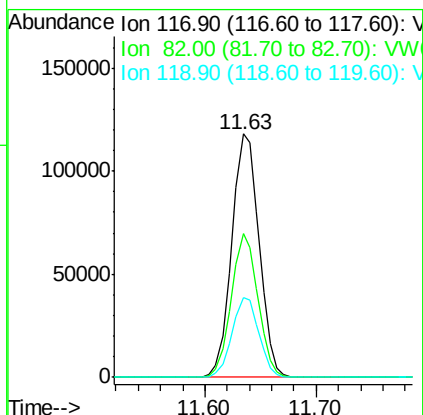
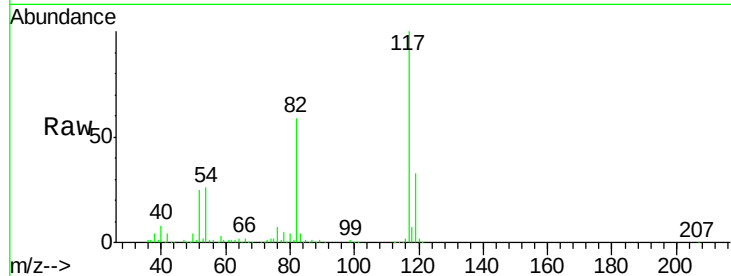




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003532.D
Acq: 25 Jun 2018 02:42

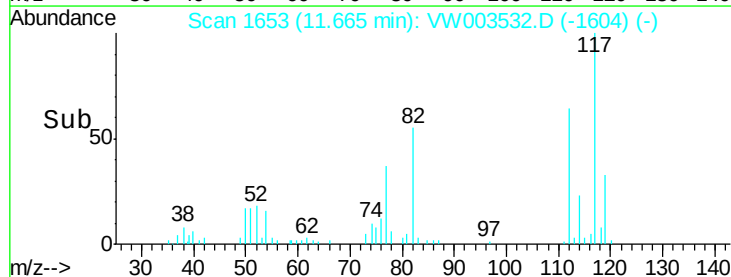
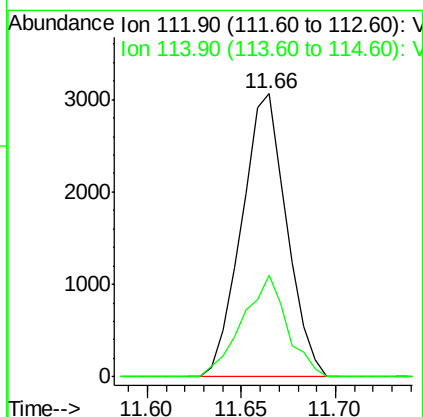
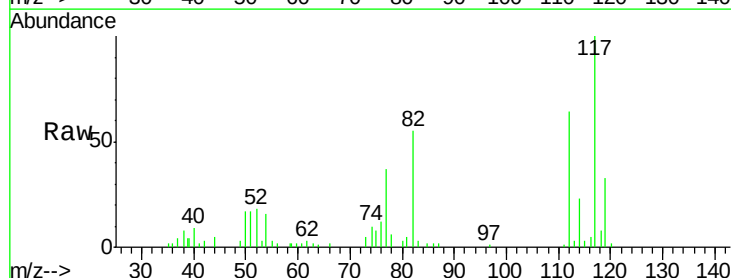
Instrument :
MSVOA_W
ClientSampleId :
WP021SB486-29-31-180621

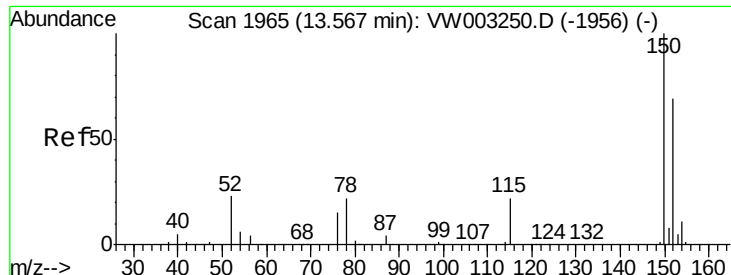
Tot Ion:117 Resp: 200243
Ion Ratio Lower Upper
117 100
82 59.0 44.6 67.0
119 32.6 26.7 40.1



#65
Chlorobenzene
Concen: 1.21 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003532.D
Acq: 25 Jun 2018 02:42

Tgt Ion:112 Resp: 5062
Ion Ratio Lower Upper
112 100
114 36.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003532.D

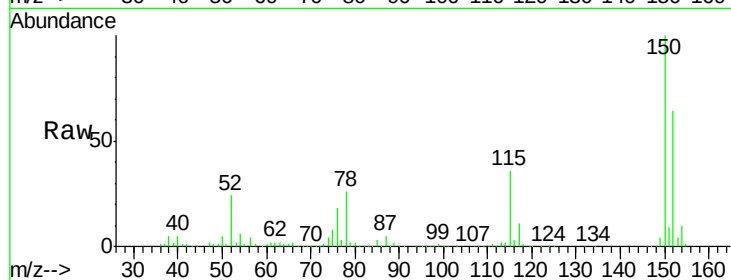
Acq: 25 Jun 2018 02:42

Instrument :

MSVOA_W

ClientSampleId :

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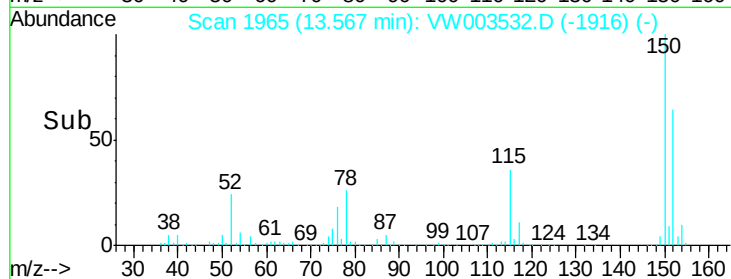
Tot Ion:152 Resp: 97322

Ion Ratio Lower Upper

152 100

115 58.1 29.3 88.0

150 155.8 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

