

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003506.D
 Acq On : 24 Jun 2018 13:21
 Operator : SY/AP
 Sample : J3669-08
 Misc : 6.10G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB484-37-39-180620

Quant Time: Jun 24 23:43:03 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	154109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	249422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	222155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107911	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	90802	54.40	ug/l	0.00
Spiked Amount			Recovery	=	108.80%	
35) Dibromofluoromethane	7.89	113	77758	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
50) Toluene-d8	10.33	98	260933	42.46	ug/l	0.00
Spiked Amount			Recovery	=	84.92%	
62) 4-Bromofluorobenzene	12.63	95	93765	43.11	ug/l	0.00
Spiked Amount			Recovery	=	86.22%	

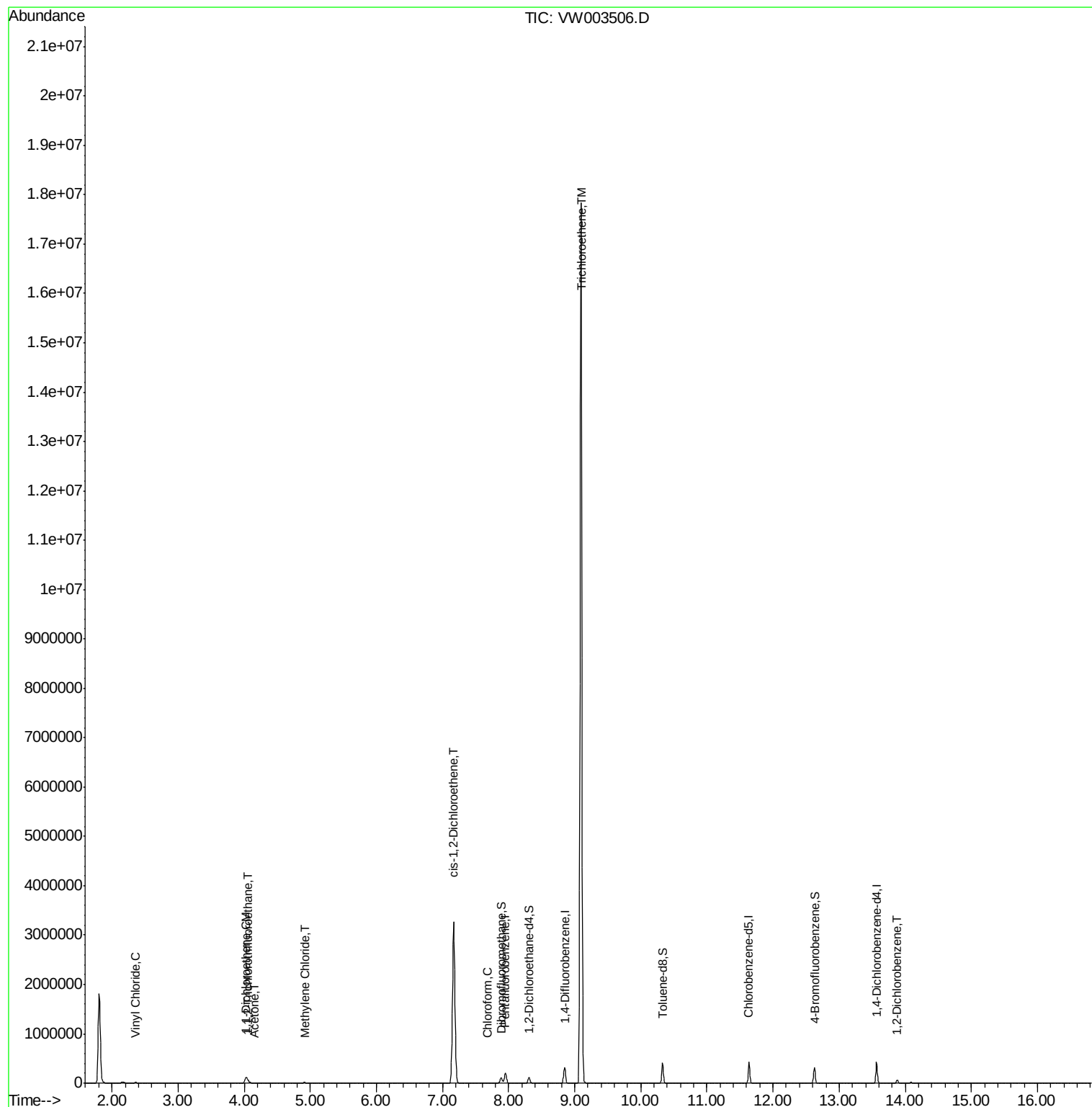
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.36	62	9258	5.39	ug/l #	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	9668	6.77	ug/l	97
12) 1,1-Dichloroethene	4.03	96	63548	45.55	ug/l	99
16) Acetone	4.15	43	10944	31.26	ug/l	98
20) Methylene Chloride	4.92	84	8113	1.93	ug/l #	75
27) cis-1,2-Dichloroethene	7.17	96	1878932	1126.54	ug/l	93
30) Chloroform	7.68	83	6688	2.27	ug/l	93
44) Trichloroethene	9.10	130	5922802	3366.47	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	24084	7.66	ug/l	98

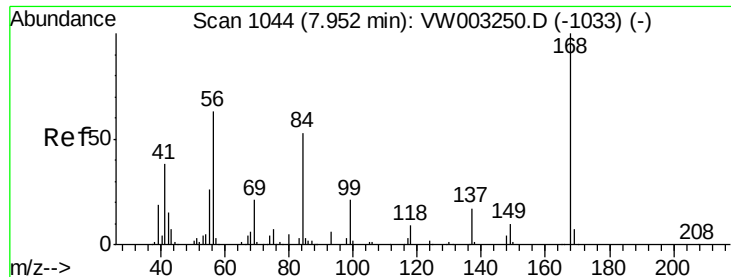
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003506.D

Acq: 24 Jun 2018 13:21

Instrument :

MSVOA_W

ClientSampleId :

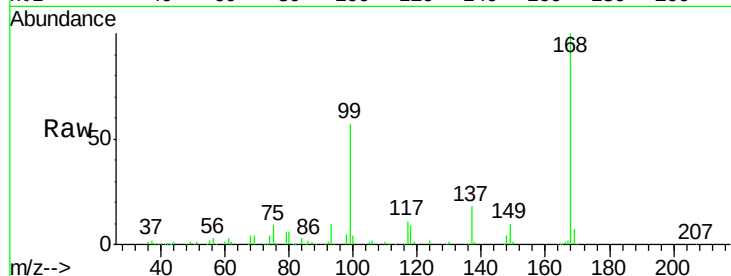
WP021SB484-37-39-180620

Tot Ion:168 Resp: 154109

Ion Ratio Lower Upper

168 100

99 57.2 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

60000

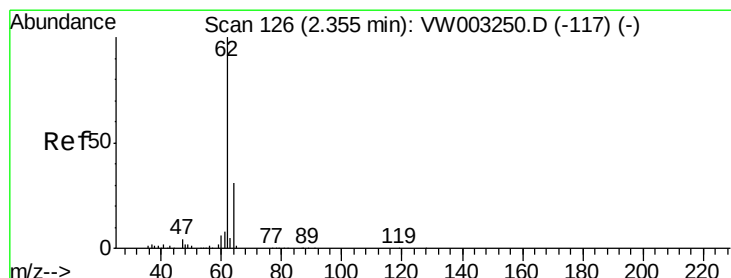
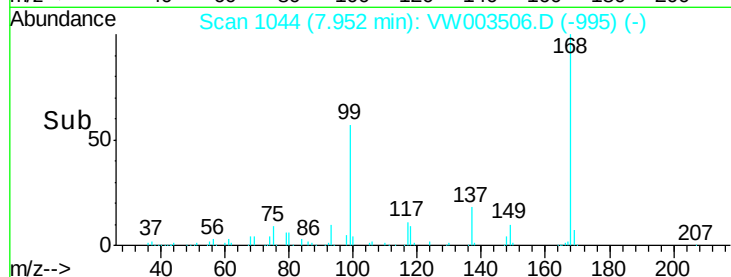
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#4

Vinyl Chloride

Concen: 5.39 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003506.D

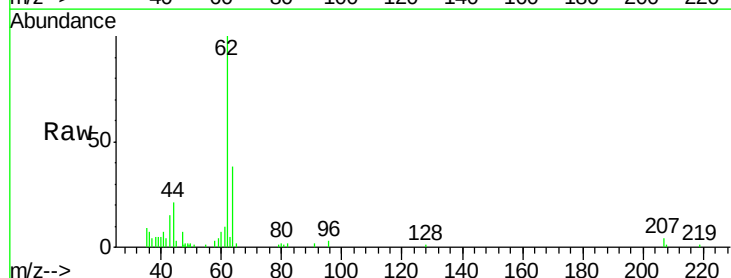
Acq: 24 Jun 2018 13:21

Tgt Ion: 62 Resp: 9258

Ion Ratio Lower Upper

62 100

64 37.8 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

6000

5000

4000

3000

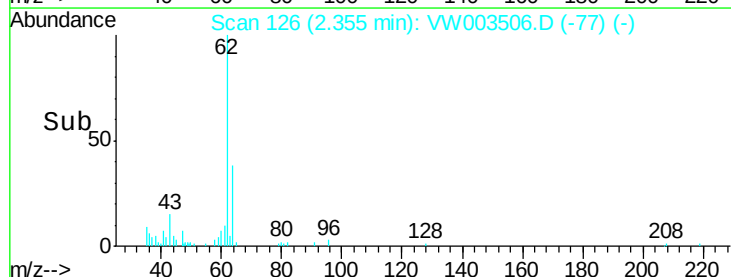
2000

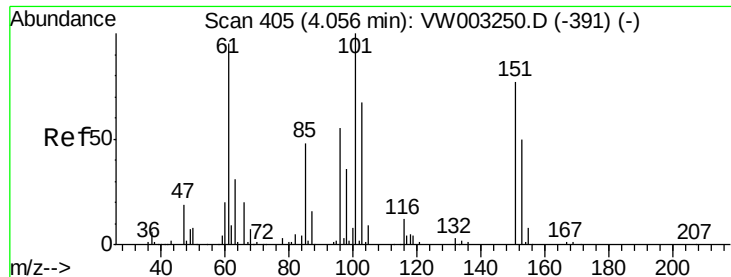
1000

0

2.30 2.35 2.40 2.45

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.77 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003506.D

Acq: 24 Jun 2018 13:21

Instrument :

MSVOA_W

ClientSampleId :

WP021SB484-37-39-180620

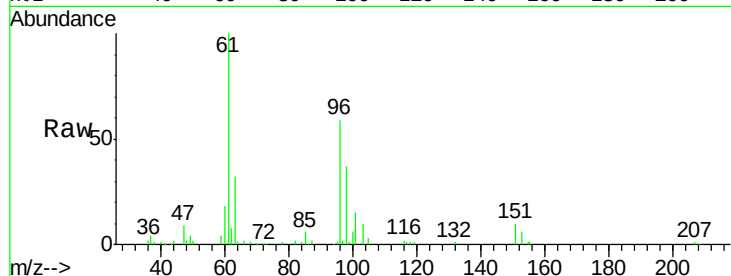
Tot Ion:101 Resp: 9668

Ion Ratio Lower Upper

101 100

85 46.4 37.0 55.6

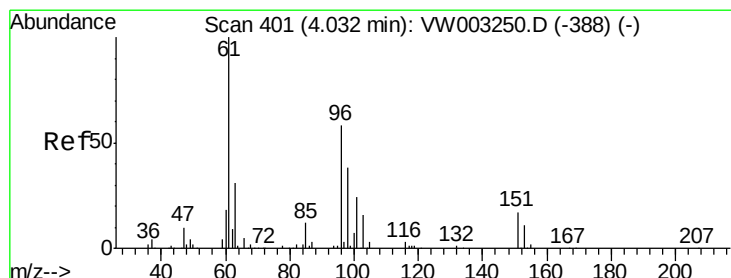
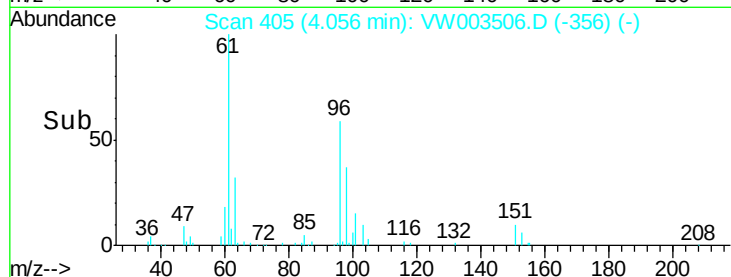
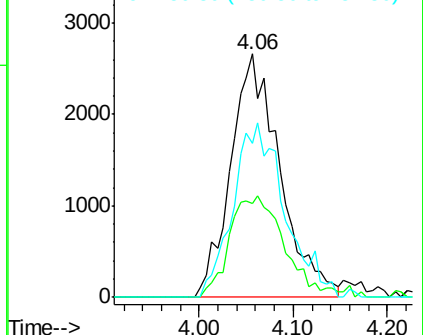
151 75.5 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 45.55 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.00 min

Lab File: VW003506.D

Acq: 24 Jun 2018 13:21

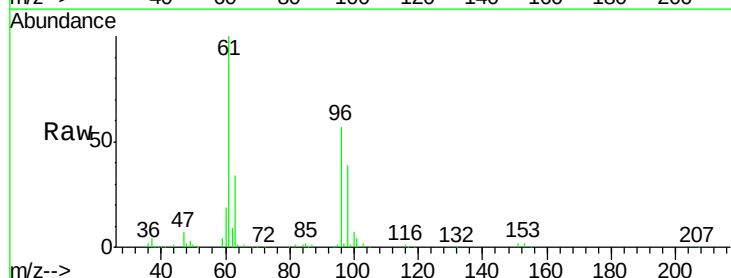
Tgt Ion: 96 Resp: 63548

Ion Ratio Lower Upper

96 100

61 174.4 139.0 208.4

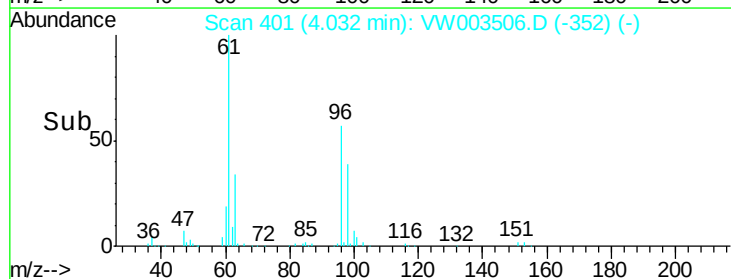
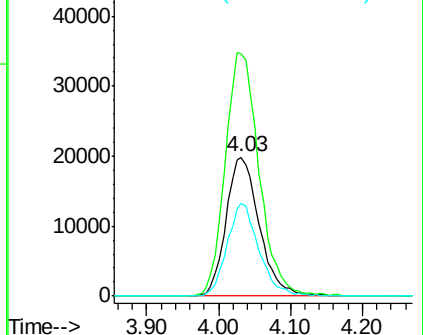
98 67.2 53.3 79.9

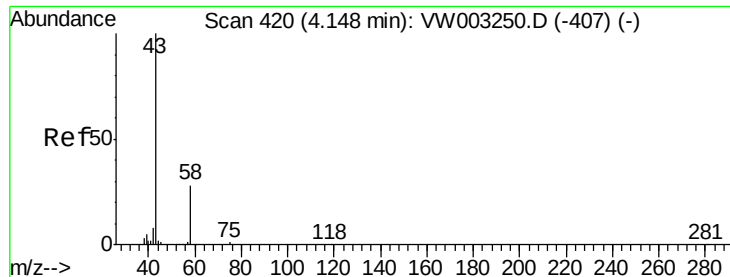


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#16

Acetone

Concen: 31.26 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003506.D

Acq: 24 Jun 2018 13:21

Instrument :

MSVOA_W

ClientSampleId :

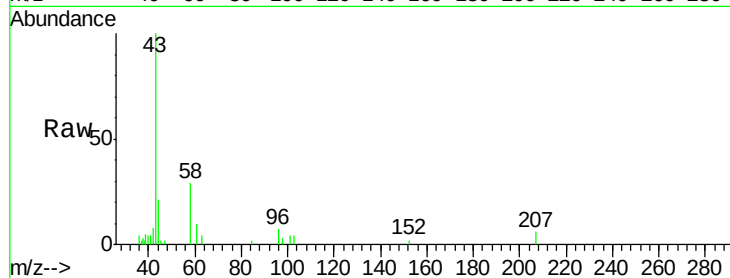
WP021SB484-37-39-180620

Tot Ion: 43 Resp: 10944

Ion Ratio Lower Upper

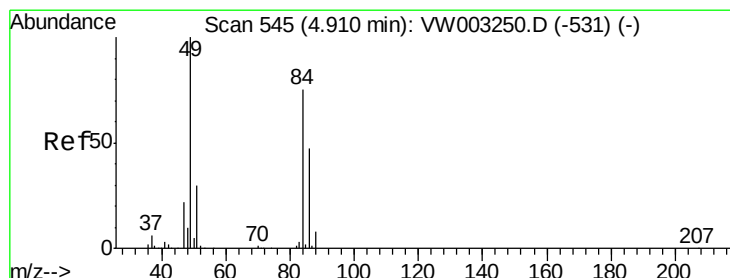
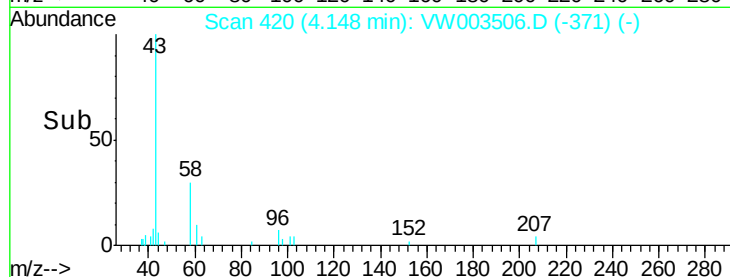
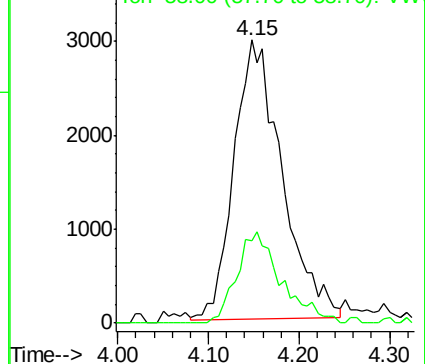
43 100

58 29.6 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: 1.93 ug/l

RT: 4.92 min Scan# 547

Delta R.T. 0.01 min

Lab File: VW003506.D

Acq: 24 Jun 2018 13:21

Tgt Ion: 84 Resp: 8113

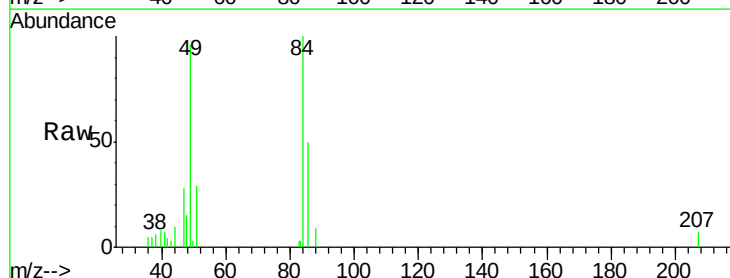
Ion Ratio Lower Upper

84 100

49 96.3 106.3 159.5#

51 29.4 32.0 48.0#

86 49.5 49.9 74.9#

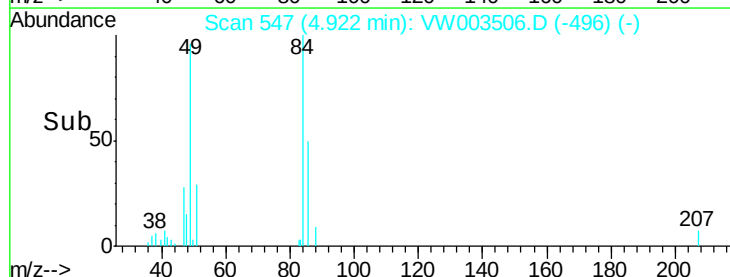
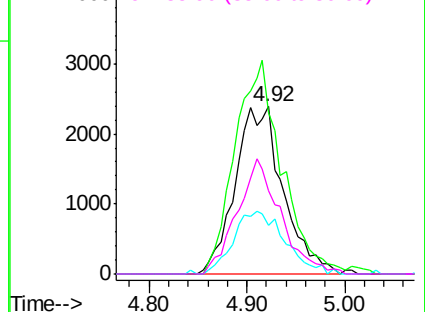


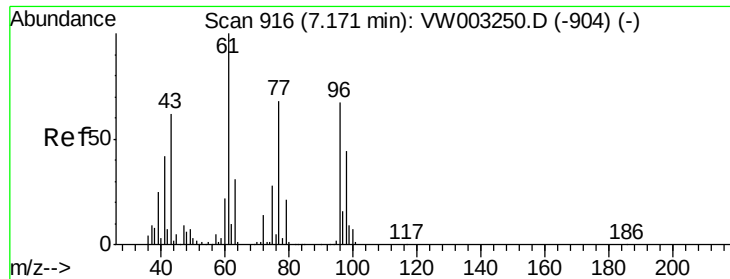
Abundance Ion 83.90 (83.60 to 84.60): VW

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



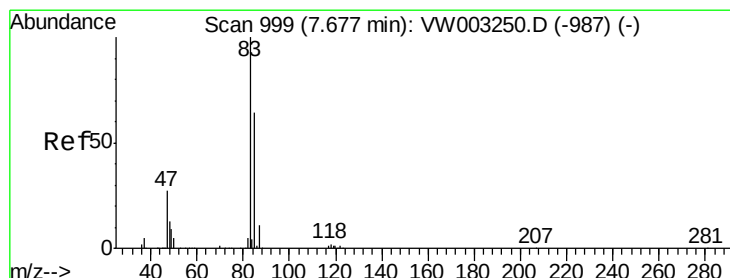
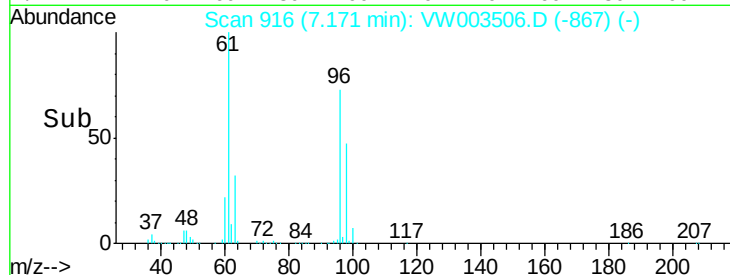
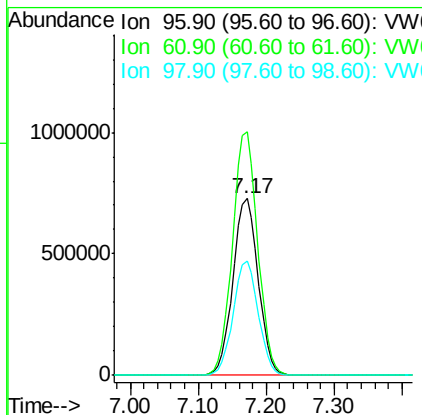
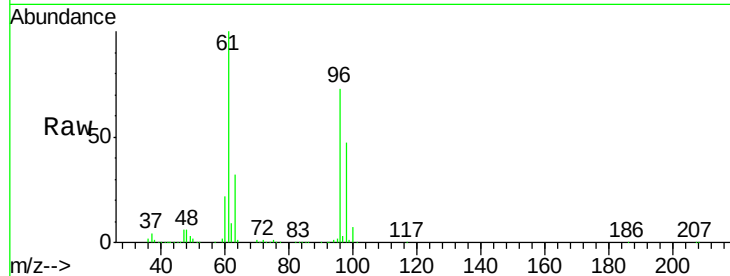


#27

cis-1,2-Dichloroethene
Concen: 1126.54 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003506.D
Acq: 24 Jun 2018 13:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB484-37-39-180620

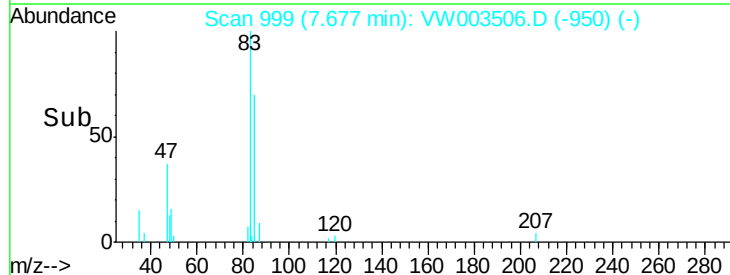
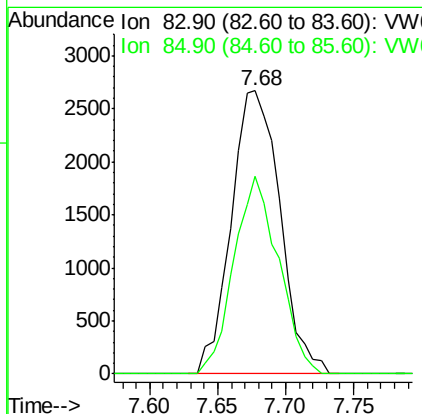
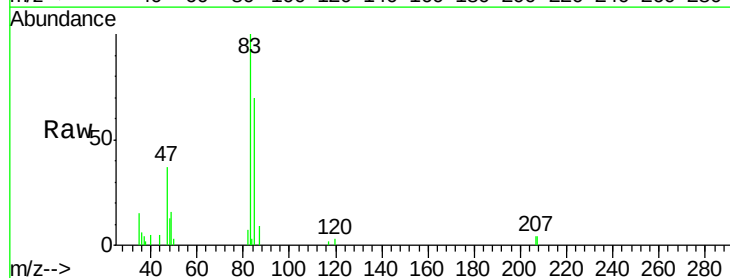
Tot Ion: 96 Resp: 1878932
Ion Ratio Lower Upper
96 100
61 137.1 0.0 298.8
98 64.1 0.0 130.4

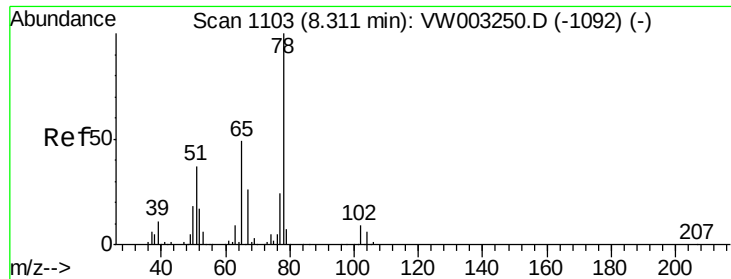


#30

Chloroform
Concen: 2.27 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003506.D
Acq: 24 Jun 2018 13:21

Tgt Ion: 83 Resp: 6688
Ion Ratio Lower Upper
83 100
85 69.8 51.3 76.9

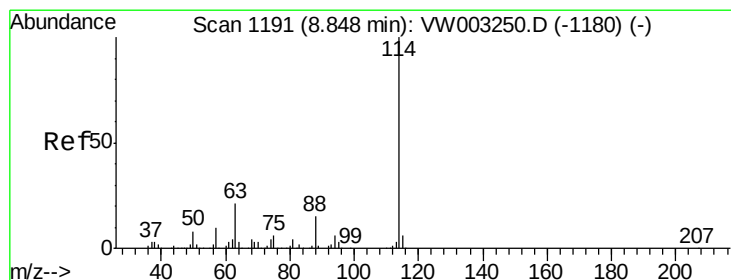
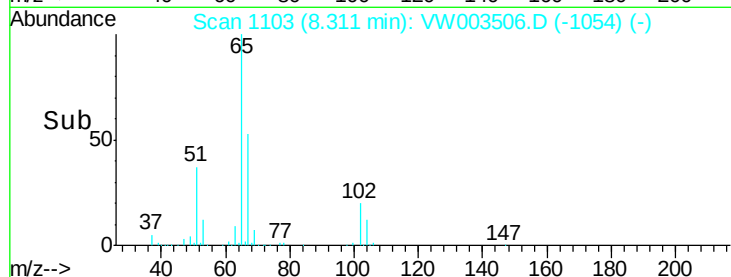
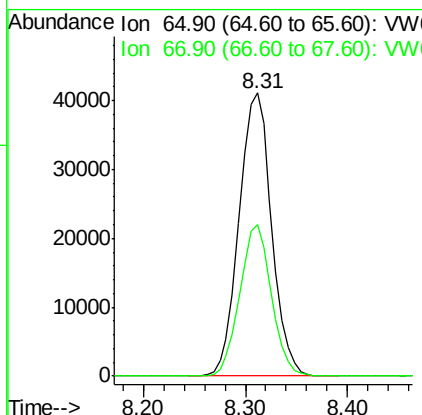
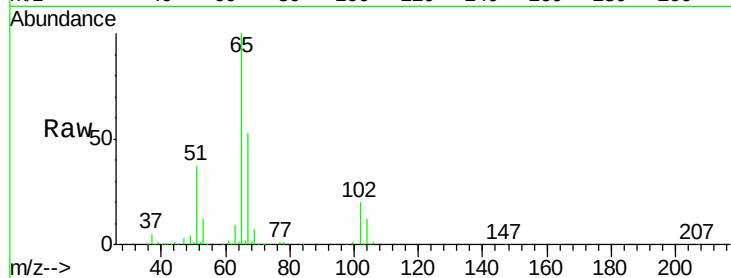




#33
 1,2-Dichloroethane-d4
 Concen: 54.40 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003506.D
 Acq: 24 Jun 2018 13:21

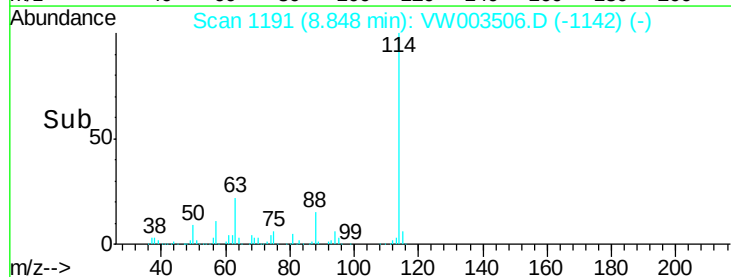
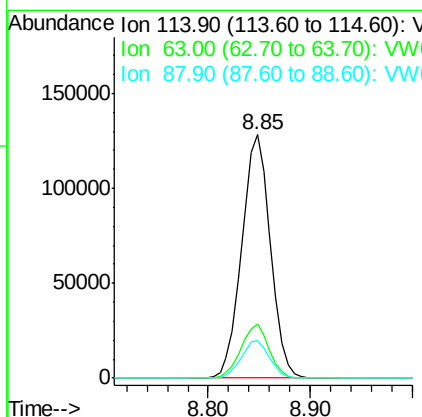
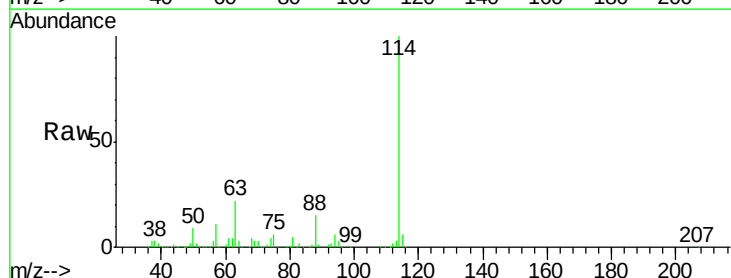
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB484-37-39-180620

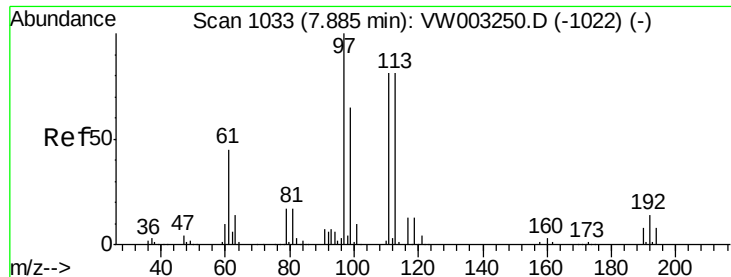
Tot Ion: 65 Resp: 90802
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003506.D
 Acq: 24 Jun 2018 13:21

Tgt Ion: 114 Resp: 249422
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.0
 88 15.4 0.0 29.6

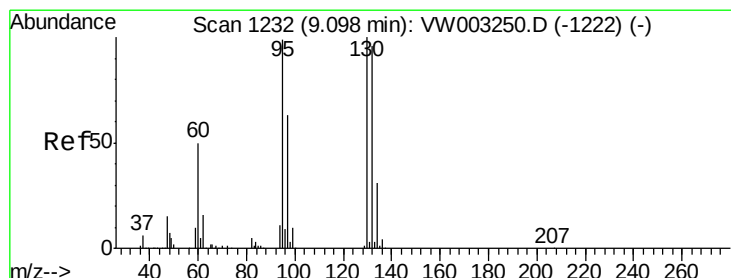
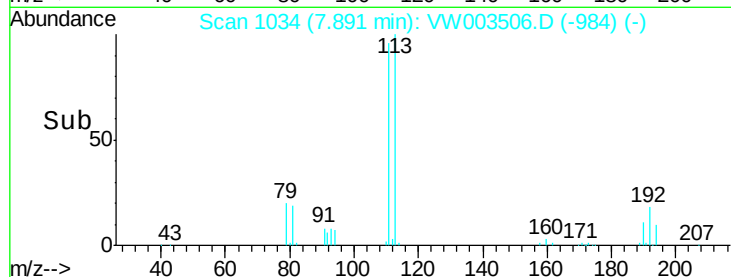
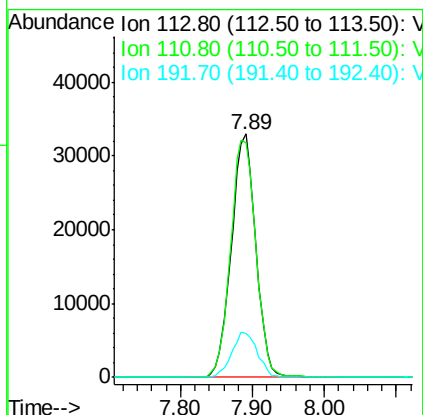
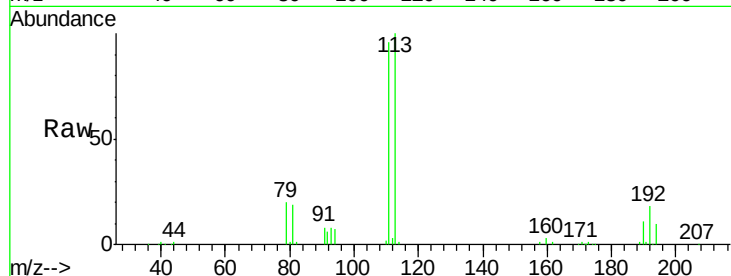




#35
Dibromofluoromethane
Concen: 50.17 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VW003506.D
Acq: 24 Jun 2018 13:21

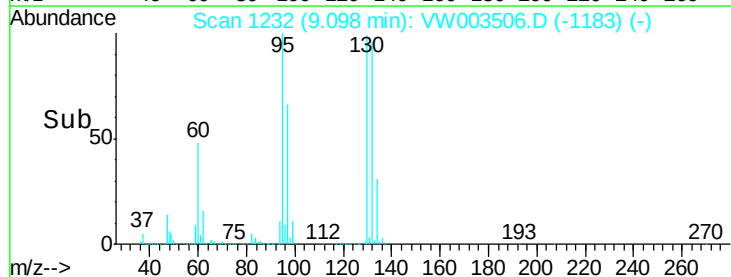
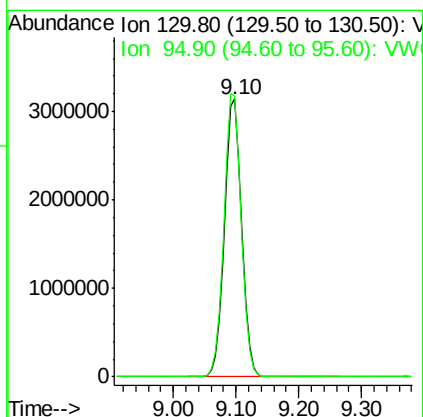
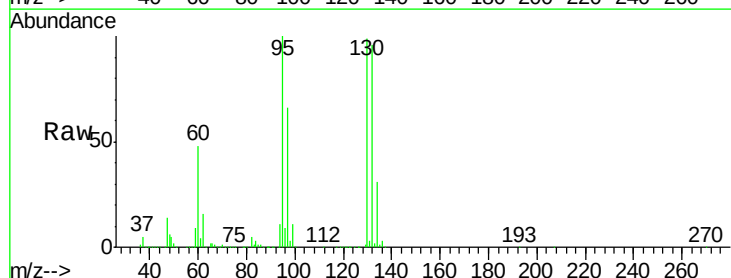
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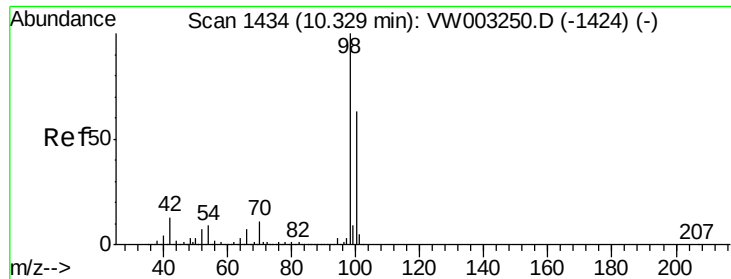
Tot Ion:113 Resp: 77758
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.2
192 19.4 16.2 24.2



#44
Trichloroethene
Concen: 3366.47 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VW003506.D
Acq: 24 Jun 2018 13:21

Tgt Ion:130 Resp: 5922802
Ion Ratio Lower Upper
130 100
95 100.9 0.0 198.0

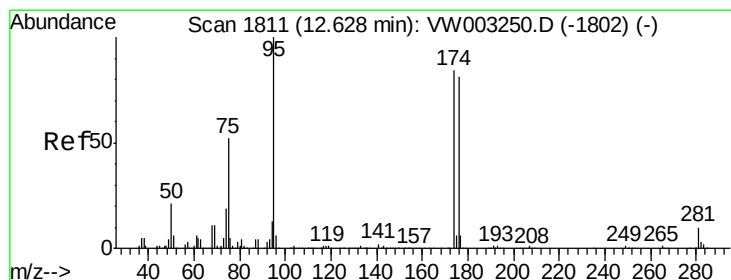
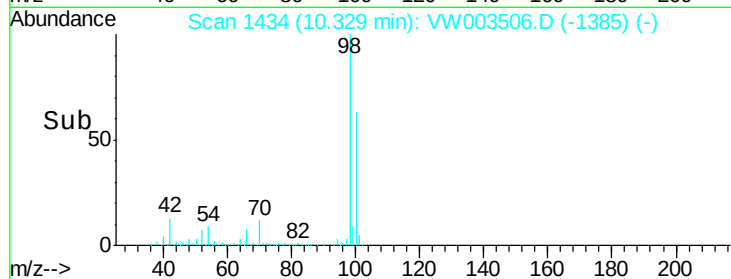
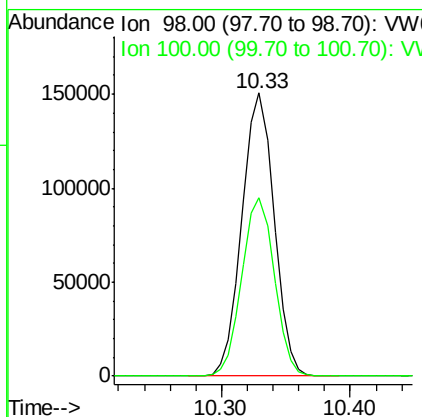
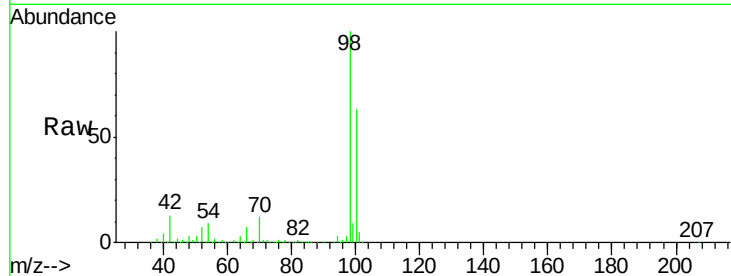




#50
Toluene-d8
Concen: 42.46 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003506.D
Acq: 24 Jun 2018 13:21

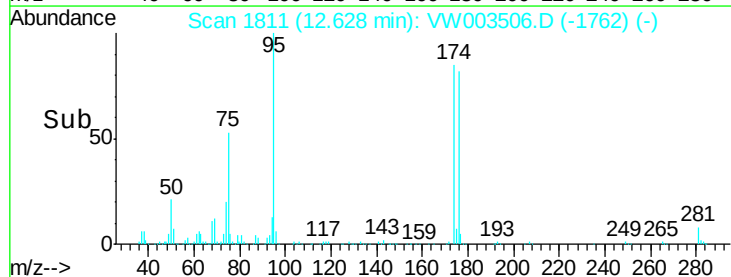
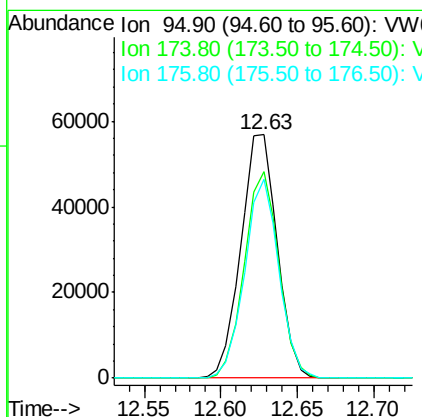
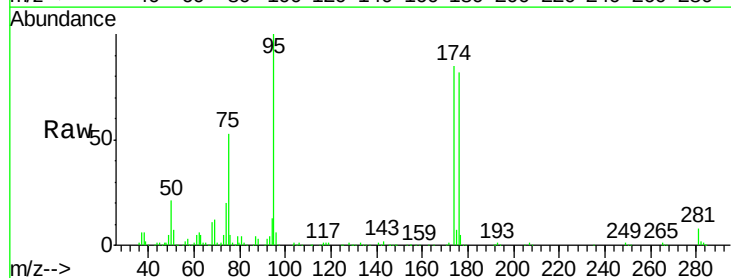
Instrument :
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WP021SB484-37-39-180620

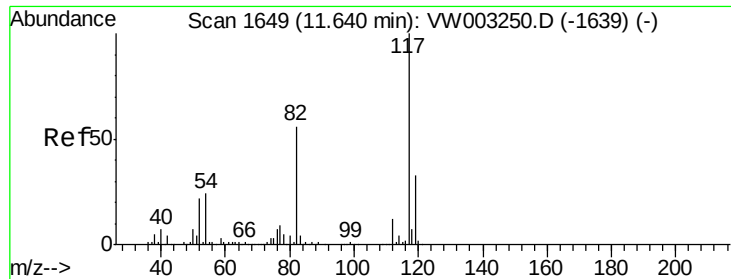
Tot Ion: 98 Resp: 260933
Ion Ratio Lower Upper
98 100
100 63.4 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 43.11 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003506.D
Acq: 24 Jun 2018 13:21

Tgt Ion: 95 Resp: 93765
Ion Ratio Lower Upper
95 100
174 80.7 0.0 166.4
176 76.9 0.0 162.0

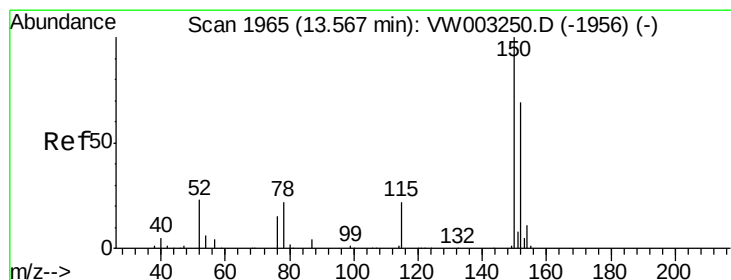
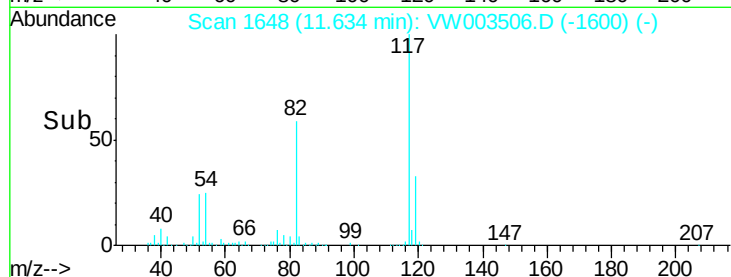
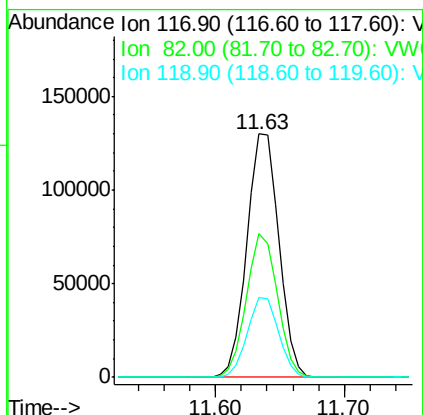
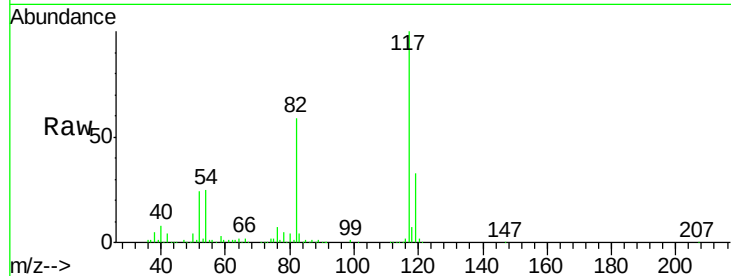




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003506.D
Acq: 24 Jun 2018 13:21

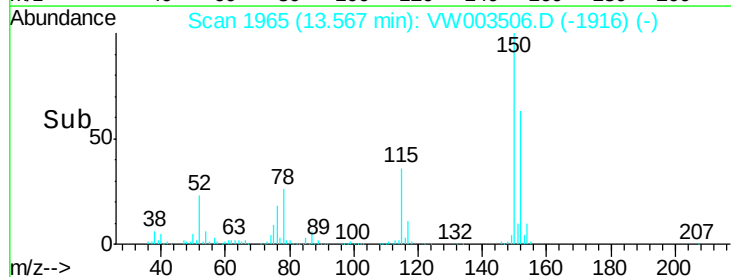
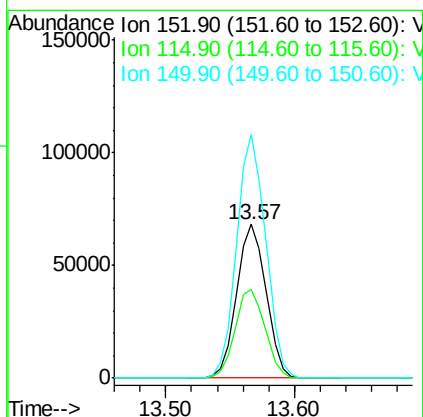
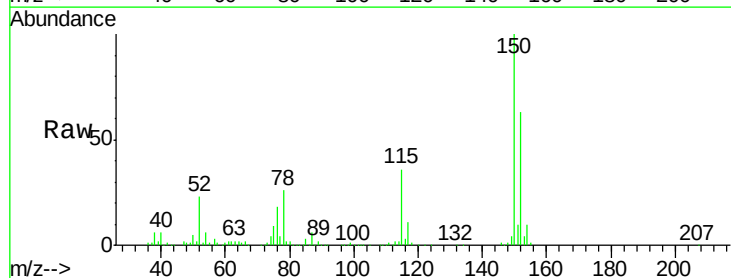
Instrument :
MSVOA_W
ClientSampleId :
WP021SB484-37-39-180620

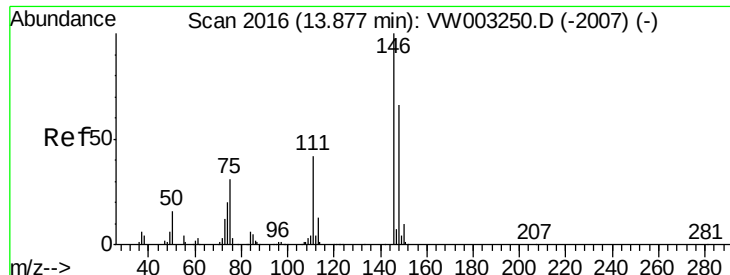
Tot Ion:117 Resp: 222155
Ion Ratio Lower Upper
117 100
82 59.0 44.6 67.0
119 32.8 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003506.D
Acq: 24 Jun 2018 13:21

Tgt Ion:152 Resp: 107911
Ion Ratio Lower Upper
152 100
115 58.6 29.3 88.0
150 156.8 0.0 349.6





#91

1,2-Dichlorobenzene

Concen: 7.66 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003506.D

Acq: 24 Jun 2018 13:21

Instrument :

MSVOA_W

ClientSampleId :

WP021SB484-37-39-180620

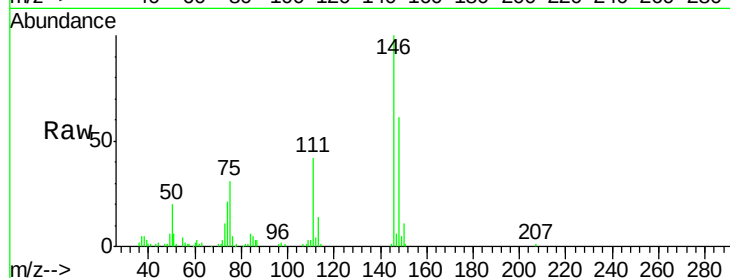
Tot Ion:146 Resp: 24084

Ion Ratio Lower Upper

146 100

111 40.5 20.3 61.0

148 62.7 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

