

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003519.D
 Acq On : 24 Jun 2018 18:57
 Operator : SY/AP
 Sample : J3669-21
 Misc : 6.76G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB475-31-33-180620

Quant Time: Jun 25 01:10:38 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	159581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	263707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	242044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	116840	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	102378	59.23	ug/l	0.00
Spiked Amount						
			Recovery	=	118.46%	
35) Dibromofluoromethane	7.88	113	85942	52.45	ug/l	0.00
Spiked Amount						
			Recovery	=	104.90%	
50) Toluene-d8	10.33	98	290878	44.77	ug/l	0.00
Spiked Amount						
			Recovery	=	89.54%	
62) 4-Bromofluorobenzene	12.63	95	105829	46.03	ug/l	0.00
Spiked Amount						
			Recovery	=	92.06%	

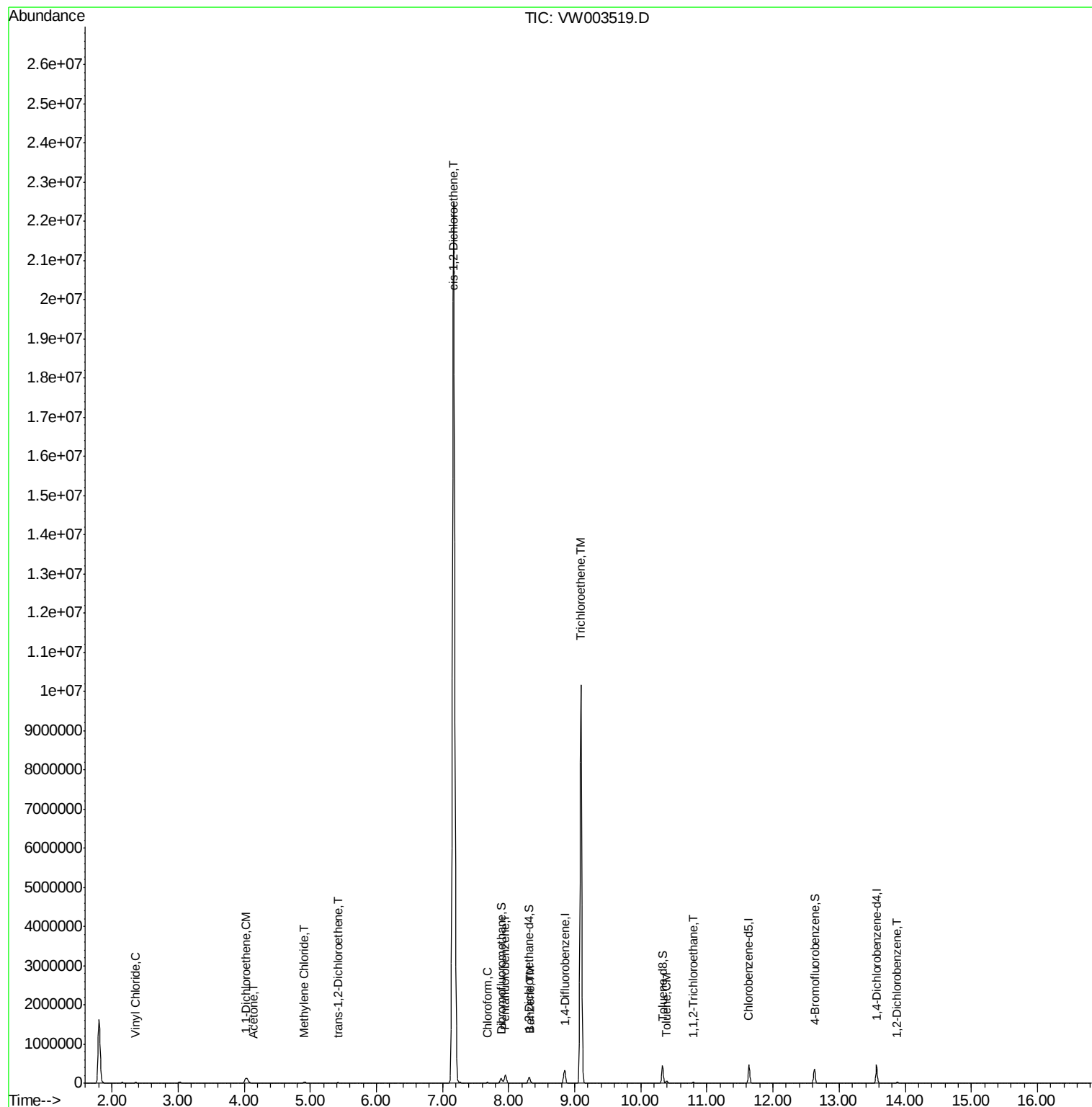
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.36	62	11661	6.56	ug/l	100
12) 1,1-Dichloroethene	4.03	96	83350	57.70	ug/l	97
16) Acetone	4.15	43	5233	14.44	ug/l	97
20) Methylene Chloride	4.92	84	17747	8.48	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	8164	5.19	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	12505772	7240.91	ug/l	92
30) Chloroform	7.68	83	13880	4.56	ug/l	95
40) Benzene	8.32	78	32665	4.65	ug/l	96
44) Trichloroethene	9.09	130	3346165	1798.90	ug/l	95
52) Toluene	10.39	92	20009	4.44	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	6697	5.19	ug/l #	87
91) 1,2-Dichlorobenzene	13.88	146	5829	1.71	ug/l	95

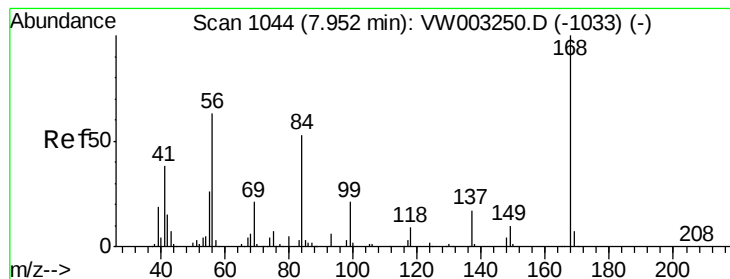
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062418\
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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: VW003519.D

Acq: 24 Jun 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

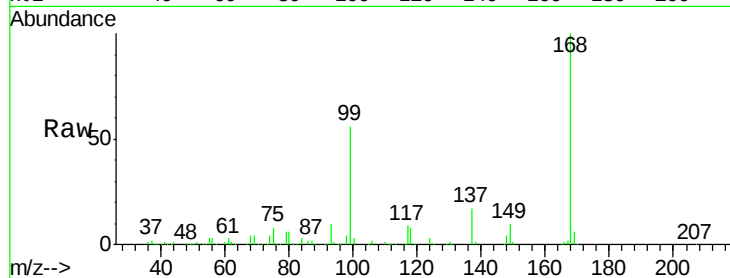
WP021SB475-31-33-180620

Tot Ion:168 Resp: 159581

Ion Ratio Lower Upper

168 100

99 56.5 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

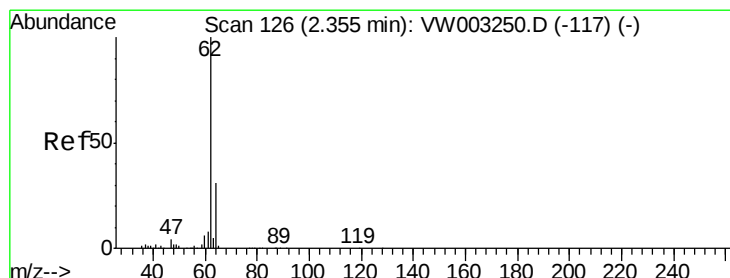
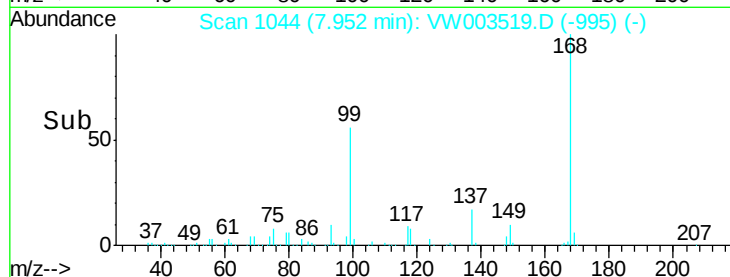
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#4

Vinyl Chloride

Concen: 6.56 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003519.D

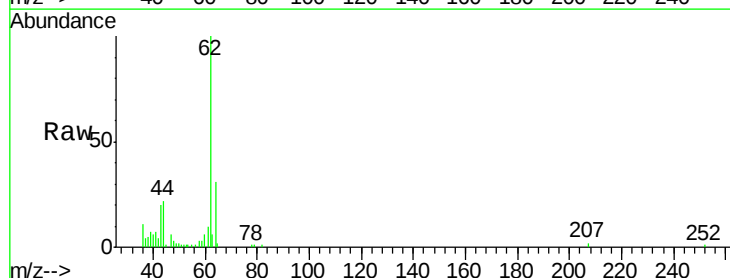
Acq: 24 Jun 2018 18:57

Tgt Ion: 62 Resp: 11661

Ion Ratio Lower Upper

62 100

64 31.3 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

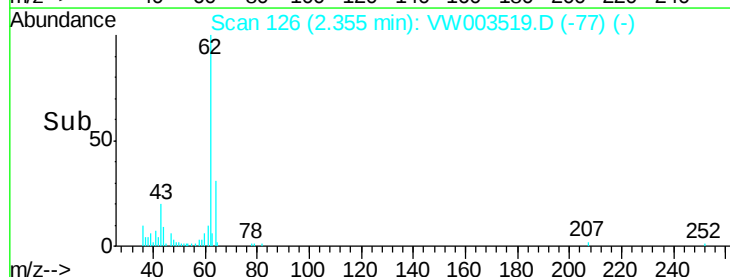
6000

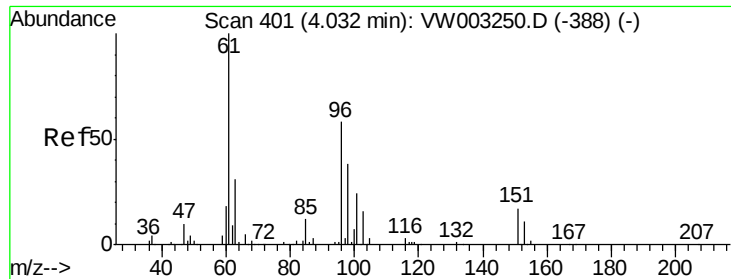
4000

2000

0

Time--> 2.30 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 57.70 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.00 min

Lab File: VW003519.D

Acq: 24 Jun 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

WP021SB475-31-33-180620

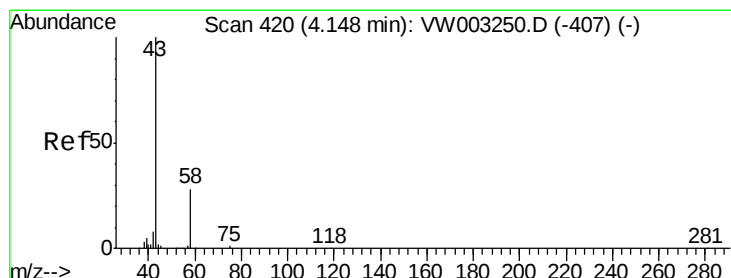
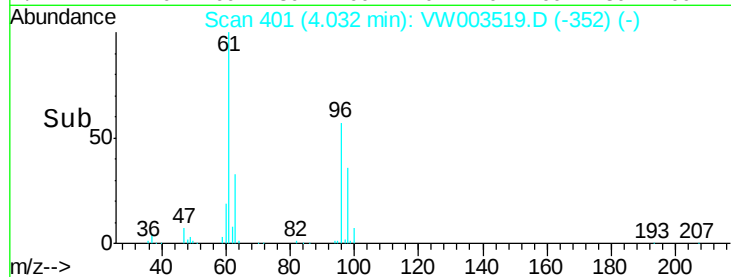
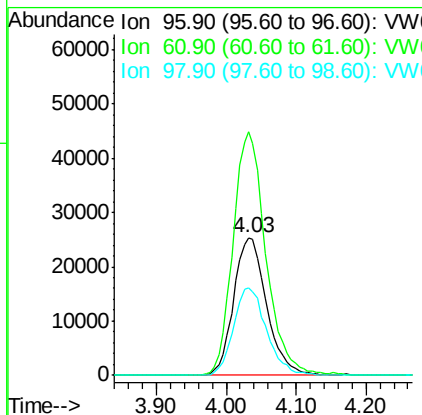
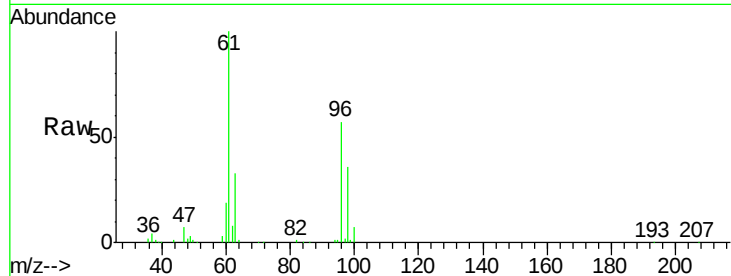
Tot Ion: 96 Resp: 83350

Ion Ratio Lower Upper

96 100

61 176.8 139.0 208.4

98 63.8 53.3 79.9



#16

Acetone

Concen: 14.44 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003519.D

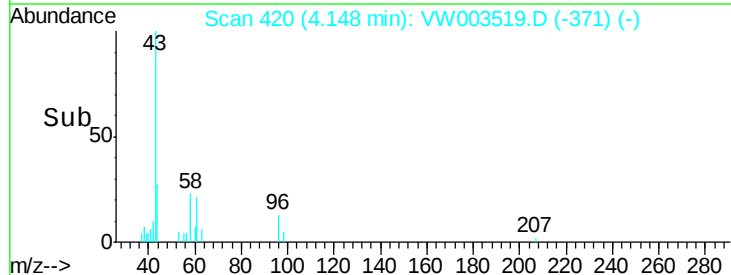
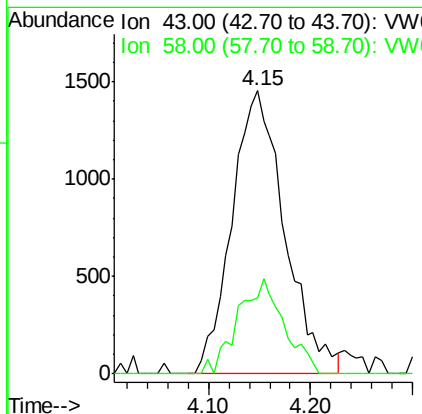
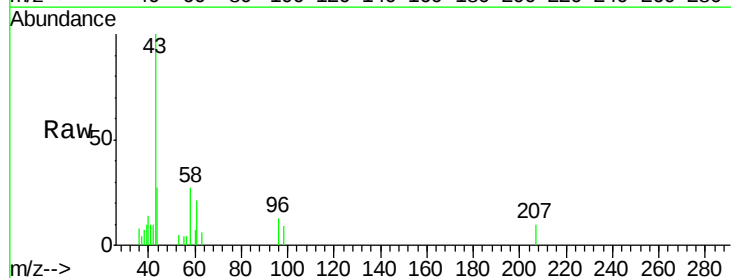
Acq: 24 Jun 2018 18:57

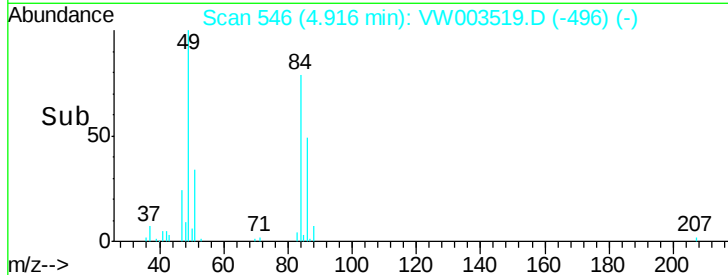
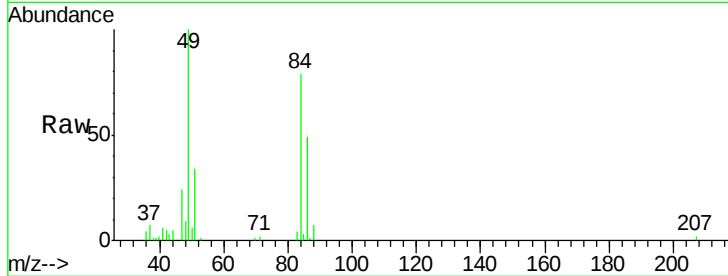
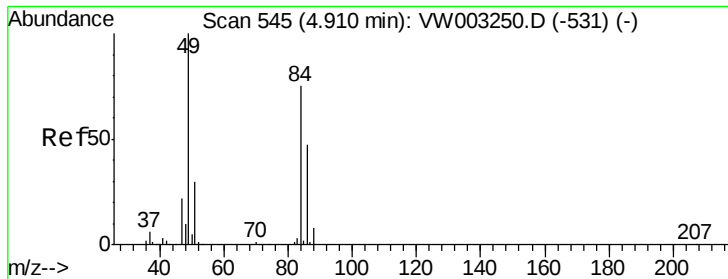
Tgt Ion: 43 Resp: 5233

Ion Ratio Lower Upper

43 100

58 26.6 22.6 34.0

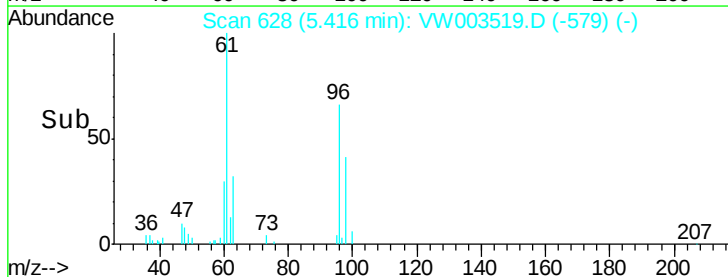
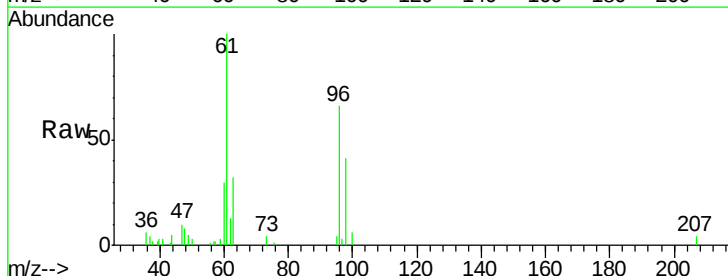
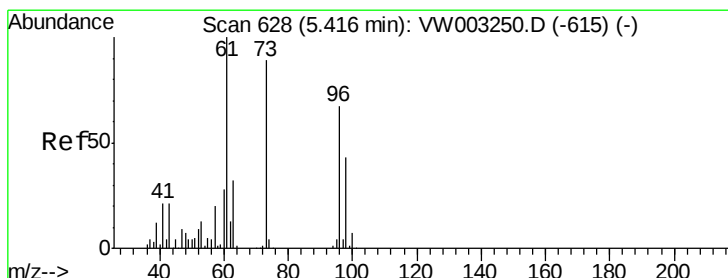
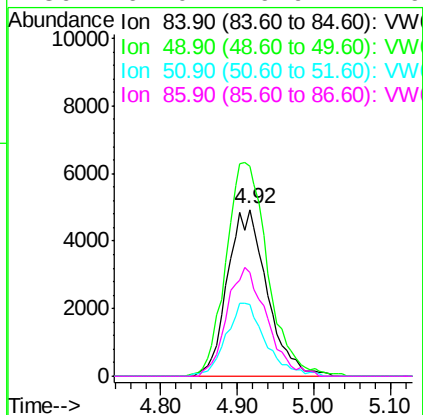




#20
Methvlene Chloride
Concen: 8.48 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003519.D
Acq: 24 Jun 2018 18:57

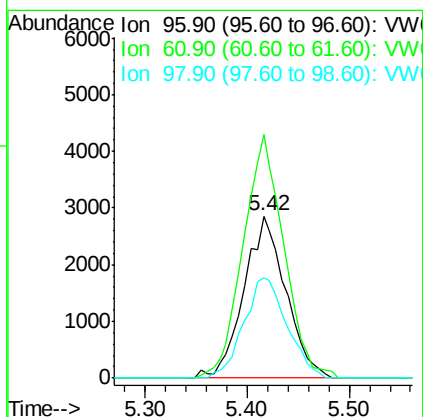
Instrument :
MSVOA_W
ClientSampleId :
WP021SB475-31-33-180620

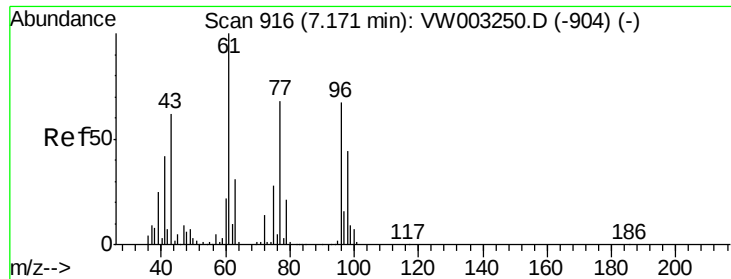
Tot Ion: 84 Resp: 17747
Ion Ratio Lower Upper
84 100
49 124.9 106.3 159.5
51 43.2 32.0 48.0
86 62.0 49.9 74.9



#21
trans-1,2-Dichloroethene
Concen: 5.19 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.00 min
Lab File: VW003519.D
Acq: 24 Jun 2018 18:57

Tgt Ion: 96 Resp: 8164
Ion Ratio Lower Upper
96 100
61 150.5 118.7 178.1
98 61.7 51.0 76.6



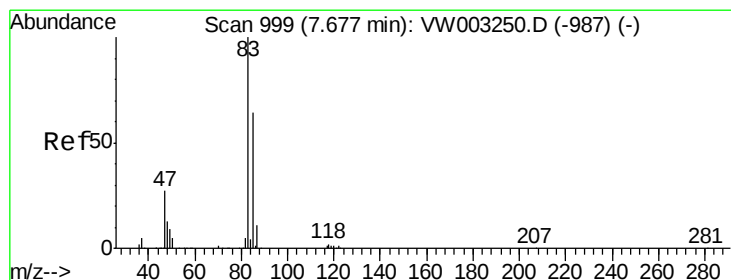
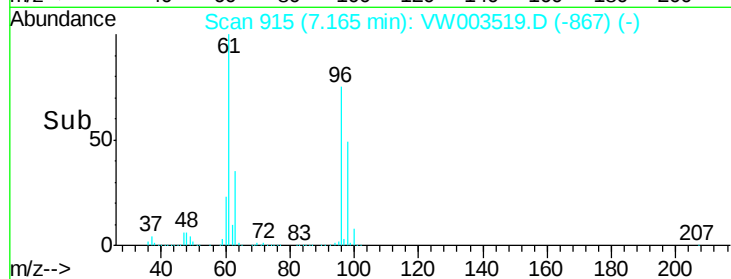
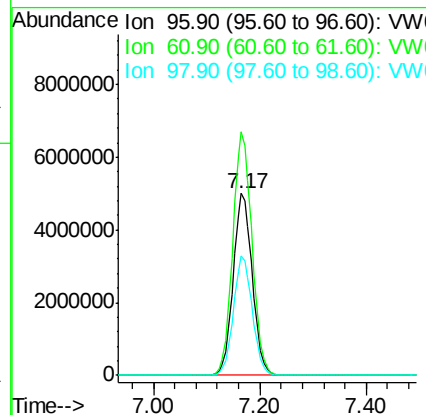
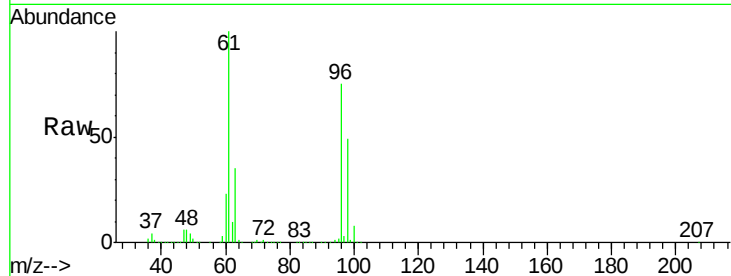


#27

cis-1,2-Dichloroethene
 Concen: 7240.91 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW003519.D
 Acq: 24 Jun 2018 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB475-31-33-180620

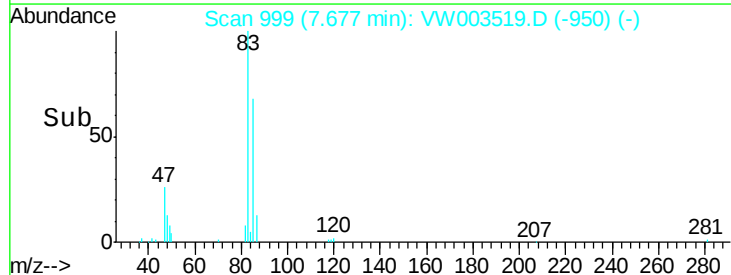
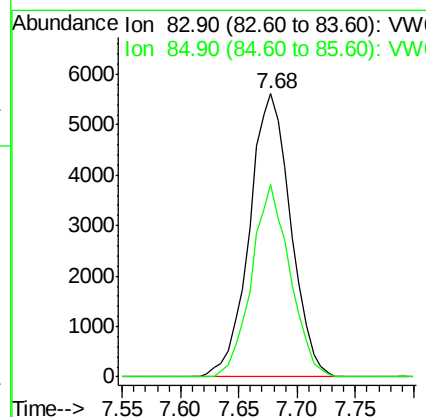
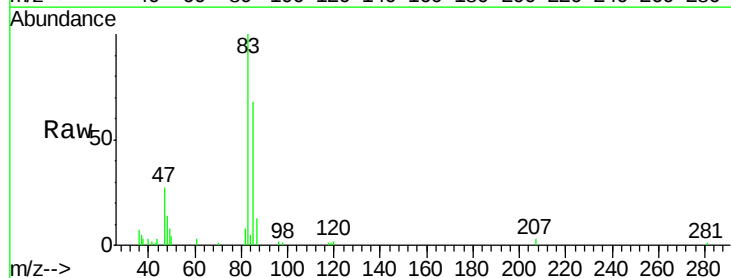
Tot Ion: 96 Resp:12505772
 Ion Ratio Lower Upper
 96 100
 61 134.9 0.0 298.8
 98 65.0 0.0 130.4

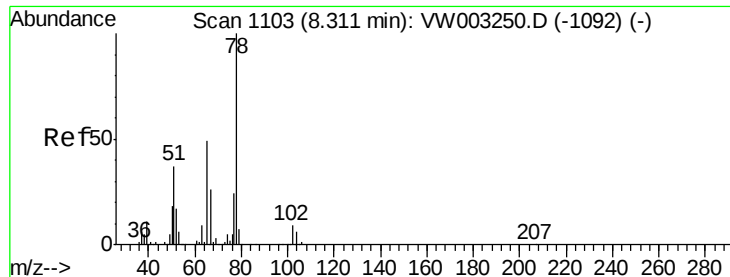


#30

Chloroform
 Concen: 4.56 ug/l
 RT: 7.68 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: VW003519.D
 Acq: 24 Jun 2018 18:57

Tgt Ion: 83 Resp: 13880
 Ion Ratio Lower Upper
 83 100
 85 67.9 51.3 76.9

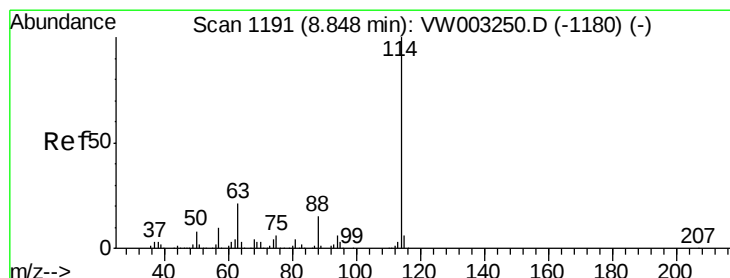
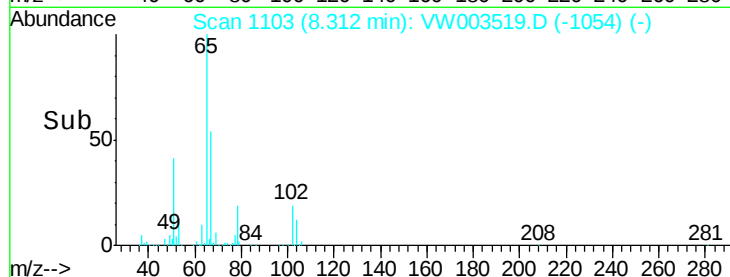
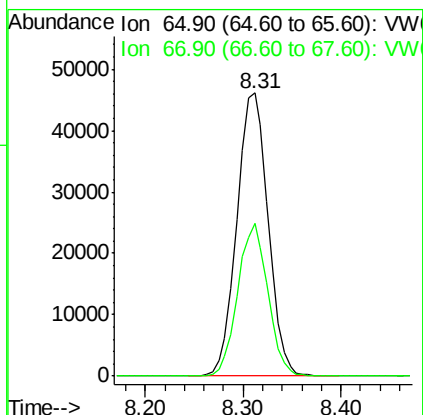
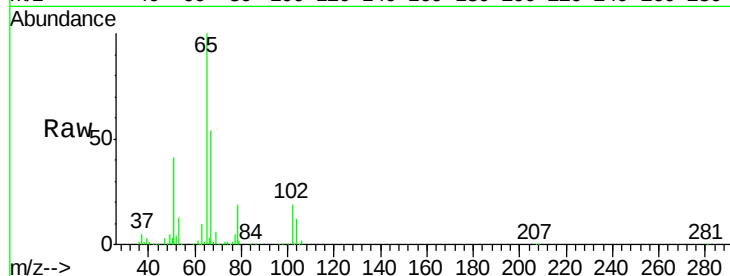




#33
 1,2-Dichloroethane-d4
 Concen: 59.23 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003519.D
 Acq: 24 Jun 2018 18:57

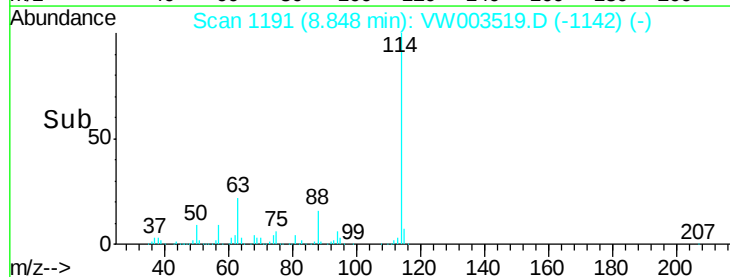
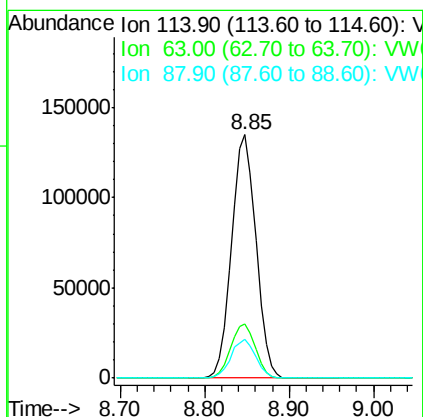
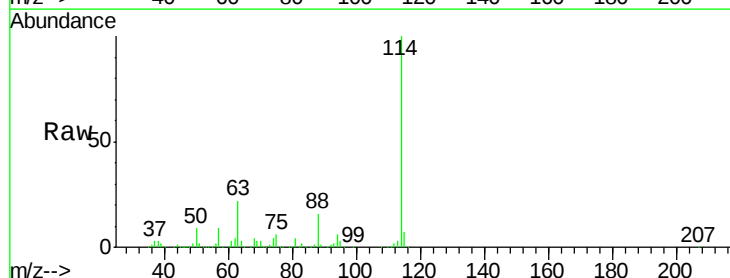
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB475-31-33-180620

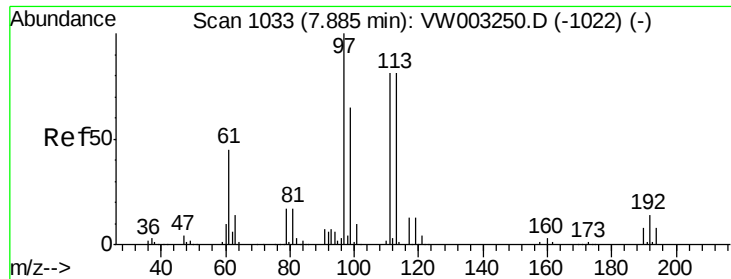
Tot Ion: 65 Resp: 102378
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003519.D
 Acq: 24 Jun 2018 18:57

Tgt Ion: 114 Resp: 263707
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.0
 88 15.7 0.0 29.6

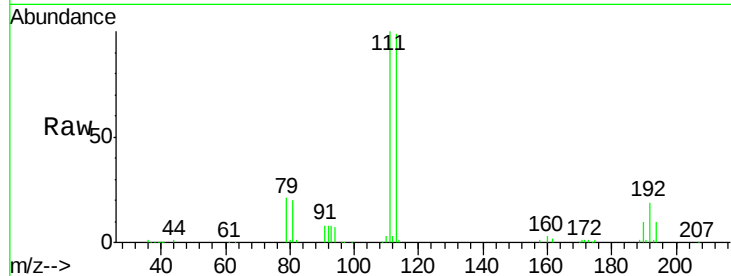




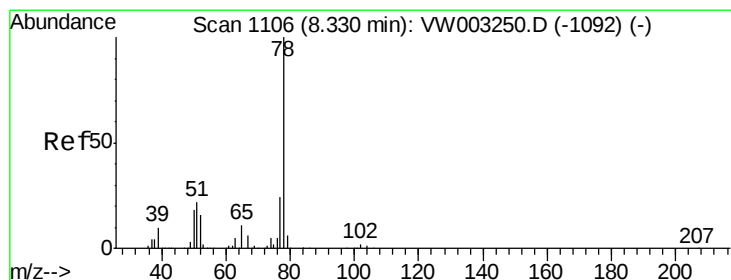
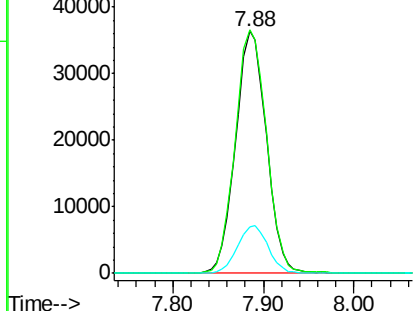
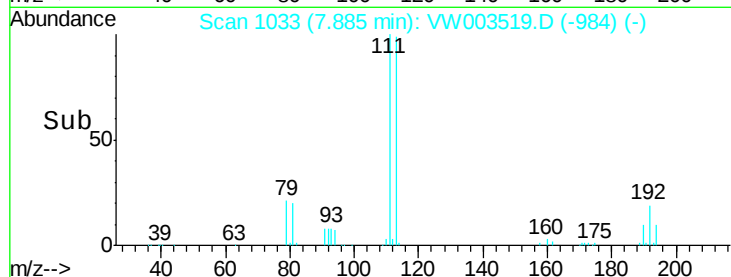
#35
Dibromofluoromethane
Concen: 52.45 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003519.D
Acq: 24 Jun 2018 18:57

Instrument :
MSVOA_W
ClientSampleId :
WP021SB475-31-33-180620

Tot Ion:113 Resp: 85942
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 19.5 16.2 24.2

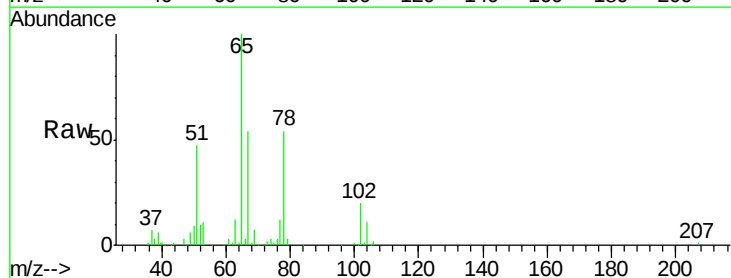


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

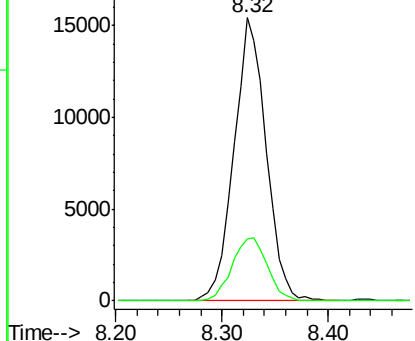
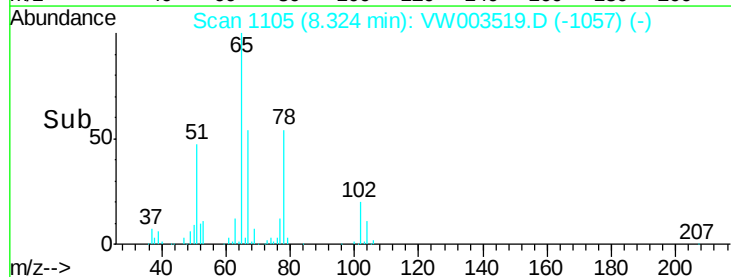


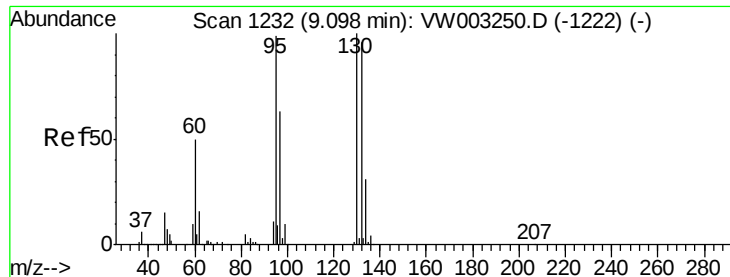
#40
Benzene
Concen: 4.65 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003519.D
Acq: 24 Jun 2018 18:57

Tgt Ion: 78 Resp: 32665
Ion Ratio Lower Upper
78 100
77 21.7 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: 1798.90 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003519.D

Acq: 24 Jun 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

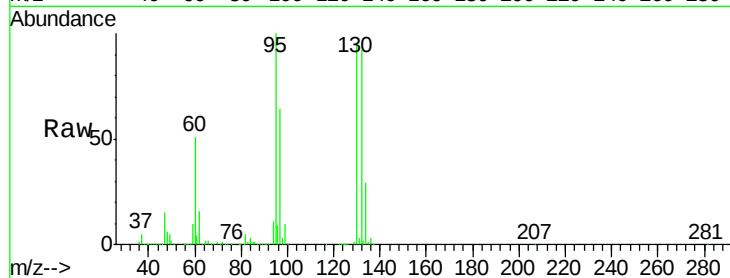
WP021SB475-31-33-180620

Tot Ion:130 Resp: 3346165

Ion Ratio Lower Upper

130 100

95 104.0 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): VW

Ion 94.90 (94.60 to 95.60): VW

9.09

2000000

1500000

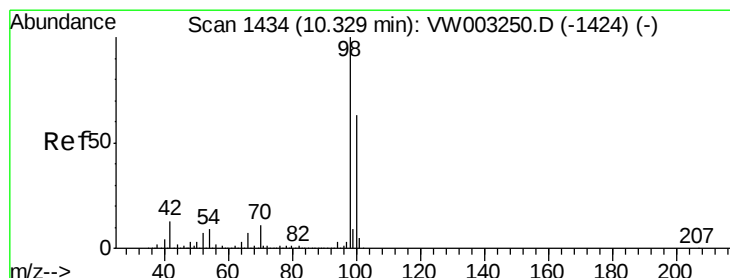
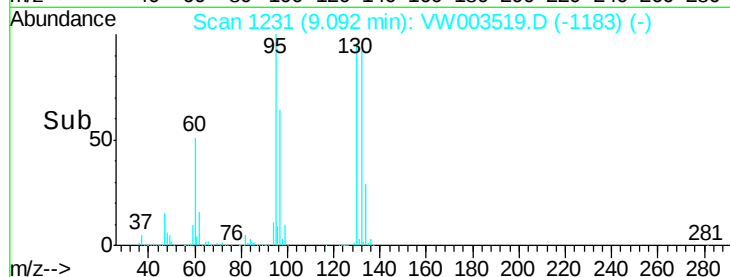
1000000

500000

0

Time-->

9.00 9.10 9.20 9.30



#50

Toluene-d8

Concen: 44.77 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003519.D

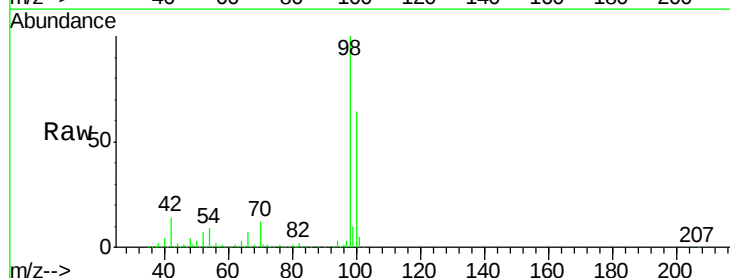
Acq: 24 Jun 2018 18:57

Tgt Ion: 98 Resp: 290878

Ion Ratio Lower Upper

98 100

100 62.3 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

150000

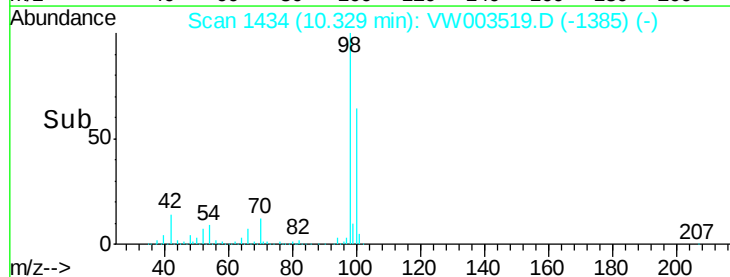
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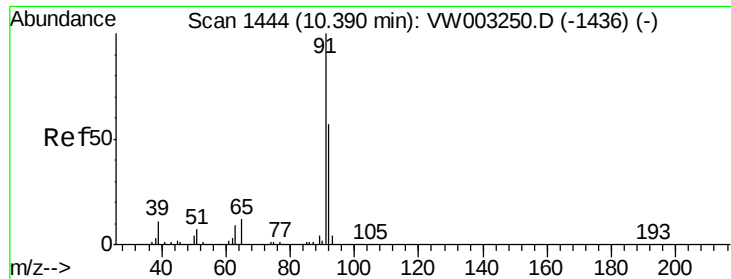
50000

0

Time-->

10.30 10.40





#52

Toluene

Concen: 4.44 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003519.D

Acq: 24 Jun 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

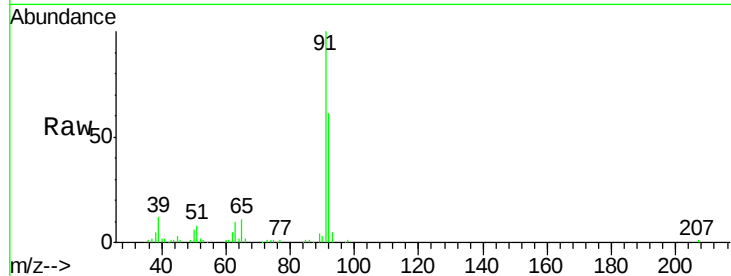
WP021SB475-31-33-180620

Tot Ion: 92 Resp: 20009

Ion Ratio Lower Upper

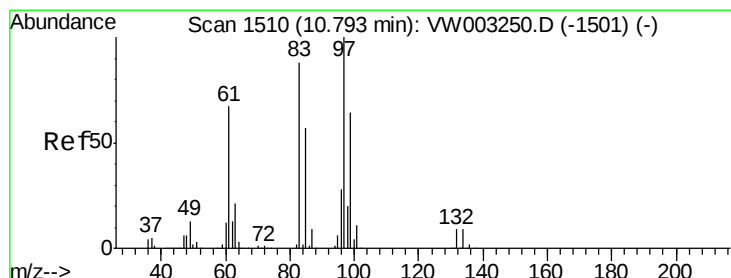
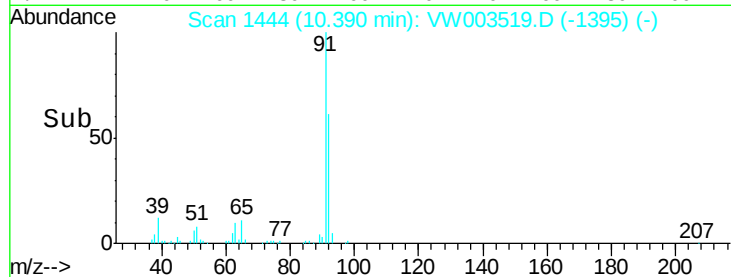
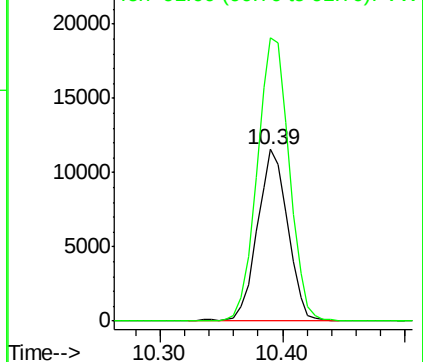
92 100

91 173.7 141.1 211.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#55

1,1,2-Trichloroethane

Concen: 5.19 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003519.D

Acq: 24 Jun 2018 18:57

Tgt Ion: 97 Resp: 6697

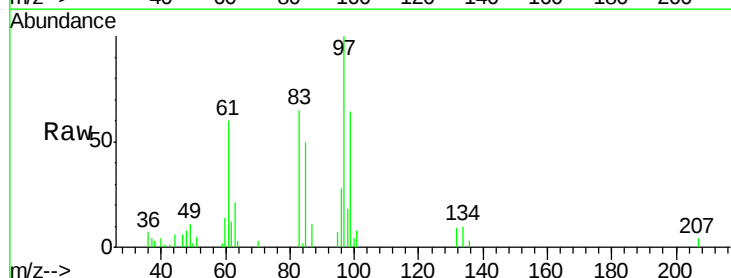
Ion Ratio Lower Upper

97 100

83 64.8 70.2 105.2#

85 49.8 45.6 68.4

99 63.6 51.2 76.8

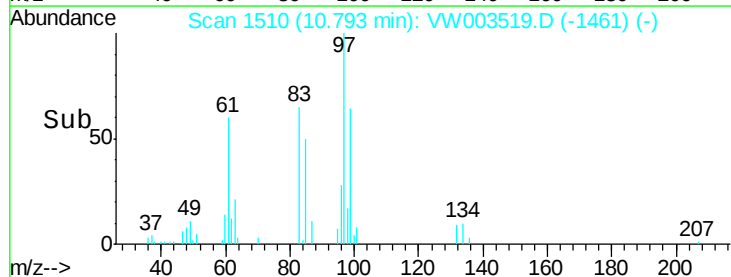
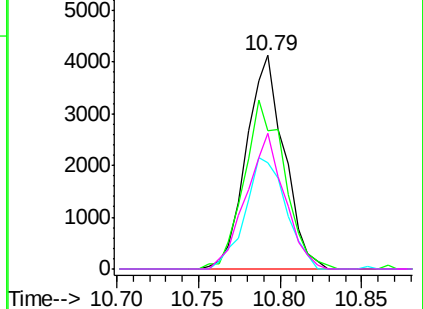


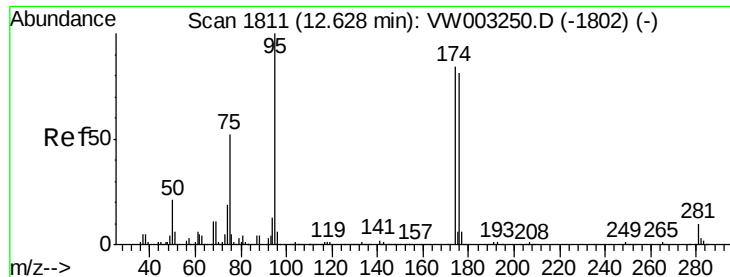
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW





#62

4-Bromofluorobenzene

Concen: 46.03 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003519.D

Acq: 24 Jun 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

WP021SB475-31-33-180620

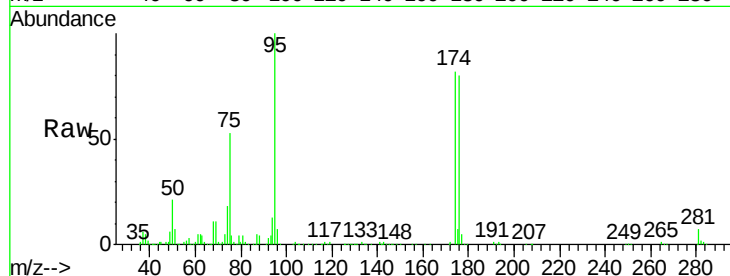
Tot Ion: 95 Resp: 105829

Ion Ratio Lower Upper

95 100

174 81.8 0.0 166.4

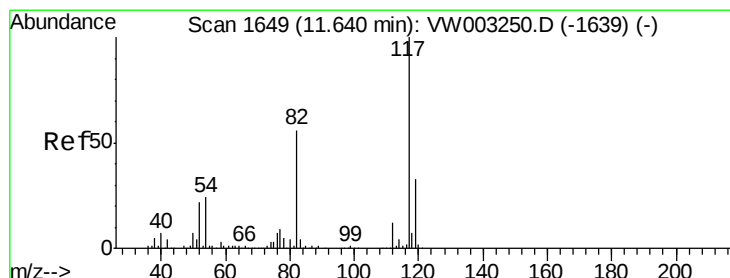
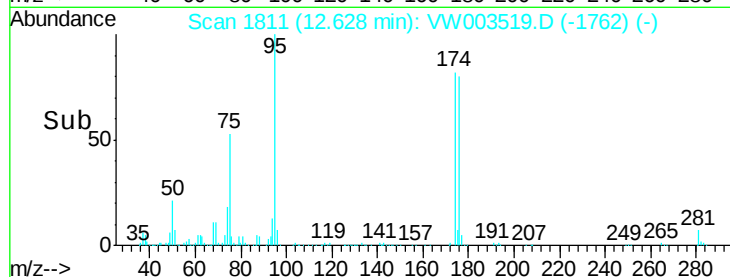
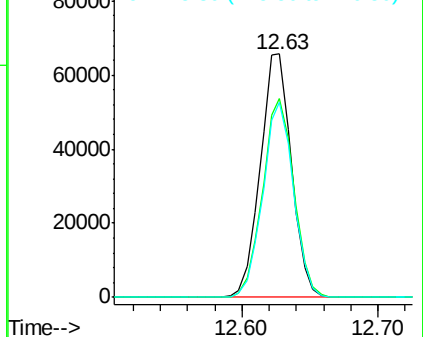
176 78.7 0.0 162.0



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: VW003519.D

Acq: 24 Jun 2018 18:57

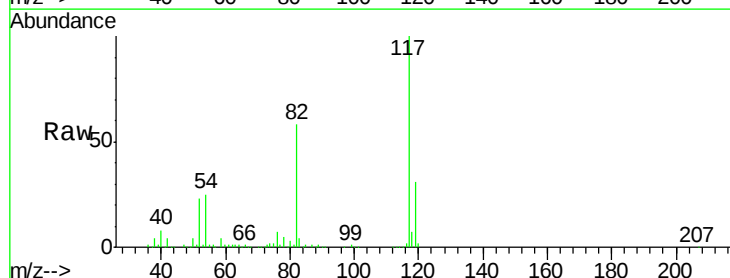
Tgt Ion: 117 Resp: 242044

Ion Ratio Lower Upper

117 100

82 57.8 44.6 67.0

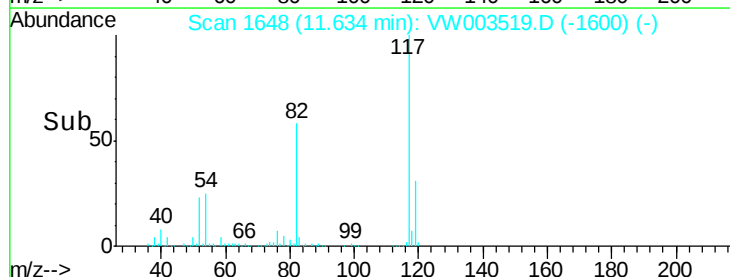
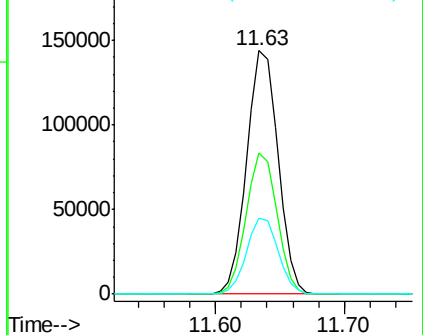
119 31.2 26.7 40.1

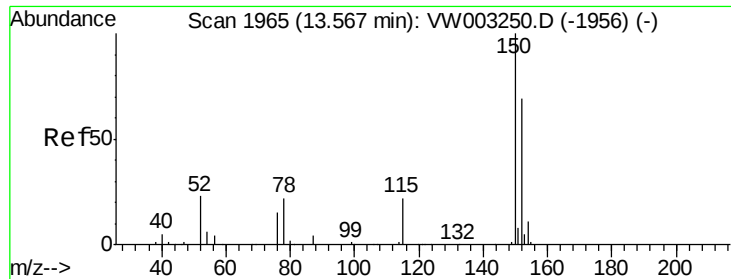


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003519.D

Acq: 24 Jun 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

WP021SB475-31-33-180620

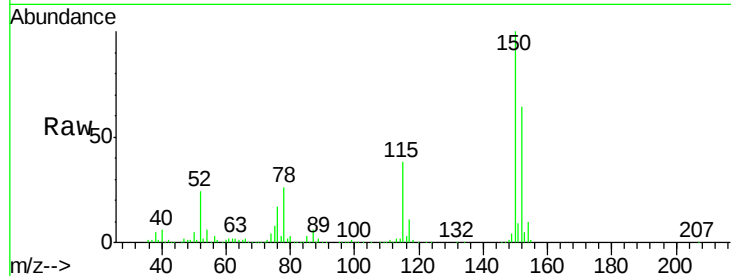
Tot Ion:152 Resp: 116840

Ion Ratio Lower Upper

152 100

115 59.0 29.3 88.0

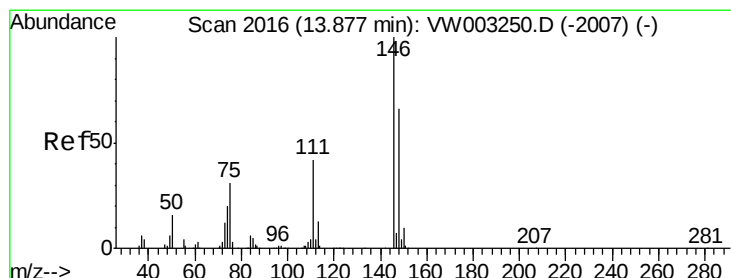
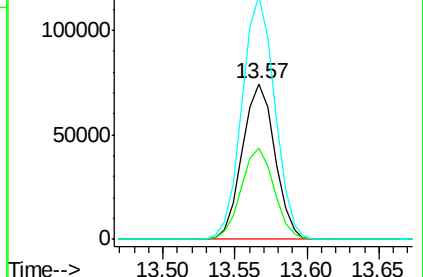
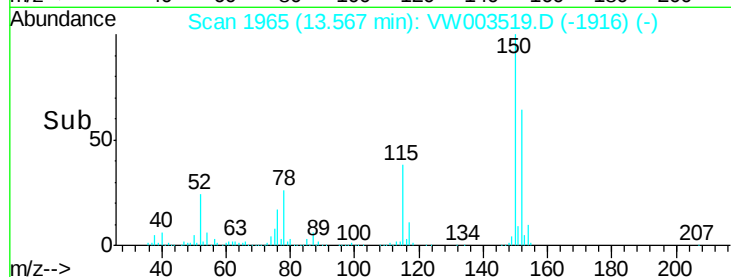
150 157.0 0.0 349.6



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: 1.71 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003519.D

Acq: 24 Jun 2018 18:57

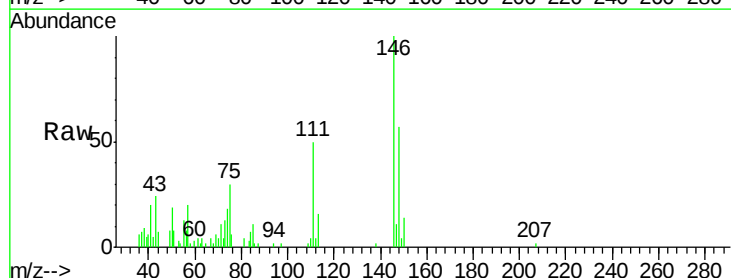
Tgt Ion:146 Resp: 5829

Ion Ratio Lower Upper

146 100

111 46.1 20.3 61.0

148 62.5 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

