

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV120518\
 Data File : VW007245.D
 Acq On : 05 Dec 2018 21:19
 Operator : SY/AP
 Sample : J6210-04RE
 Misc : 6.46G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-3(9)

Quant Time: Dec 06 06:23:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

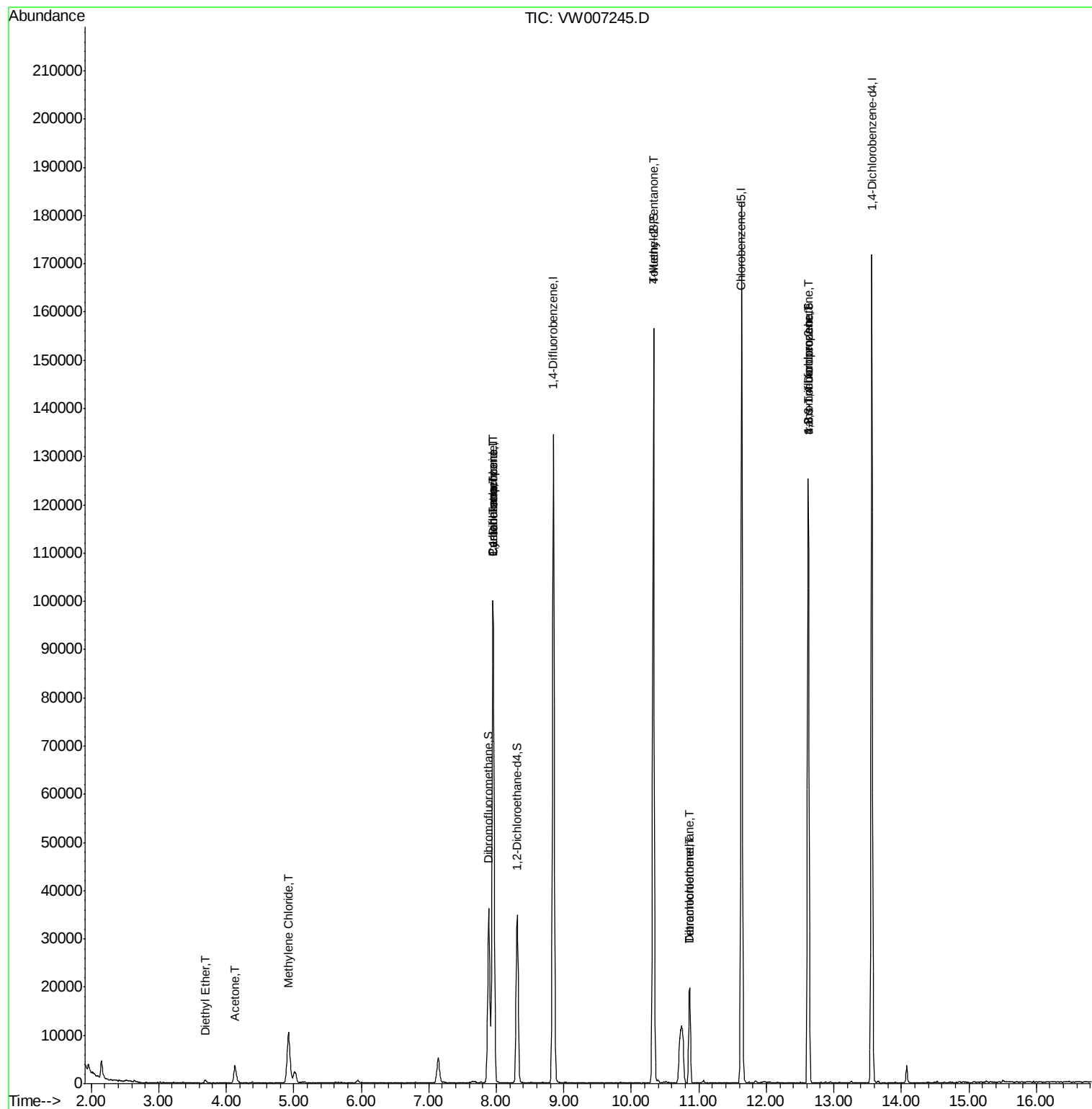
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	116759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	103176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	46524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	28569	41.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.12%	
35) Dibromofluoromethane	7.89	113	26592	39.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.56%	
50) Toluene-d8	10.32	98	107680	36.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.12%	
62) 4-Bromofluorobenzene	12.62	95	41437	37.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.56%	
Target Compounds						
8) Diethyl Ether	3.69	74	368	1.044	ug/l	95
11) Tert butyl alcohol	5.16	59	158	Below Cal	#	75
16) Acetone	4.13	43	6520	39.578	ug/l	93
20) Methylene Chloride	4.93	84	8078	5.048	ug/l	97
31) Cyclohexane	7.95	56	1488	1.078	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	5512	4.852	ug/l #	50
38) Carbon Tetrachloride	7.96	117	7848	6.768	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	437	1.111	ug/l #	1
60) Dibromochloromethane	10.87	129	4132	6.274	ug/l #	10
64) Tetrachloroethene	10.87	164	4248	5.635	ug/l	93
76) 1,2,3-Trichloropropane	12.62	75	19904	55.252	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	19904	119.088	ug/l #	13

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

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WC-3(9)

Quant Time: Dec 06 06:23:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007245.D

Acq: 05 Dec 2018 21:19

Instrument :

MSVOA_W

ClientSampled :

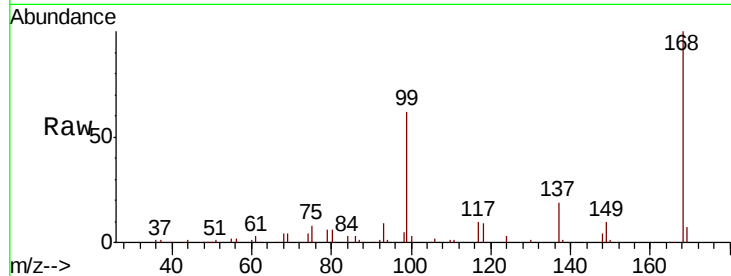
WC-3(9)

Tot Ion:168 Resp: 74741

Ion Ratio Lower Upper

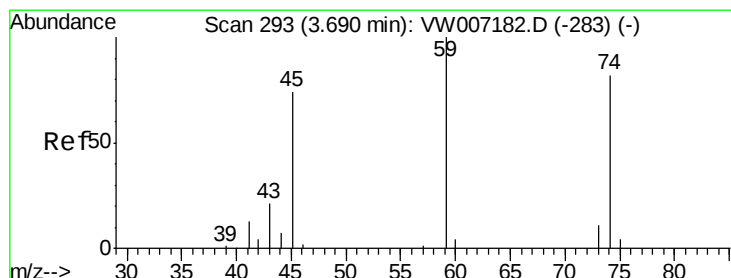
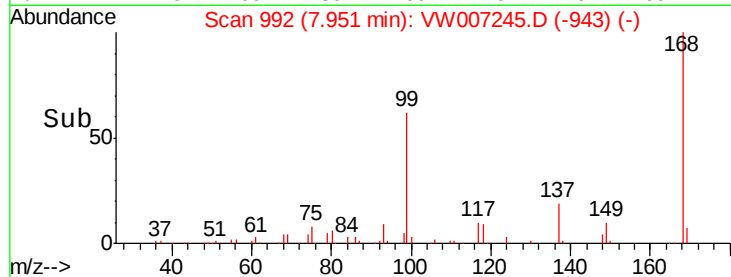
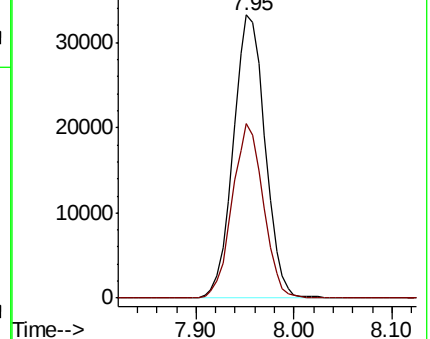
168 100

99 61.6 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.044 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW007245.D

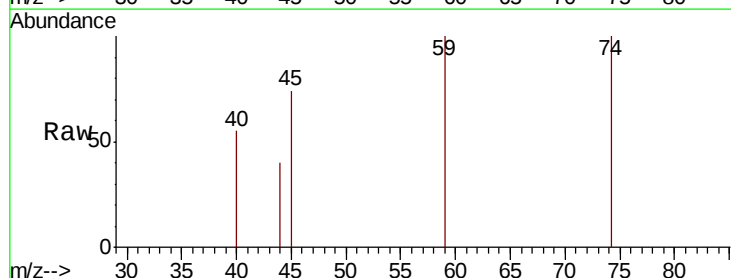
Acq: 05 Dec 2018 21:19

Tgt Ion: 74 Resp: 368

Ion Ratio Lower Upper

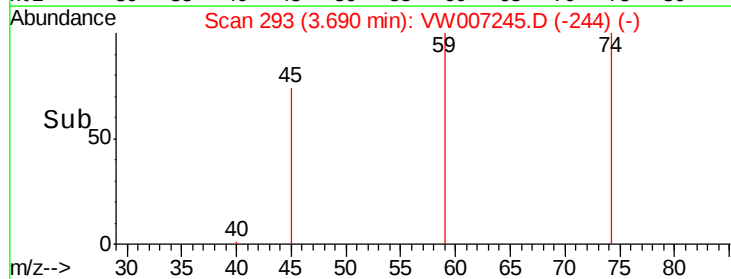
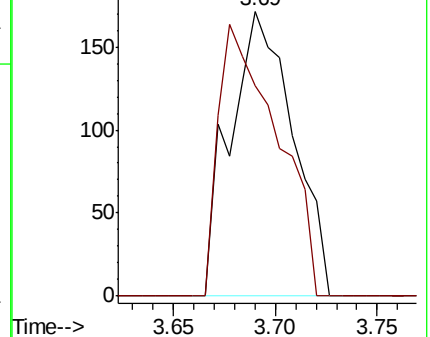
74 100

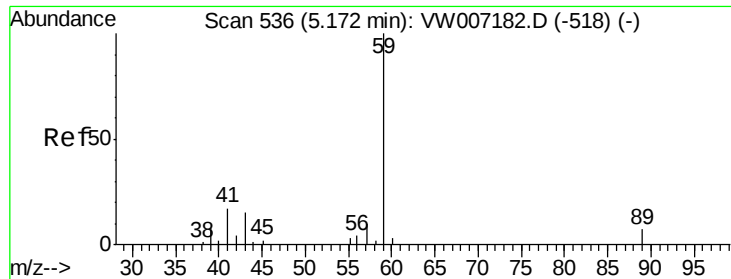
45 89.1 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

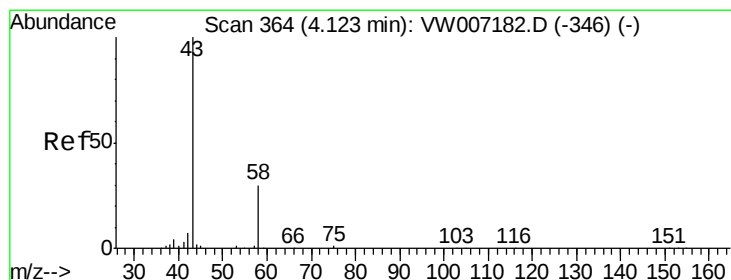
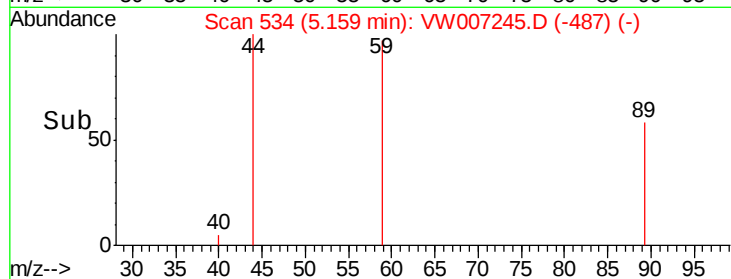
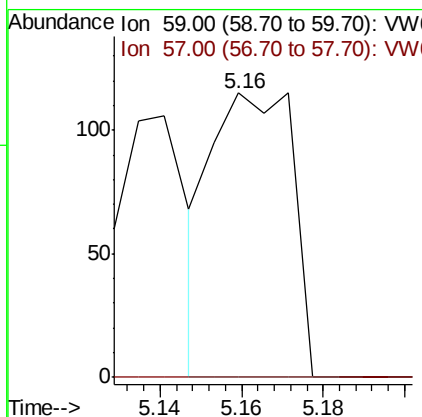
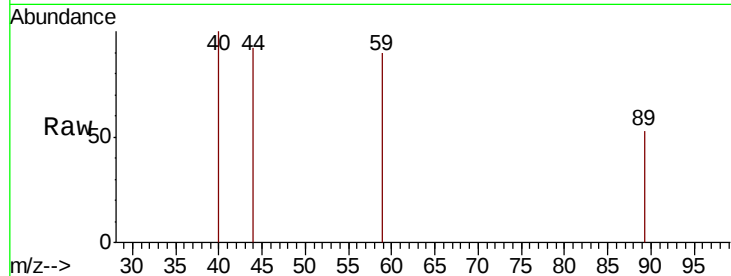




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW007245.D
Acq: 05 Dec 2018 21:19

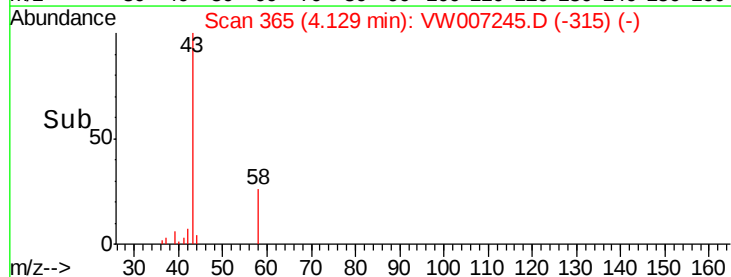
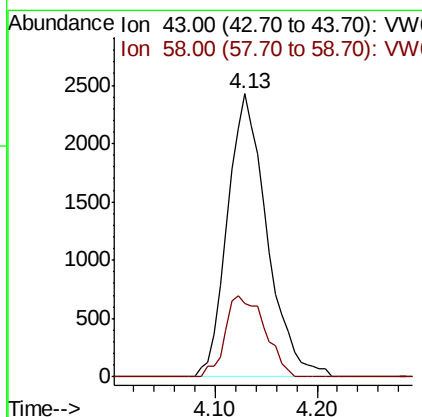
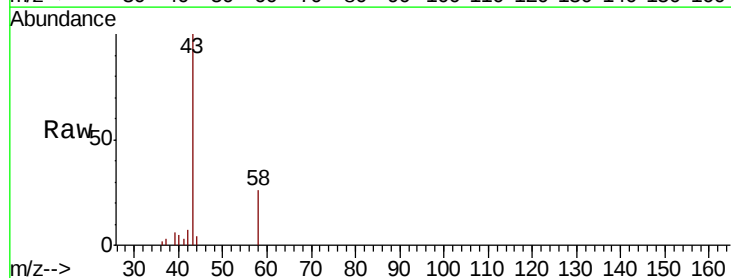
Instrument :
MSVOA_W
ClientSampled :
WC-3(9)

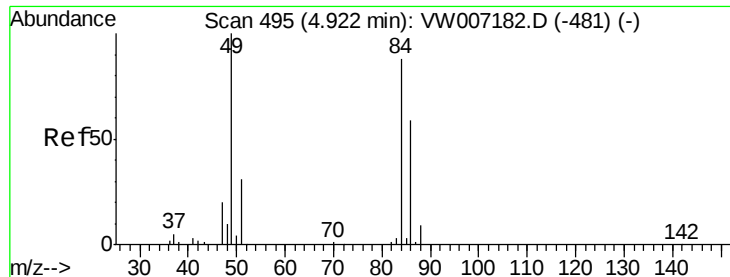
Tot Ion: 59 Resp: 158
Ion Ratio Lower Upper
59 100
57 0.0 7.1 10.7#



#16
Acetone
Concen: 39.578 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007245.D
Acq: 05 Dec 2018 21:19

Tgt Ion: 43 Resp: 6520
Ion Ratio Lower Upper
43 100
58 25.9 23.8 35.8

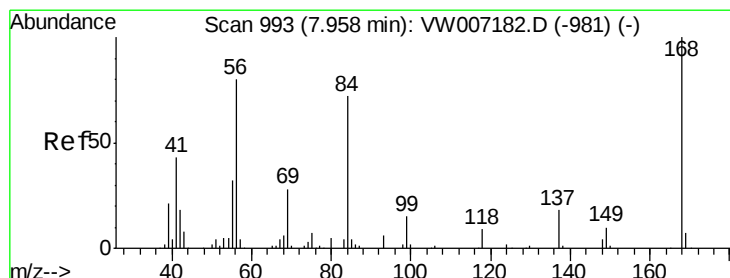
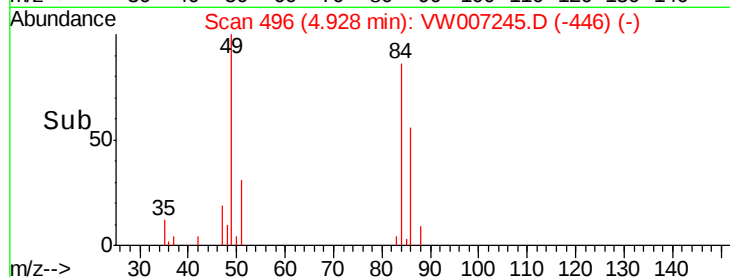
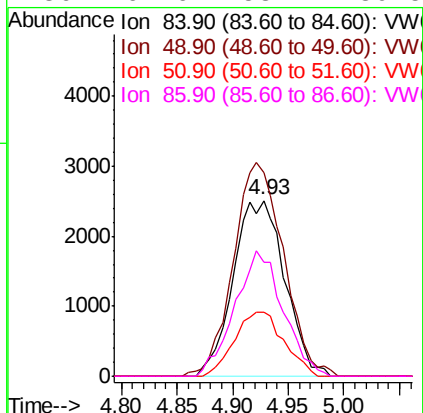
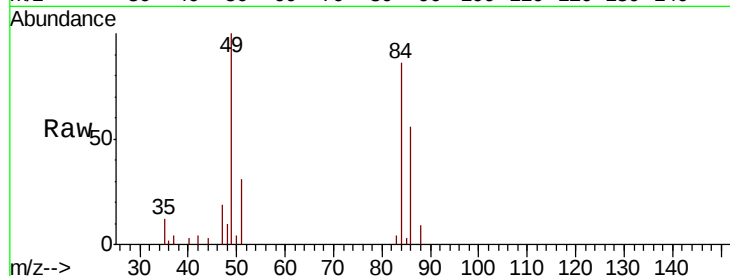




#20
Methvlene Chloride
Concen: 5.048 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007245.D
Acq: 05 Dec 2018 21:19

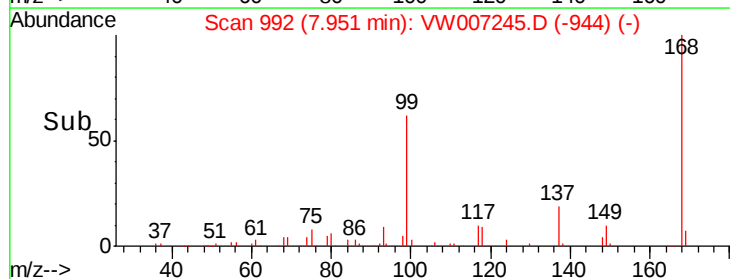
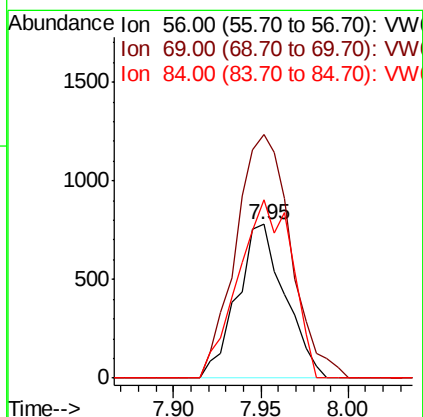
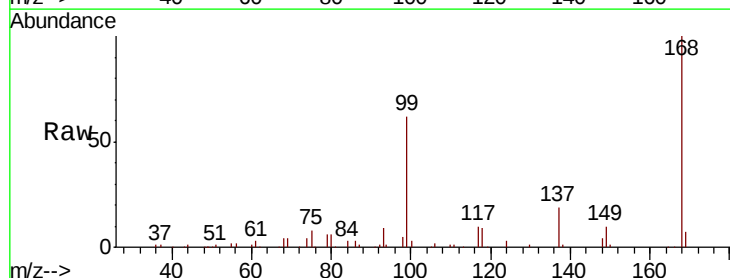
Instrument :
MSVOA_W
ClientSampled :
WC-3(9)

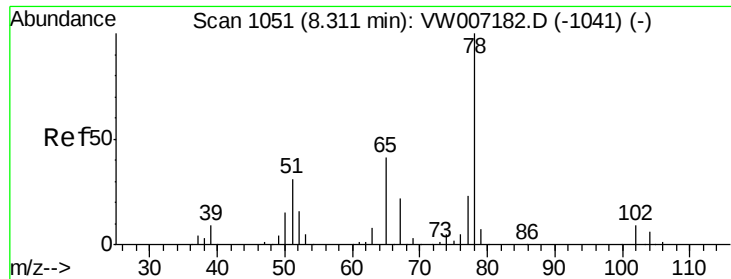
Tot Ion:	84	Resp:	8078
Ion	Ratio	Lower	Upper
84	100		
49	116.1	90.6	135.8
51	36.2	27.6	41.4
86	64.6	53.7	80.5



#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007245.D
Acq: 05 Dec 2018 21:19

Tgt Ion:	56	Resp:	1488
Ion	Ratio	Lower	Upper
56	100		
69	158.4	28.2	42.2#
84	116.3	72.1	108.1#

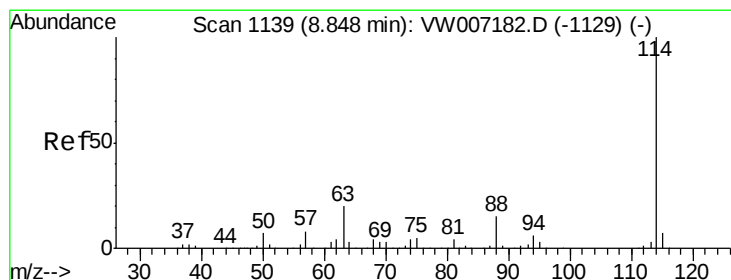
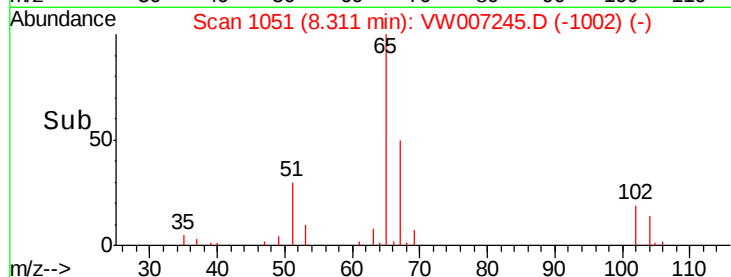
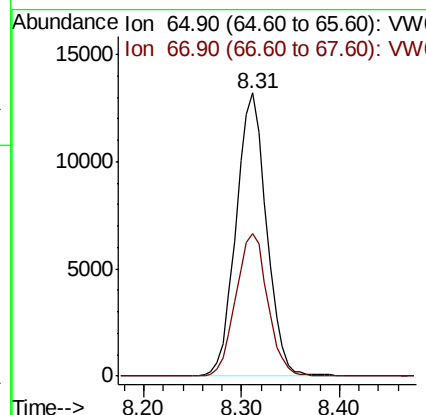
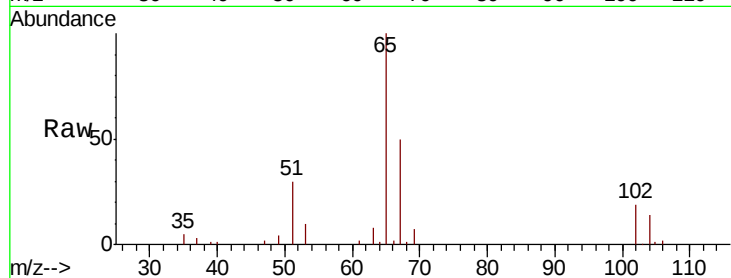




#33
 1,2-Dichloroethane-d4
 Concen: 41.055 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007245.D
 Acq: 05 Dec 2018 21:19

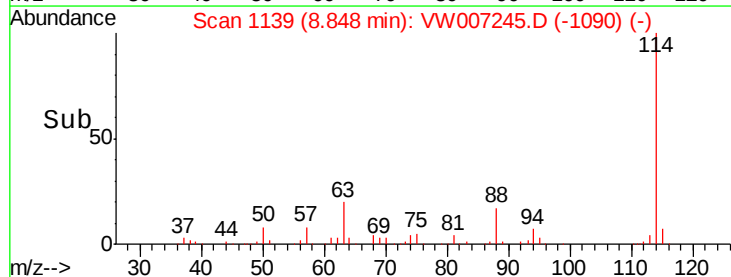
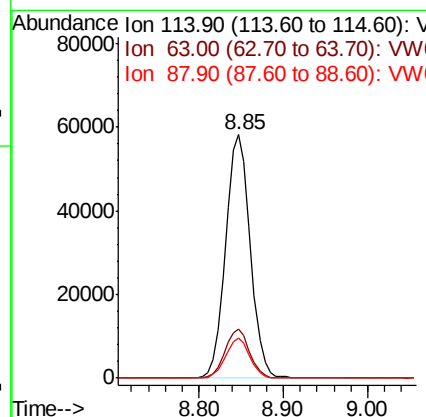
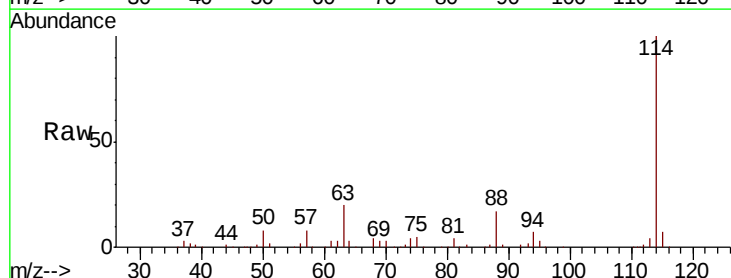
Instrument :
 MSVOA_W
 ClientSampleId :
 WC-3(9)

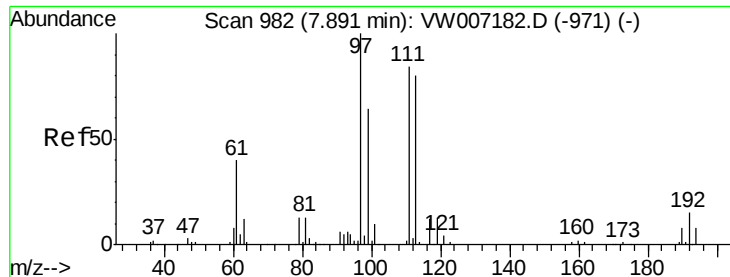
Tot Ion: 65 Resp: 28569
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007245.D
 Acq: 05 Dec 2018 21:19

Tgt Ion: 114 Resp: 116759
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 16.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 39.775 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007245.D

Acq: 05 Dec 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

WC-3(9)

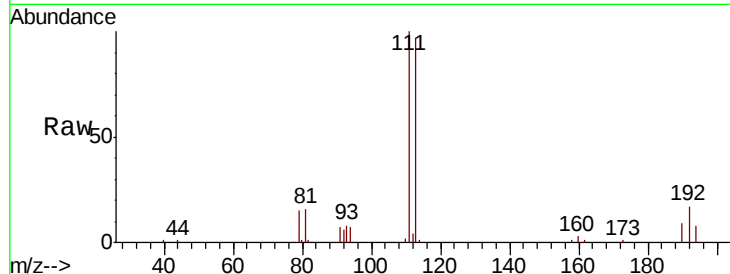
Tot Ion:113 Resp: 26592

Ion Ratio Lower Upper

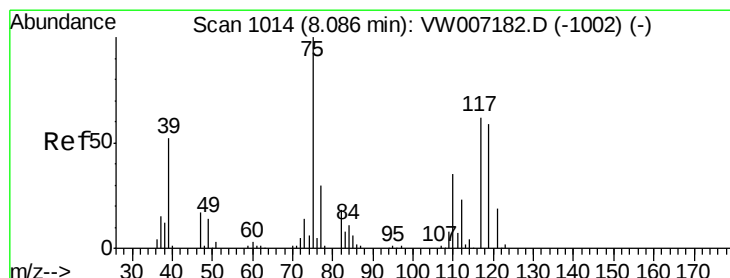
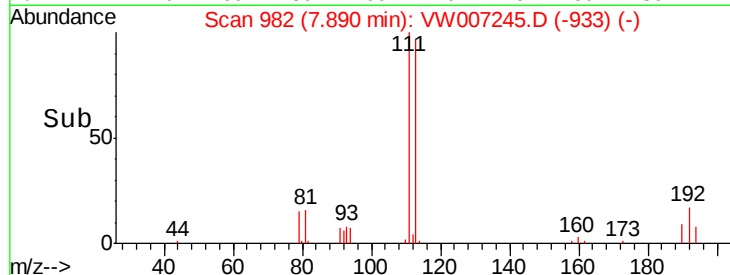
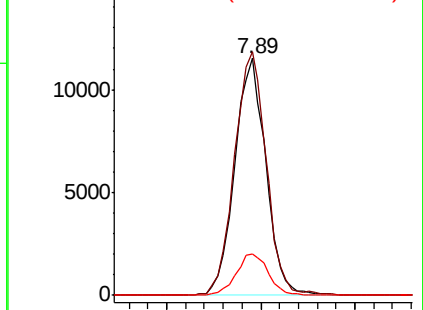
113 100

111 104.9 82.2 123.4

192 17.9 14.4 21.6



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



#36

1,1-Dichloropropene

Concen: 4.852 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007245.D

Acq: 05 Dec 2018 21:19

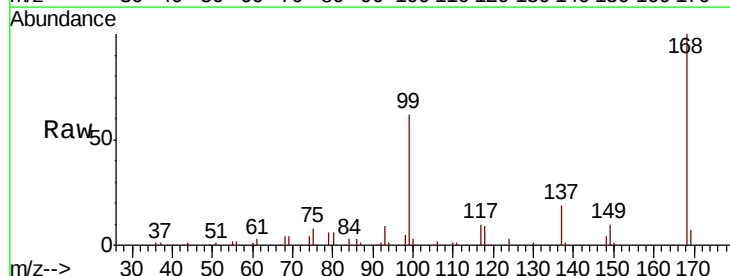
Tgt Ion: 75 Resp: 5512

Ion Ratio Lower Upper

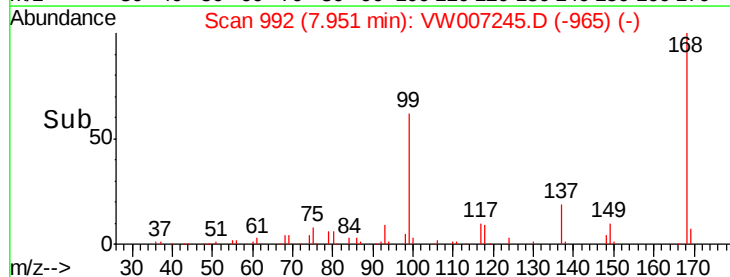
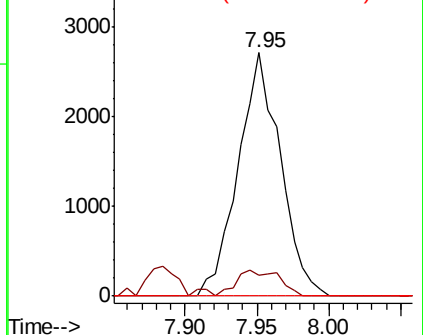
75 100

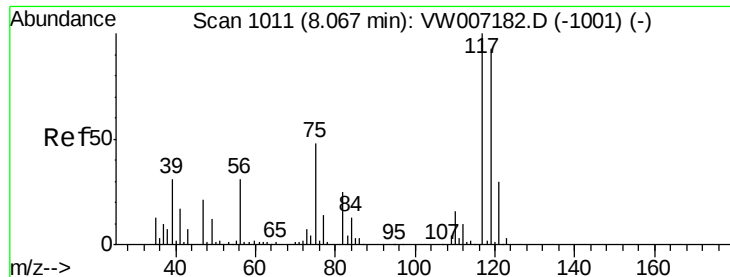
110 10.8 18.3 54.9#

77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

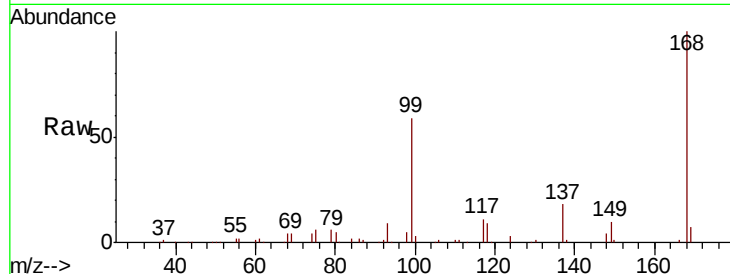




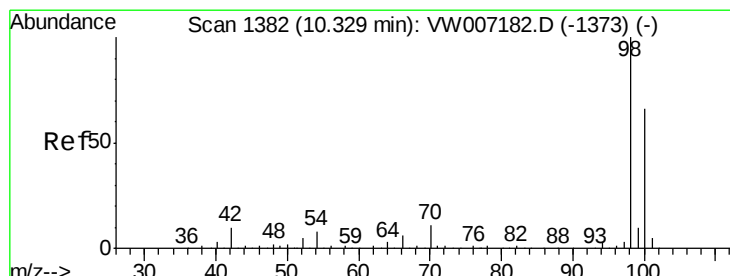
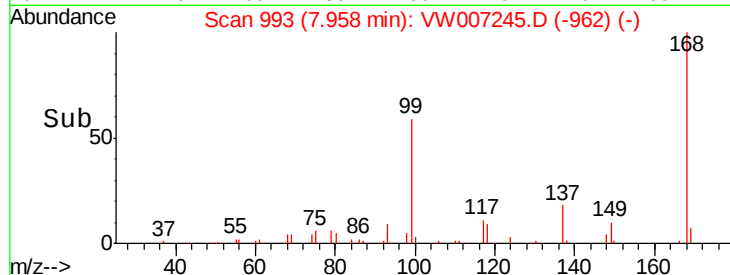
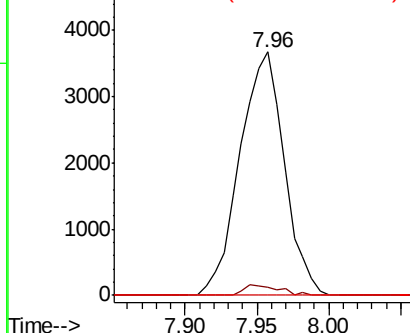
#38
Carbon Tetrachloride
Concen: 6.768 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.11 min
Lab File: VW007245.D
Acq: 05 Dec 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
WC-3(9)

Tot Ion:117 Resp: 7848
Ion Ratio Lower Upper
117 100
119 3.2 74.1 111.1#
121 0.0 23.9 35.9#

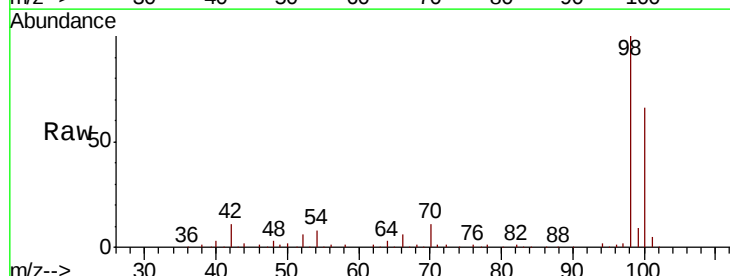


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

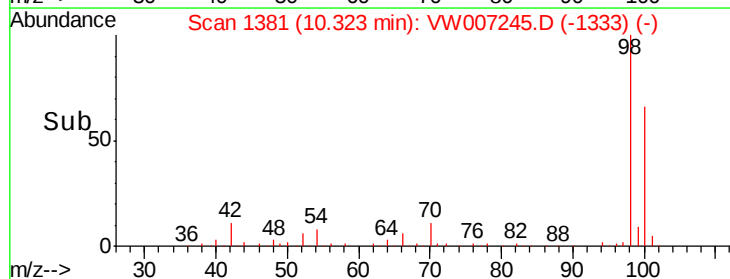
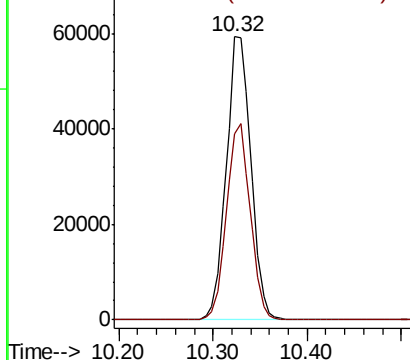


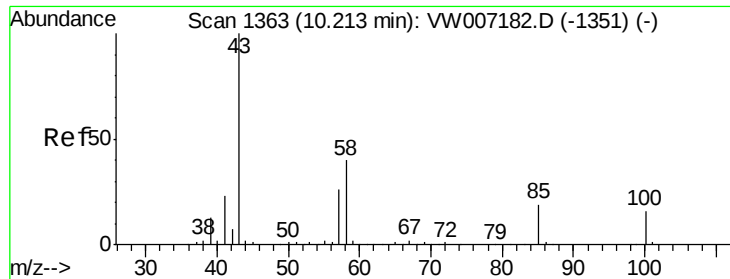
#50
Toluene-d8
Concen: 36.564 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007245.D
Acq: 05 Dec 2018 21:19

Tgt Ion: 98 Resp: 107680
Ion Ratio Lower Upper
98 100
100 66.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.111 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007245.D

Acq: 05 Dec 2018 21:19

Instrument :

MSVOA_W

ClientSampled :

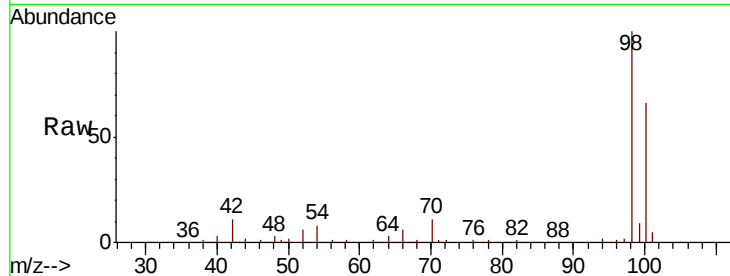
WC-3(9)

Tot Ion: 43 Resp: 437

Ion Ratio Lower Upper

43 100

58 187.6 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

500

400

300

200

100

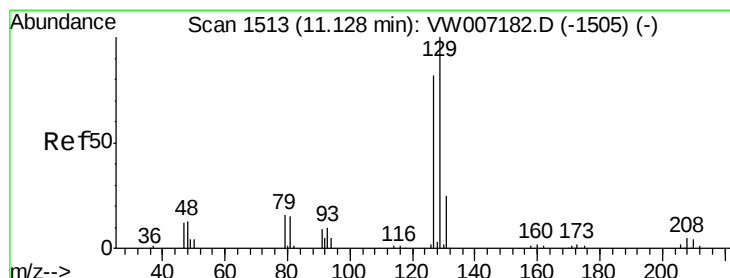
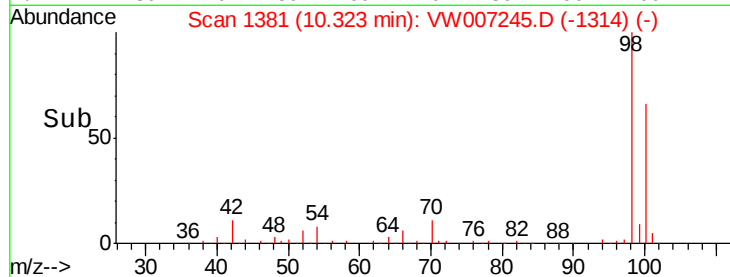
0

10.30

10.32

10.35

Time-->



#60

Dibromochloromethane

Concen: 6.274 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW007245.D

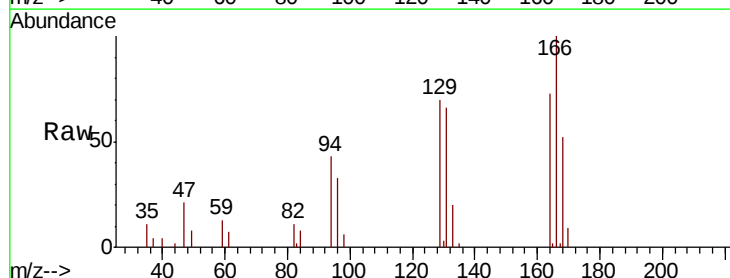
Acq: 05 Dec 2018 21:19

Tgt Ion: 129 Resp: 4132

Ion Ratio Lower Upper

129 100

127 0.0 39.8 119.4#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

2500

2000

1500

1000

500

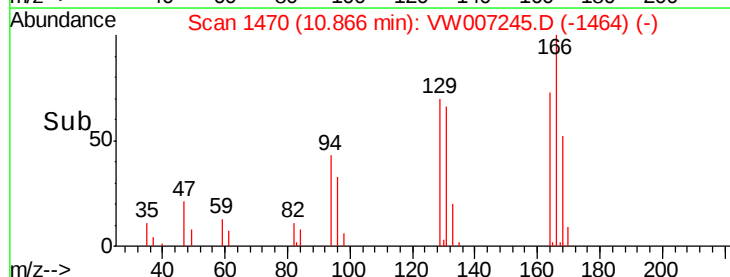
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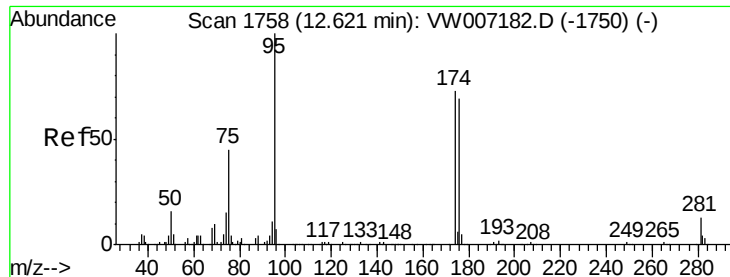
10.85

10.87

10.90

Time-->





#62

4-Bromofluorobenzene

Concen: 37.278 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007245.D

Acq: 05 Dec 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

WC-3(9)

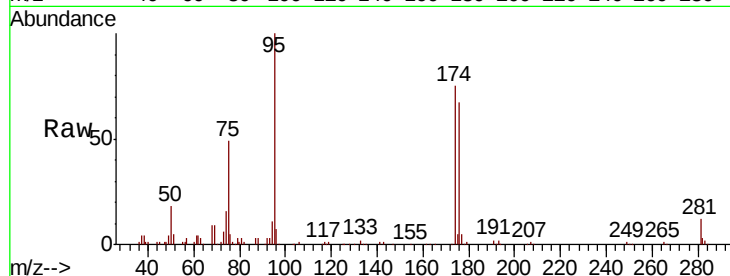
Tot Ion: 95 Resp: 41437

Ion Ratio Lower Upper

95 100

174 73.7 0.0 148.0

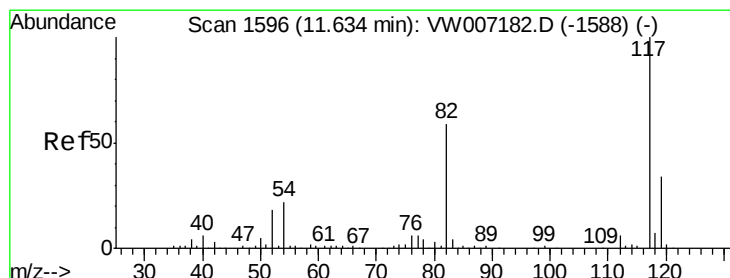
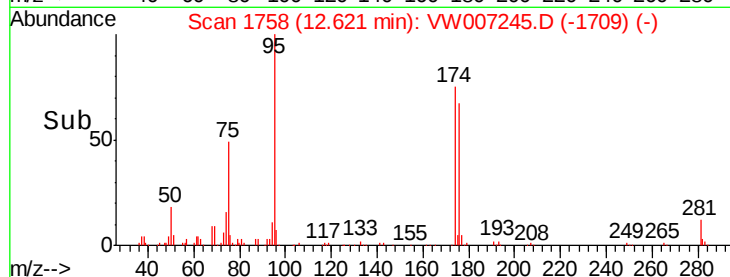
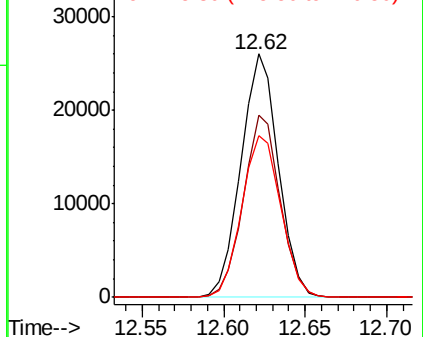
176 69.6 0.0 139.4



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007245.D

Acq: 05 Dec 2018 21:19

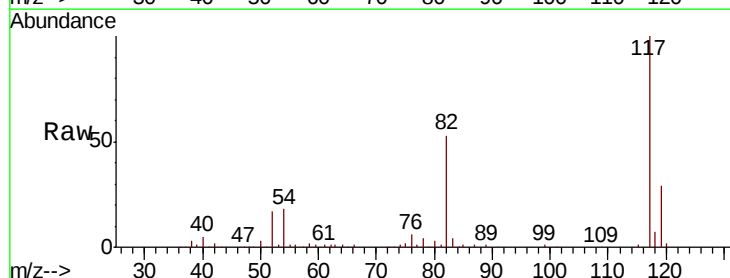
Tgt Ion: 117 Resp: 103176

Ion Ratio Lower Upper

117 100

82 52.9 47.4 71.2

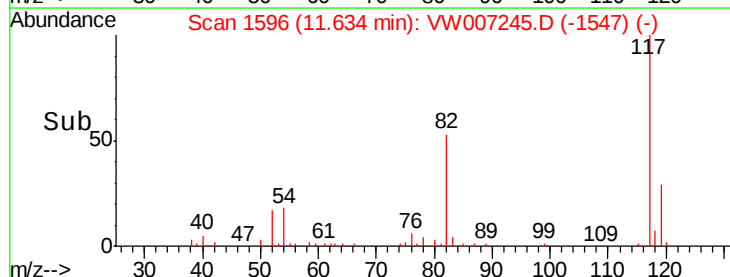
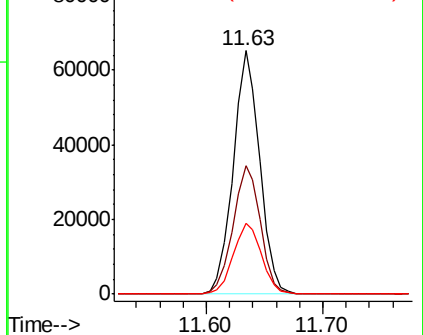
119 29.0 26.8 40.2

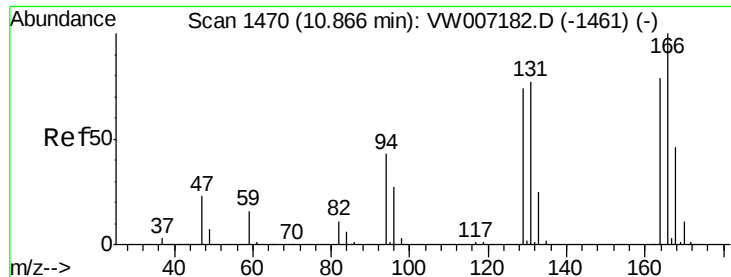


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 5.635 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW007245.D

Acq: 05 Dec 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

WC-3(9)

Tot Ion:164 Resp: 4248

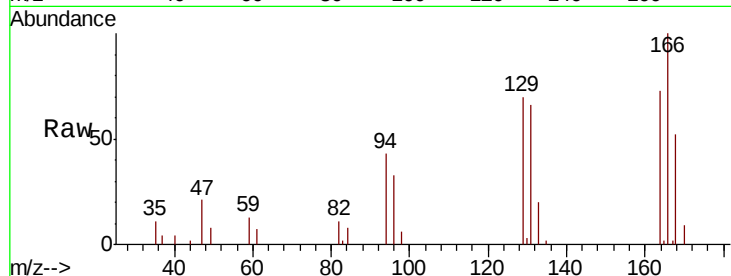
Ion Ratio Lower Upper

164 100

166 136.5 101.0 151.4

129 96.1 74.6 111.8

131 90.3 77.6 116.4

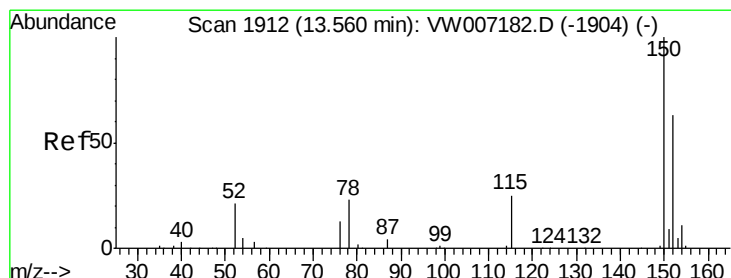
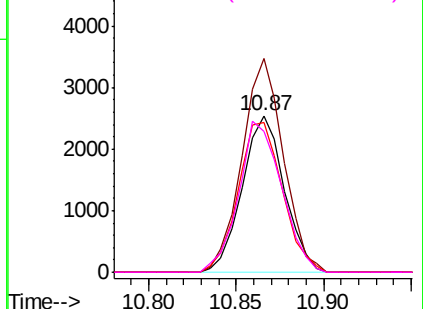
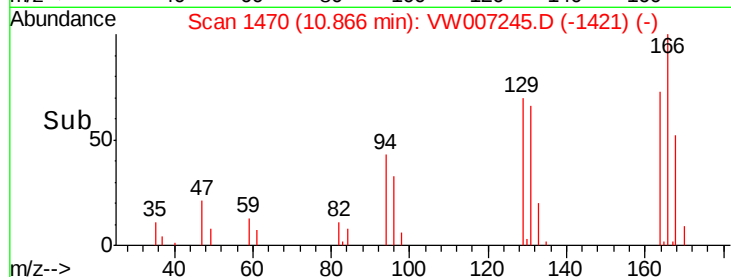


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007245.D

Acq: 05 Dec 2018 21:19

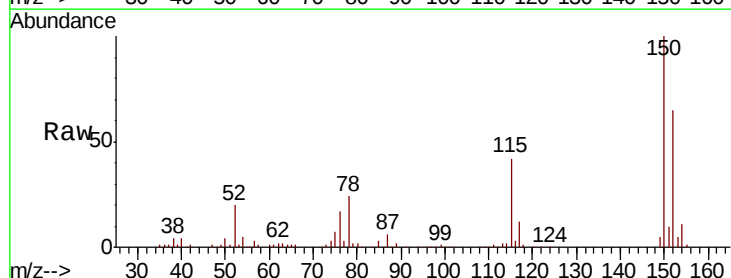
Tgt Ion:152 Resp: 46524

Ion Ratio Lower Upper

152 100

115 63.3 31.3 93.8

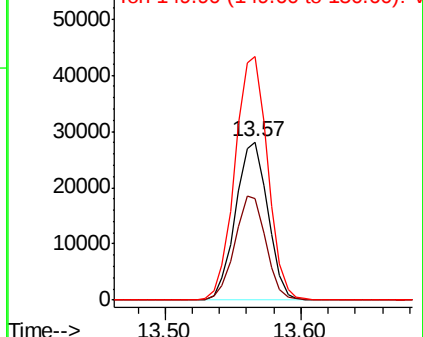
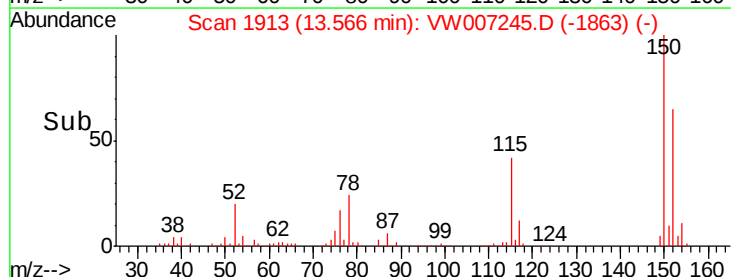
150 156.0 0.0 358.0

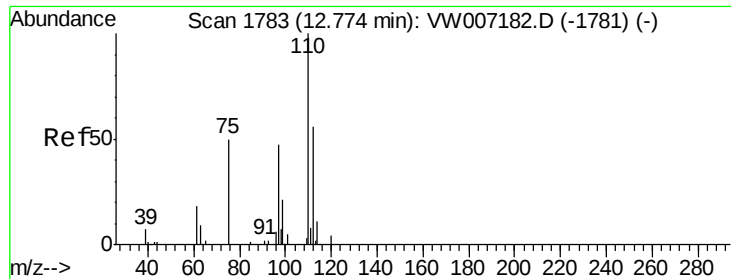


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 55.252 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007245.D

Acq: 05 Dec 2018 21:19

Instrument :

MSVOA_W

ClientSampled :

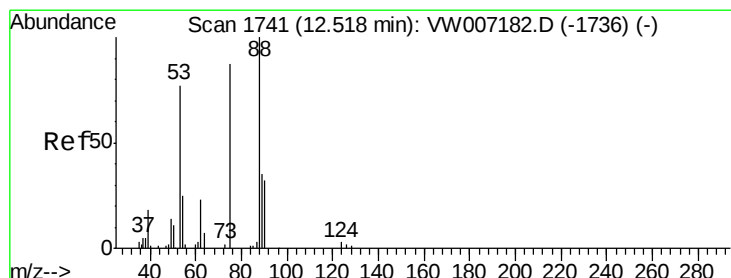
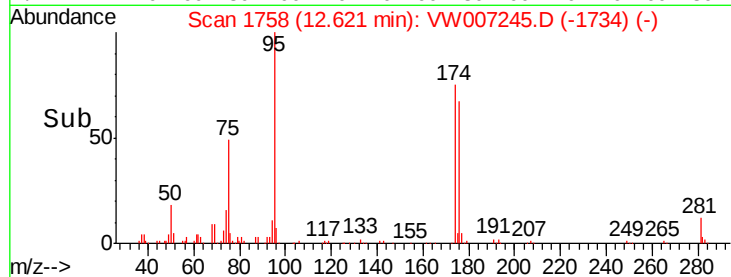
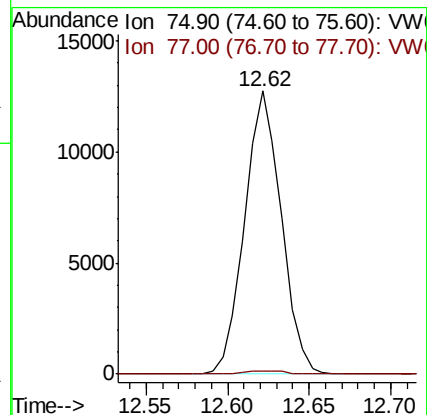
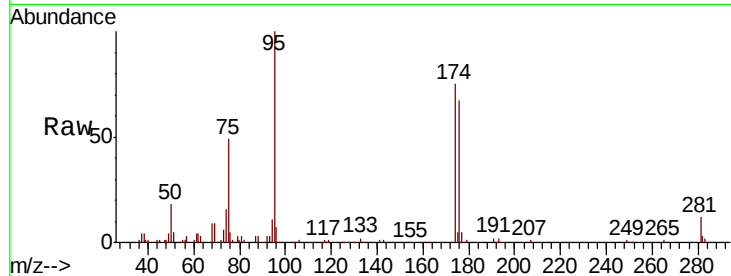
WC-3(9)

Tot Ion: 75 Resp: 19904

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 119.088 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007245.D

Acq: 05 Dec 2018 21:19

Tgt Ion: 75 Resp: 19904

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#

