

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008058.D
 Acq On : 04 Jan 2019 19:55
 Operator : SY/AP
 Sample : K1062-03RE
 Misc : 6.82G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5RE

Quant Time: Jan 05 00:44:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	90164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31466	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	44060	53.66	ug/l	0.00
Spiked Amount			Recovery	=	107.32%	
35) Dibromofluoromethane	7.88	113	38578	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	10.32	98	141866	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.62	95	39190	35.14	ug/l	0.00
Spiked Amount			Recovery	=	70.28%	

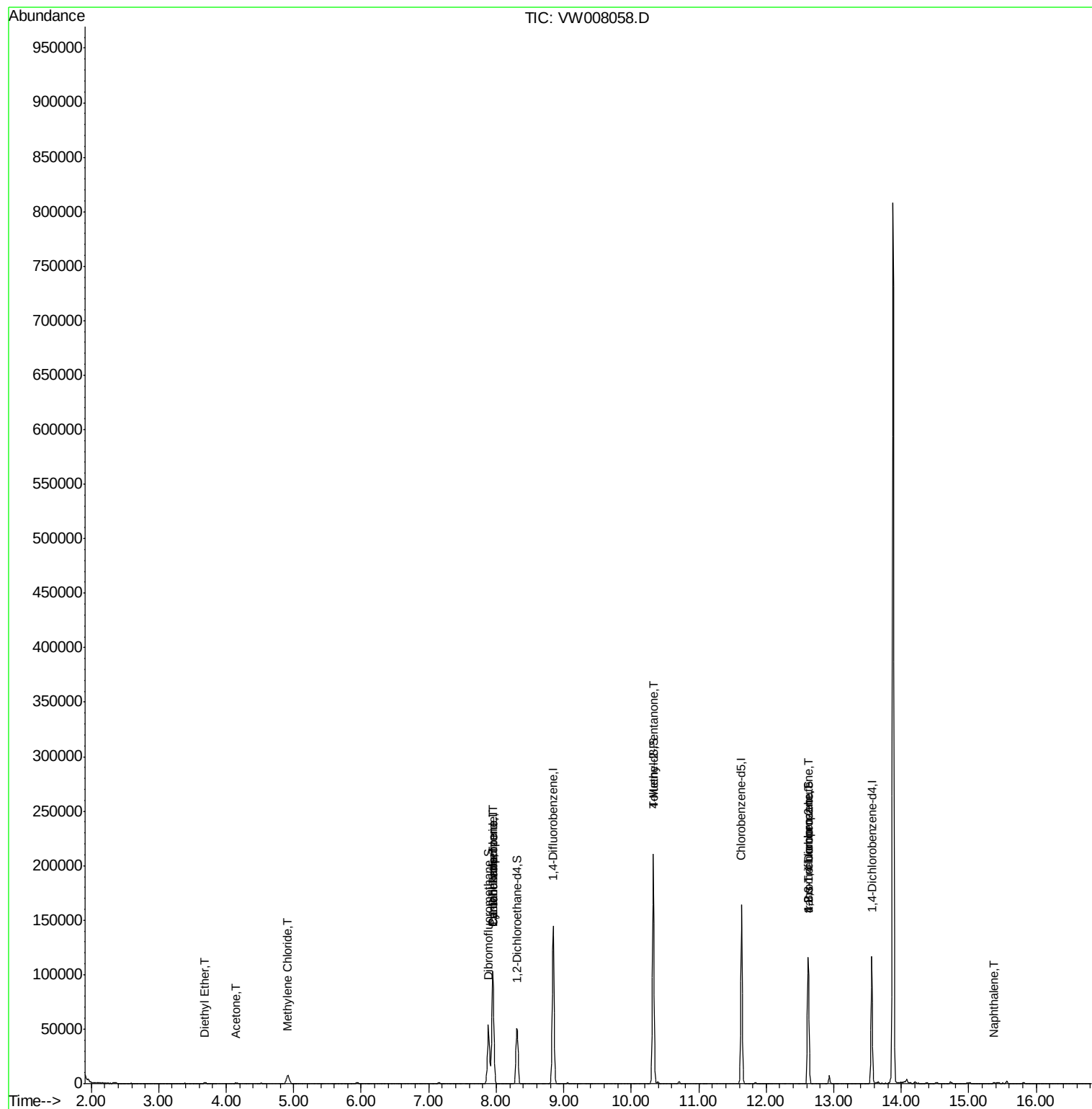
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	402	1.194	ug/l #	1
16) Acetone	4.14	43	1210	9.520	ug/l #	80
20) Methylene Chloride	4.91	84	6293	5.934	ug/l	98
31) Cyclohexane	7.95	56	1619	1.290	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	5784	4.769	ug/l #	50
38) Carbon Tetrachloride	7.95	117	8361	5.752	ug/l #	13
51) 4-Methyl-2-Pentanone	10.32	43	612	1.816	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	21024	83.986	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	21024	198.613	ug/l #	6
95) Naphthalene	15.37	128	1425	1.249	ug/l #	87

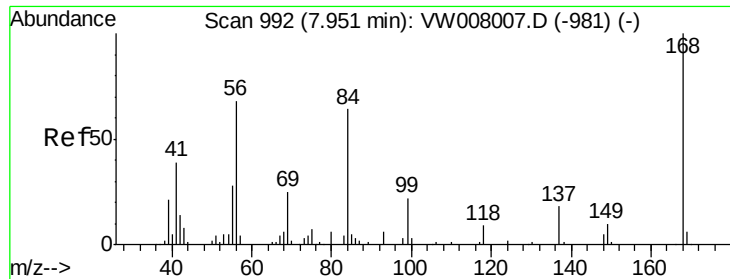
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010419\
Data File : VW008058.D
Acq On : 04 Jan 2019 19:55
Operator : SY/AP
Sample : K1062-03RE
Misc : 6.82G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-5RE

Quant Time: Jan 05 00:44:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
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: VW008058.D

Acq: 04 Jan 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

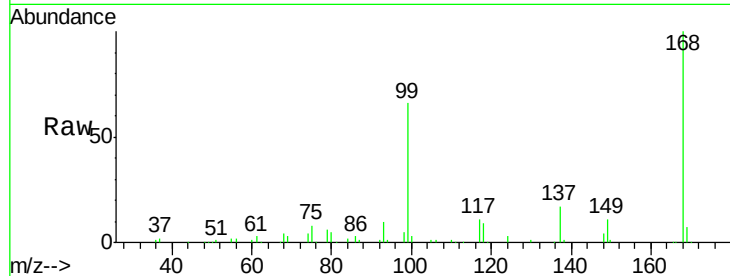
TP-5RE

Tot Ion:168 Resp: 74238

Ion Ratio Lower Upper

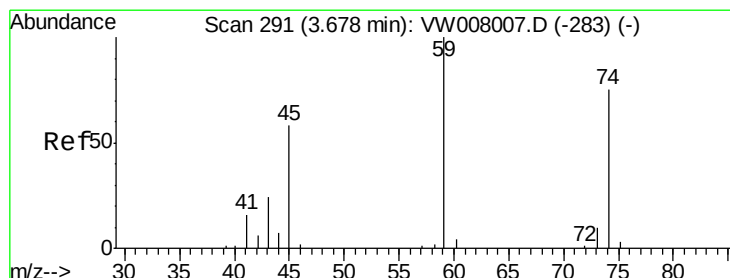
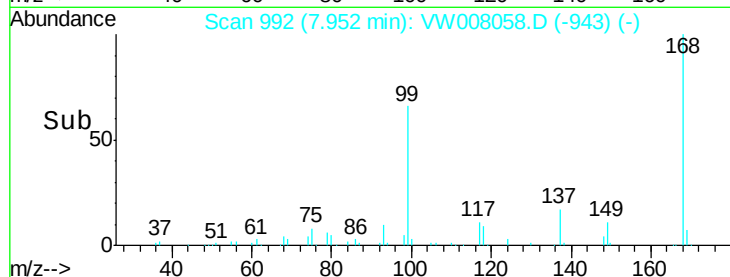
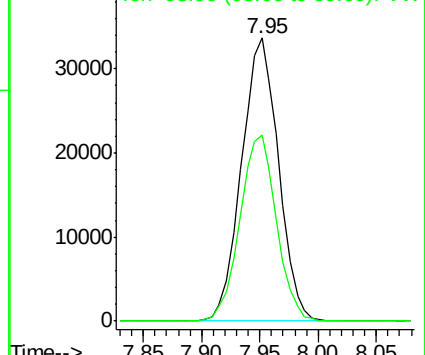
168 100

99 65.8 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.194 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW008058.D

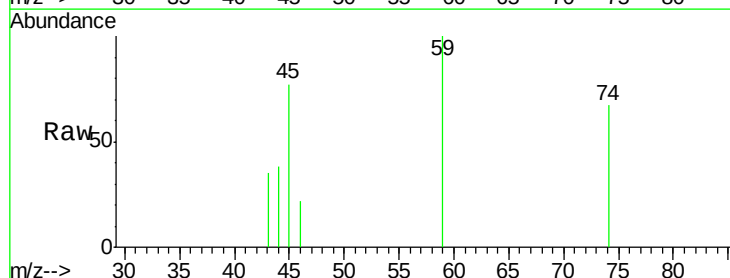
Acq: 04 Jan 2019 19:55

Tgt Ion: 74 Resp: 402

Ion Ratio Lower Upper

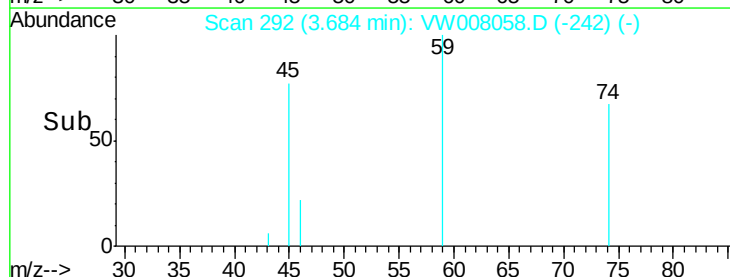
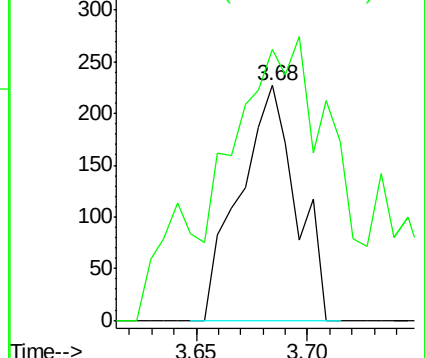
74 100

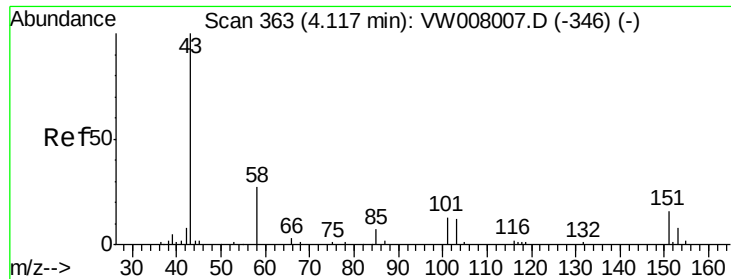
45 239.6 41.4 124.2#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 9.520 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW008058.D

Acq: 04 Jan 2019 19:55

Instrument :

MSVOA_W

ClientSampled :

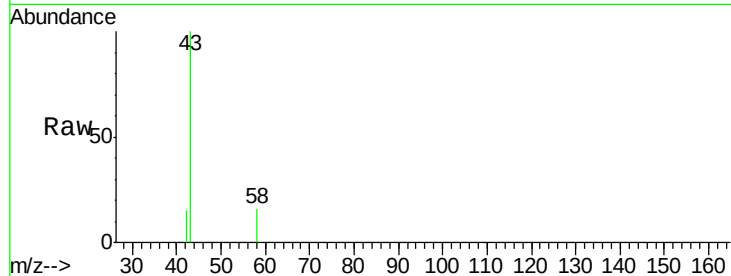
TP-5RE

Tot Ion: 43 Resp: 1210

Ion Ratio Lower Upper

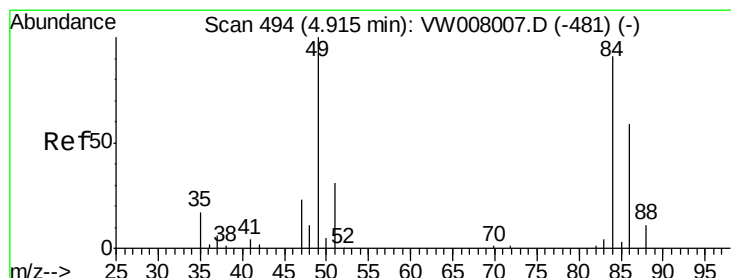
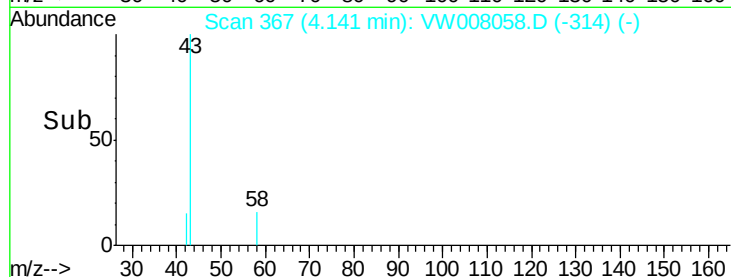
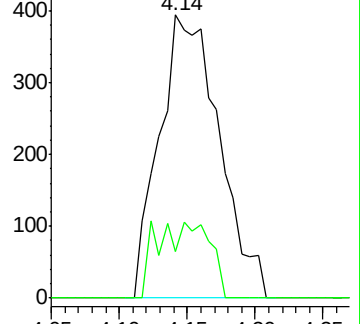
43 100

58 16.5 21.7 32.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 5.934 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW008058.D

Acq: 04 Jan 2019 19:55

Tgt Ion: 84 Resp: 6293

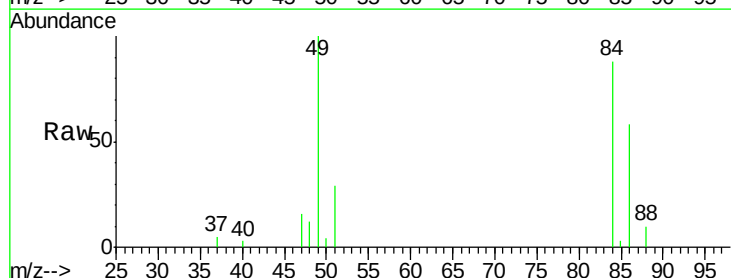
Ion Ratio Lower Upper

84 100

49 113.0 87.7 131.5

51 33.3 27.3 40.9

86 65.1 51.4 77.0

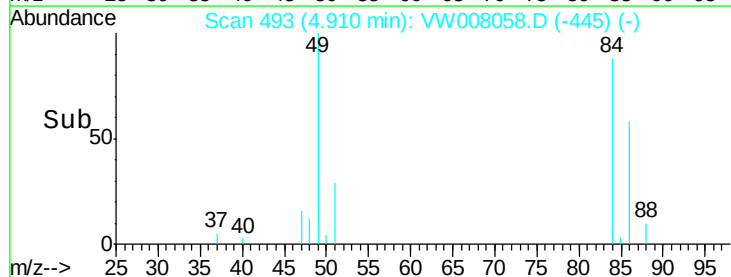
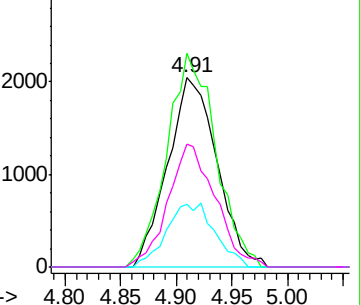


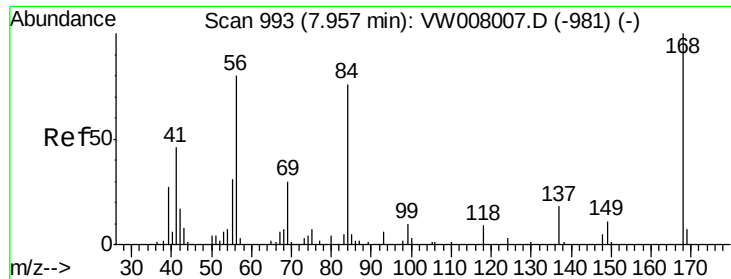
Abundance Ion 83.90 (83.60 to 84.60): VW

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

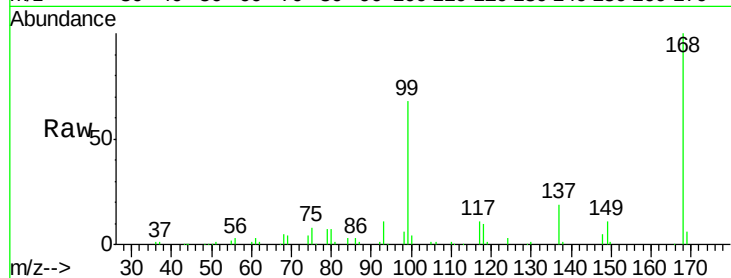




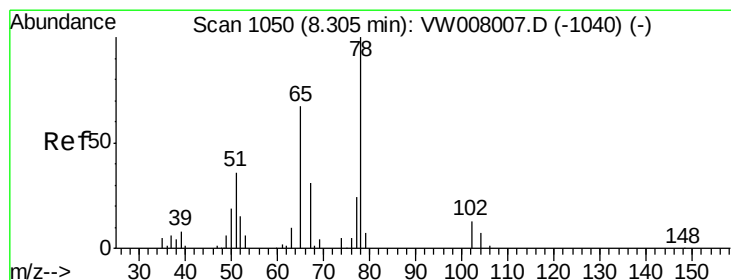
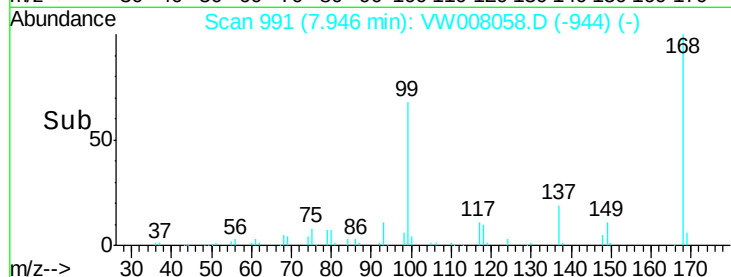
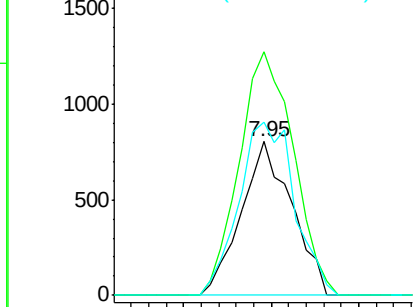
#31
Cyclohexane
Concen: 1.290 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008058.D
Acq: 04 Jan 2019 19:55

Instrument :
MSVOA_W
ClientSampled :
TP-5RE

Tot Ion: 56 Resp: 1619
Ion Ratio Lower Upper
56 100
69 158.3 29.8 44.6#
84 112.8 75.2 112.8#

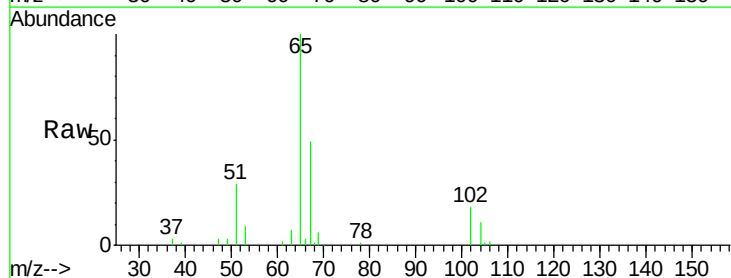


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

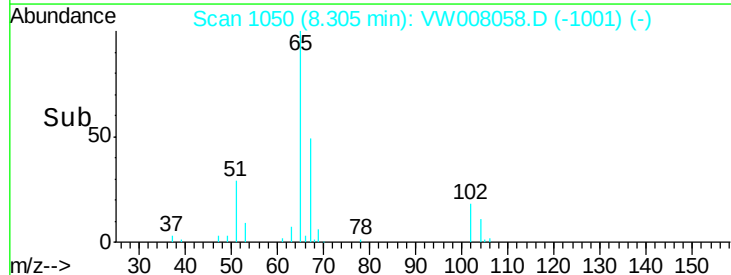
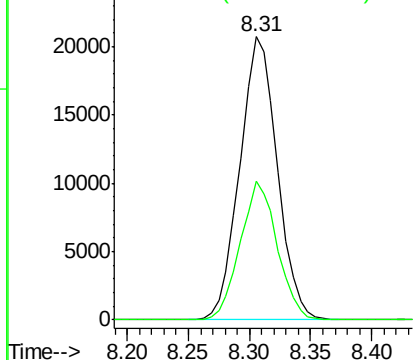


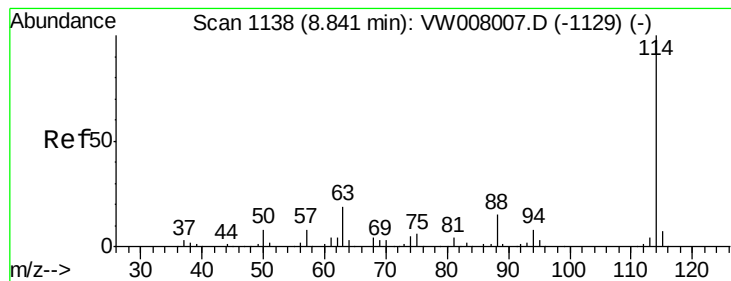
#33
1,2-Dichloroethane-d4
Concen: 53.659 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008058.D
Acq: 04 Jan 2019 19:55

Tgt Ion: 65 Resp: 44060
Ion Ratio Lower Upper
65 100
67 48.3 0.0 94.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008058.D

Acq: 04 Jan 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

TP-5RE

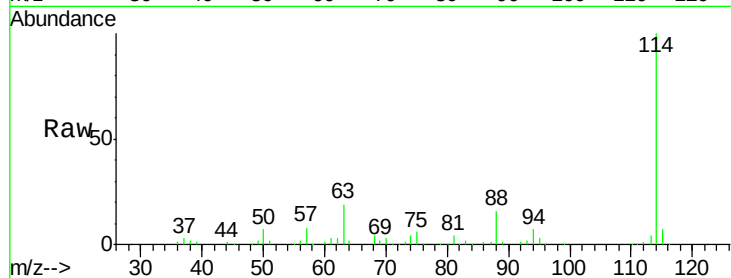
Tot Ion:114 Resp: 122959

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.8

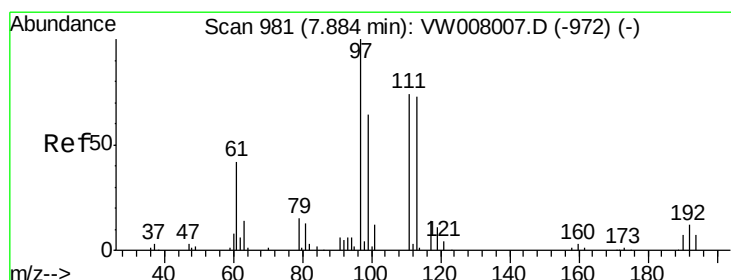
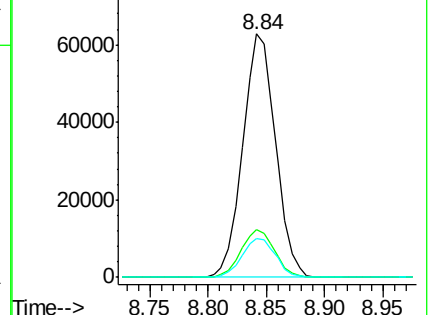
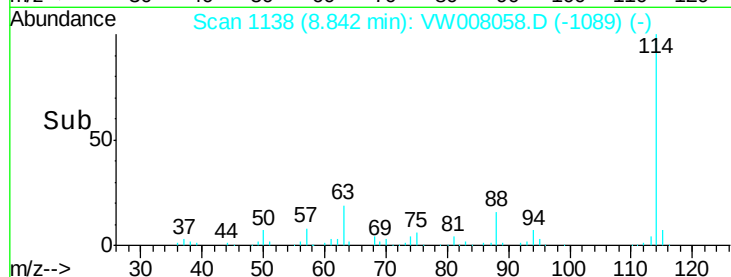
88 15.7 0.0 31.0



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: 49.769 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008058.D

Acq: 04 Jan 2019 19:55

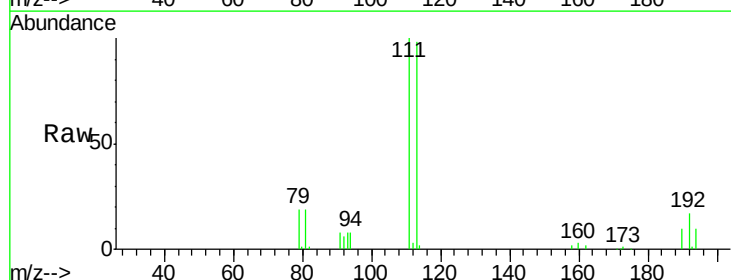
Tgt Ion:113 Resp: 38578

Ion Ratio Lower Upper

113 100

111 99.6 81.4 122.0

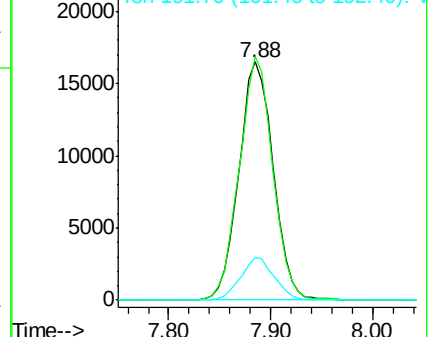
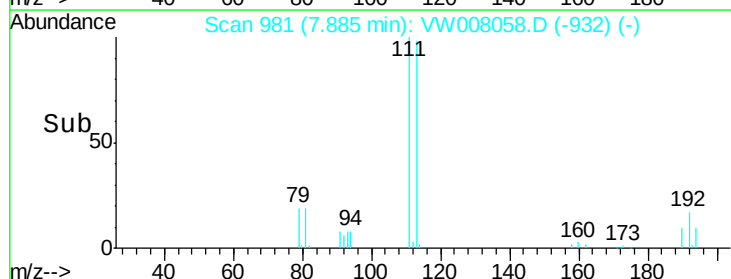
192 17.6 14.8 22.2

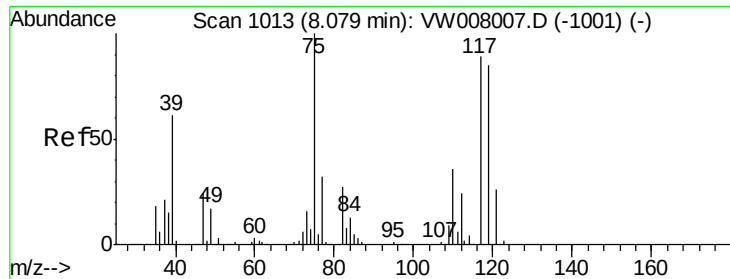


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

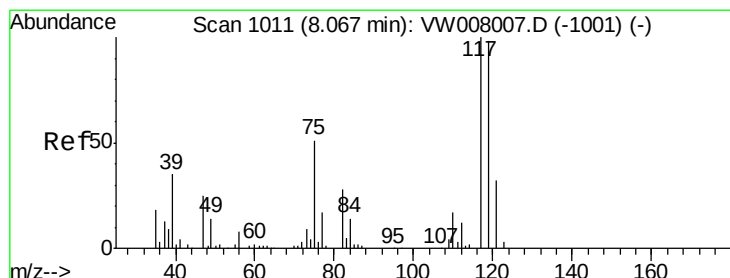
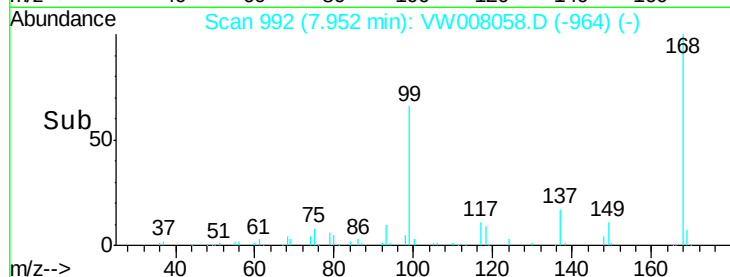
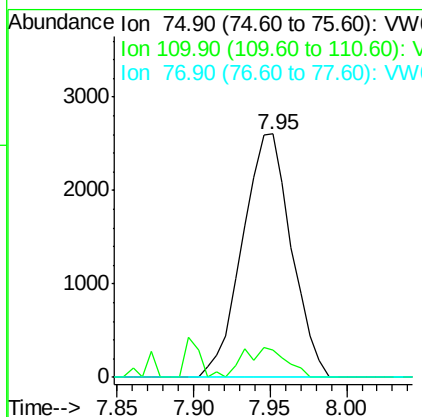
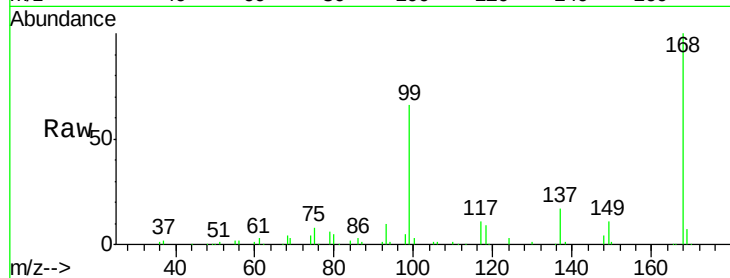




#36
 1,1-Dichloropropene
 Concen: 4.769 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008058.D
 Acq: 04 Jan 2019 19:55

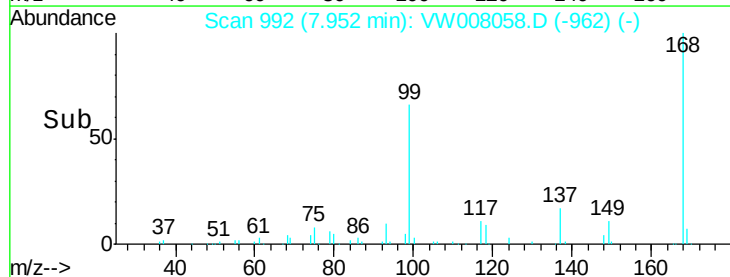
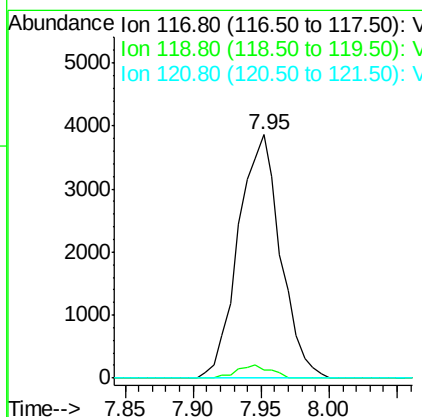
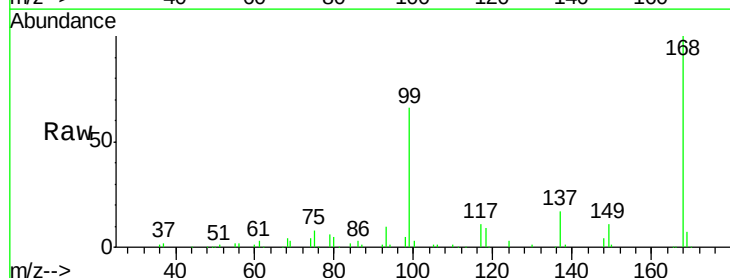
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5RE

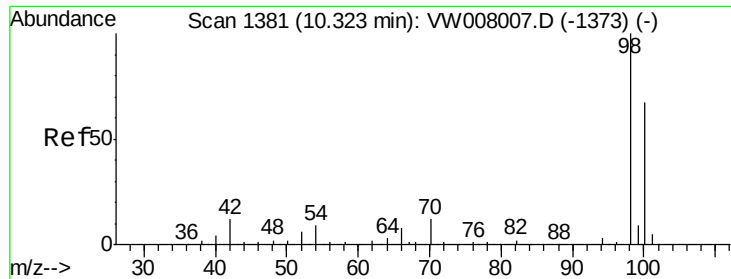
Tot Ion: 75 Resp: 5784
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.1 54.3#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.752 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW008058.D
 Acq: 04 Jan 2019 19:55

Tgt Ion: 117 Resp: 8361
 Ion Ratio Lower Upper
 117 100
 119 3.3 78.7 118.1#
 121 0.0 25.8 38.8#





#50

Toluene-d8

Concen: 48.789 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008058.D

Acq: 04 Jan 2019 19:55

Instrument :

MSVOA_W

ClientSampled :

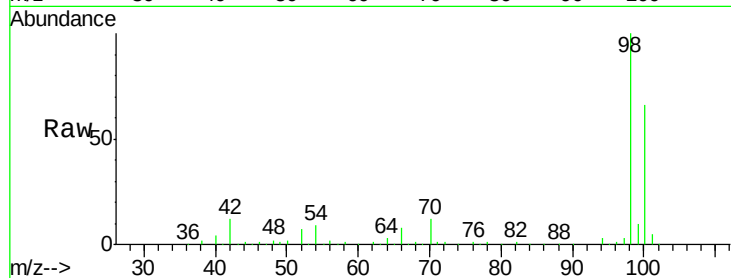
TP-5RE

Tot Ion: 98 Resp: 141866

Ion Ratio Lower Upper

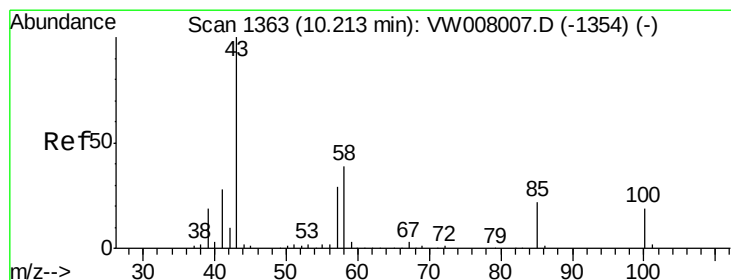
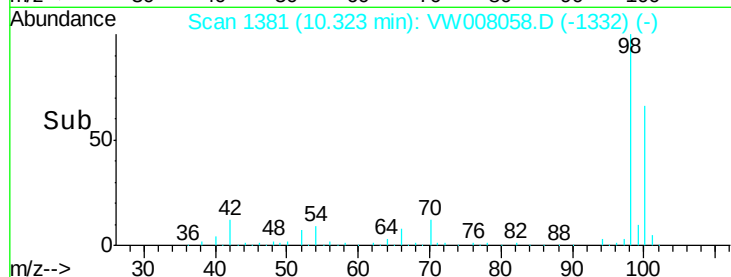
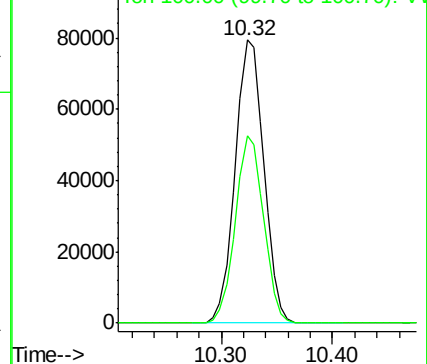
98 100

100 64.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.816 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW008058.D

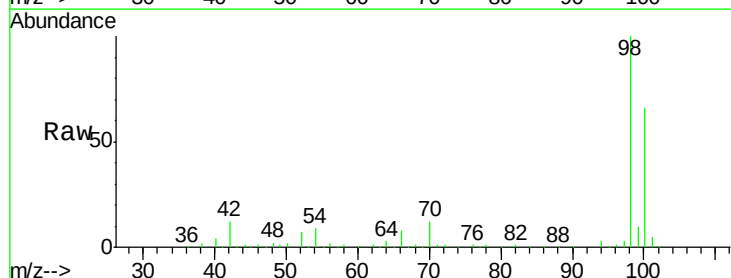
Acq: 04 Jan 2019 19:55

Tgt Ion: 43 Resp: 612

Ion Ratio Lower Upper

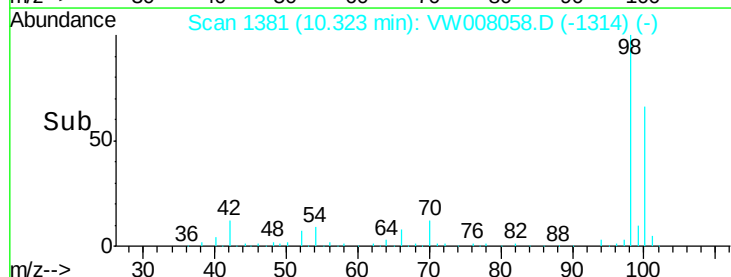
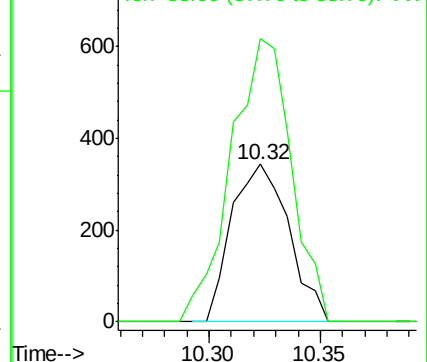
43 100

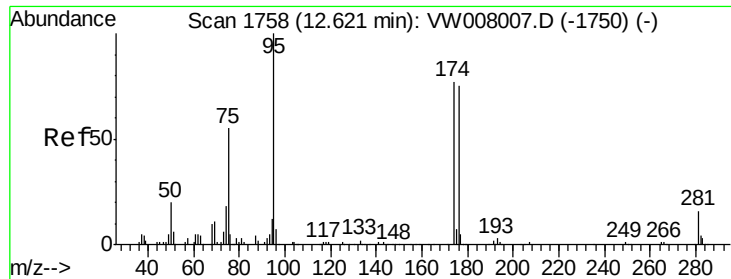
58 189.5 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

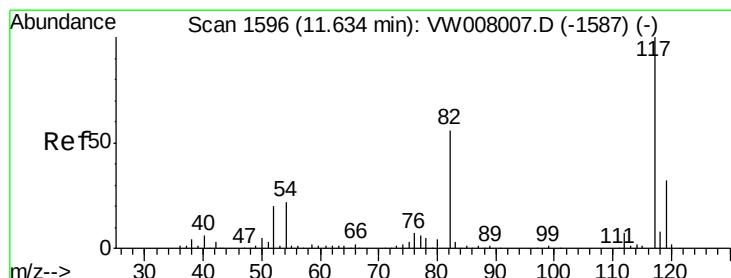
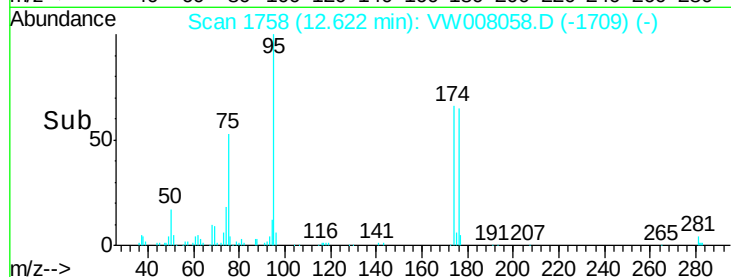
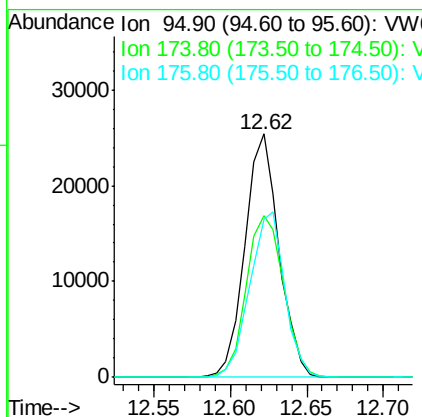
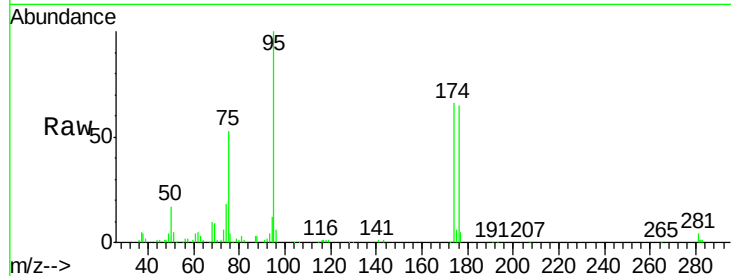




#62
4-Bromofluorobenzene
Concen: 35.144 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008058.D
Acq: 04 Jan 2019 19:55

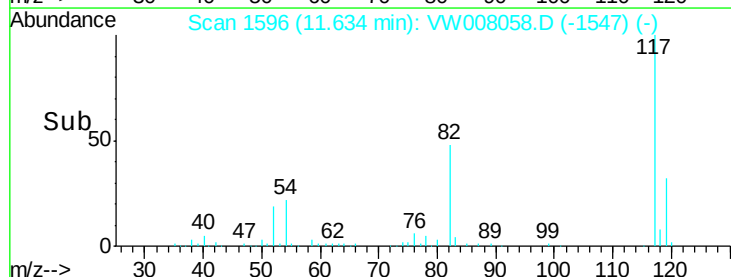
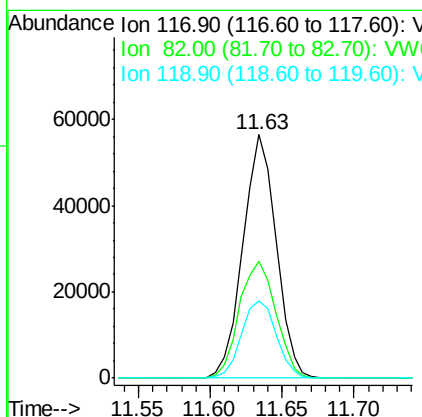
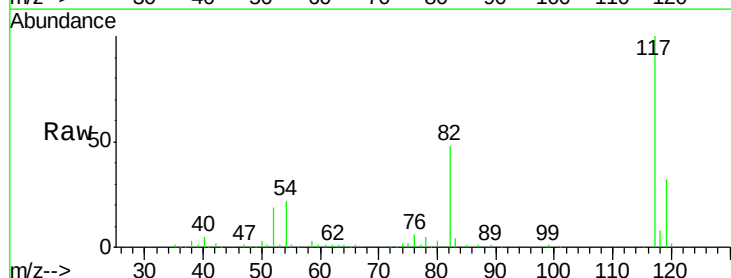
Instrument :
MSVOA_W
ClientSampleId :
TP-5RE

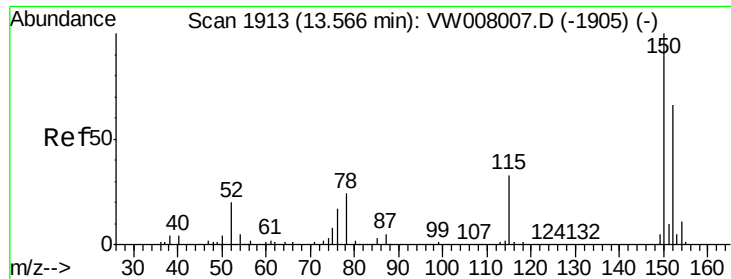
Tot Ion: 95 Resp: 39190
Ion Ratio Lower Upper
95 100
174 73.1 0.0 149.6
176 70.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008058.D
Acq: 04 Jan 2019 19:55

Tgt Ion: 117 Resp: 90164
Ion Ratio Lower Upper
117 100
82 48.1 44.8 67.2
119 31.6 25.6 38.4



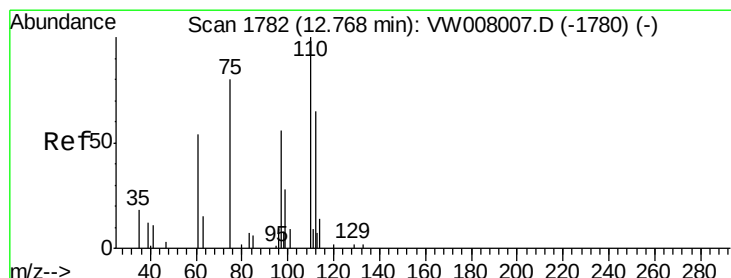
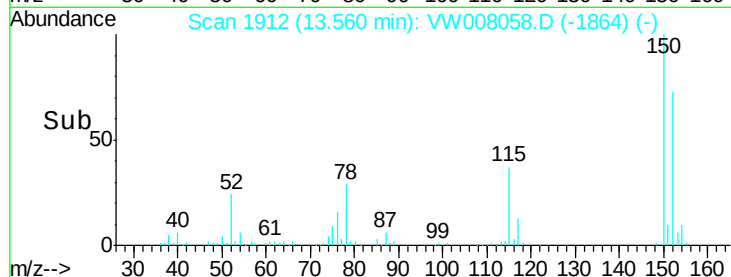
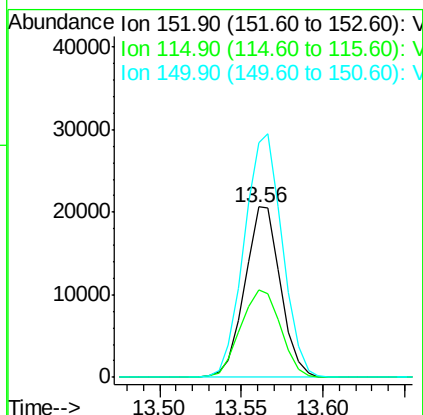
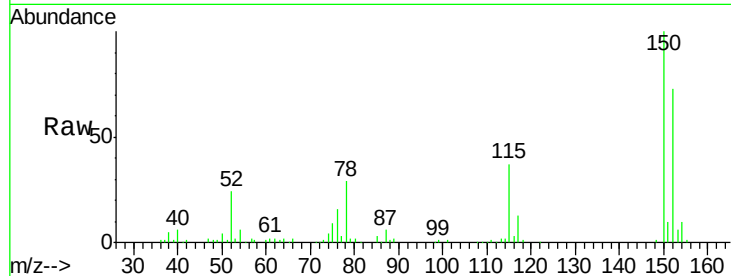


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008058.D
Acq: 04 Jan 2019 19:55

Instrument :
MSVOA_W
ClientSampleId :
TP-5RE

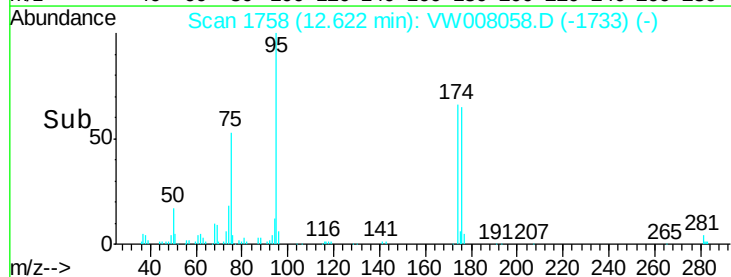
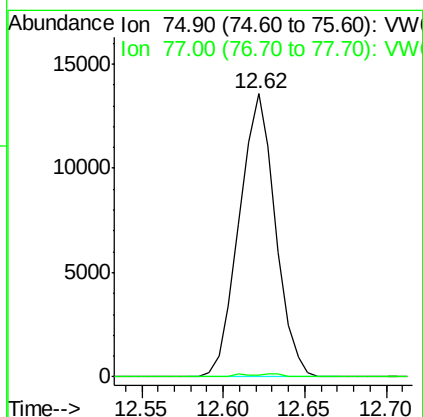
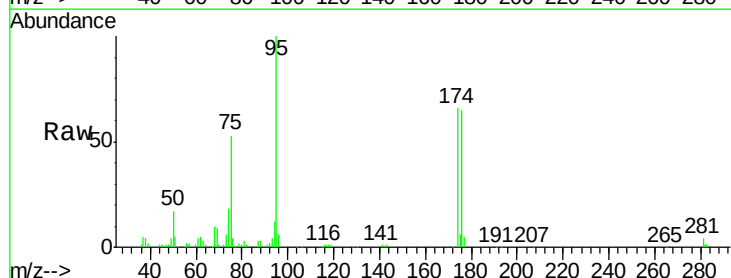
Tot Ion:152 Resp: 31466
Ion Ratio Lower Upper
152 100
115 57.4 32.1 96.5
150 151.5 0.0 345.0

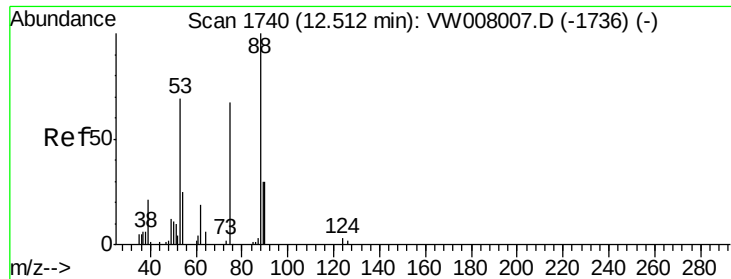


#76

1,2,3-Trichloropropane
Concen: 83.986 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008058.D
Acq: 04 Jan 2019 19:55

Tgt Ion: 75 Resp: 21024
Ion Ratio Lower Upper
75 100
77 1.0 186.2 558.6#

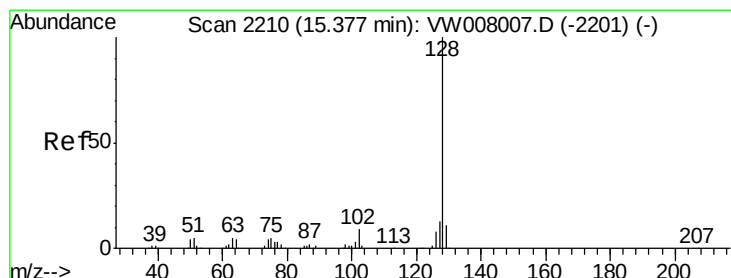
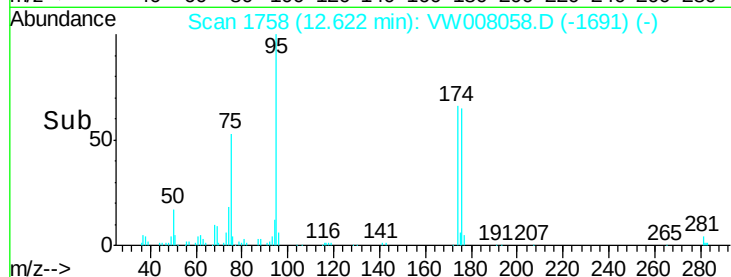
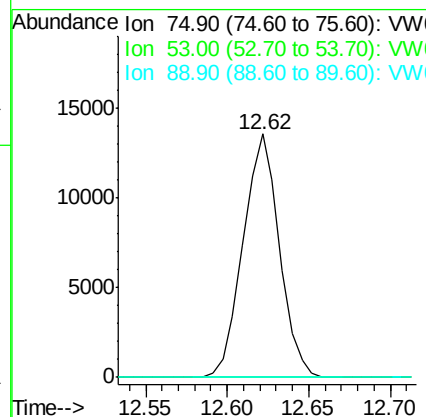
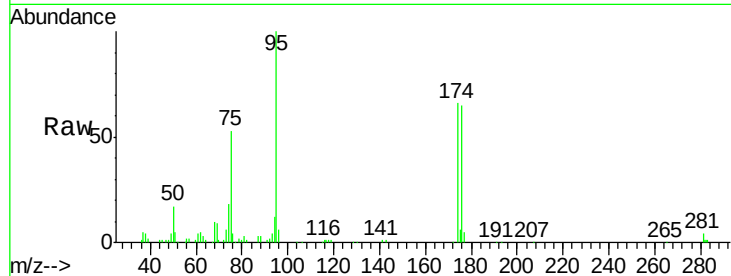




#81
trans-1,4-Dichloro-2-butene
Concen: 198.613 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW008058.D
Acq: 04 Jan 2019 19:55

Instrument :
MSVOA_W
ClientSampleId :
TP-5RE

Tot Ion: 75 Resp: 21024
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 42.2 63.2#



#95
Naphthalene
Concen: 1.249 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008058.D
Acq: 04 Jan 2019 19:55

Tgt Ion: 128 Resp: 1425
Ion Ratio Lower Upper
128 100
127 8.6 10.8 16.2#
129 6.1 8.8 13.2#

