

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008054.D
 Acq On : 04 Jan 2019 18:09
 Operator : SY/AP
 Sample : K1058-02RE
 Misc : 7.28G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5RE

Quant Time: Jan 05 00:41:02 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	72960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	119303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	92207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	30035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	42705	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
35) Dibromofluoromethane	7.88	113	37013	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.32	98	139212	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.62	95	39650	36.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.30%	

Target Compounds

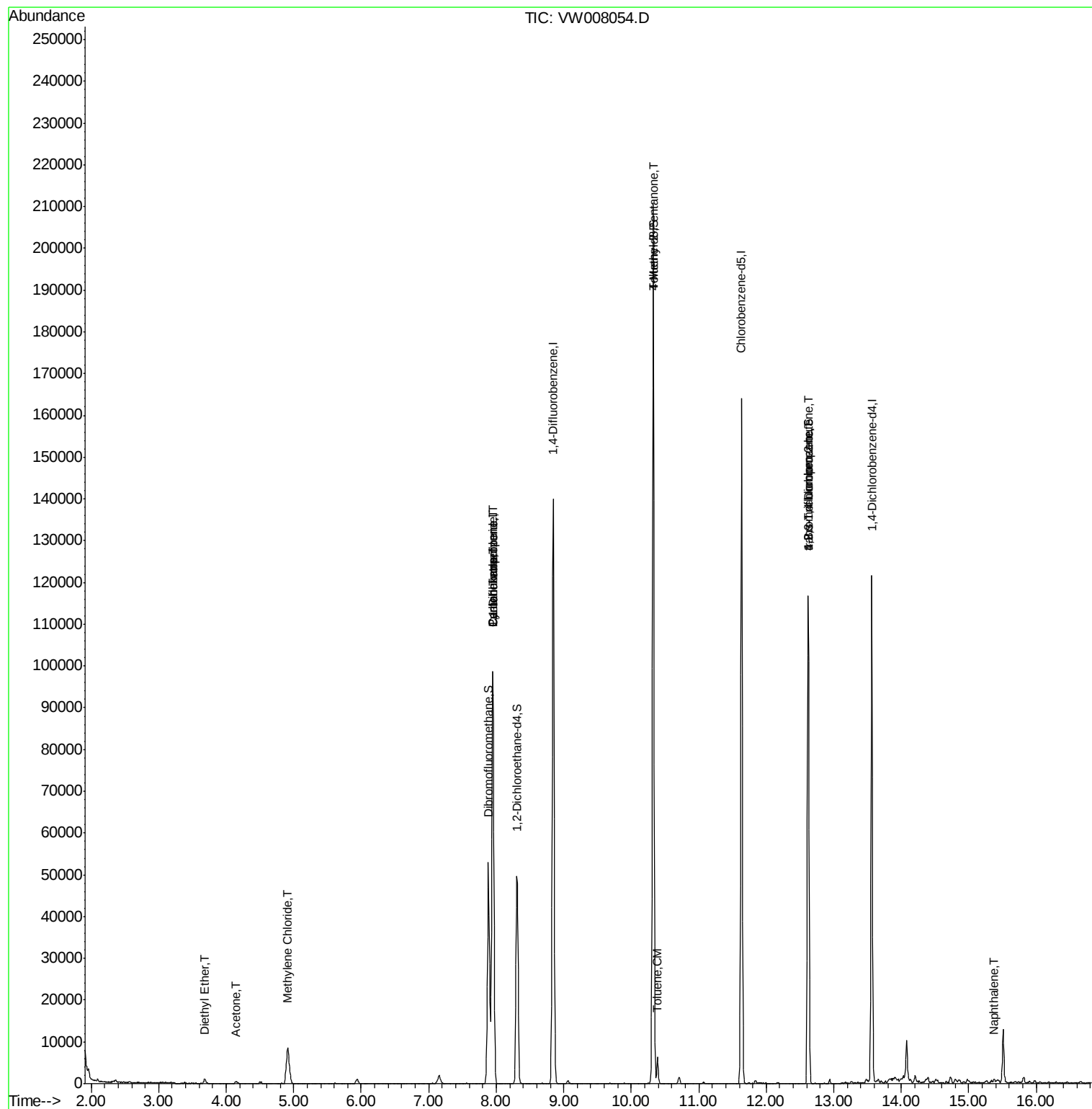
					Qvalue	
8) Diethyl Ether	3.68	74	538	1.627	ug/l	75
16) Acetone	4.15	43	1196	9.574	ug/l #	85
20) Methylene Chloride	4.92	84	6958	6.988	ug/l	97
31) Cyclohexane	7.95	56	1635	1.325	ug/l #	43
36) 1,1-Dichloropropene	7.95	75	6015	5.111	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8287	5.876	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	584	1.786	ug/l #	1
52) Toluene	10.39	92	2727	1.330	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	20677	86.535	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	20677	204.642	ug/l #	6
95) Naphthalene	15.37	128	1251	1.149	ug/l	97

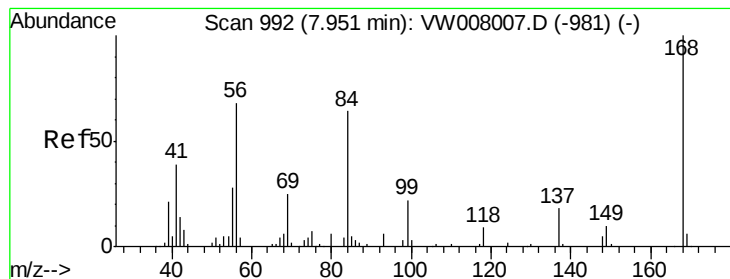
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010419\
Data File : VW008054.D
Acq On : 04 Jan 2019 18:09
Operator : SY/AP
Sample : K1058-02RE
Misc : 7.28G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-5RE

Quant Time: Jan 05 00:41:02 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: VW008054.D

Acq: 04 Jan 2019 18:09

Instrument :

MSVOA_W

ClientSampled :

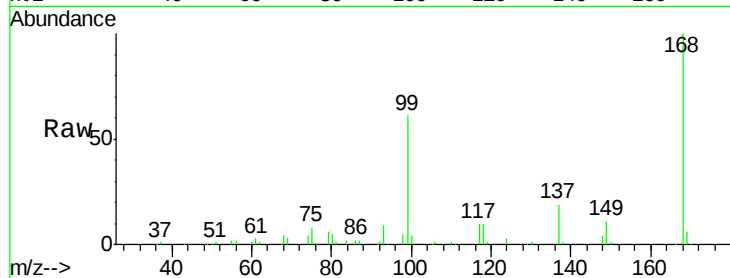
TP-5RE

Tot Ion:168 Resp: 72960

Ion Ratio Lower Upper

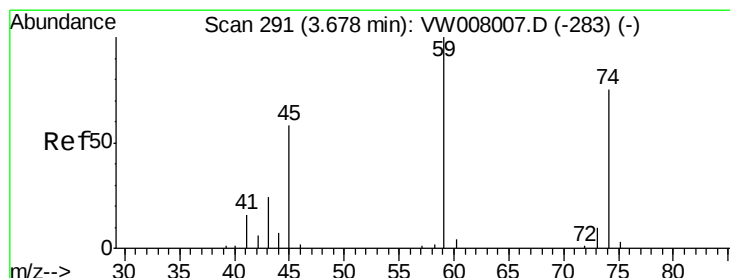
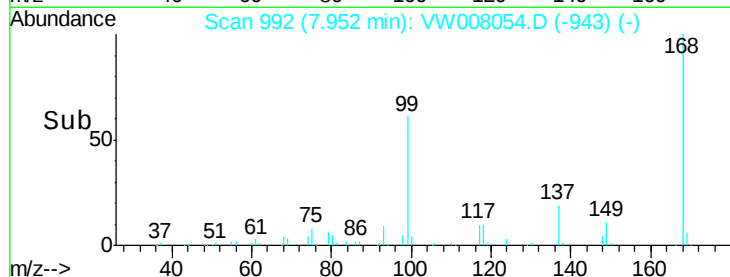
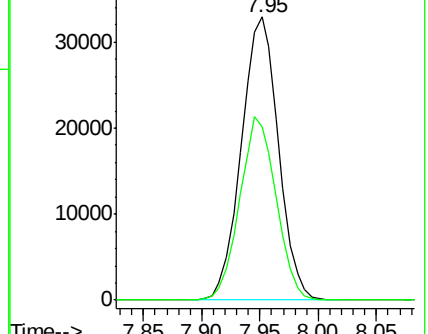
168 100

99 61.4 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: 1.627 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VW008054.D

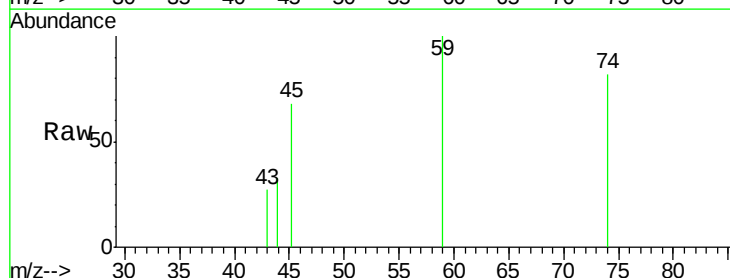
Acq: 04 Jan 2019 18:09

Tgt Ion: 74 Resp: 538

Ion Ratio Lower Upper

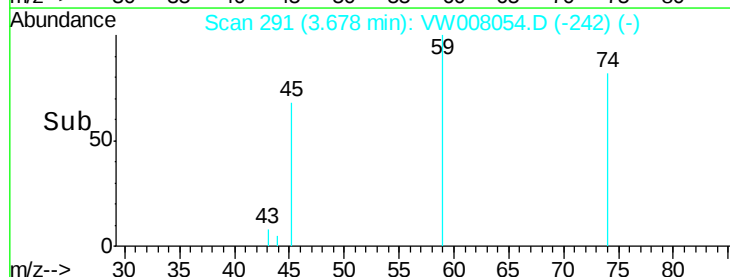
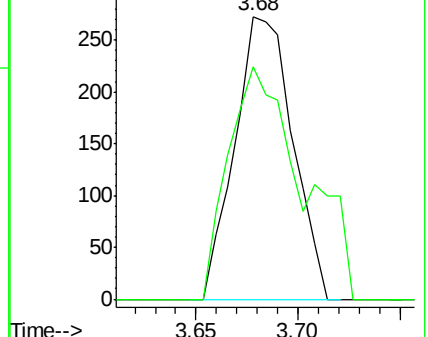
74 100

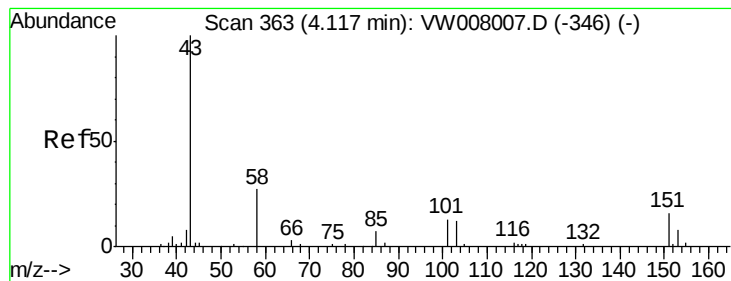
45 105.2 41.4 124.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 9.574 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW008054.D

Acq: 04 Jan 2019 18:09

Instrument :

MSVOA_W

ClientSampled :

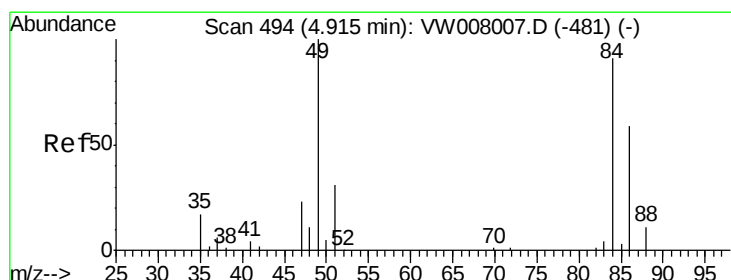
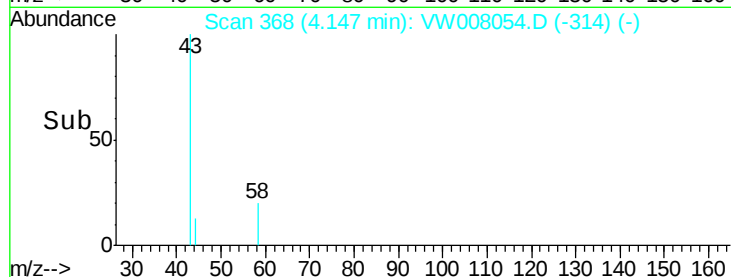
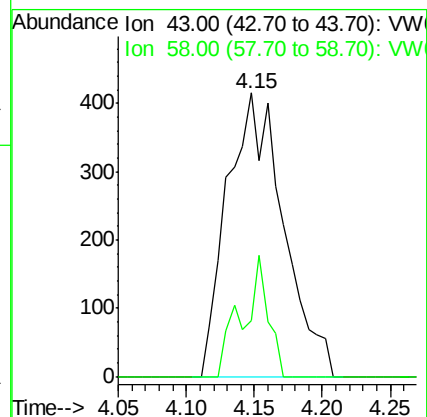
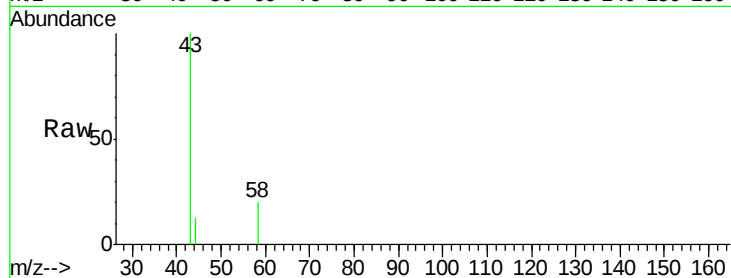
TP-5RE

Tot Ion: 43 Resp: 1196

Ion Ratio Lower Upper

43 100

58 19.5 21.7 32.5#



#20

Methylene Chloride

Concen: 6.988 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW008054.D

Acq: 04 Jan 2019 18:09

Tgt Ion: 84 Resp: 6958

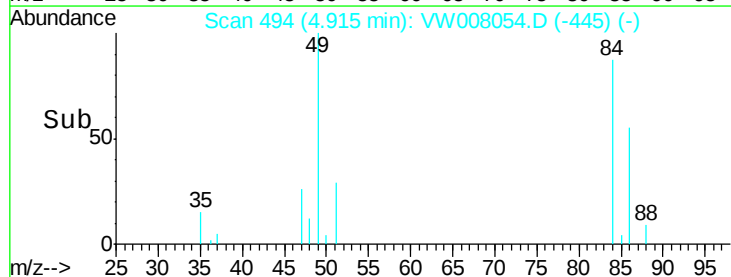
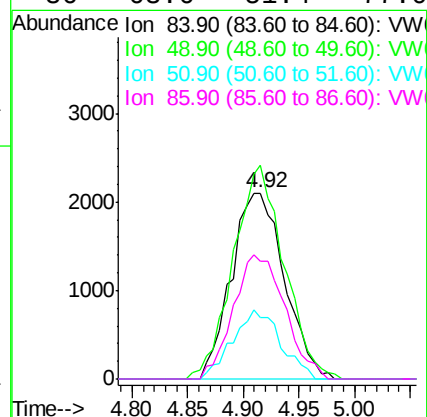
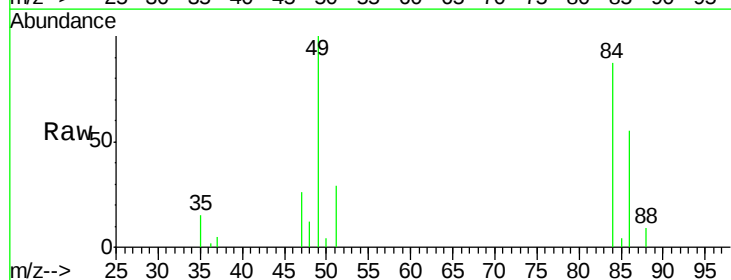
Ion Ratio Lower Upper

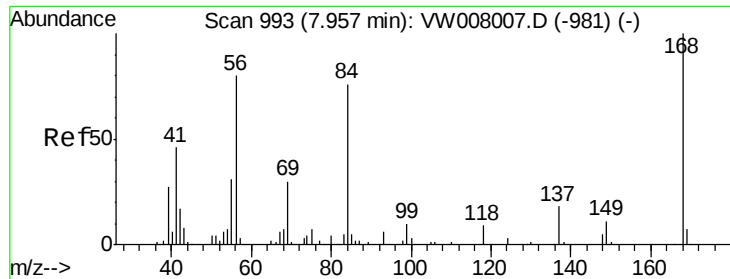
84 100

49 115.0 87.7 131.5

51 33.2 27.3 40.9

86 63.6 51.4 77.0

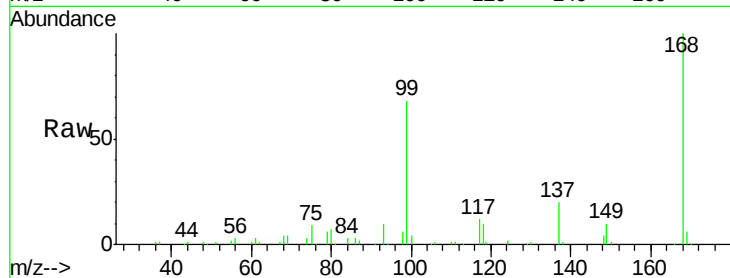




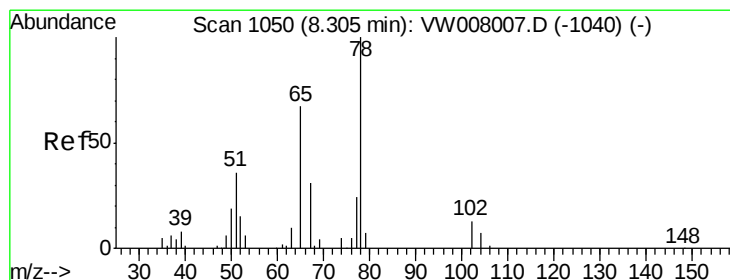
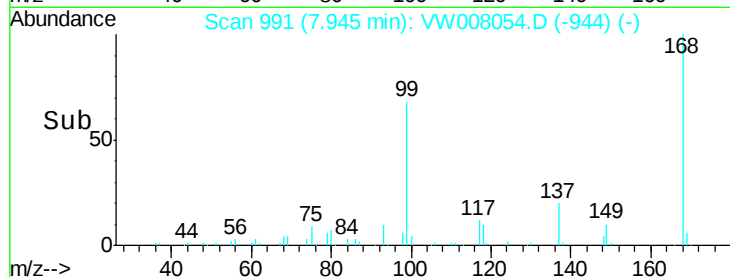
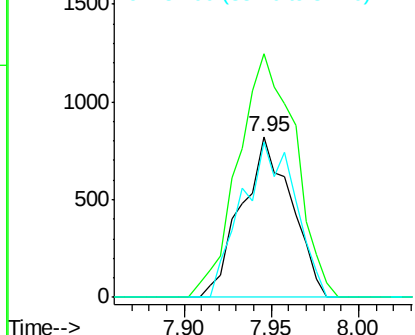
#31
Cyclohexane
Concen: 1.325 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008054.D
Acq: 04 Jan 2019 18:09

Instrument :
MSVOA_W
ClientSampled :
TP-5RE

Tot Ion: 56 Resp: 1635
Ion Ratio Lower Upper
56 100
69 151.6 29.8 44.6#
84 97.1 75.2 112.8

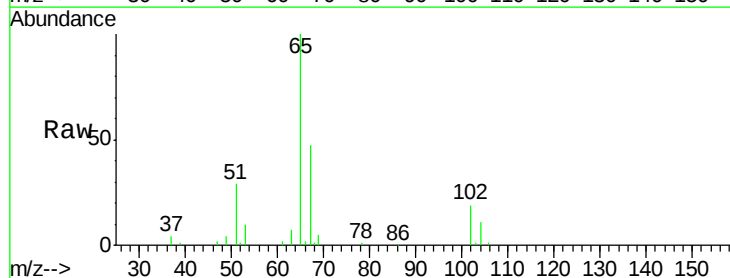


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

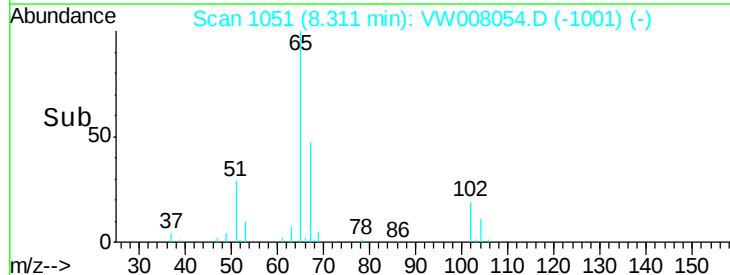
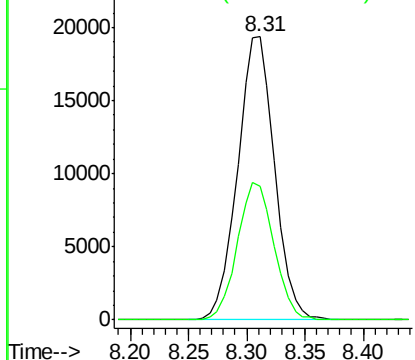


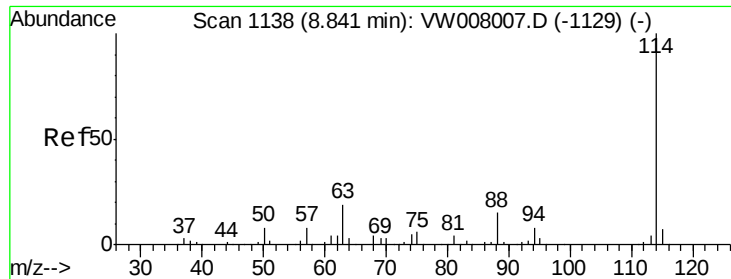
#33
1,2-Dichloroethane-d4
Concen: 52.919 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VW008054.D
Acq: 04 Jan 2019 18:09

Tgt Ion: 65 Resp: 42705
Ion Ratio Lower Upper
65 100
67 48.1 0.0 94.8



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

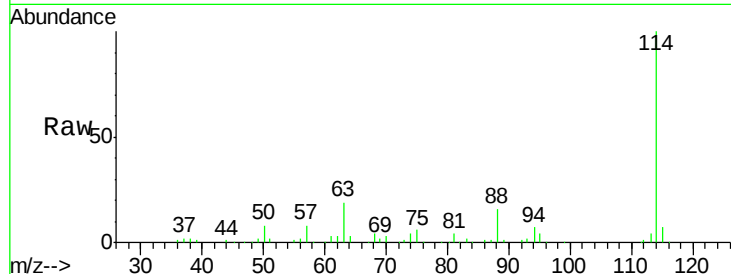




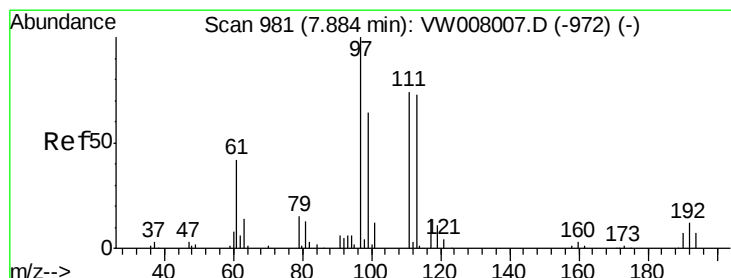
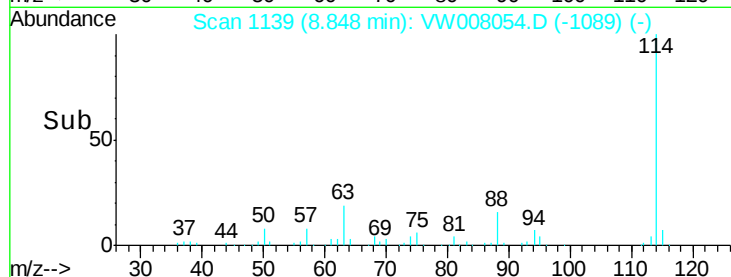
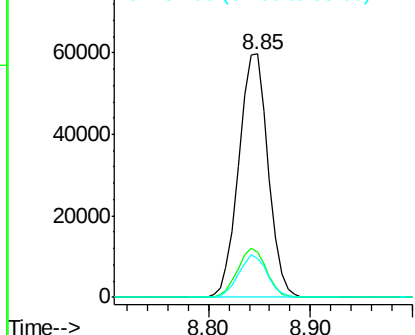
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW008054.D
 Acq: 04 Jan 2019 18:09

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5RE

Tot Ion:114 Resp: 119303
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.8
 88 16.0 0.0 31.0

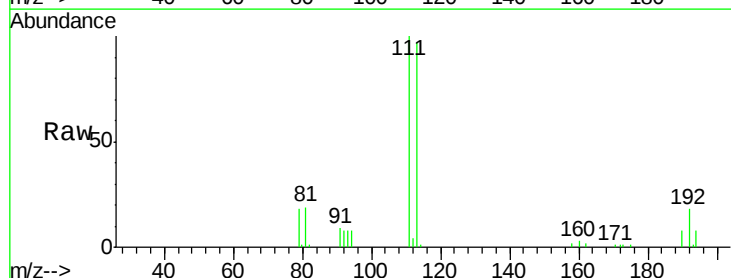


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

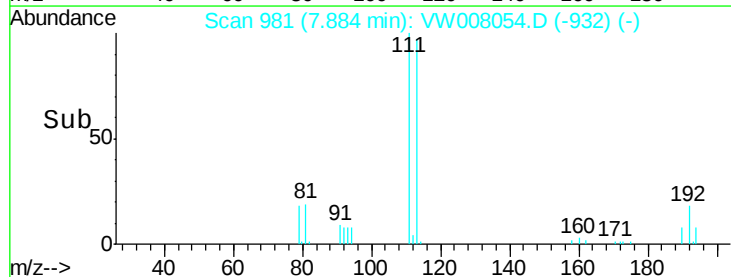
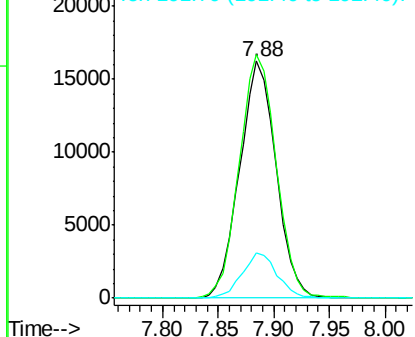


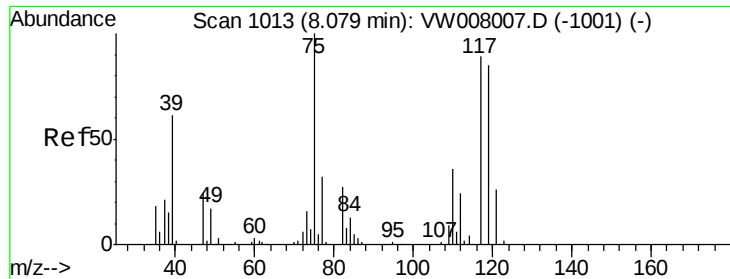
#35
 Dibromofluoromethane
 Concen: 49.213 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008054.D
 Acq: 04 Jan 2019 18:09

Tgt Ion:113 Resp: 37013
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.4 122.0
 192 18.2 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

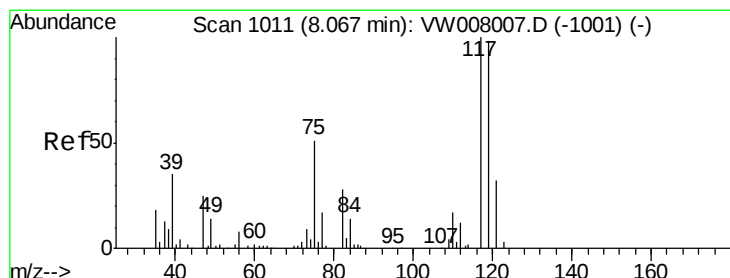
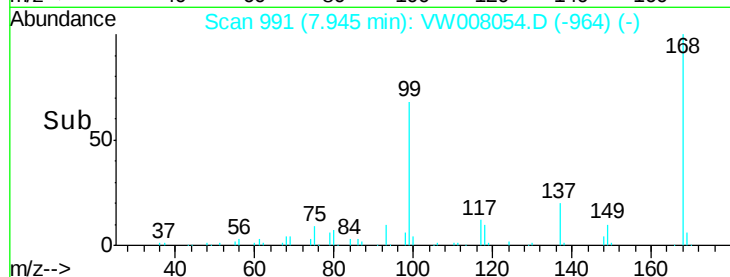
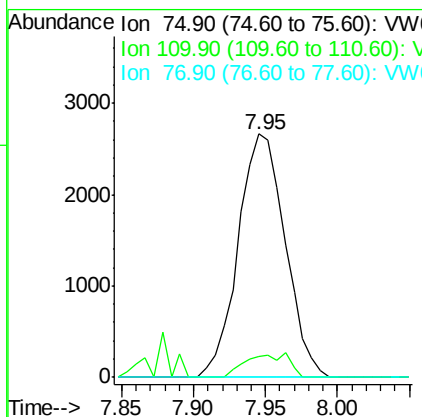
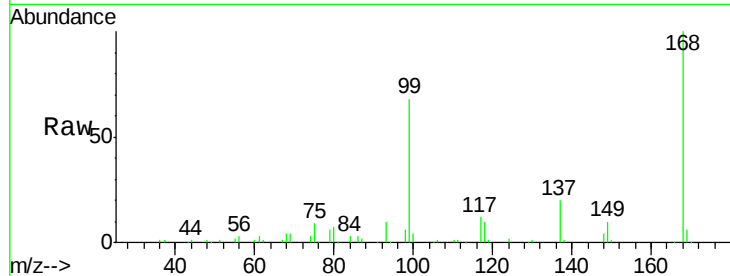




#36
 1,1-Dichloropropene
 Concen: 5.111 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008054.D
 Acq: 04 Jan 2019 18:09

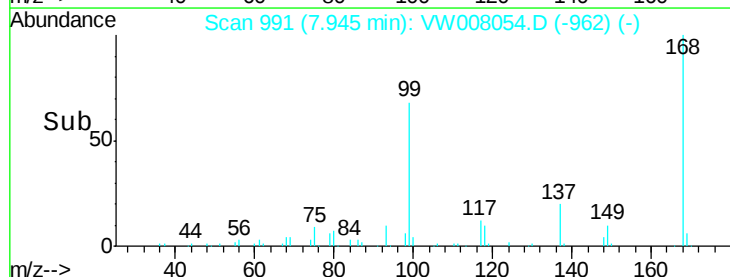
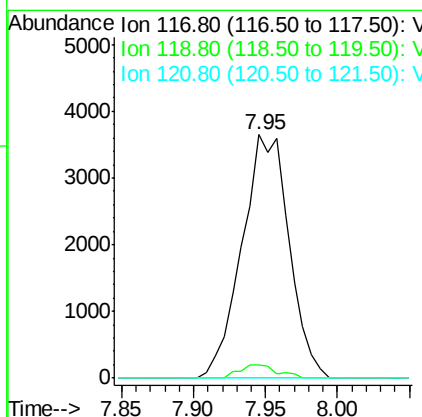
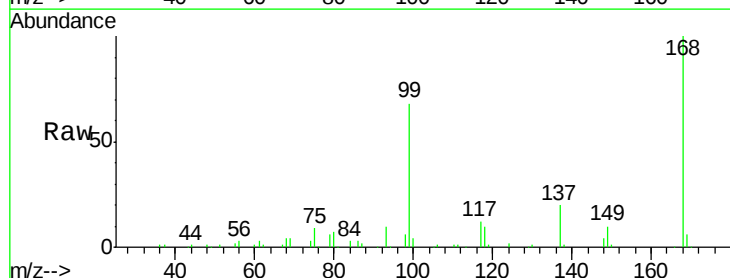
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5RE

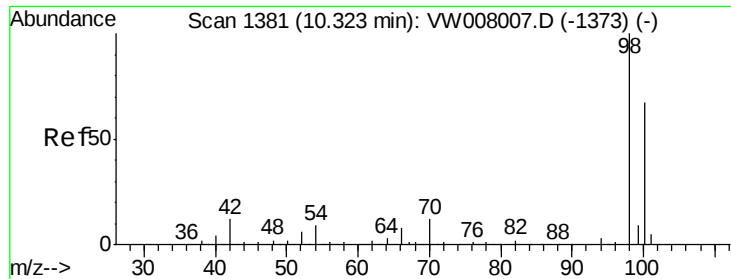
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 5.876 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008054.D
 Acq: 04 Jan 2019 18:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.7	118.1#
121	0.0	25.8	38.8#





#50

Toluene-d8

Concen: 49.344 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008054.D

Acq: 04 Jan 2019 18:09

Instrument :

MSVOA_W

ClientSampled :

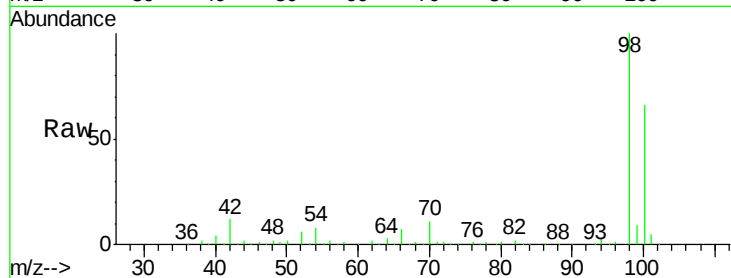
TP-5RE

Tot Ion: 98 Resp: 139212

Ion Ratio Lower Upper

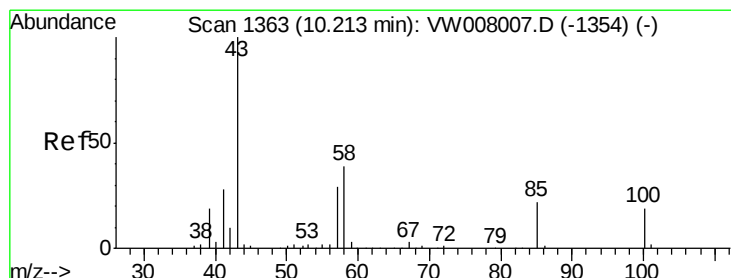
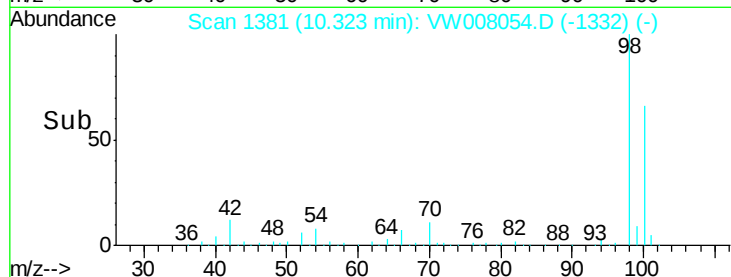
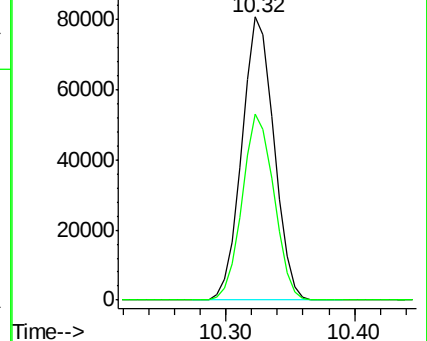
98 100

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: 1.786 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW008054.D

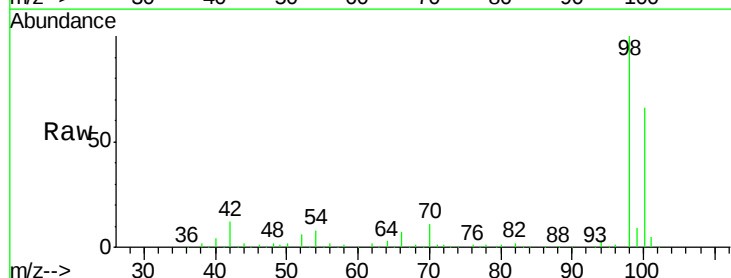
Acq: 04 Jan 2019 18:09

Tgt Ion: 43 Resp: 584

Ion Ratio Lower Upper

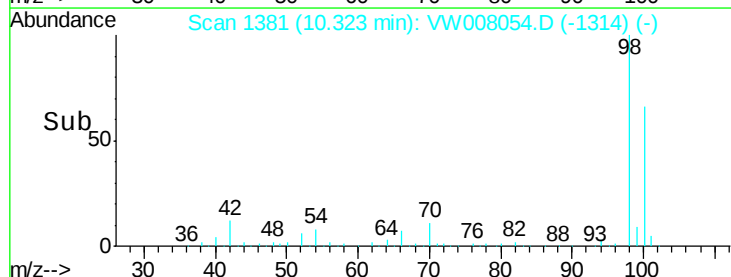
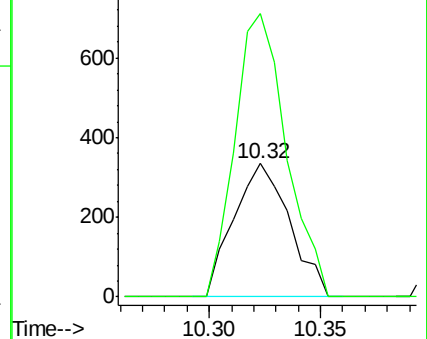
43 100

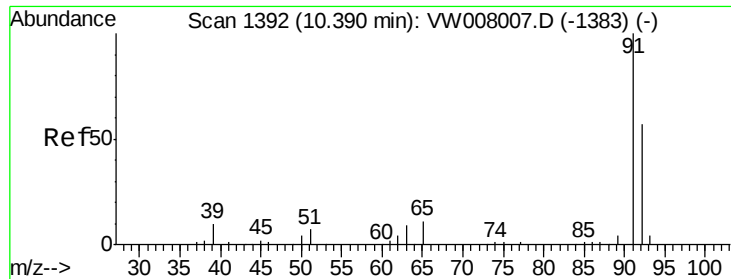
58 196.1 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 1.330 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008054.D

Acq: 04 Jan 2019 18:09

Instrument :

MSVOA_W

ClientSampled :

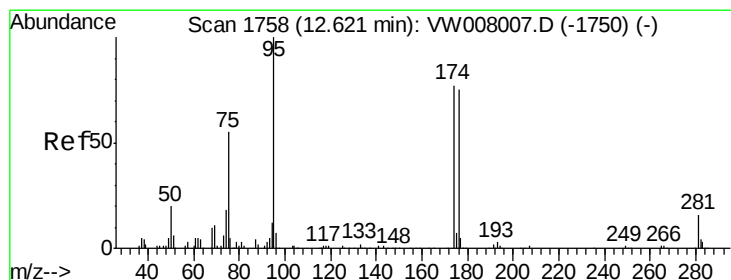
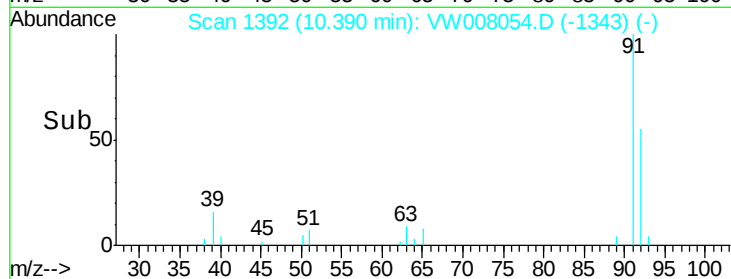
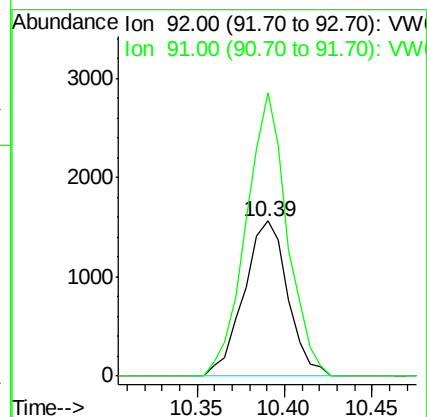
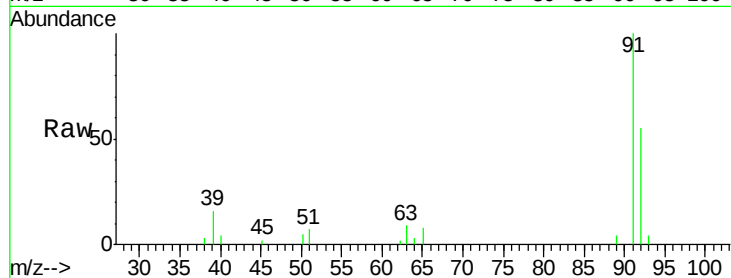
TP-5RE

Tot Ion: 92 Resp: 2727

Ion Ratio Lower Upper

92 100

91 171.1 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 36.646 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008054.D

Acq: 04 Jan 2019 18:09

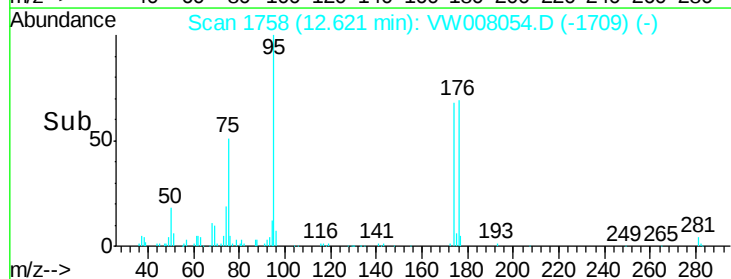
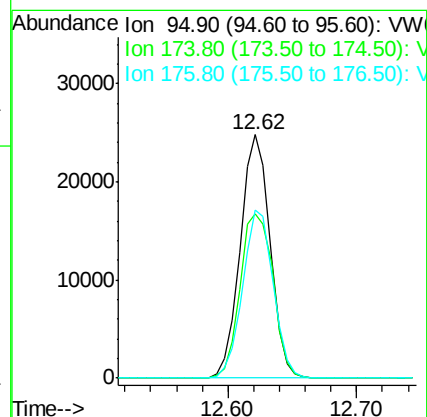
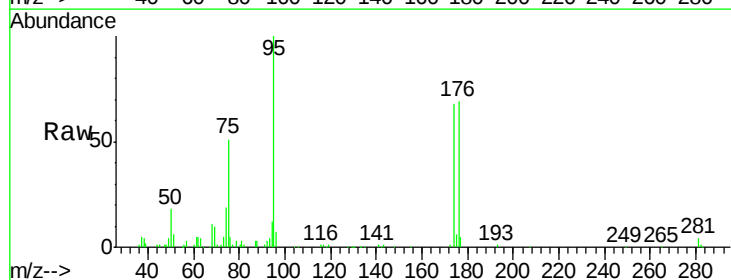
Tgt Ion: 95 Resp: 39650

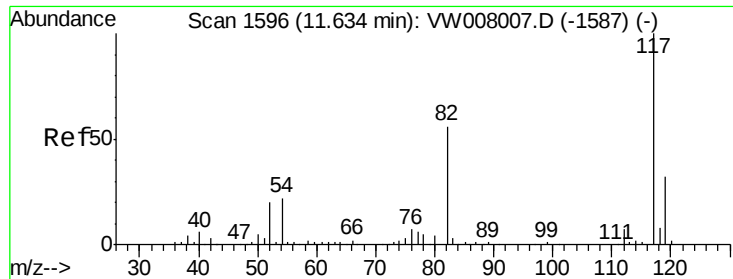
Ion Ratio Lower Upper

95 100

174 74.7 0.0 149.6

176 70.7 0.0 145.4

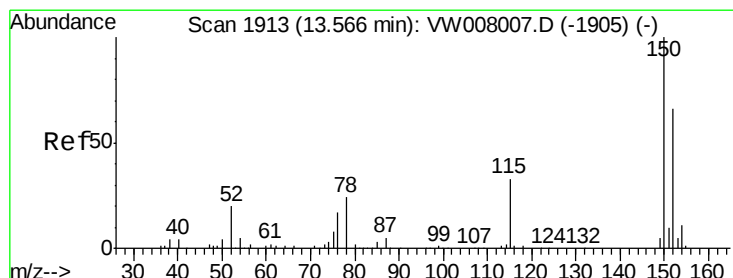
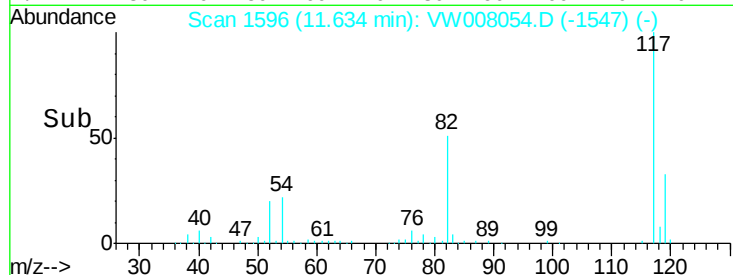
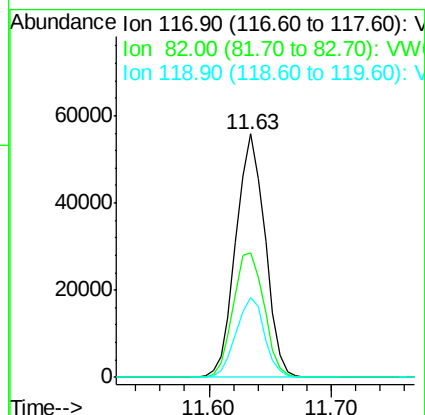
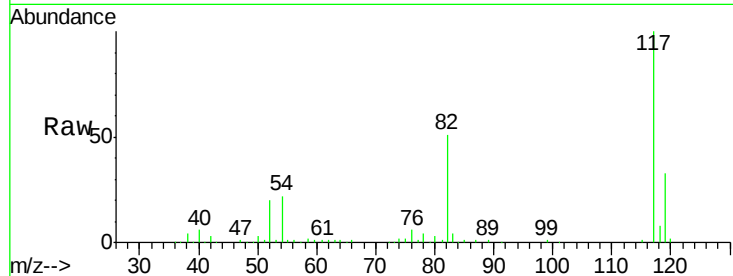




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008054.D
Acq: 04 Jan 2019 18:09

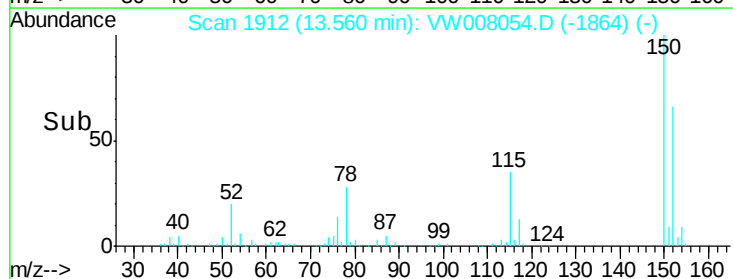
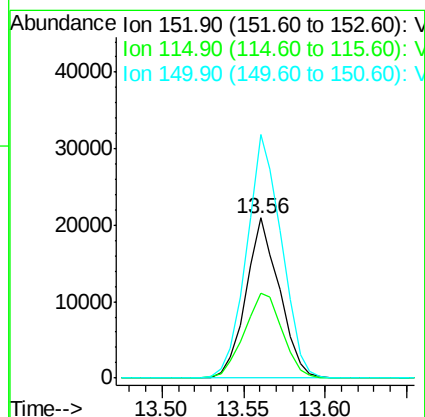
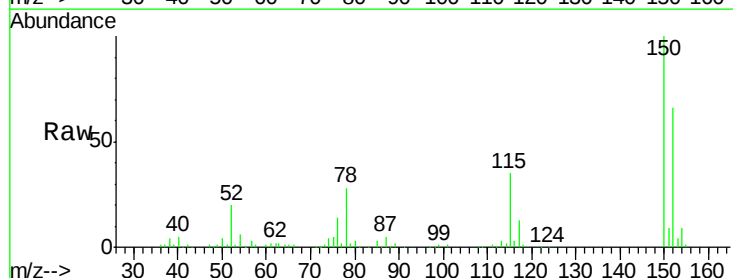
Instrument :
MSVOA_W
ClientSampled :
TP-5RE

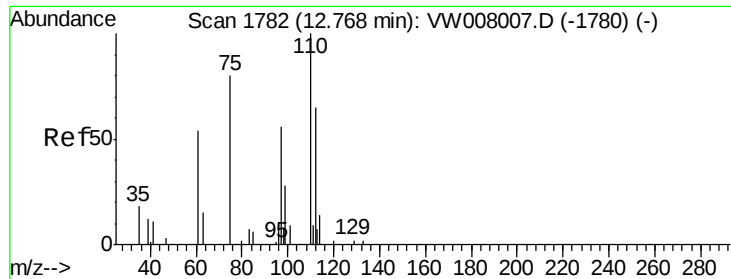
Tot Ion:117 Resp: 92207
Ion Ratio Lower Upper
117 100
82 51.1 44.8 67.2
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008054.D
Acq: 04 Jan 2019 18:09

Tgt Ion:152 Resp: 30035
Ion Ratio Lower Upper
152 100
115 60.5 32.1 96.5
150 158.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 86.535 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008054.D

Acq: 04 Jan 2019 18:09

Instrument :

MSVOA_W

ClientSampled :

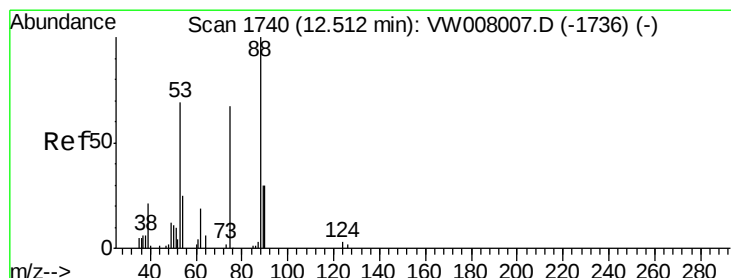
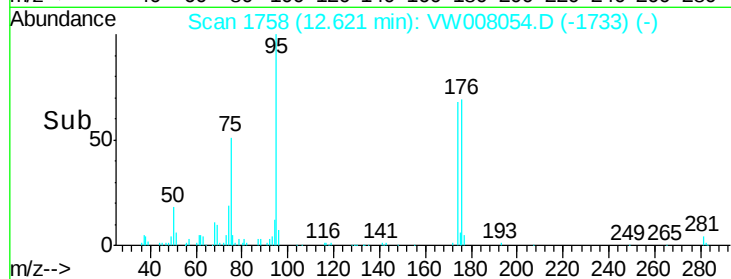
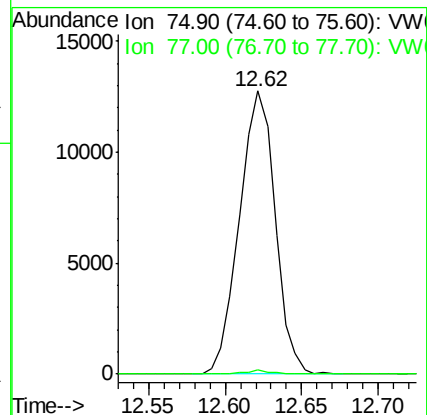
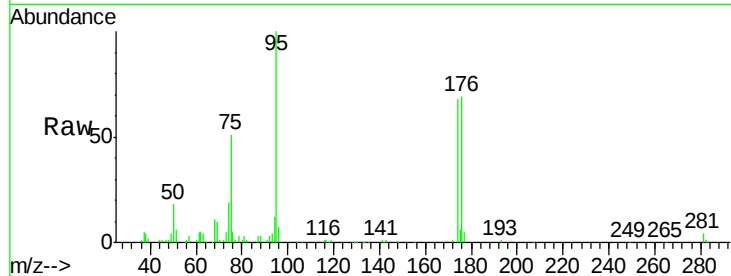
TP-5RE

Tot Ion: 75 Resp: 20677

Ion Ratio Lower Upper

75 100

77 1.0 186.2 558.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 204.642 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008054.D

Acq: 04 Jan 2019 18:09

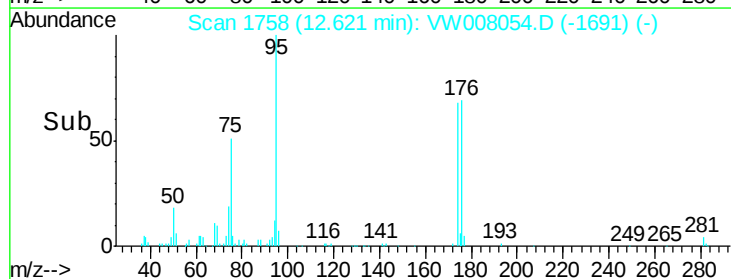
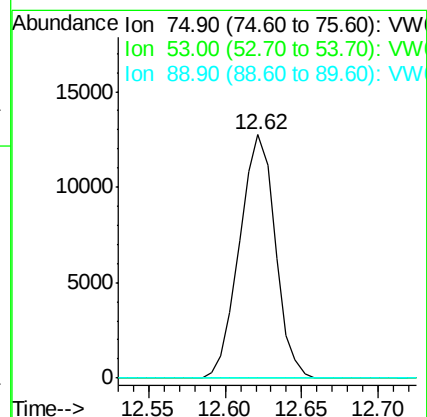
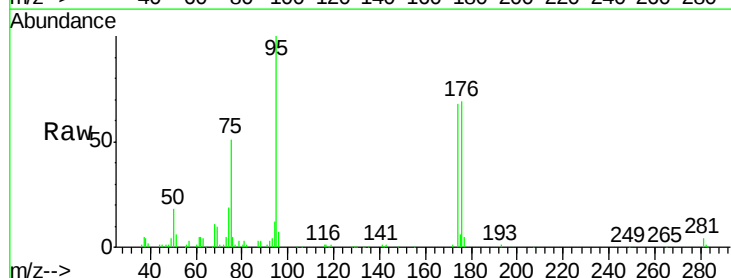
Tgt Ion: 75 Resp: 20677

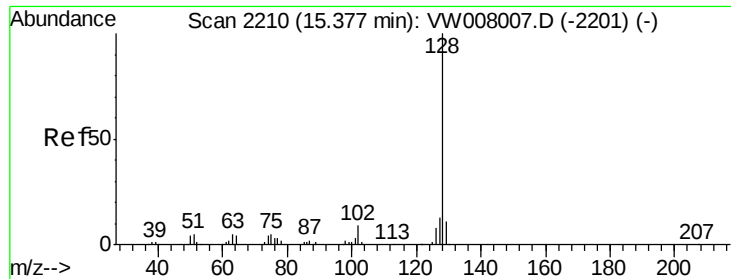
Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.0 42.2 63.2#





#95
 Naphthalene
 Concen: 1.149 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW008054.D
 Acq: 04 Jan 2019 18:09

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.8	16.2
129	11.8	8.8	13.2

