

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
 Data File : VW009093.D
 Acq On : 11 Mar 2019 18:12
 Operator : SY/VA
 Sample : K1807-15
 Misc : 5.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8RE

Quant Time: Mar 12 08:13:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	284376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	456833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	424505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	200382	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	178666	62.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.90%	
35) Dibromofluoromethane	7.88	113	145629	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
50) Toluene-d8	10.32	98	556829	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.62	95	189349	42.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.16%	

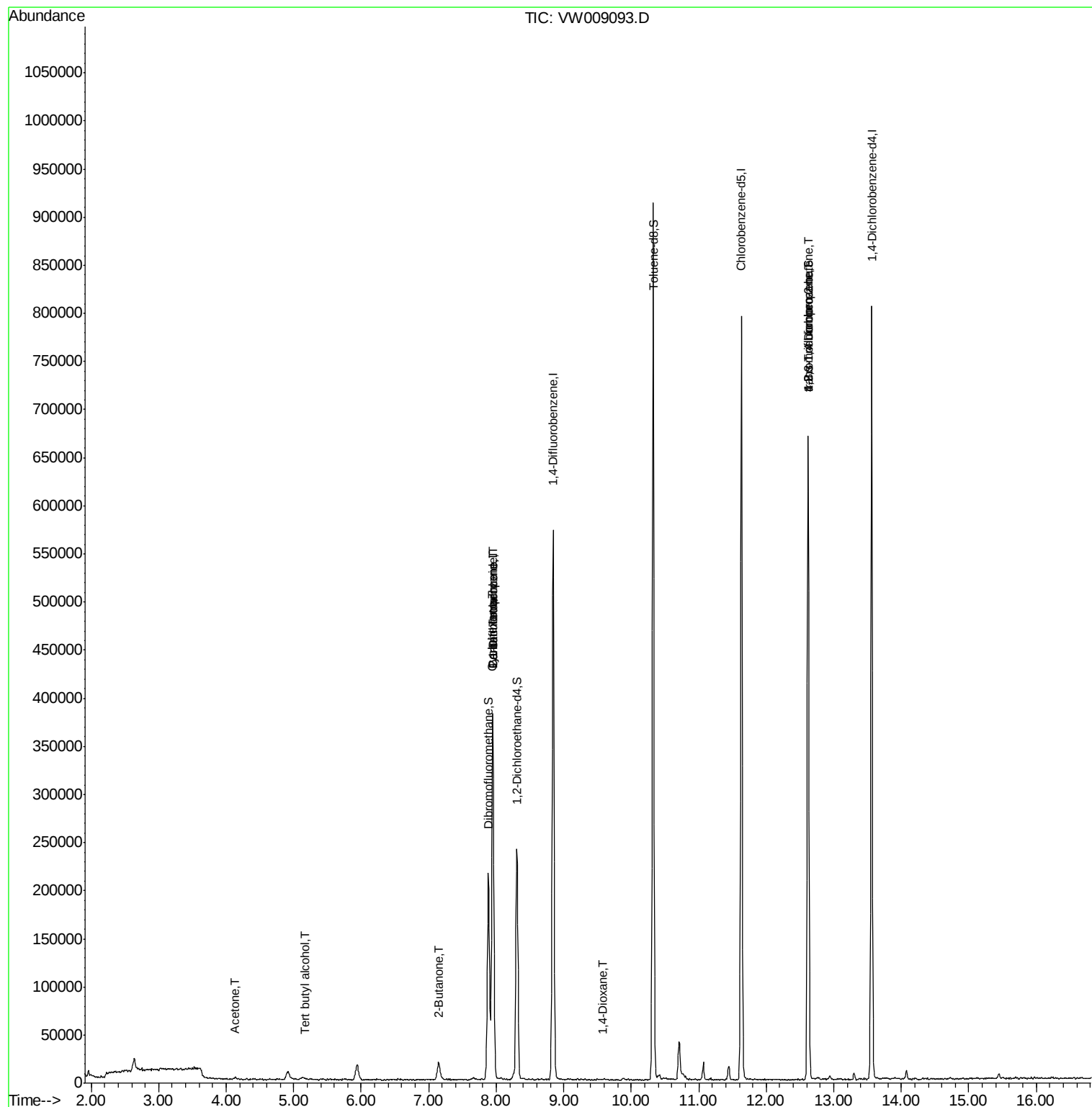
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	258	1.177	ug/l #	76
16) Acetone	4.13	43	2825	4.376	ug/l #	70
20) Methylene Chloride	4.92	84	6775	Below Cal		96
25) 2-Butanone	7.15	43	1126	1.262	ug/l	99
31) Cyclohexane	7.94	56	7166	1.343	ug/l #	43
36) 1,1-Dichloropropene	7.95	75	22074	4.621	ug/l #	51
38) Carbon Tetrachloride	7.95	117	28571	5.792	ug/l #	17
49) 1,4-Dioxane	9.57	88	58	2.322	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	103217	65.196	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	103217	145.826	ug/l #	5

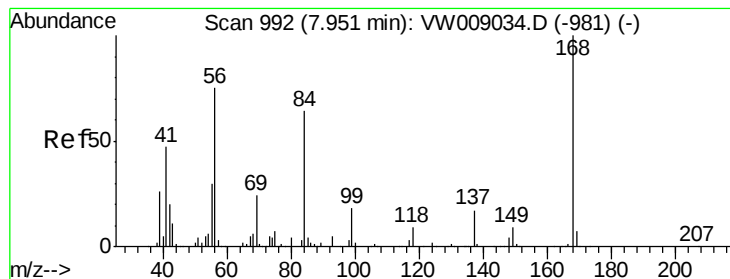
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
Data File : VW009093.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 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: VW009093.D

Acq: 11 Mar 2019 18:12

Instrument :

MSVOA_W

ClientSampleId :

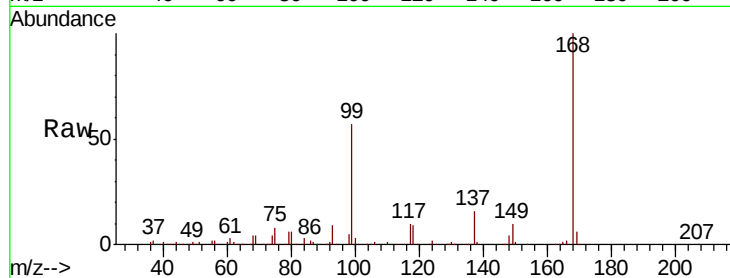
TP-8RE

Tgt Ion:168 Resp: 284376

Ion Ratio Lower Upper

168 100

99 57.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

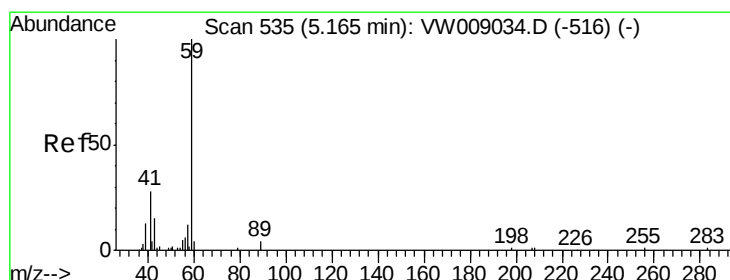
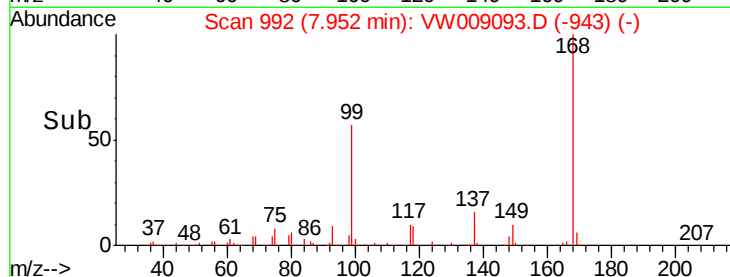
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.177 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW009093.D

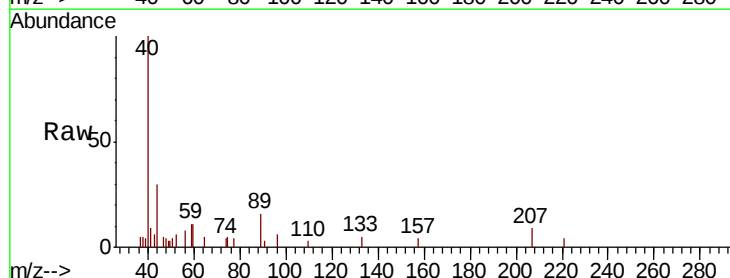
Acq: 11 Mar 2019 18:12

Tgt Ion: 59 Resp: 258

Ion Ratio Lower Upper

59 100

57 19.8 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

400

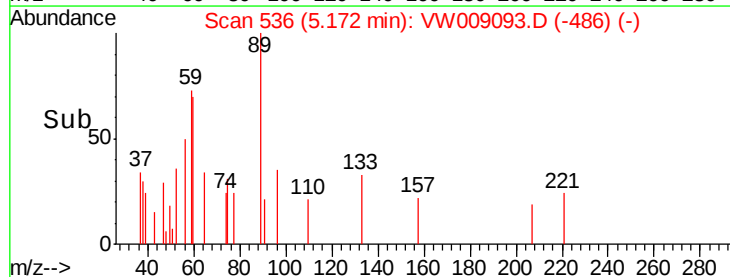
300

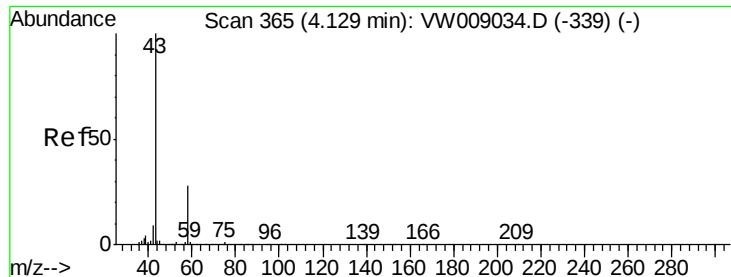
200

100

0

Time-->





#16

Acetone

Concen: 4.376 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW009093.D

Acq: 11 Mar 2019 18:12

Instrument :

MSVOA_W

ClientSampleId :

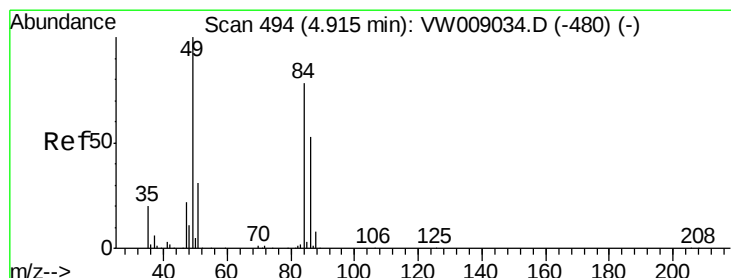
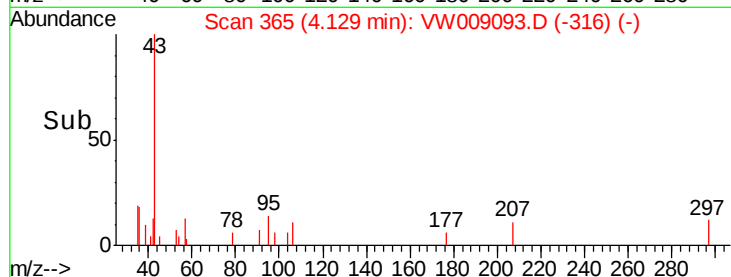
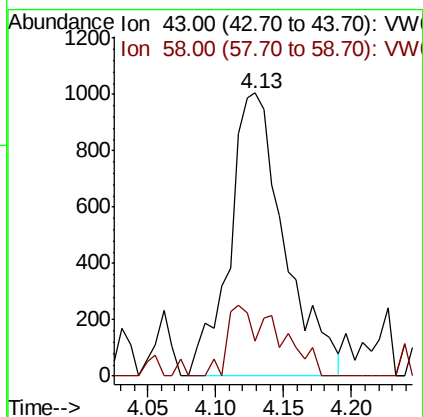
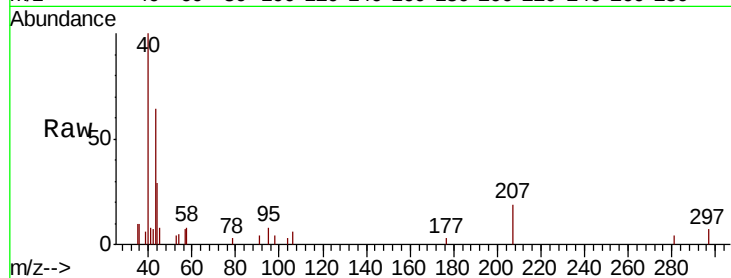
TP-8RE

Tgt Ion: 43 Resp: 2825

Ion Ratio Lower Upper

43 100

58 12.3 22.5 33.7#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009093.D

Acq: 11 Mar 2019 18:12

Tgt Ion: 84 Resp: 6775

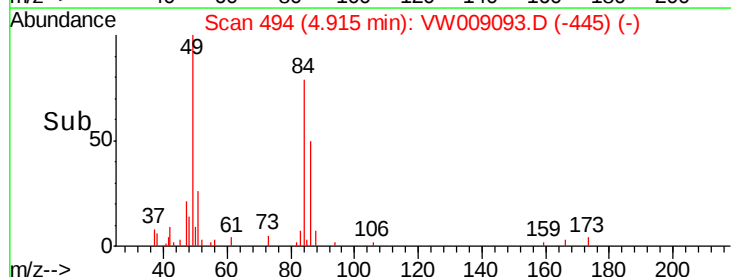
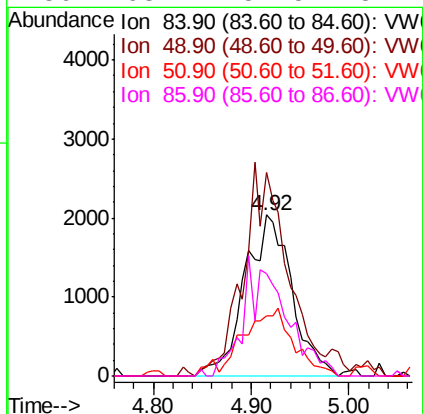
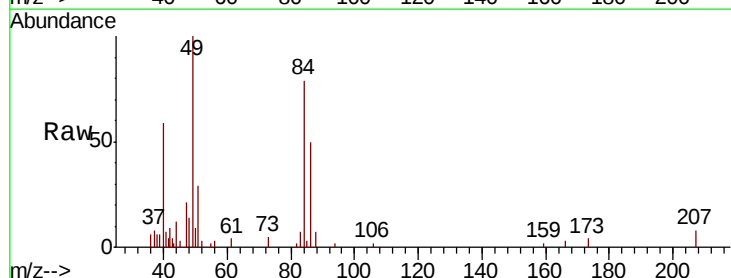
Ion Ratio Lower Upper

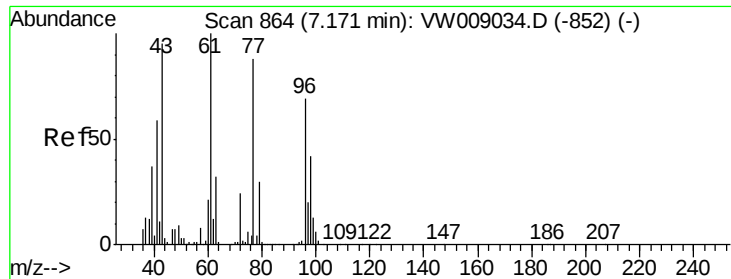
84 100

49 123.7 102.4 153.6

51 37.0 31.6 47.4

86 63.4 54.5 81.7





#25

2-Butanone

Concen: 1.262 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW009093.D

Acq: 11 Mar 2019 18:12

Instrument :

MSVOA_W

ClientSampled :

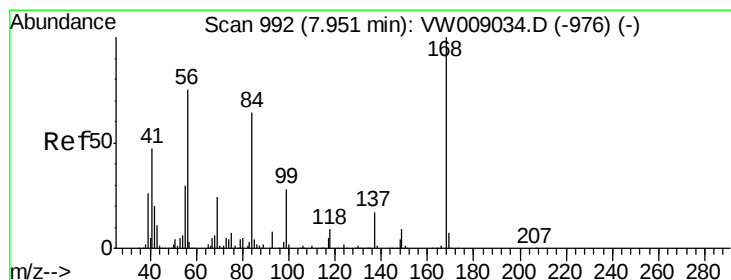
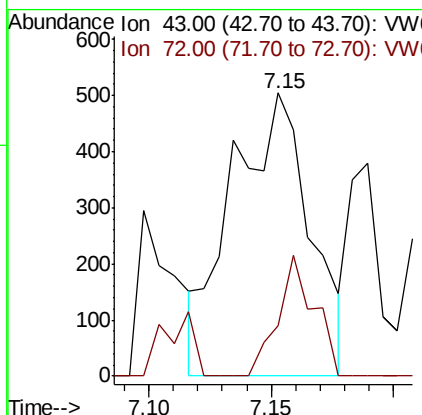
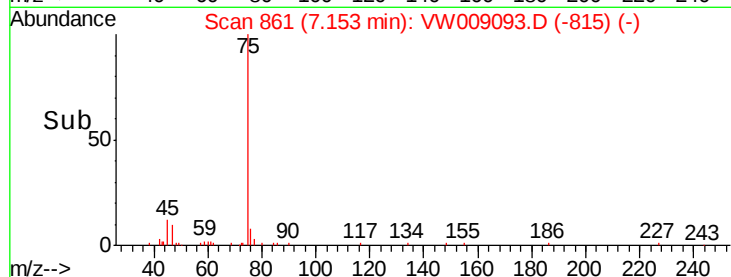
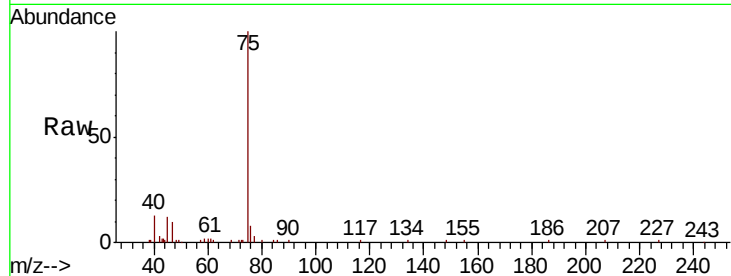
TP-8RE

Tgt Ion: 43 Resp: 1126

Ion Ratio Lower Upper

43 100

72 25.3 20.0 30.0



#31

Cyclohexane

Concen: 1.343 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW009093.D

Acq: 11 Mar 2019 18:12

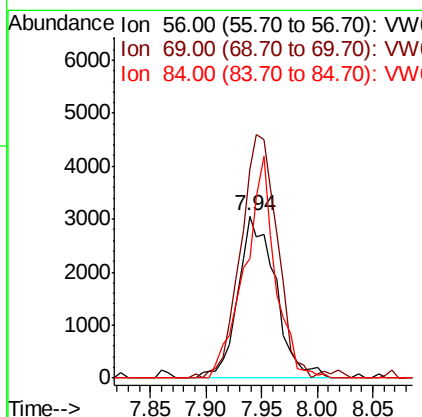
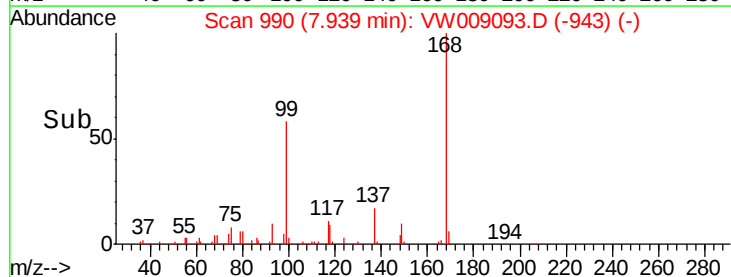
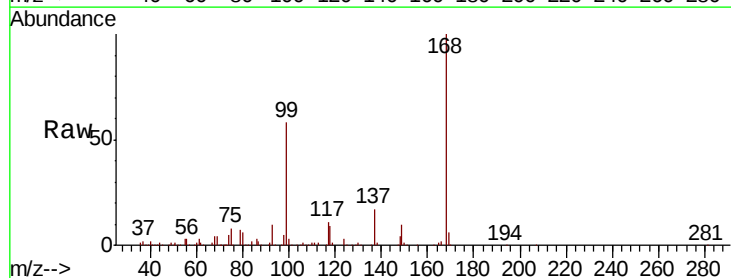
Tgt Ion: 56 Resp: 7166

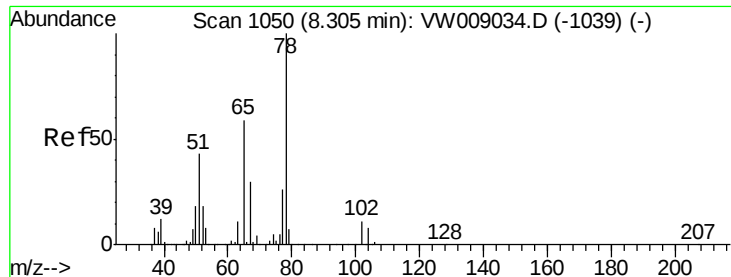
Ion Ratio Lower Upper

56 100

69 128.7 25.5 38.3#

84 73.5 68.6 103.0

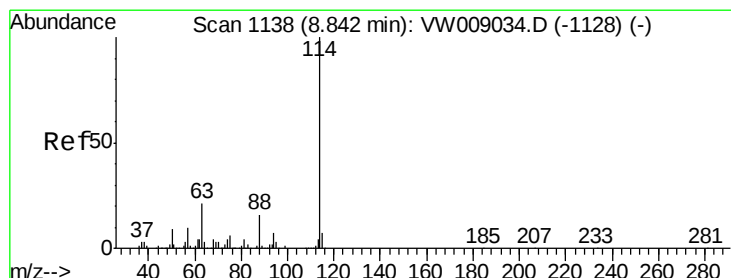
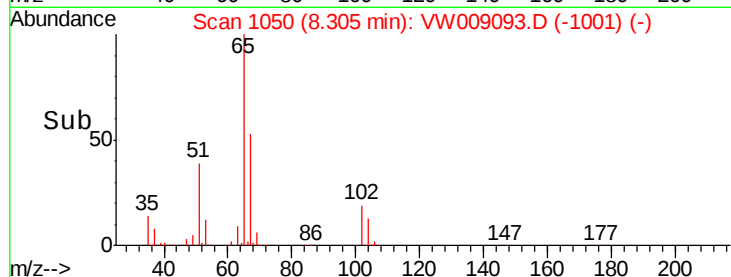
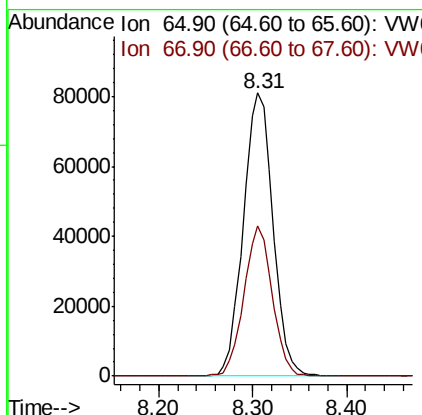
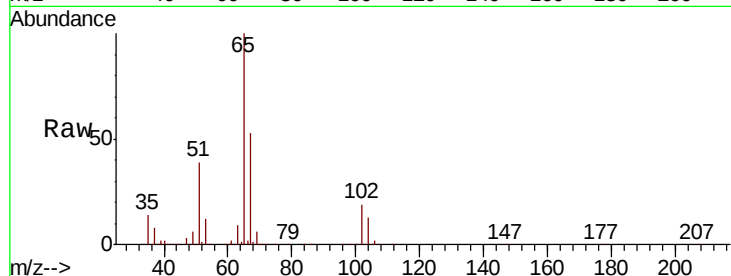




#33
 1,2-Dichloroethane-d4
 Concen: 62.447 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009093.D
 Acq: 11 Mar 2019 18:12

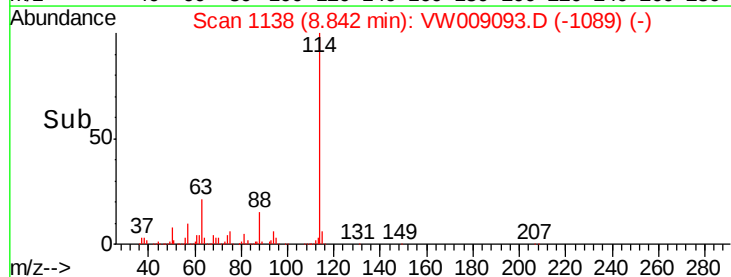
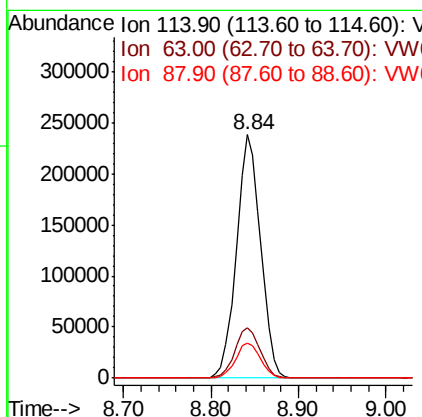
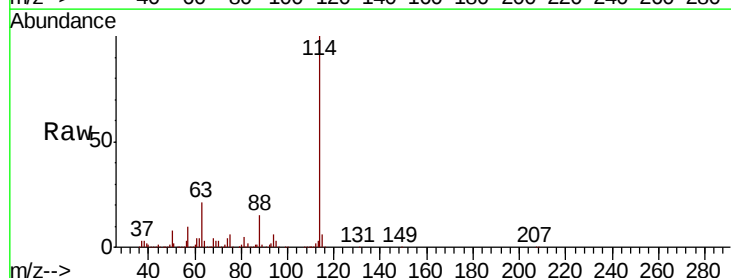
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8RE

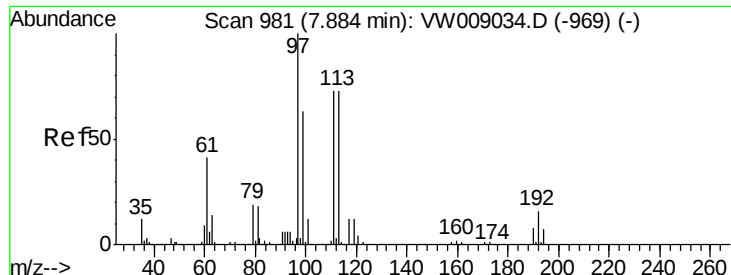
Tgt Ion: 65 Resp: 178666
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009093.D
 Acq: 11 Mar 2019 18:12

Tgt Ion: 114 Resp: 456833
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.2
 88 14.5 0.0 31.2

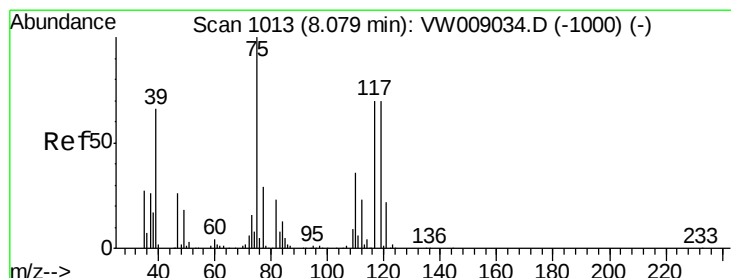
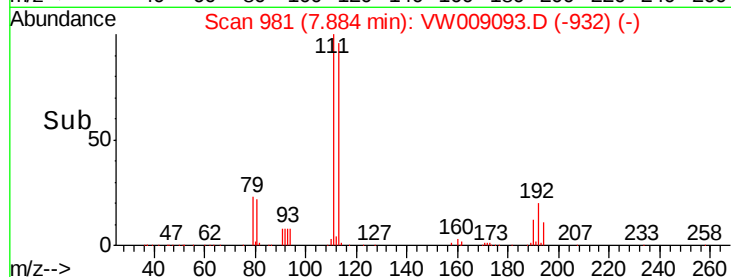
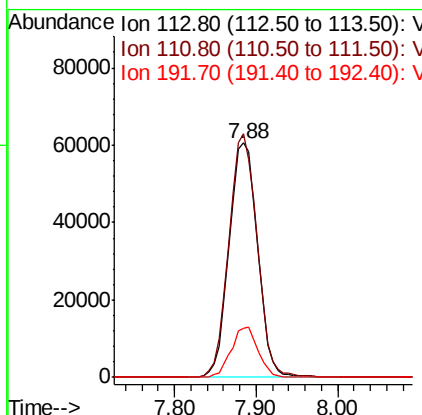
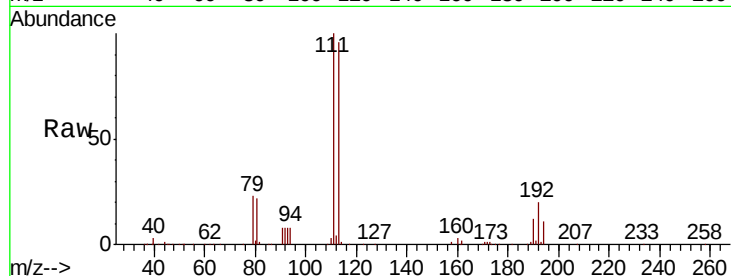




#35
 Dibromofluoromethane
 Concen: 52.946 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009093.D
 Acq: 11 Mar 2019 18:12

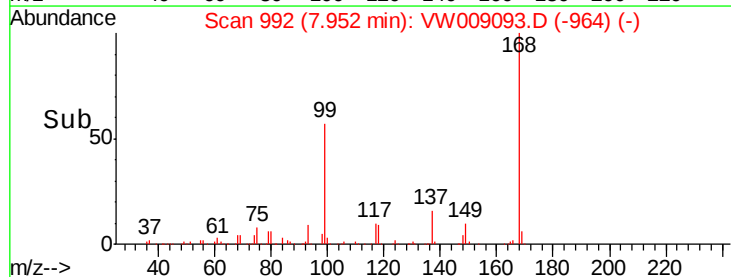
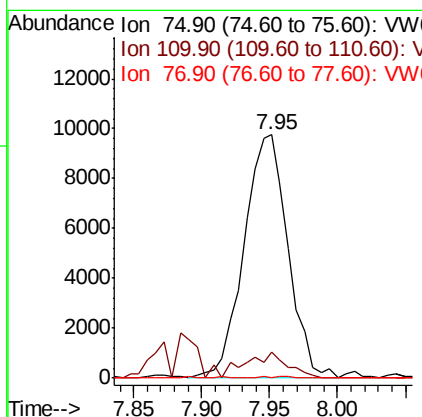
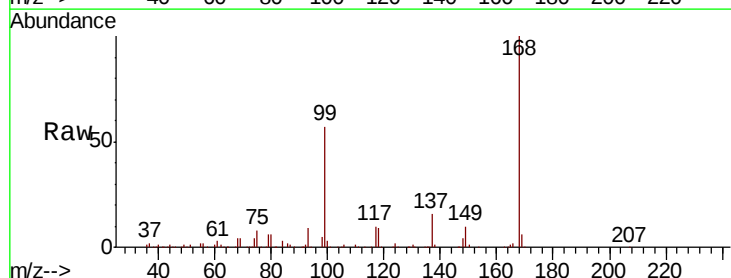
Instrument :
 MSVOA_W
 ClientSampled :
 TP-8RE

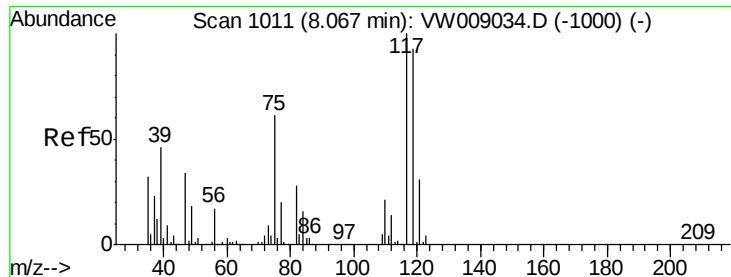
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.4
192	20.3	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 4.621 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW009093.D
 Acq: 11 Mar 2019 18:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.6	52.9#
77	0.1	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.792 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW009093.D

Acq: 11 Mar 2019 18:12

Instrument :

MSVOA_W

ClientSampled :

TP-8RE

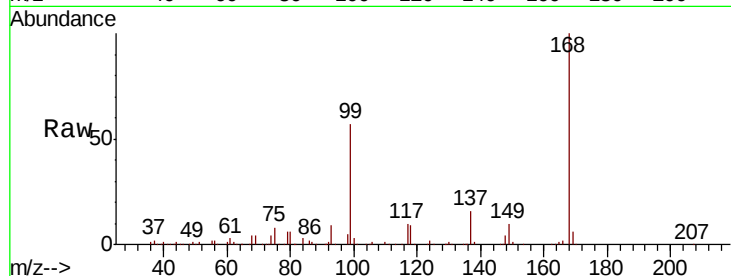
Tgt Ion:117 Resp: 28571

Ion Ratio Lower Upper

117 100

119 5.0 74.6 112.0#

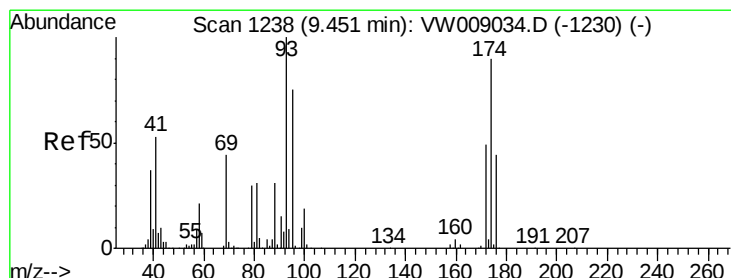
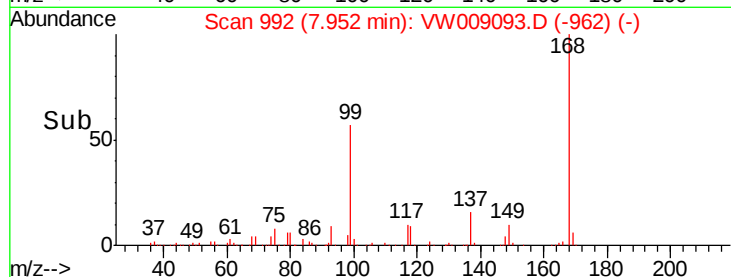
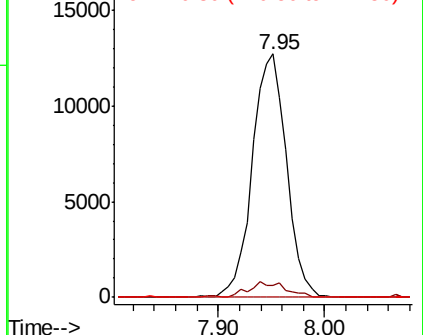
121 0.0 24.7 37.1#



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



#49

1,4-Dioxane

Concen: 2.322 ug/l

RT: 9.57 min Scan# 1258

Delta R.T. 0.12 min

Lab File: VW009093.D

Acq: 11 Mar 2019 18:12

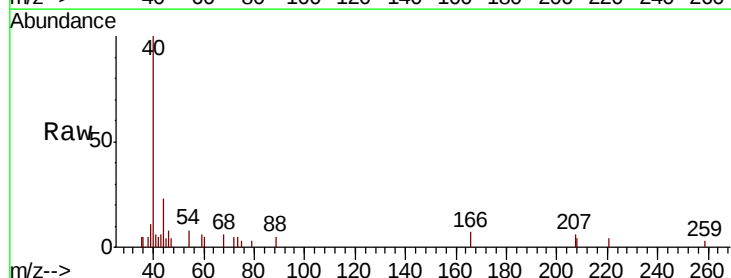
Tgt Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

43 572.4 29.0 43.4#

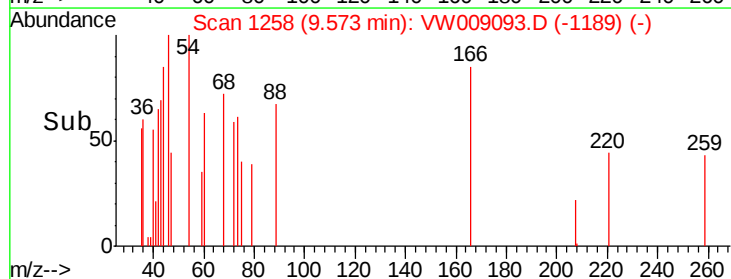
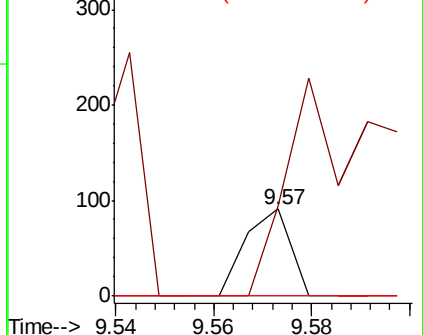
58 0.0 59.2 88.8#

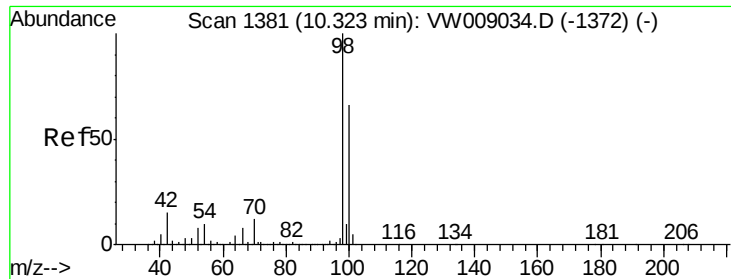


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 49.290 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009093.D

Acq: 11 Mar 2019 18:12

Instrument :

MSVOA_W

ClientSampleId :

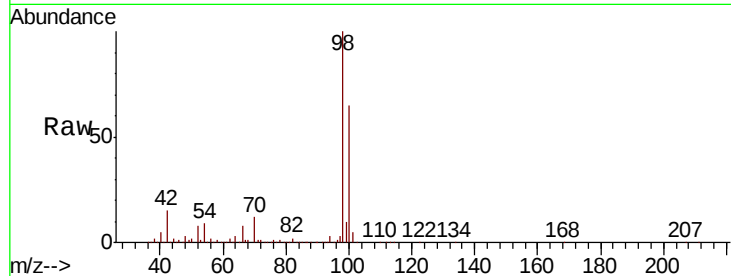
TP-8RE

Tgt Ion: 98 Resp: 556829

Ion Ratio Lower Upper

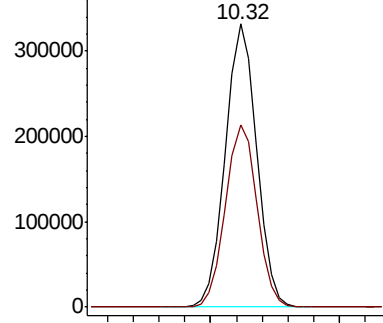
98 100

100 65.3 51.9 77.9

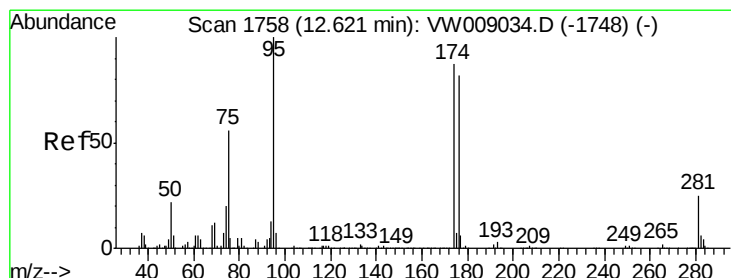
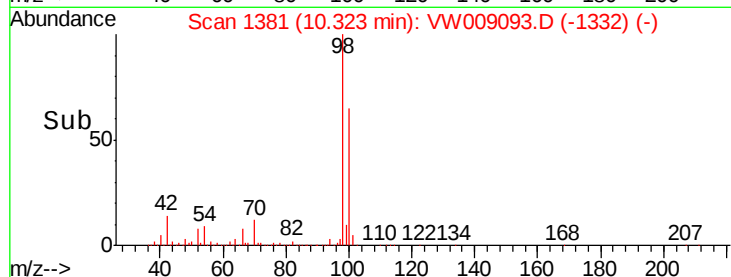


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 42.578 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009093.D

Acq: 11 Mar 2019 18:12

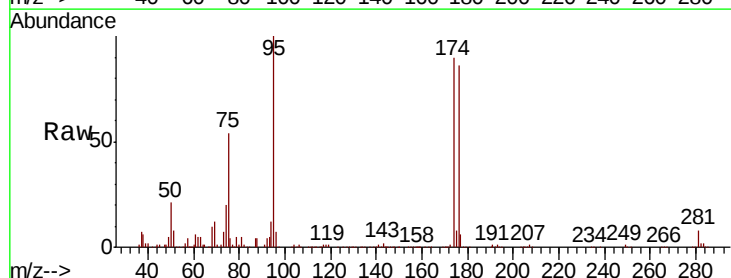
Tgt Ion: 95 Resp: 189349

Ion Ratio Lower Upper

95 100

174 87.1 0.0 167.0

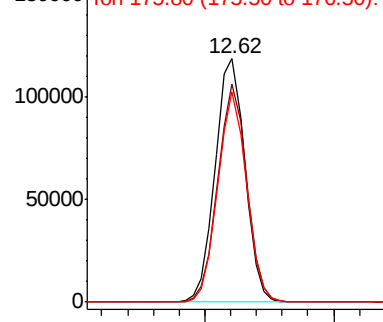
176 83.5 0.0 159.4



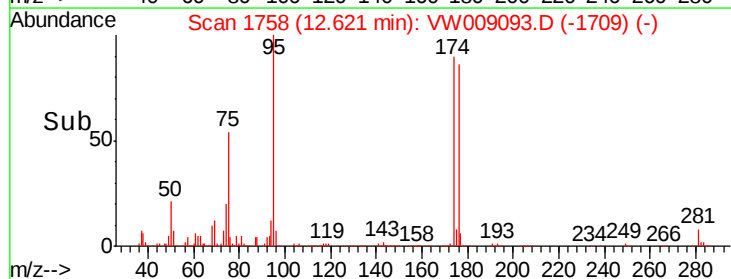
Abundance Ion 94.90 (94.60 to 95.60): VW

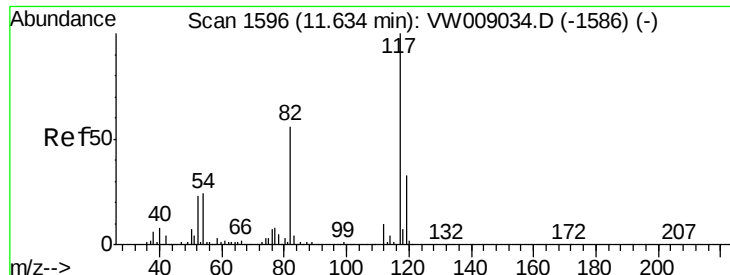
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

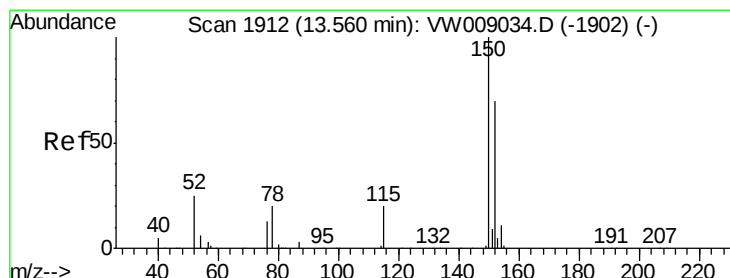
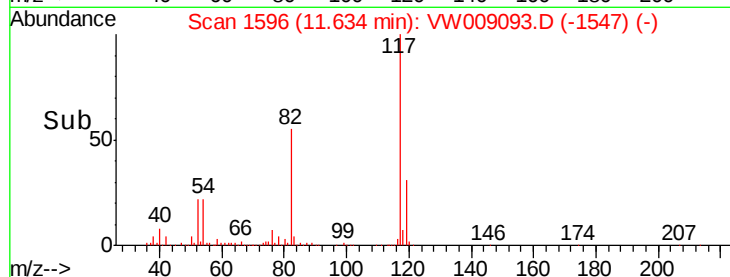
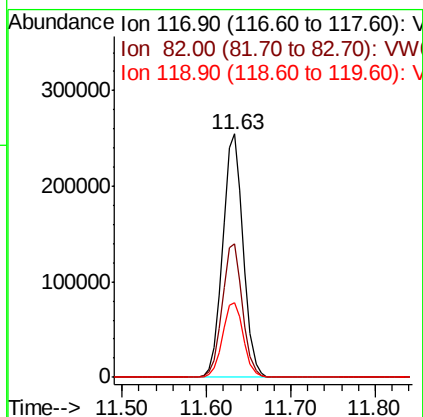
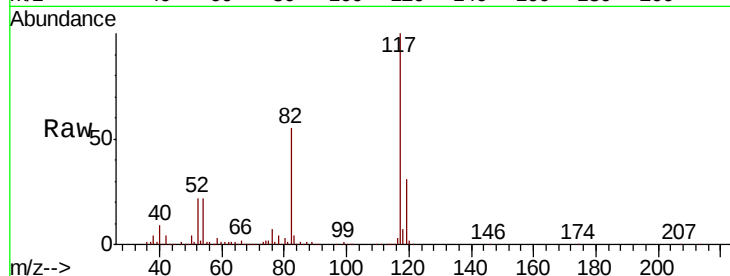




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009093.D
Acq: 11 Mar 2019 18:12

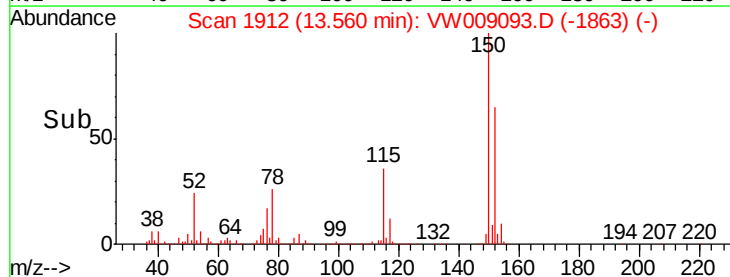
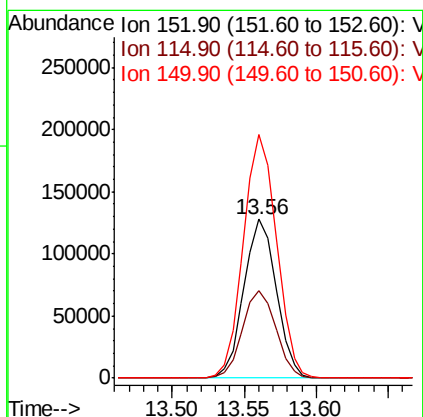
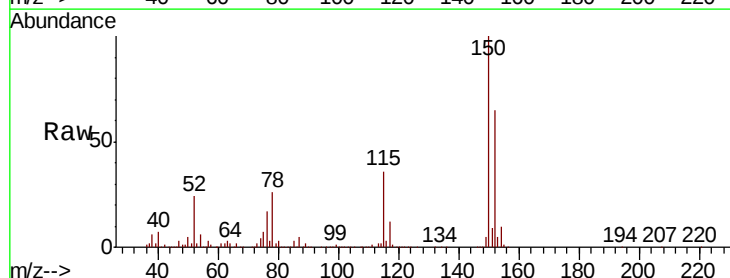
Instrument :
MSVOA_W
ClientSampleId :
TP-8RE

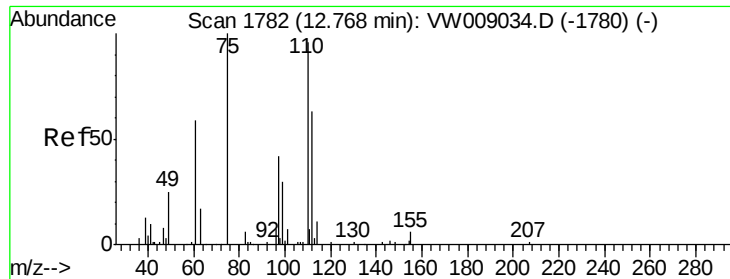
Tgt Ion:117 Resp: 424505
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.6
119 30.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009093.D
Acq: 11 Mar 2019 18:12

Tgt Ion:152 Resp: 200382
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 156.2 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 65.196 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009093.D

Acq: 11 Mar 2019 18:12

Instrument :

MSVOA_W

ClientSampled :

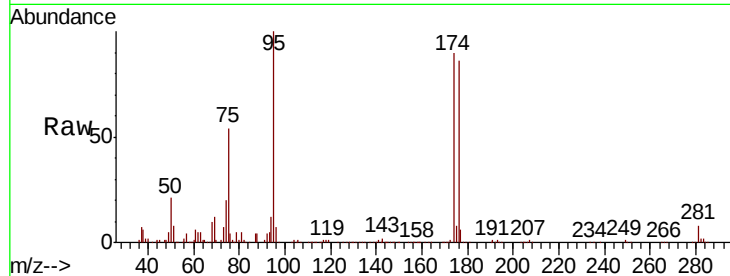
TP-8RE

Tgt Ion: 75 Resp: 103217

Ion Ratio Lower Upper

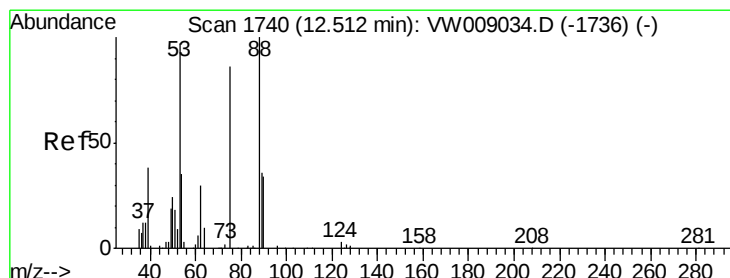
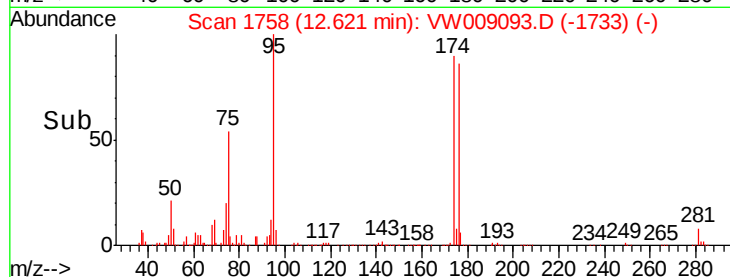
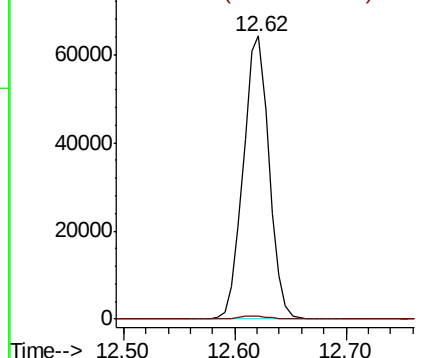
75 100

77 1.3 186.7 560.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 145.826 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009093.D

Acq: 11 Mar 2019 18:12

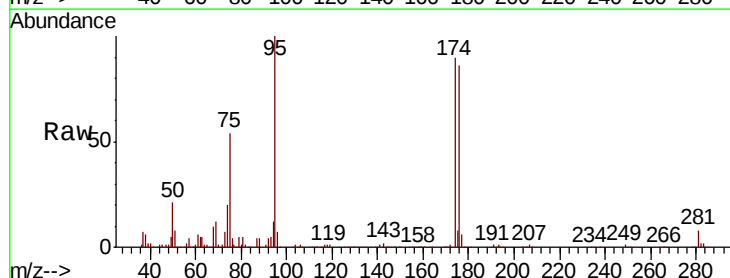
Tgt Ion: 75 Resp: 103217

Ion Ratio Lower Upper

75 100

53 0.3 90.5 135.7#

89 0.1 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

