

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
 Data File : VW009094.D
 Acq On : 11 Mar 2019 18:39
 Operator : SY/VA
 Sample : K1807-19
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10RE

Quant Time: Mar 12 08:13:20 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	288948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	464458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	426013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	200327	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	181827	62.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.10%	
35) Dibromofluoromethane	7.88	113	149136	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	10.32	98	562277	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.62	95	192969	42.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.36%	

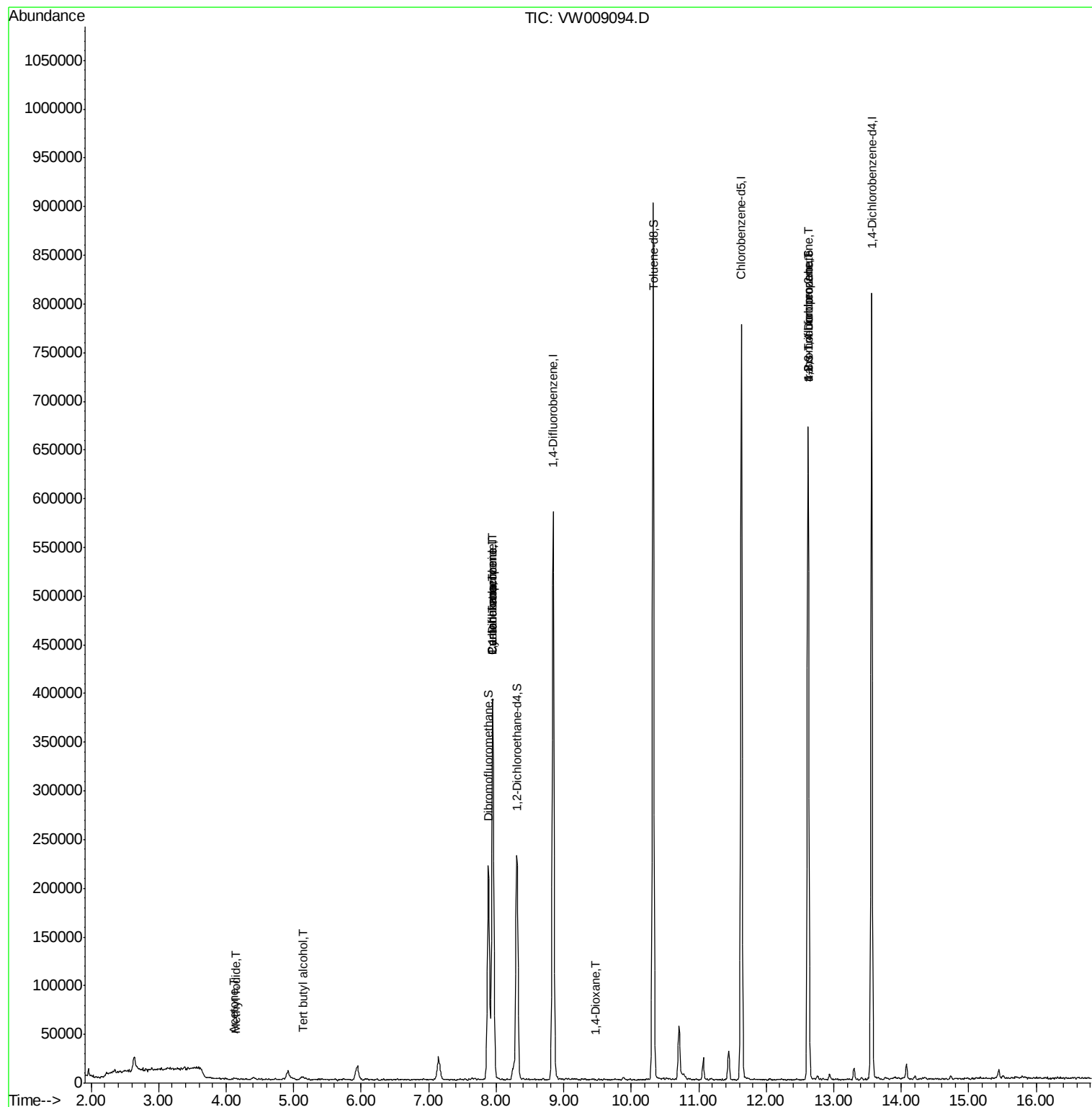
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.14	142	30	3.196	ug/l #	40
11) Tert butyl alcohol	5.14	59	2745	12.322	ug/l #	80
16) Acetone	4.12	43	1280	1.951	ug/l #	75
20) Methylene Chloride	4.91	84	5868	Below Cal	#	83
31) Cyclohexane	7.95	56	7473	1.378	ug/l #	37
36) 1,1-Dichloropropene	7.95	75	22980	4.732	ug/l #	49
38) Carbon Tetrachloride	7.95	117	28454	5.673	ug/l #	19
49) 1,4-Dioxane	9.46	88	30	1.181	ug/l #	21
76) 1,2,3-Trichloropropane	12.62	75	104352	65.931	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	104352	147.470	ug/l #	5

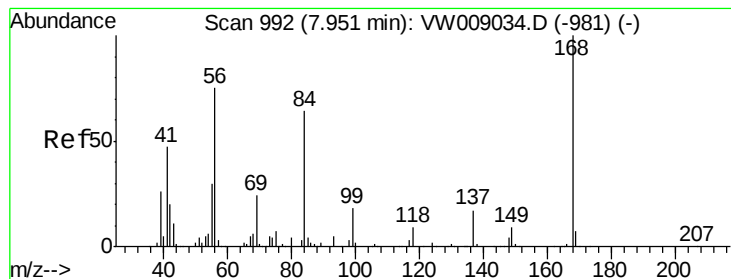
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
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Quant Time: Mar 12 08:13:20 2019
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# 991

Delta R.T. -0.01 min

Lab File: VW009094.D

Acq: 11 Mar 2019 18:39

Instrument :

MSVOA_W

ClientSampleId :

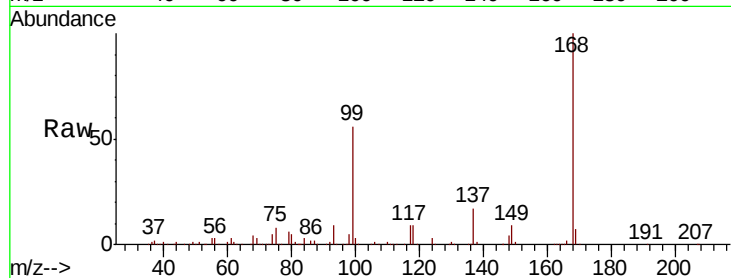
TP-10RE

Tgt Ion:168 Resp: 288948

Ion Ratio Lower Upper

168 100

99 55.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

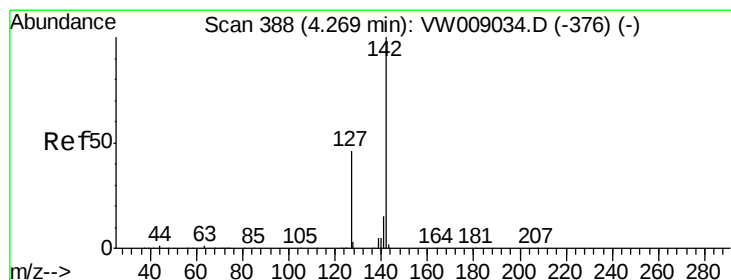
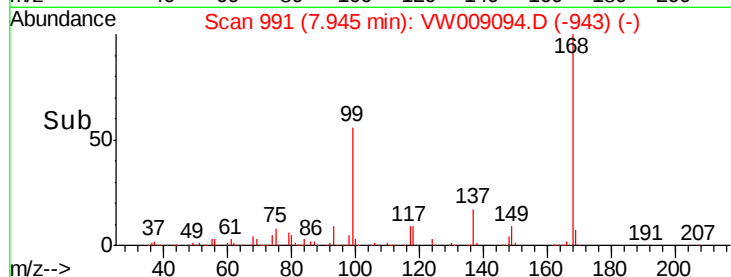
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 3.196 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.13 min

Lab File: VW009094.D

Acq: 11 Mar 2019 18:39

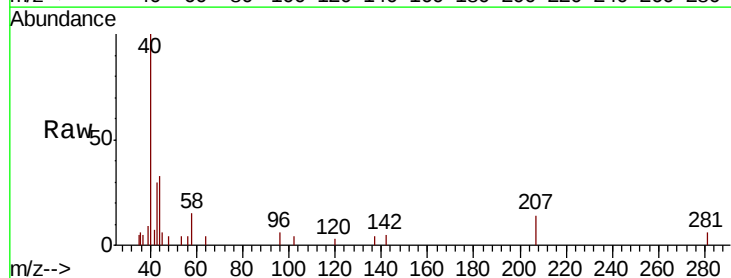
Tgt Ion:142 Resp: 30

Ion Ratio Lower Upper

142 100

127 0.0 35.8 53.6#

141 0.0 11.8 17.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.14

100

80

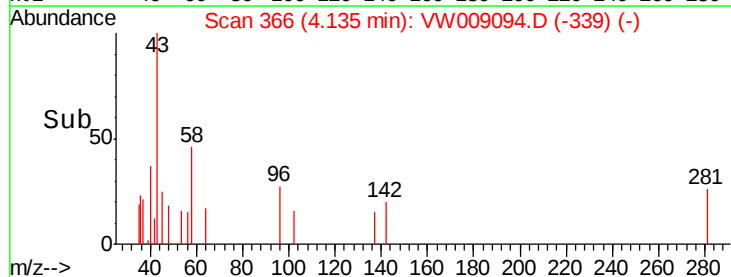
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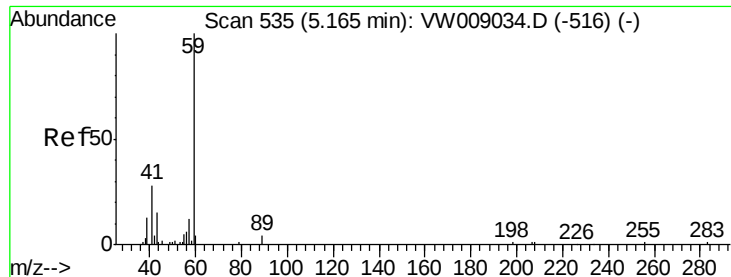
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20

0

Time-->

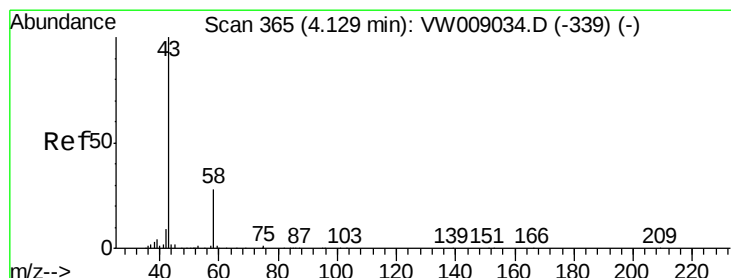
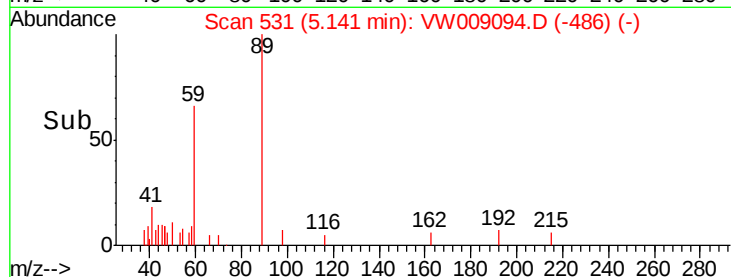
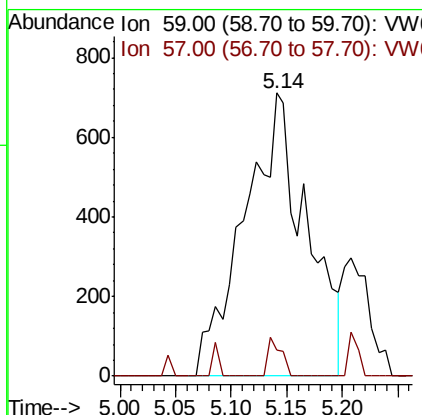
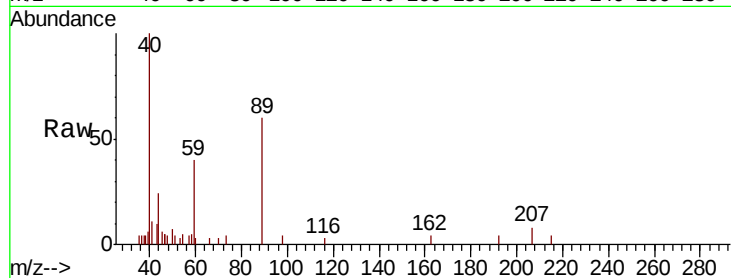




#11
Tert butyl alcohol
Concen: 12.322 ug/l
RT: 5.14 min Scan# 531
Delta R.T. -0.02 min
Lab File: VW009094.D
Acq: 11 Mar 2019 18:39

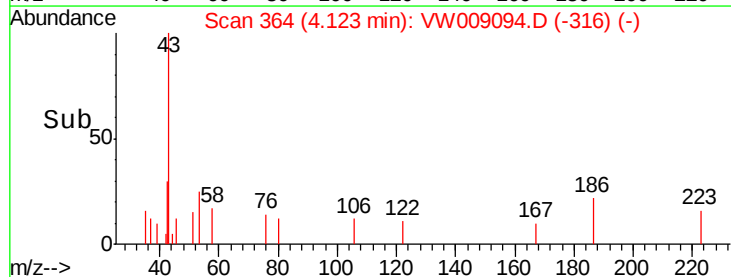
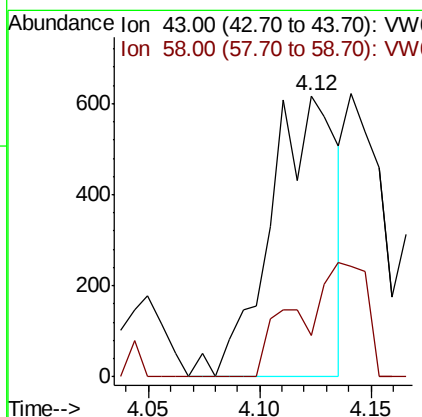
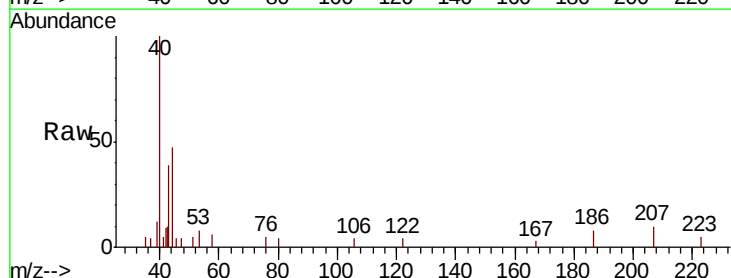
Instrument :
MSVOA_W
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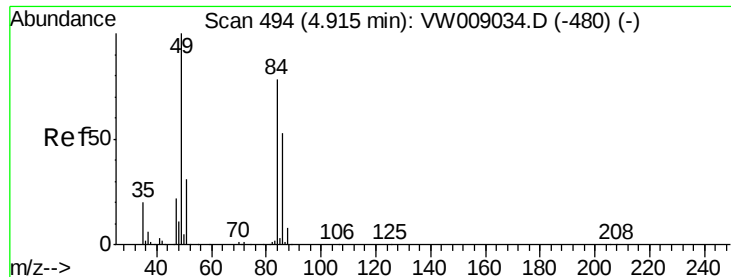
Tgt Ion: 59 Resp: 2745
Ion Ratio Lower Upper
59 100
57 3.0 8.6 12.8#



#16
Acetone
Concen: 1.951 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW009094.D
Acq: 11 Mar 2019 18:39

Tgt Ion: 43 Resp: 1280
Ion Ratio Lower Upper
43 100
58 14.7 22.5 33.7#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009094.D

Acq: 11 Mar 2019 18:39

Instrument :

MSVOA_W

ClientSampleId :

TP-10RE

Tgt Ion: 84 Resp: 5868

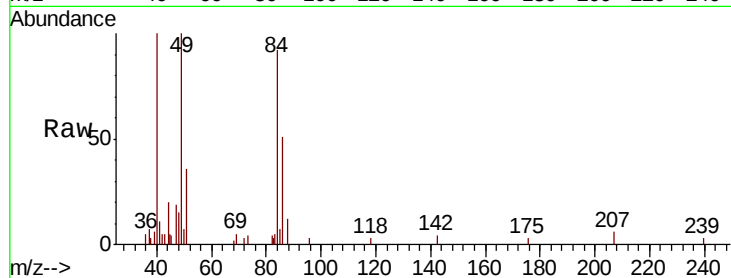
Ion Ratio Lower Upper

84 100

49 109.0 102.4 153.6

51 34.2 31.6 47.4

86 49.9 54.5 81.7#



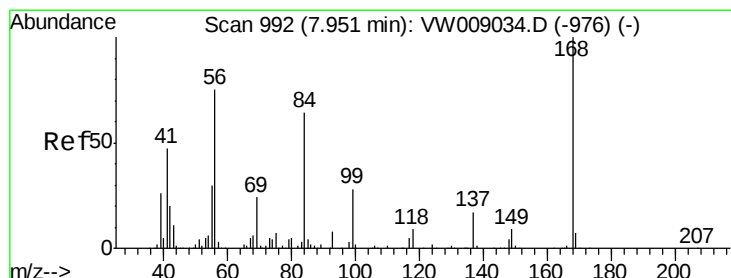
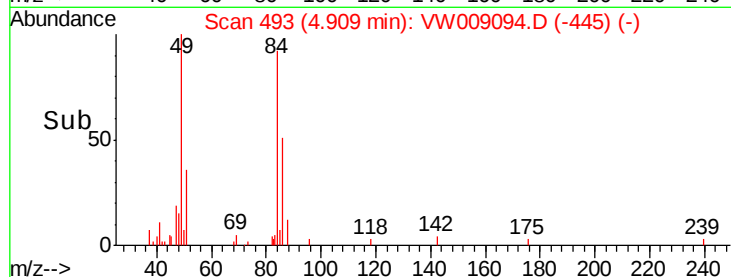
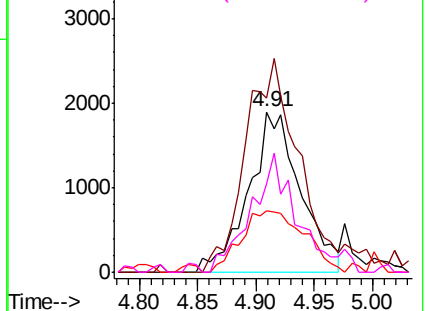
Abundance

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: 1.378 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009094.D

Acq: 11 Mar 2019 18:39

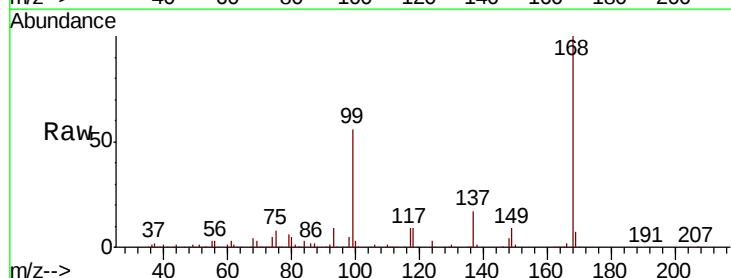
Tgt Ion: 56 Resp: 7473

Ion Ratio Lower Upper

56 100

69 129.4 25.5 38.3#

84 104.9 68.6 103.0#

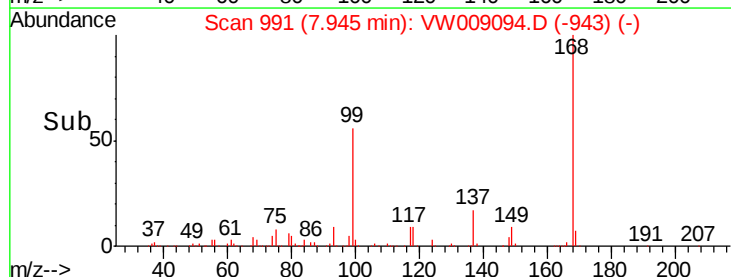
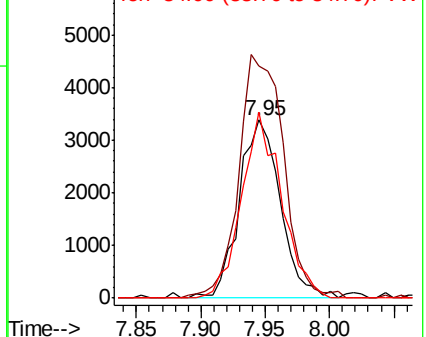


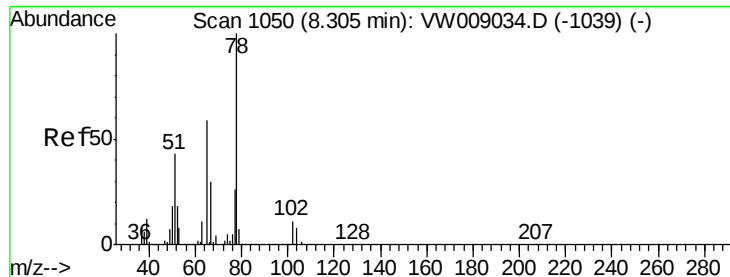
Abundance

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

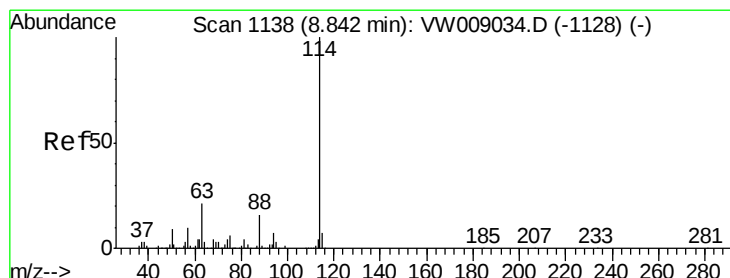
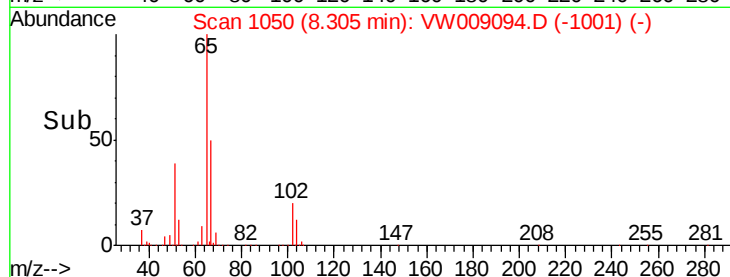
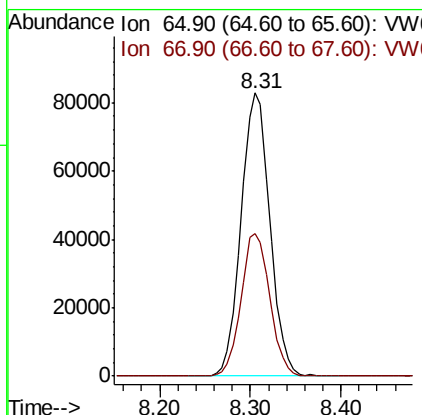
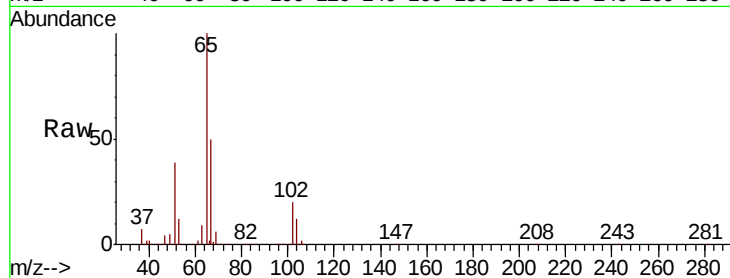




#33
 1,2-Dichloroethane-d4
 Concen: 62.546 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009094.D
 Acq: 11 Mar 2019 18:39

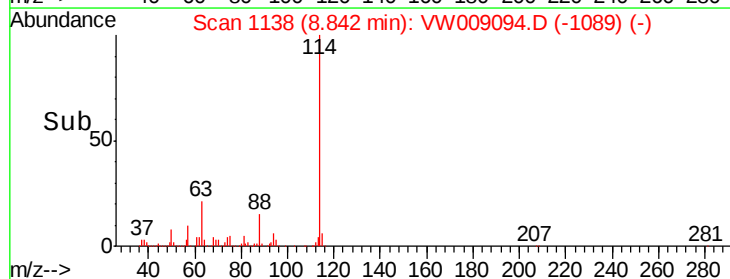
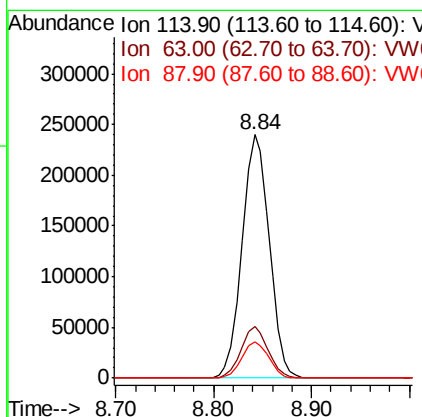
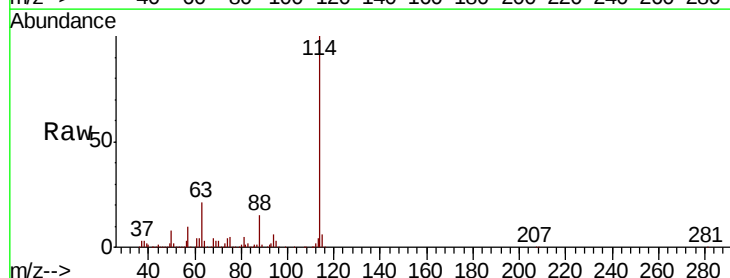
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10RE

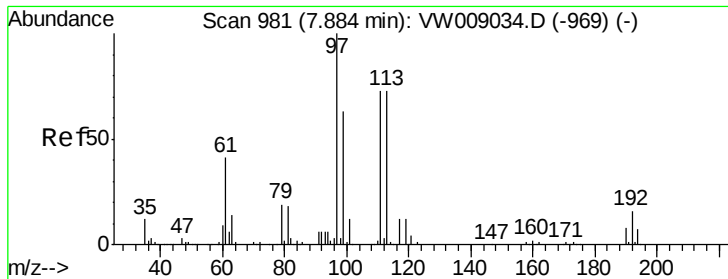
Tgt Ion: 65 Resp: 181827
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009094.D
 Acq: 11 Mar 2019 18:39

Tgt Ion: 114 Resp: 464458
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.2
 88 14.8 0.0 31.2

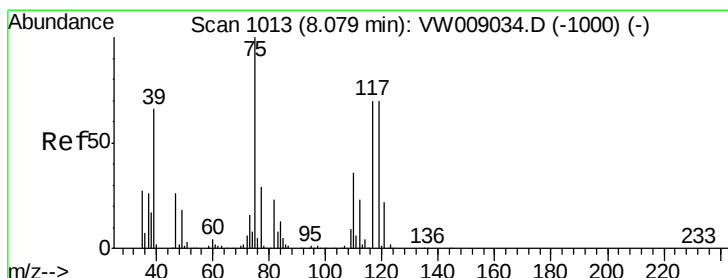
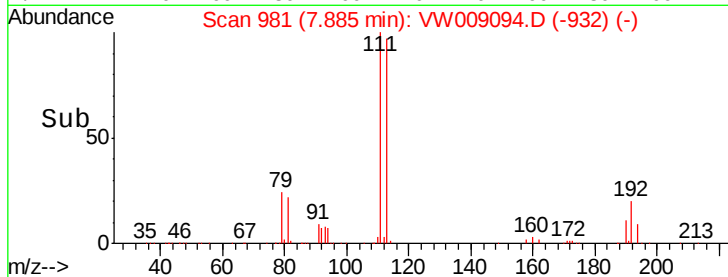
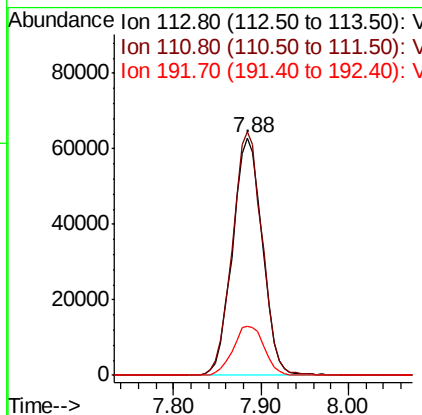
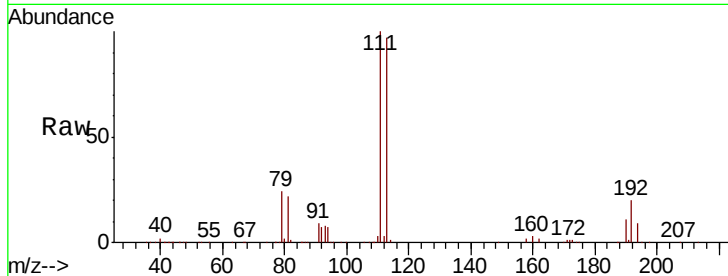




#35
 Dibromofluoromethane
 Concen: 53.330 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009094.D
 Acq: 11 Mar 2019 18:39

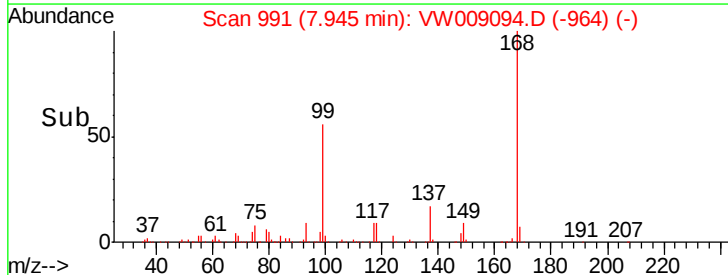
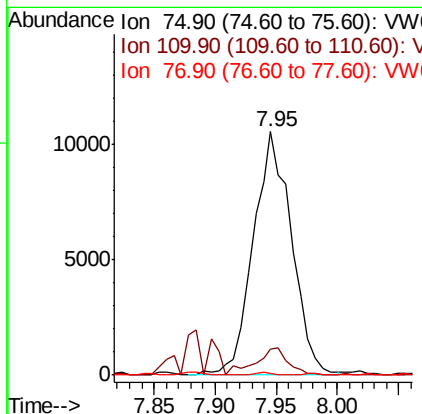
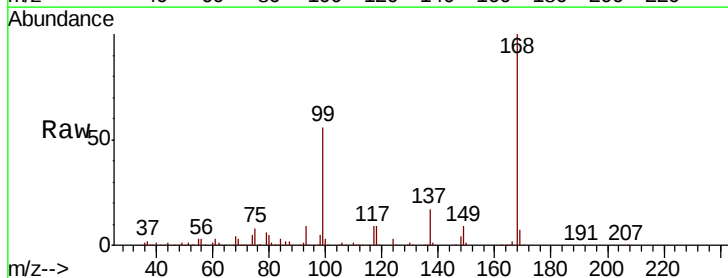
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10RE

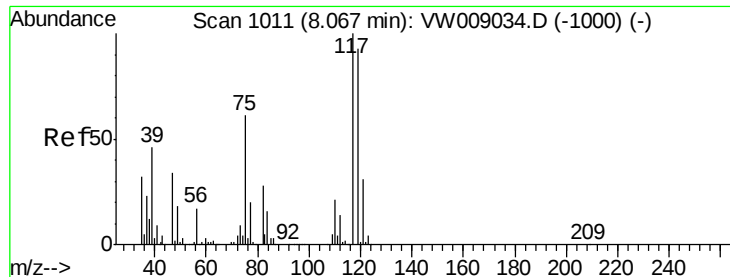
Tgt Ion:113 Resp: 149136
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.0 121.4
 192 21.6 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.732 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009094.D
 Acq: 11 Mar 2019 18:39

Tgt Ion: 75 Resp: 22980
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.6 52.9#
 77 0.4 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.673 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW009094.D

Acq: 11 Mar 2019 18:39

Instrument :

MSVOA_W

ClientSampled :

TP-10RE

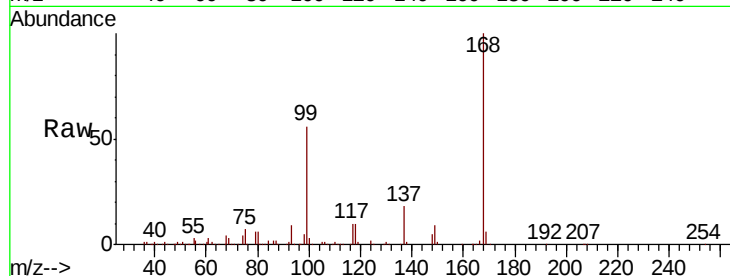
Tgt Ion:117 Resp: 28454

Ion Ratio Lower Upper

117 100

119 7.0 74.6 112.0#

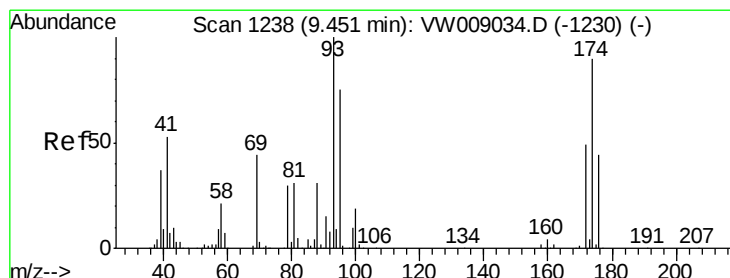
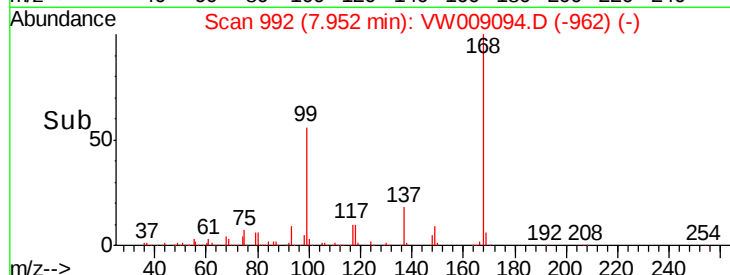
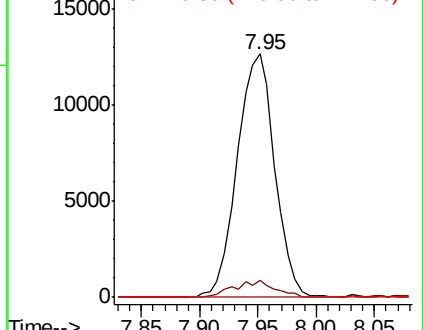
121 0.0 24.7 37.1#



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: 1.181 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW009094.D

Acq: 11 Mar 2019 18:39

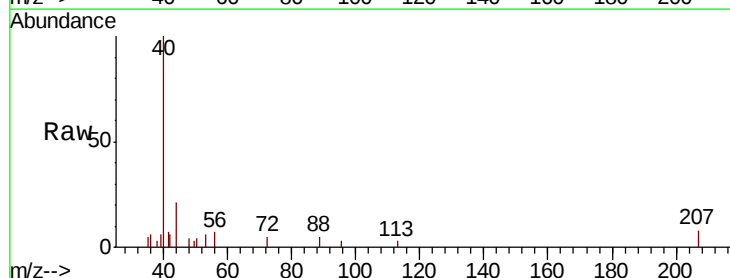
Tgt Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

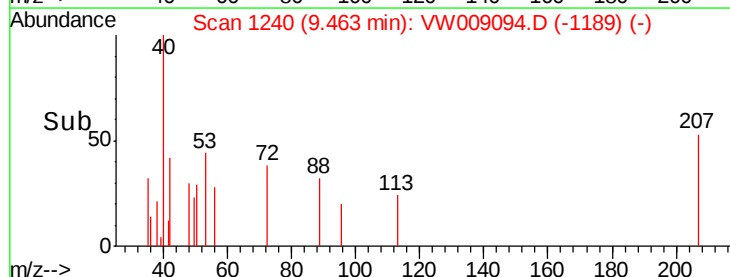
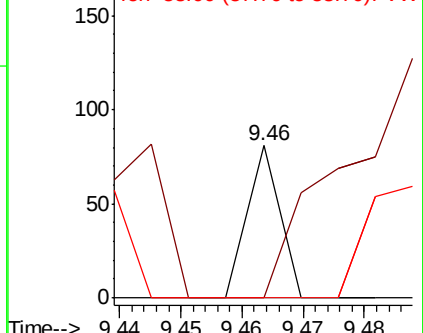
58 0.0 59.2 88.8#

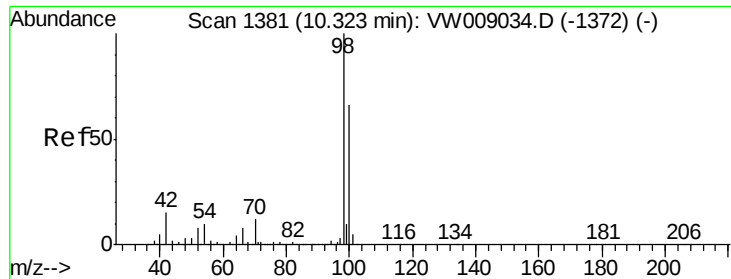


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 48.956 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009094.D

Acq: 11 Mar 2019 18:39

Instrument :

MSVOA_W

ClientSampleId :

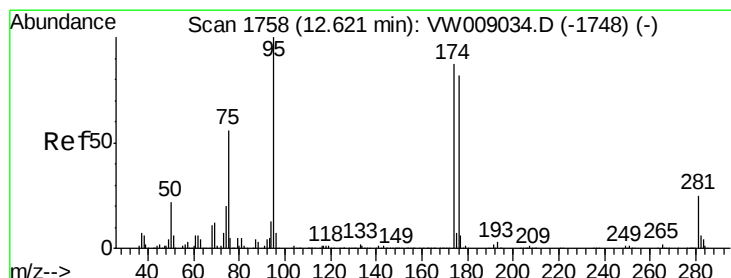
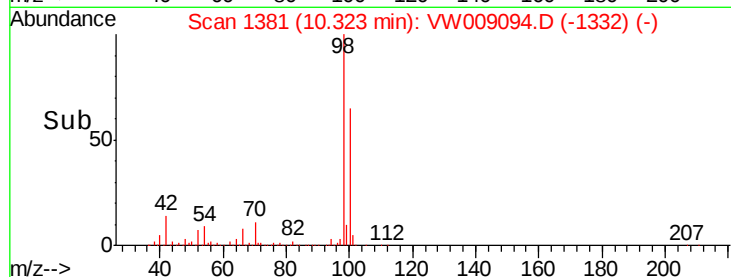
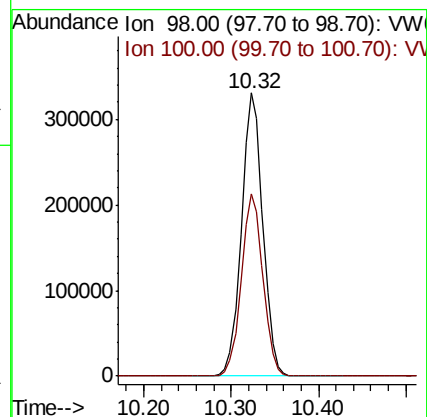
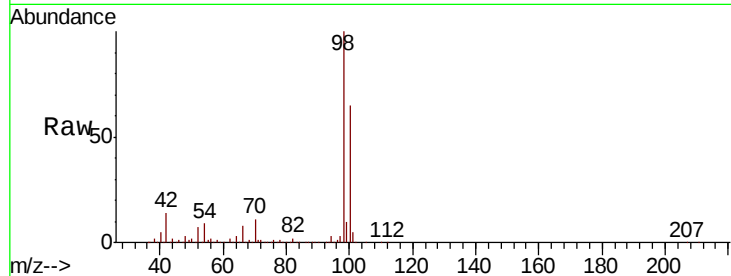
TP-10RE

Tgt Ion: 98 Resp: 562277

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 42.679 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009094.D

Acq: 11 Mar 2019 18:39

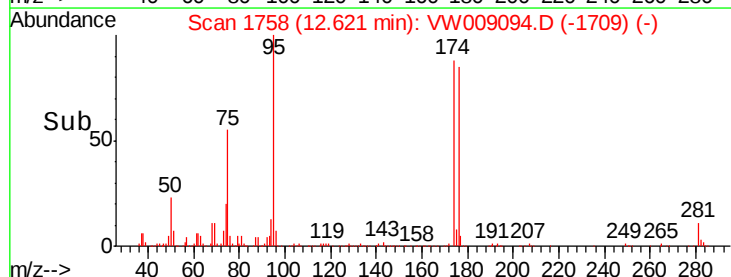
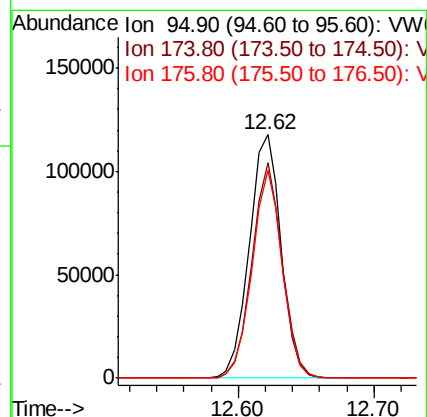
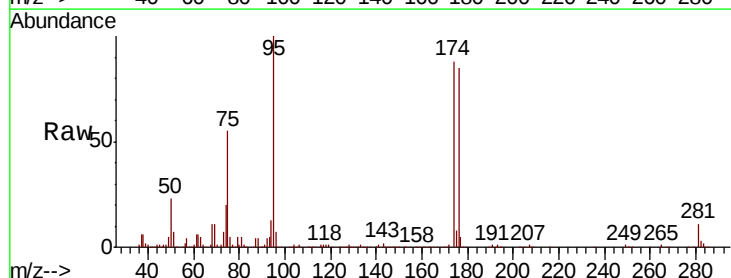
Tgt Ion: 95 Resp: 192969

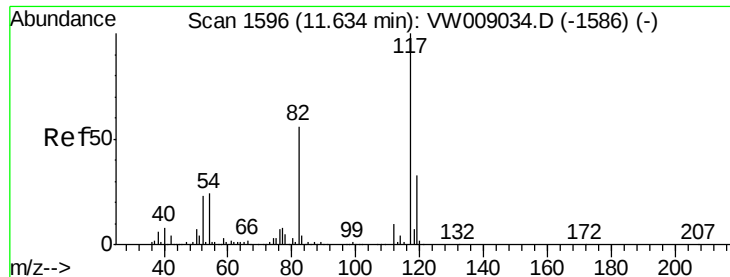
Ion Ratio Lower Upper

95 100

174 84.5 0.0 167.0

176 81.0 0.0 159.4

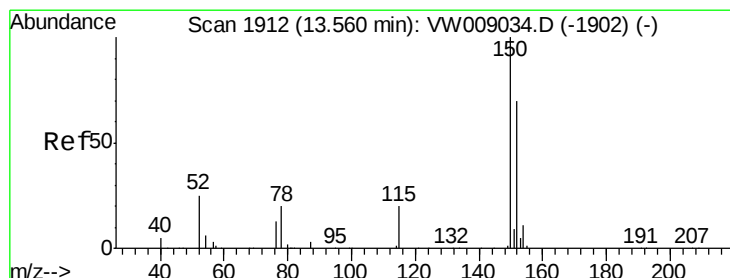
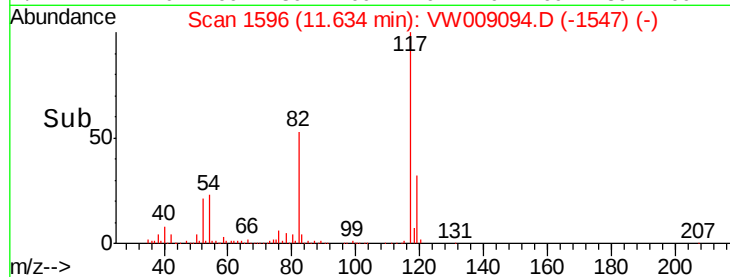
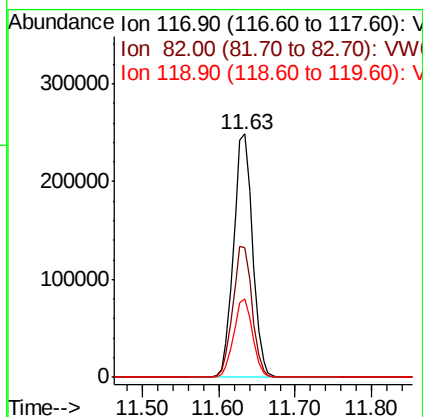
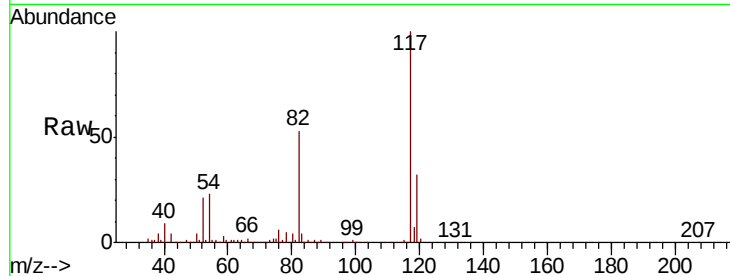




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009094.D
Acq: 11 Mar 2019 18:39

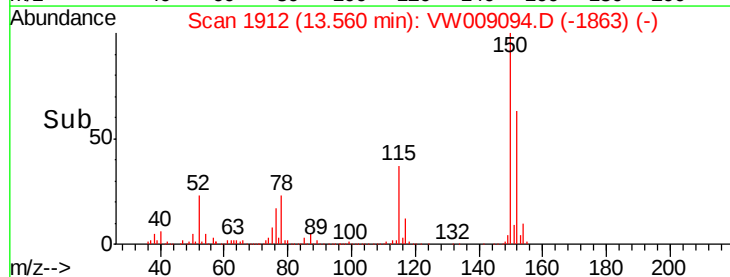
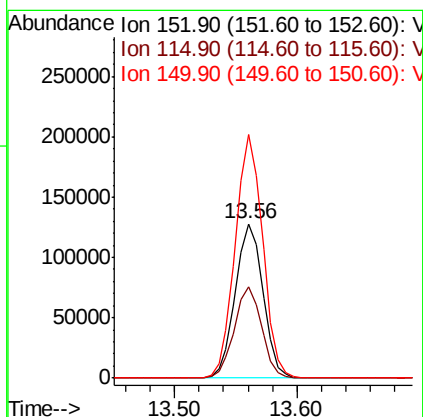
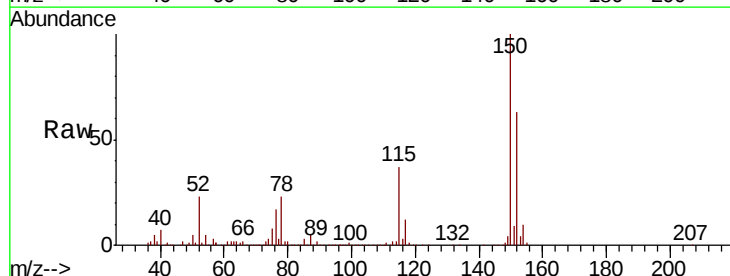
Instrument :
MSVOA_W
ClientSampleId :
TP-10RE

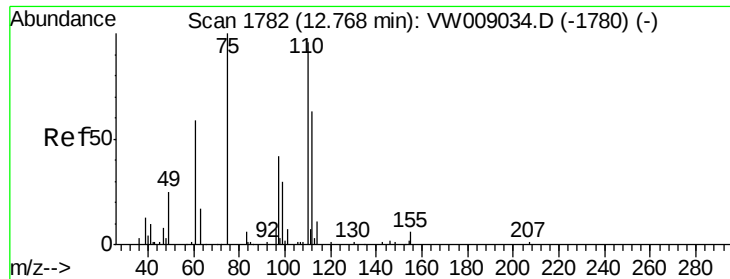
Tgt Ion:117 Resp: 426013
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.6
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009094.D
Acq: 11 Mar 2019 18:39

Tgt Ion:152 Resp: 200327
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.7
150 156.3 0.0 349.2

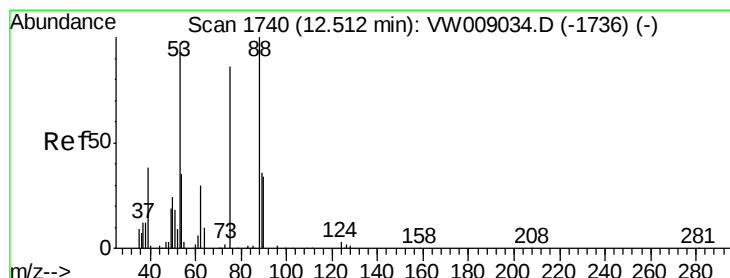
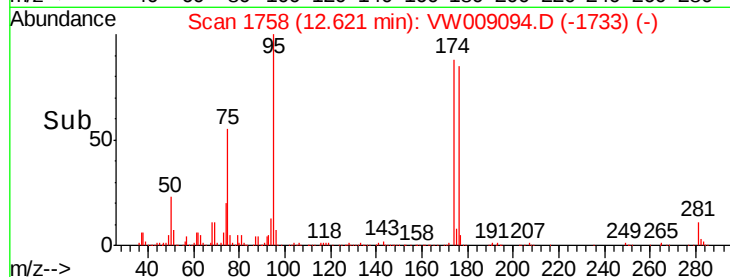
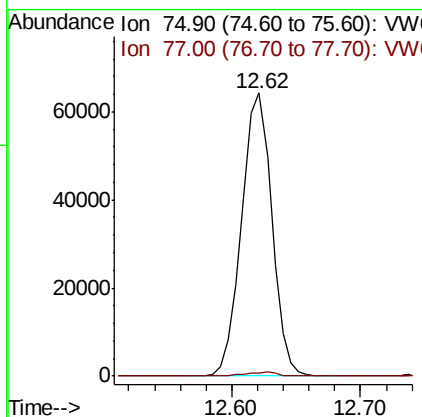
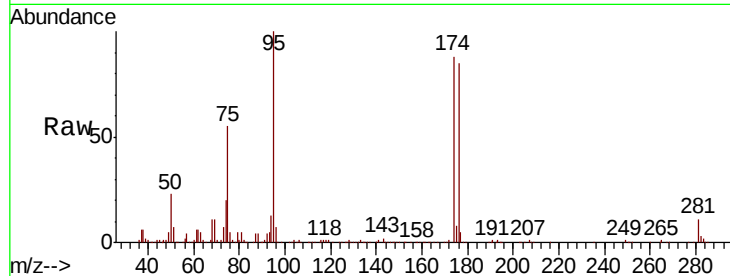




#76
 1,2,3-Trichloropropane
 Concen: 65.931 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW009094.D
 Acq: 11 Mar 2019 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10RE

Tgt Ion: 75 Resp: 104352
 Ion Ratio Lower Upper
 75 100
 77 1.6 186.7 560.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.470 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW009094.D
 Acq: 11 Mar 2019 18:39

Tgt Ion: 75 Resp: 104352
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.2 37.5 56.3#

