

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006952.D
 Acq On : 19 Nov 2018 19:43
 Operator : SY/AP
 Sample : J5952-05
 Misc : 3.91G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VTW-03(4-6)

Quant Time: Nov 20 04:35:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	92490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	142159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	110065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	32182	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	44750	43.41	ug/l	0.00
Spiked Amount			Recovery	=	86.82%	
35) Dibromofluoromethane	7.89	113	40899	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
50) Toluene-d8	10.33	98	146277	40.89	ug/l	0.00
Spiked Amount			Recovery	=	81.78%	
62) 4-Bromofluorobenzene	12.62	95	40731	29.20	ug/l	0.00
Spiked Amount			Recovery	=	58.40%	

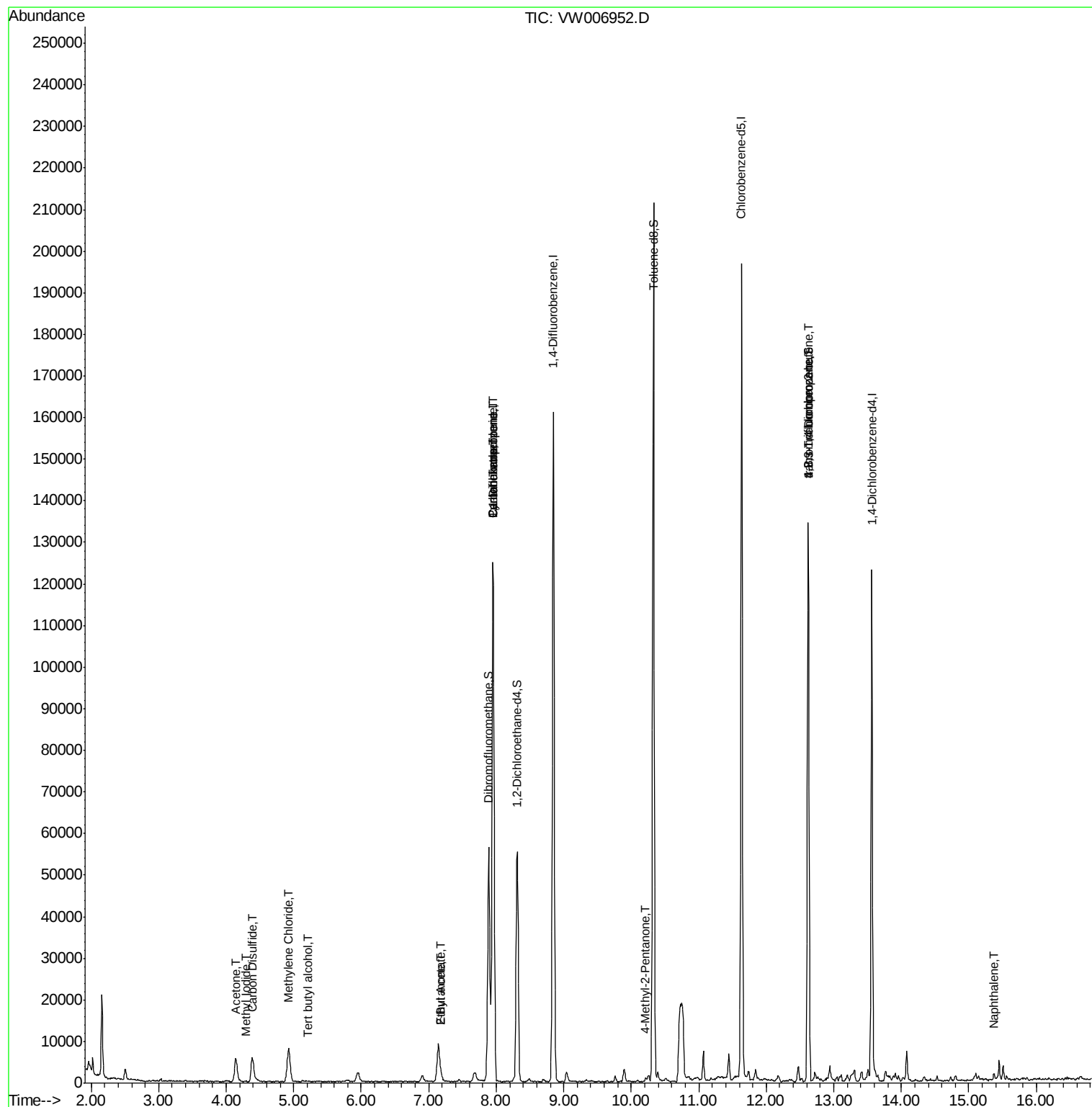
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.29	142	157	3.548	ug/l #	41
11) Tert butyl alcohol	5.20	59	268	3.418	ug/l #	71
16) Acetone	4.14	43	10745	68.152	ug/l	94
17) Carbon Disulfide	4.39	76	12177	4.517	ug/l	98
20) Methylene Chloride	4.92	84	6281	2.584	ug/l	97
25) 2-Butanone	7.18	43	2756	10.525	ug/l #	89
31) Cyclohexane	7.95	56	1858	1.053	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7557	5.580	ug/l #	49
37) Ethyl Acetate	7.18	43	2756	4.786	ug/l #	68
38) Carbon Tetrachloride	7.96	117	9456	7.105	ug/l #	18
51) 4-Methyl-2-Pentanone	10.21	43	784	1.440	ug/l	90
76) 1,2,3-Trichloropropane	12.62	75	20212	78.153	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	20212	177.904	ug/l #	10
95) Naphthalene	15.37	128	1817	1.517	ug/l	99

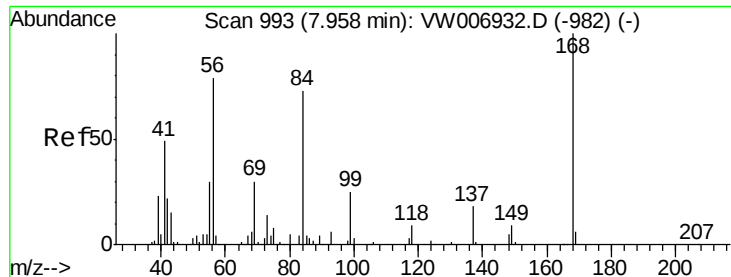
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112018\
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QLast Update : Sat Nov 17 04:45:18 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006952.D

Acq: 19 Nov 2018 19:43

Instrument :

MSVOA_W

ClientSampleId :

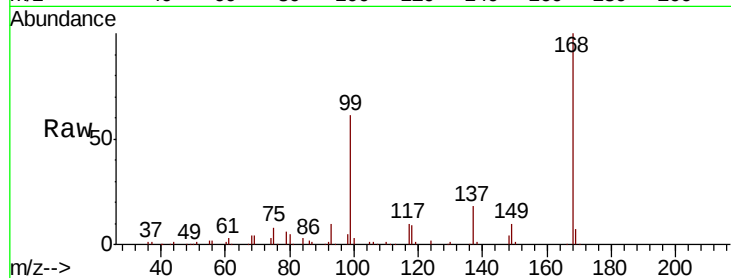
VTW-03(4-6)

Tot Ion:168 Resp: 92490

Ion Ratio Lower Upper

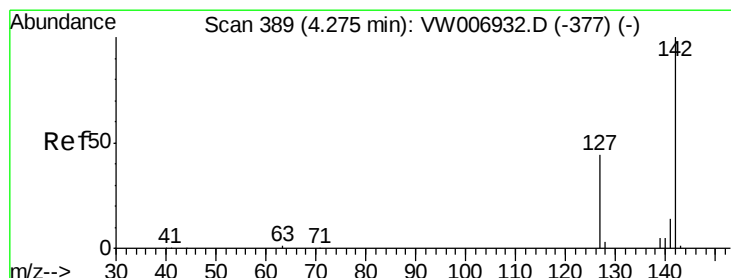
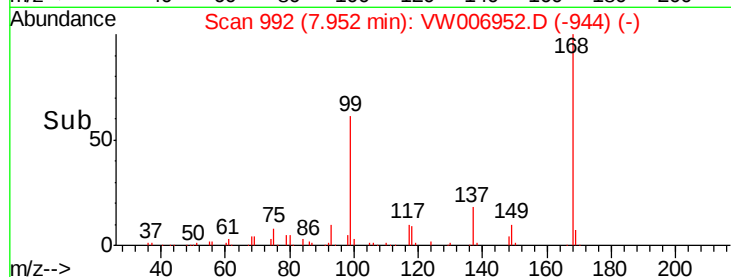
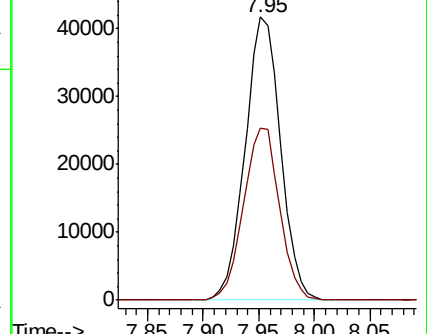
168 100

99 60.8 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V



#10

Methyl Iodide

Concen: 3.548 ug/l

RT: 4.29 min Scan# 391

Delta R.T. 0.01 min

Lab File: VW006952.D

Acq: 19 Nov 2018 19:43

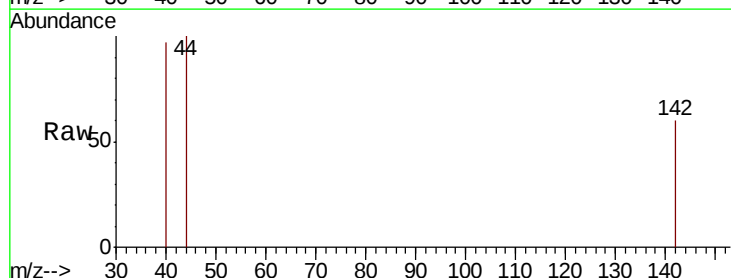
Tgt Ion:142 Resp: 157

Ion Ratio Lower Upper

142 100

127 0.0 34.4 51.6#

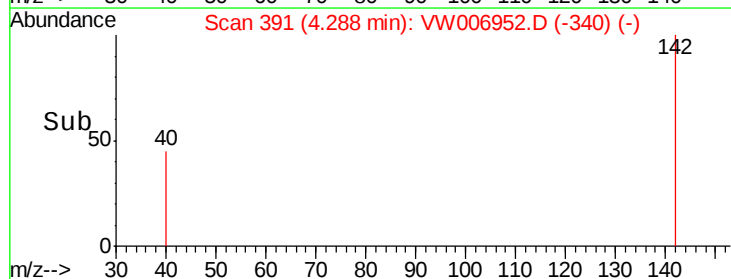
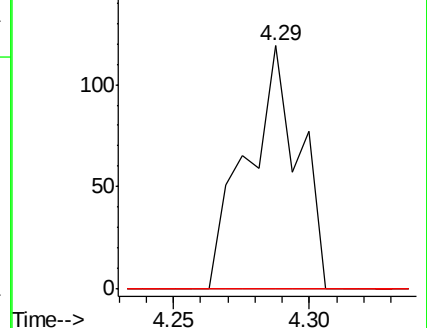
141 0.0 11.5 17.3#

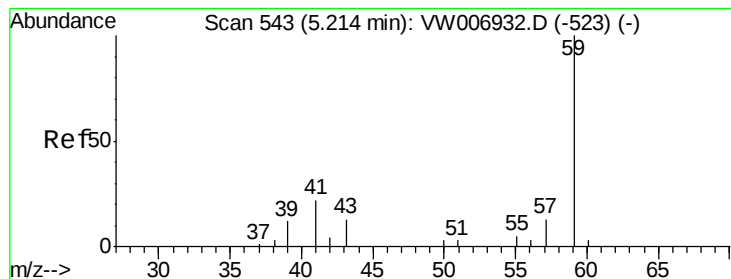


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



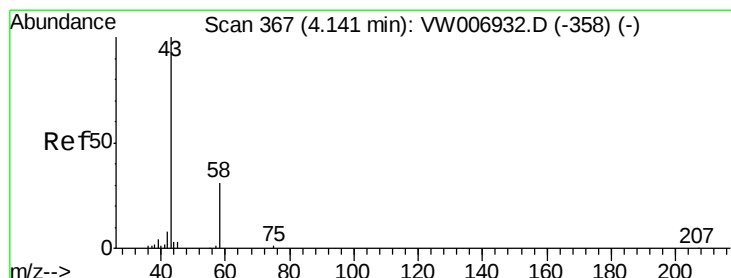
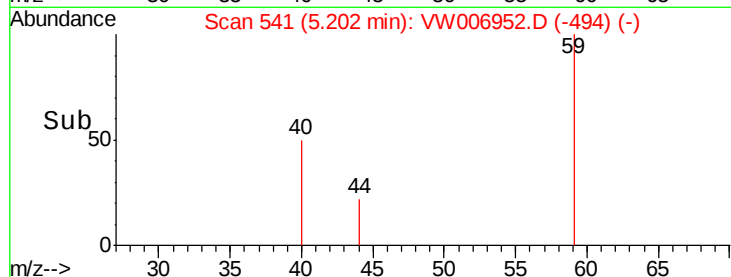
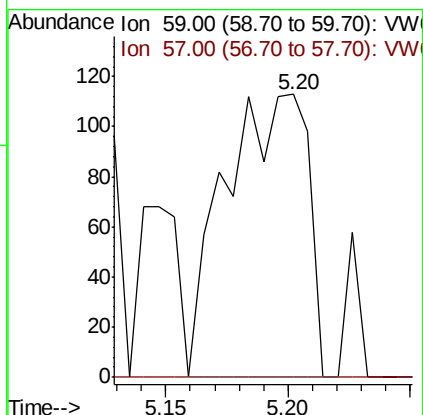
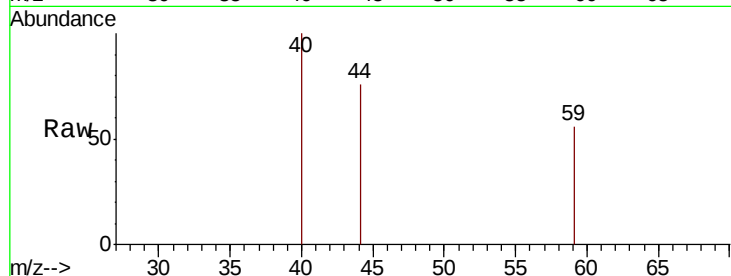


#11

Tert butyl alcohol
 Concen: 3.418 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VW006952.D
 Acq: 19 Nov 2018 19:43

Instrument :
 MSVOA_W
 ClientSampleID :
 VTW-03(4-6)

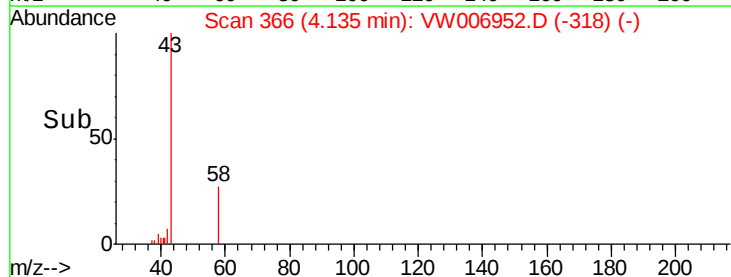
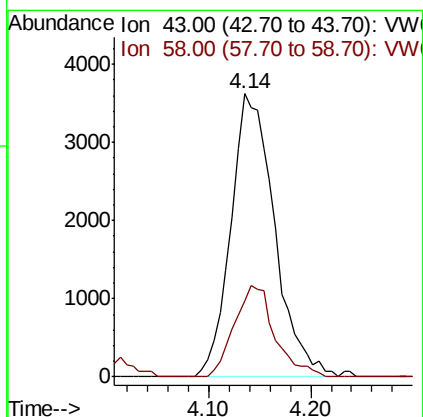
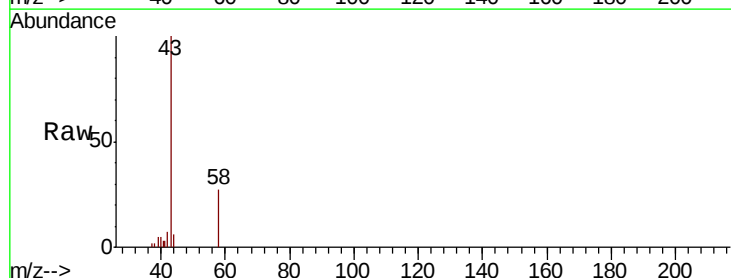
Tot Ion: 59 Resp: 268
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

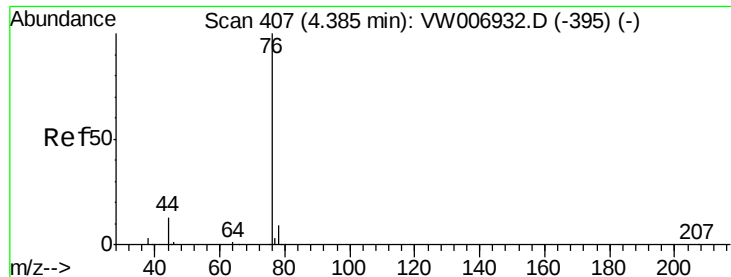


#16

Acetone
 Concen: 68.152 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VW006952.D
 Acq: 19 Nov 2018 19:43

Tgt Ion: 43 Resp: 10745
 Ion Ratio Lower Upper
 43 100
 58 26.9 24.2 36.4





#17

Carbon Disulfide

Concen: 4.517 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW006952.D

Acq: 19 Nov 2018 19:43

Instrument :

MSVOA_W

ClientSampleId :

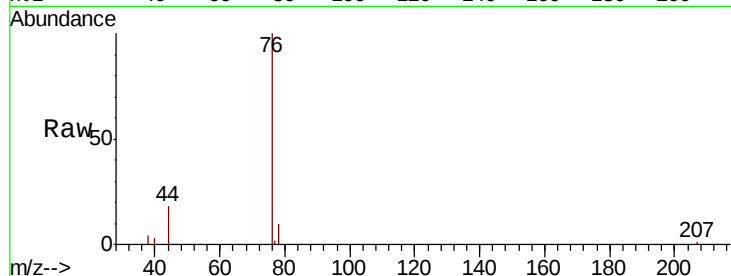
VTW-03(4-6)

Tot Ion: 76 Resp: 12177

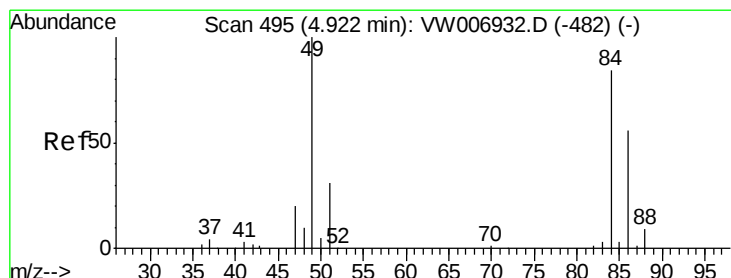
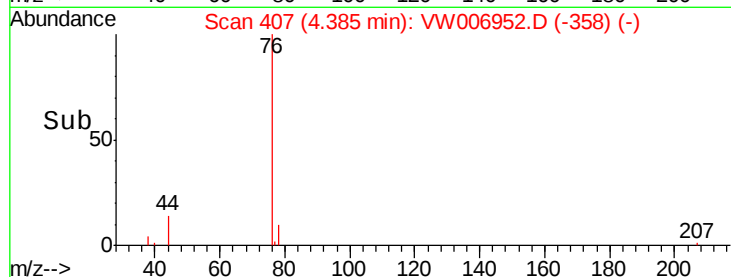
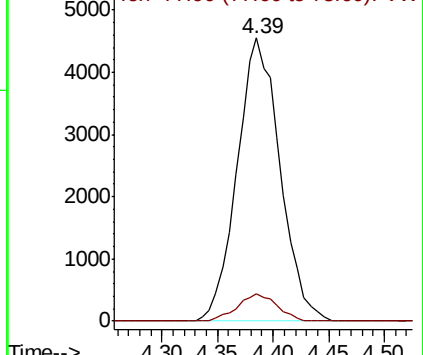
Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 2.584 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006952.D

Acq: 19 Nov 2018 19:43

Tgt Ion: 84 Resp: 6281

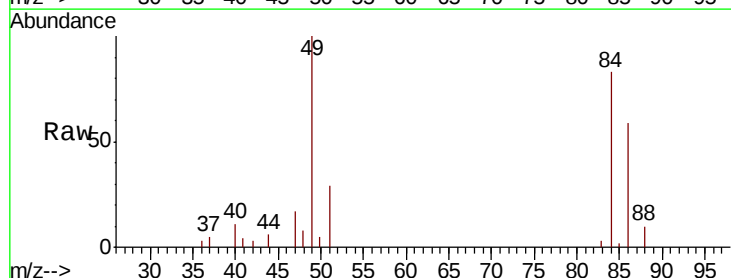
Ion Ratio Lower Upper

84 100

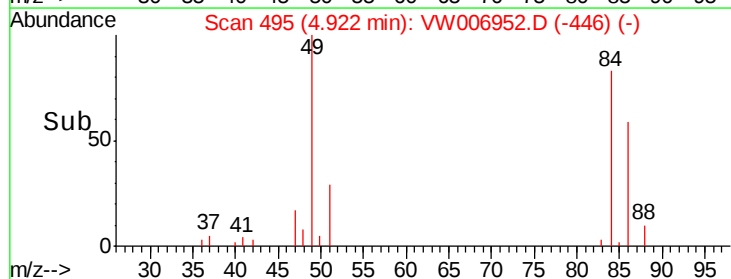
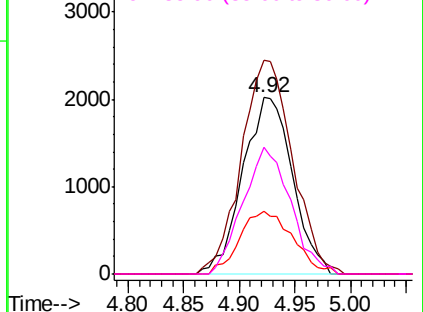
49 121.0 95.4 143.2

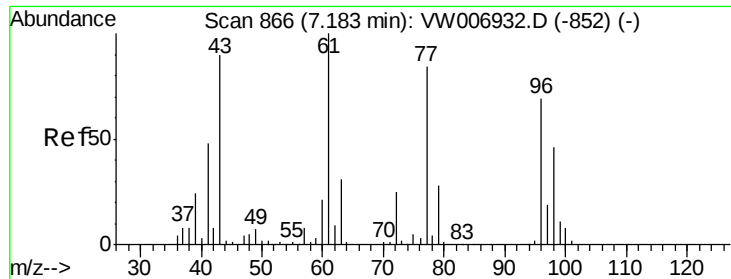
51 35.3 29.5 44.3

86 71.5 53.4 80.2



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

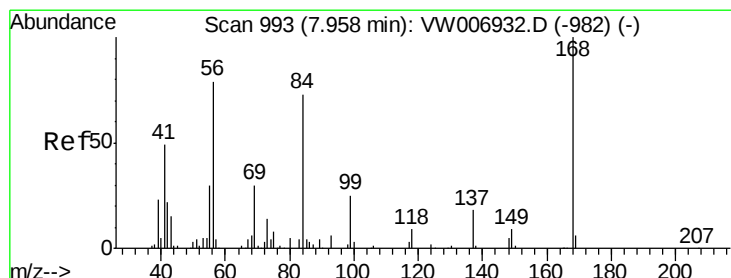
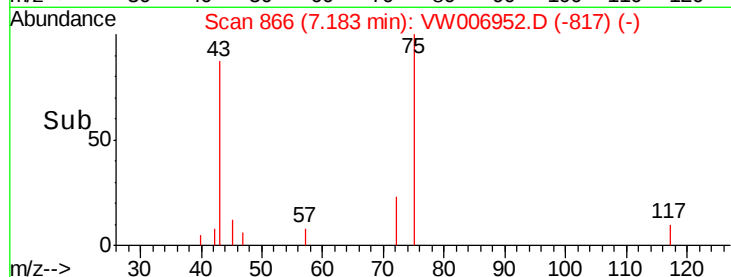
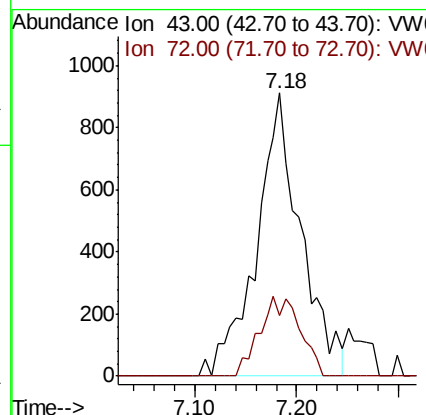
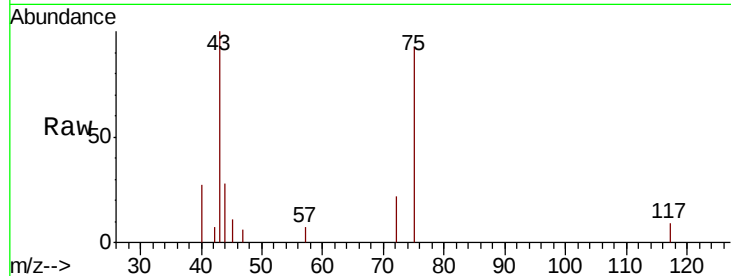




#25
2-Butanone
Concen: 10.525 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW006952.D
Acq: 19 Nov 2018 19:43

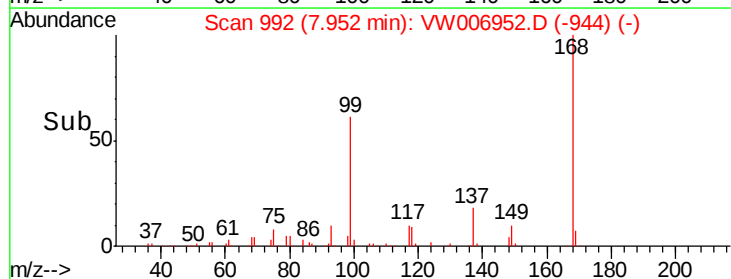
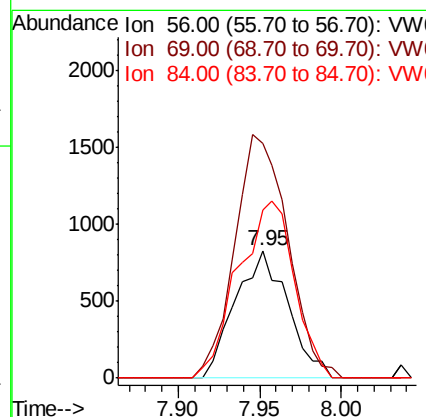
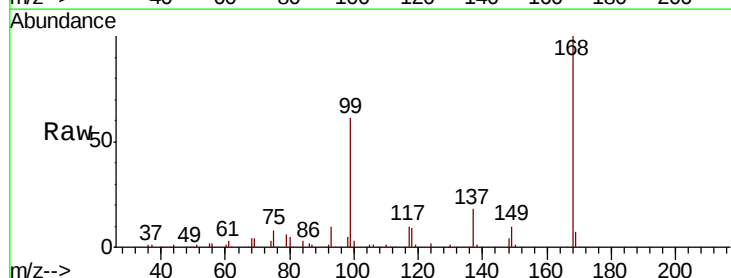
Instrument :
MSVOA_W
ClientSampleId :
VTW-03(4-6)

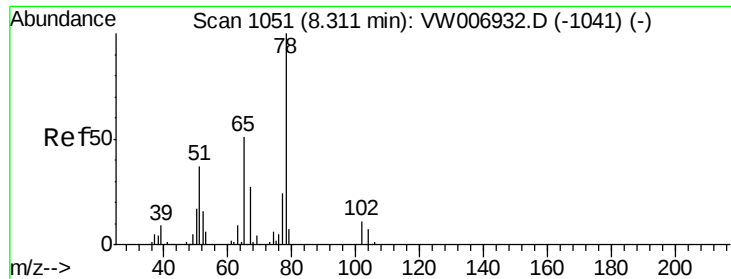
Tot Ion: 43 Resp: 2756
Ion Ratio Lower Upper
43 100
72 21.6 22.1 33.1#



#31
Cyclohexane
Concen: 1.053 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006952.D
Acq: 19 Nov 2018 19:43

Tgt Ion: 56 Resp: 1858
Ion Ratio Lower Upper
56 100
69 184.3 30.2 45.2#
84 132.4 73.6 110.4#





#33

1,2-Dichloroethane-d4

Concen: 43.415 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006952.D

Acq: 19 Nov 2018 19:43

Instrument :

MSVOA_W

ClientSampled :

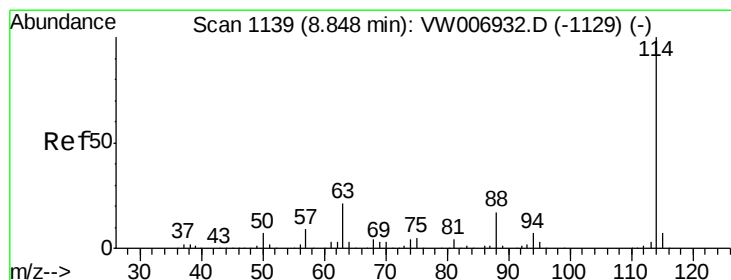
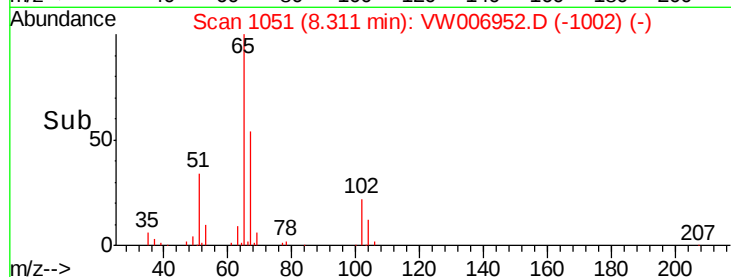
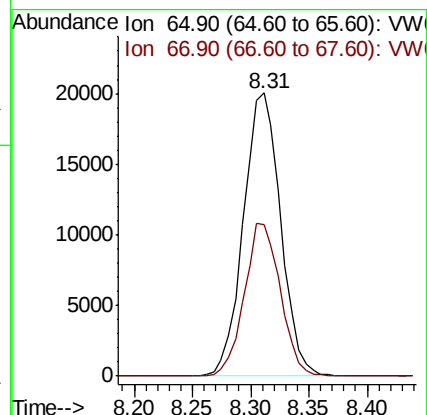
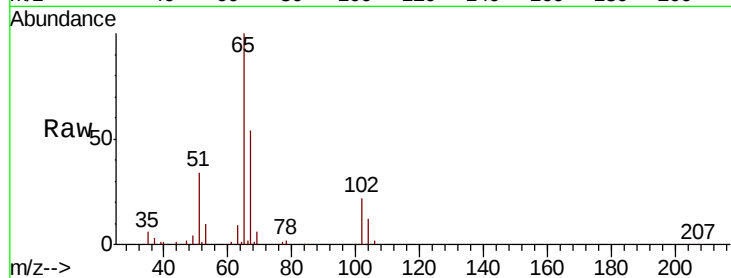
VTW-03(4-6)

Tot Ion: 65 Resp: 44750

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006952.D

Acq: 19 Nov 2018 19:43

Tgt Ion: 114 Resp: 142159

Ion Ratio Lower Upper

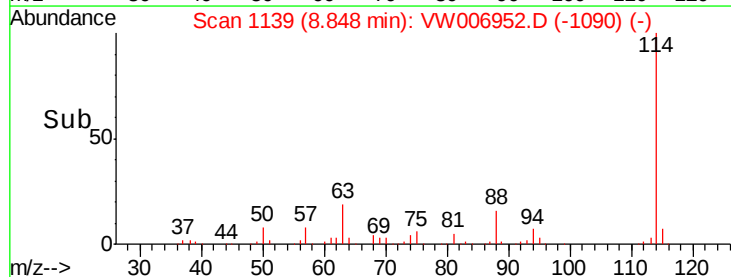
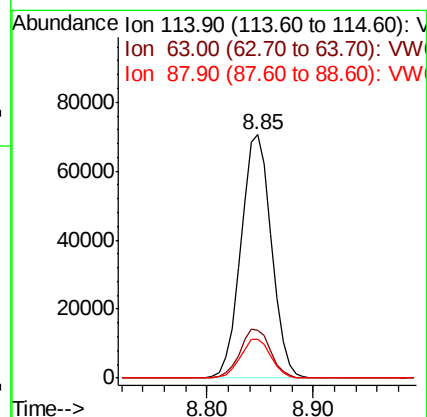
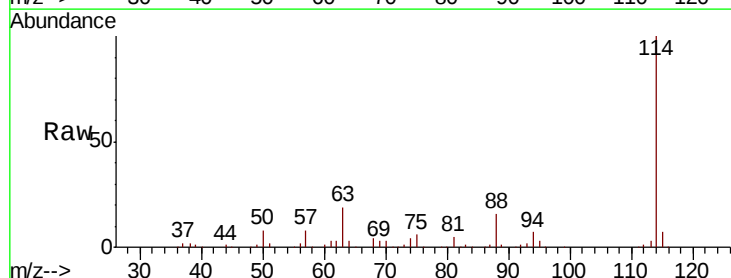
114 100

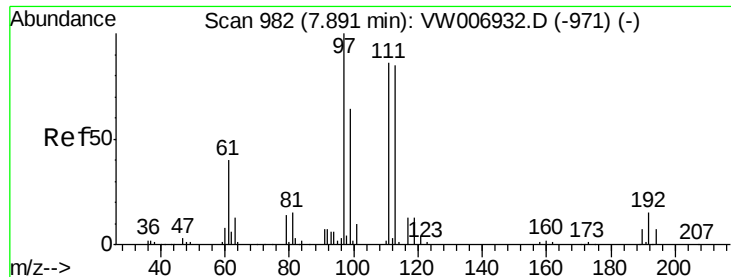
63 19.4

0.0 42.2

88 16.1

0.0 33.4

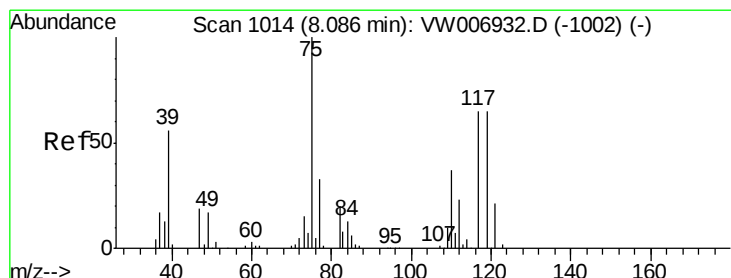
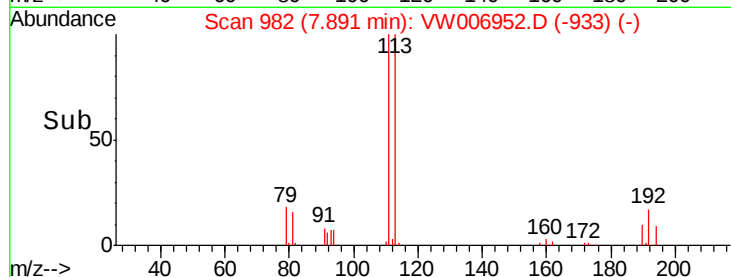
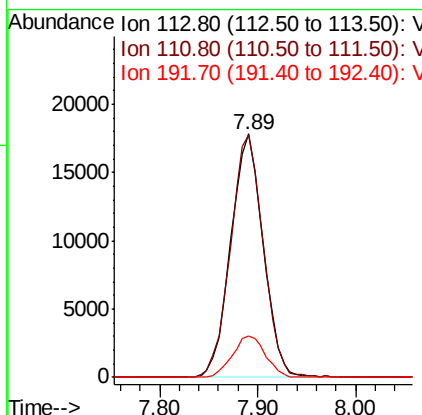
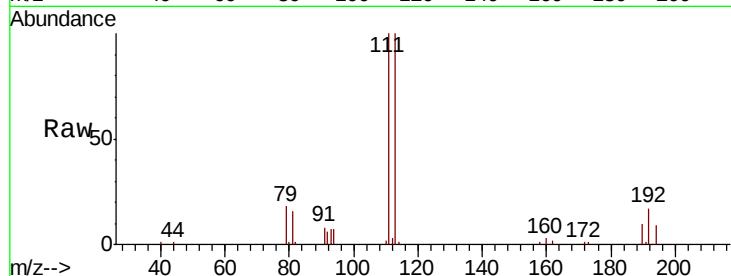




#35
 Dibromofluoromethane
 Concen: 49.135 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006952.D
 Acq: 19 Nov 2018 19:43

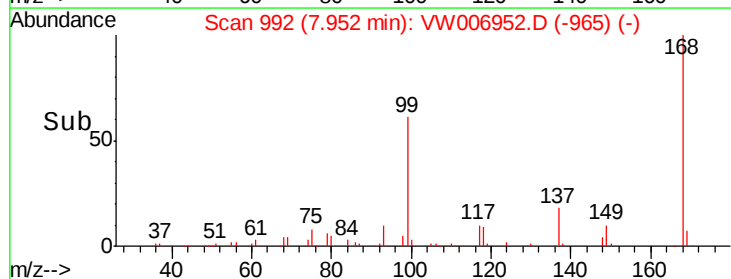
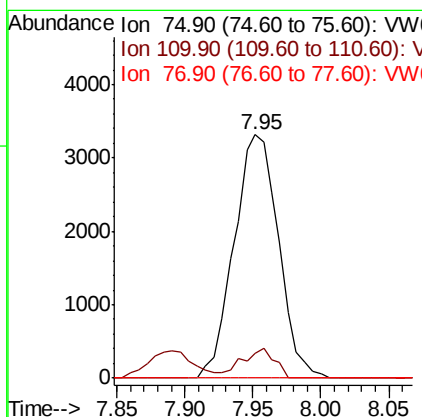
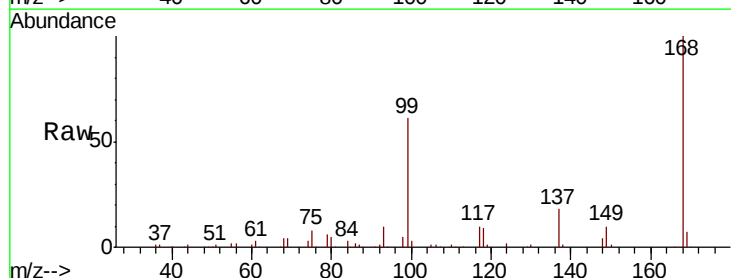
Instrument :
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 VTW-03(4-6)

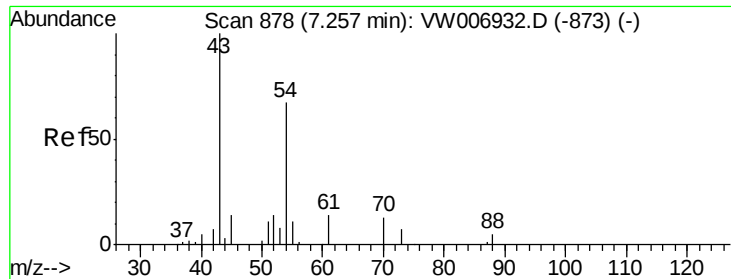
Tot Ion:113 Resp: 40899
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.7 122.5
 192 17.3 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 5.580 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006952.D
 Acq: 19 Nov 2018 19:43

Tgt Ion: 75 Resp: 7557
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.1 54.1#
 77 0.0 25.4 38.0#

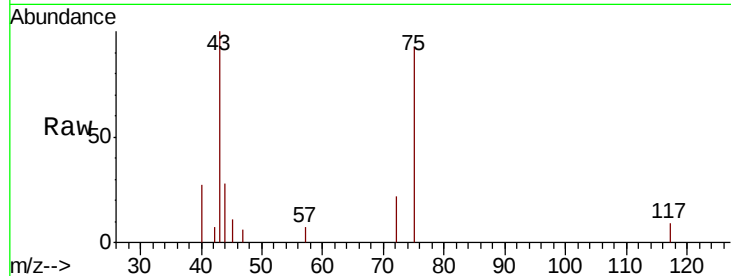




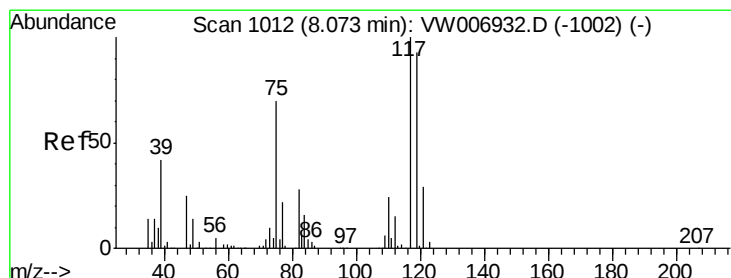
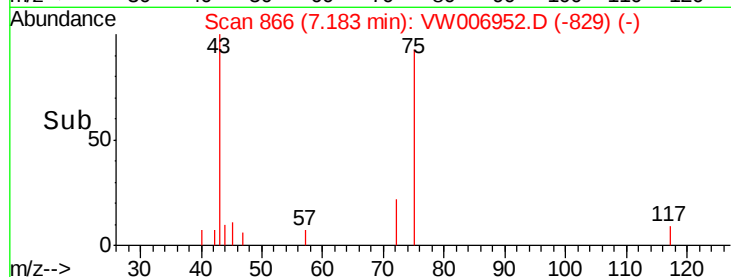
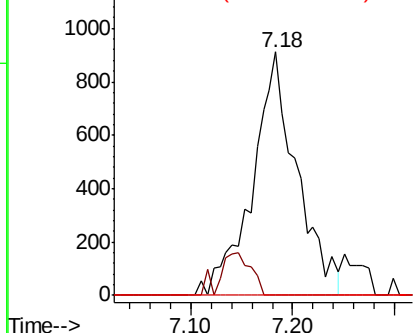
#37
Ethyl Acetate
Concen: 4.786 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.07 min
Lab File: VW006952.D
Acq: 19 Nov 2018 19:43

Instrument :
MSVOA_W
ClientSampleId :
VTW-03(4-6)

Tot Ion: 43 Resp: 2756
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.6#
70 0.0 8.8 13.2#

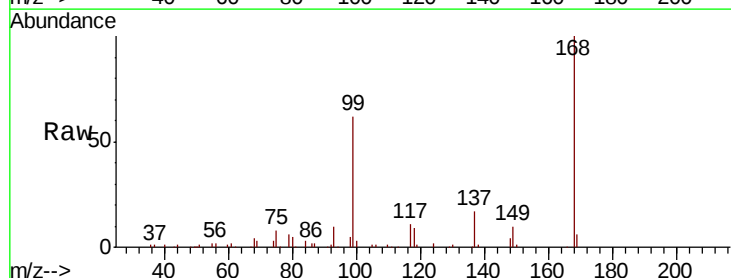


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

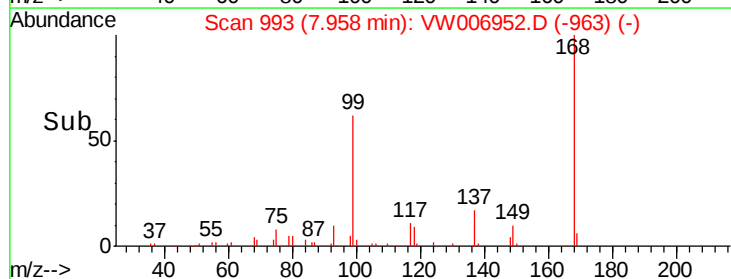
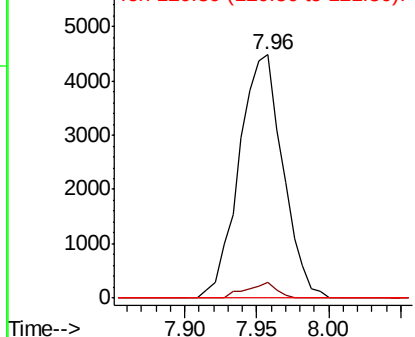


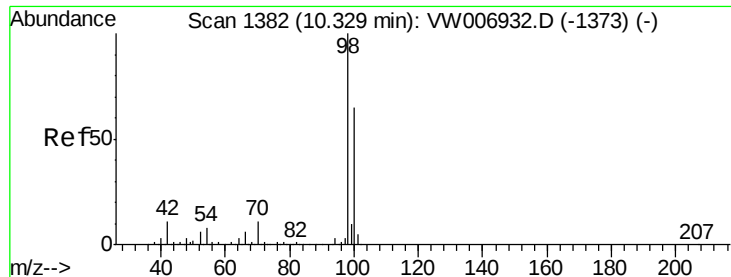
#38
Carbon Tetrachloride
Concen: 7.105 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW006952.D
Acq: 19 Nov 2018 19:43

Tgt Ion: 117 Resp: 9456
Ion Ratio Lower Upper
117 100
119 6.3 74.2 111.4#
121 0.0 23.5 35.3#



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: 40.893 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006952.D

Acq: 19 Nov 2018 19:43

Instrument :

MSVOA_W

ClientSampleId :

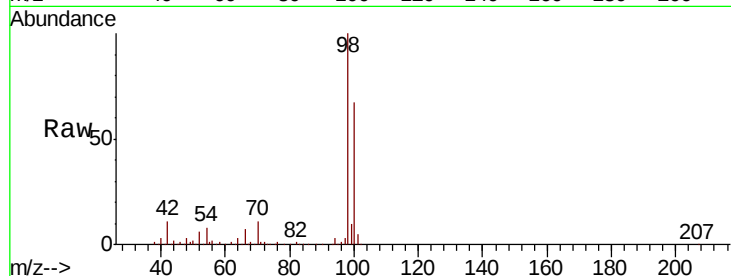
VTW-03(4-6)

Tot Ion: 98 Resp: 146277

Ion Ratio Lower Upper

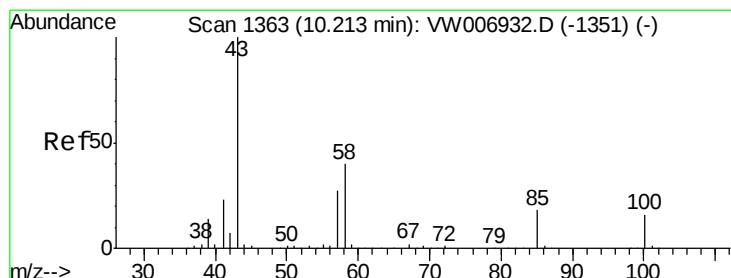
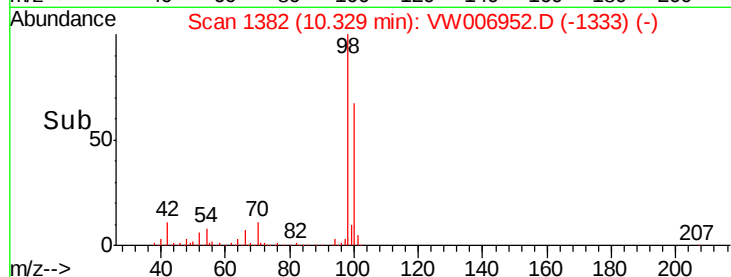
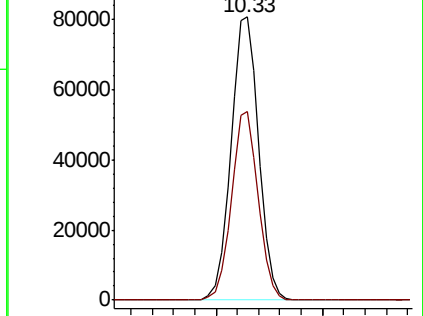
98 100

100 64.7 52.3 78.5



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: 1.440 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006952.D

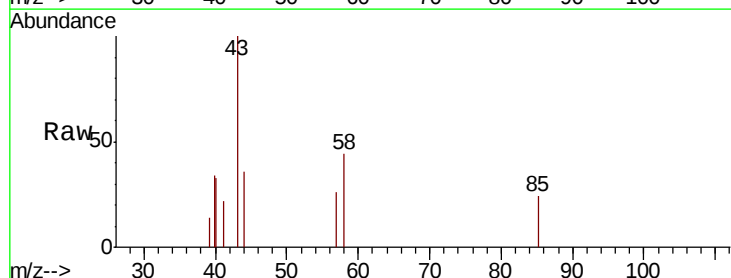
Acq: 19 Nov 2018 19:43

Tgt Ion: 43 Resp: 784

Ion Ratio Lower Upper

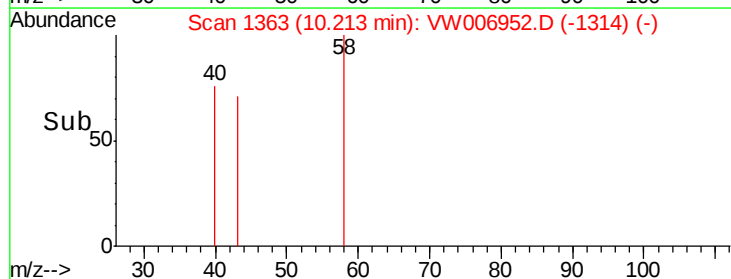
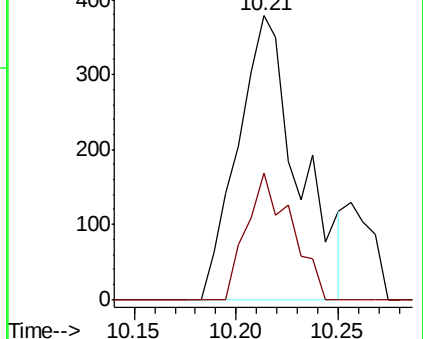
43 100

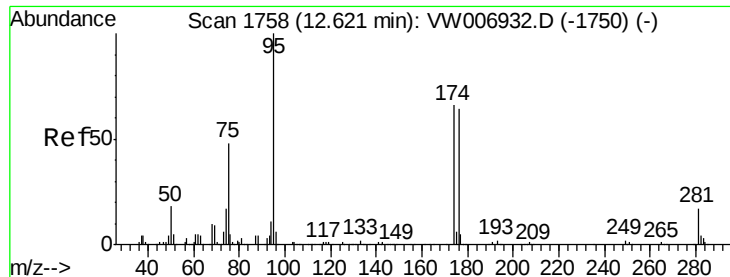
58 32.5 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

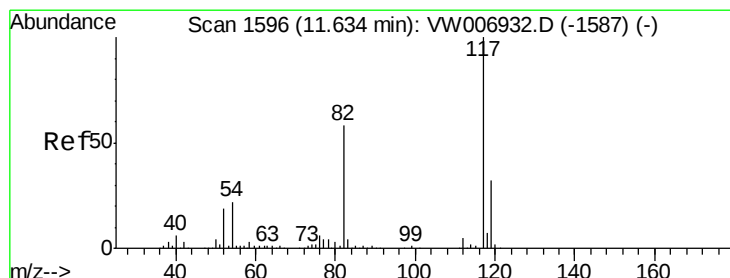
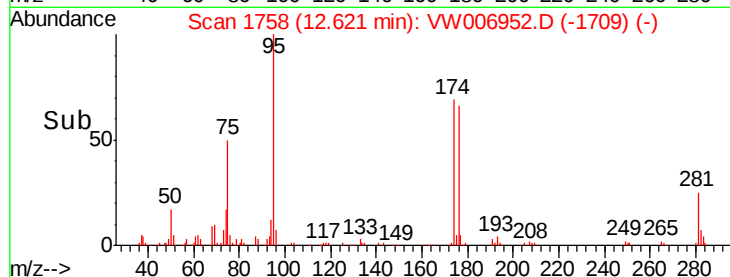
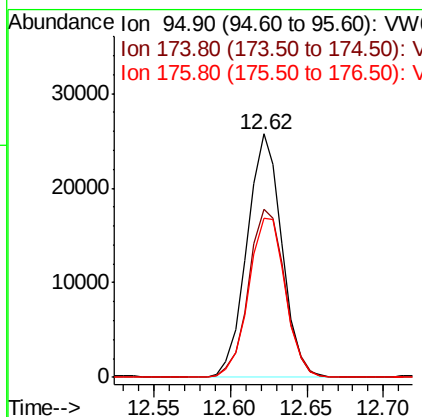
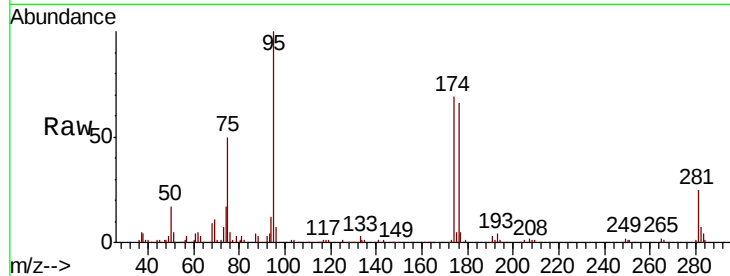




#62
4-Bromofluorobenzene
Concen: 29.202 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006952.D
Acq: 19 Nov 2018 19:43

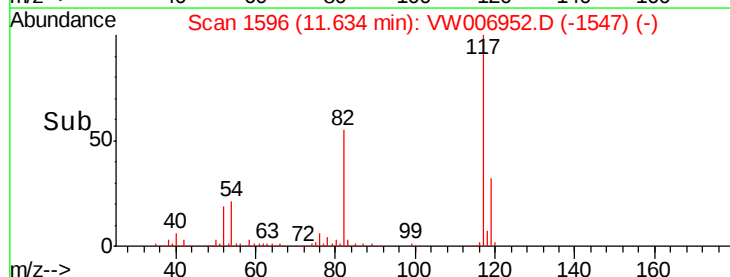
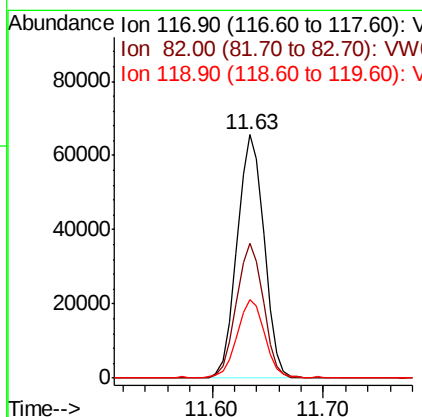
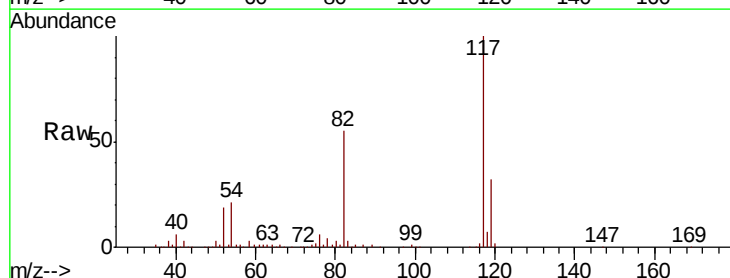
Instrument :
MSVOA_W
ClientSampleId :
VTW-03(4-6)

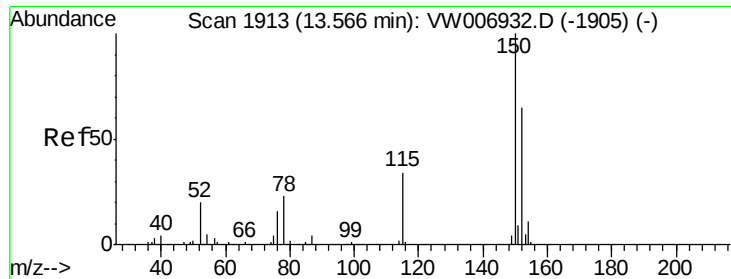
Tot Ion: 95 Resp: 40731
Ion Ratio Lower Upper
95 100
174 71.8 0.0 138.4
176 68.8 0.0 133.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006952.D
Acq: 19 Nov 2018 19:43

Tgt Ion: 117 Resp: 110065
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.2
119 31.9 25.5 38.3



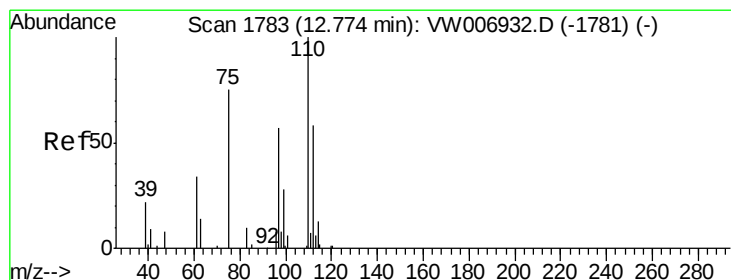
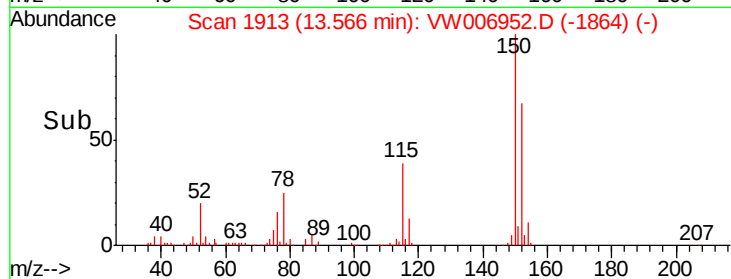
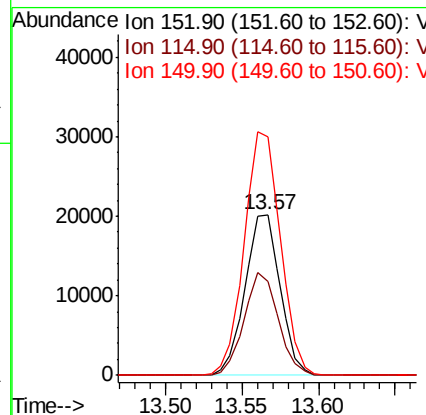
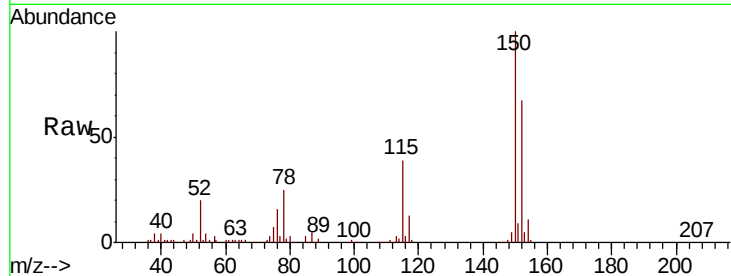


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006952.D
Acq: 19 Nov 2018 19:43

Instrument :
MSVOA_W
ClientSampleId :
VTW-03(4-6)

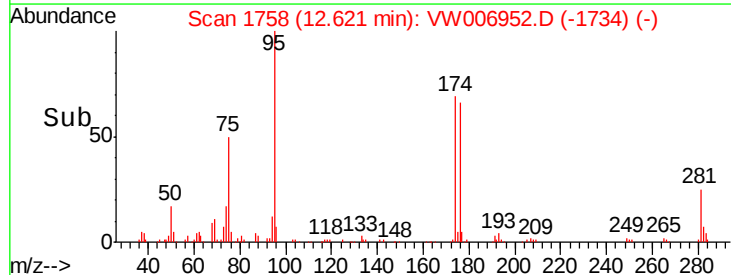
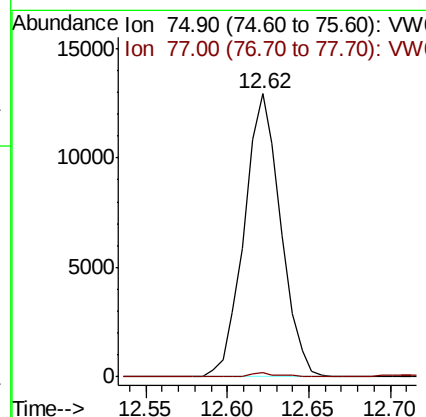
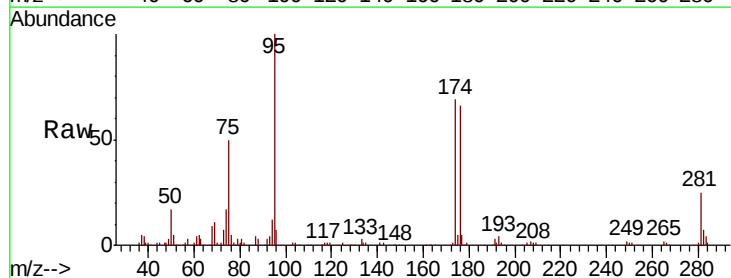
Tot Ion:152 Resp: 32182
Ion Ratio Lower Upper
152 100
115 62.3 31.6 94.7
150 156.5 0.0 350.0

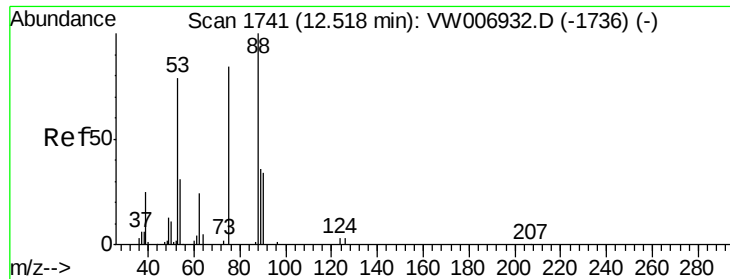


#76

1,2,3-Trichloropropane
Concen: 78.153 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006952.D
Acq: 19 Nov 2018 19:43

Tgt Ion: 75 Resp: 20212
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

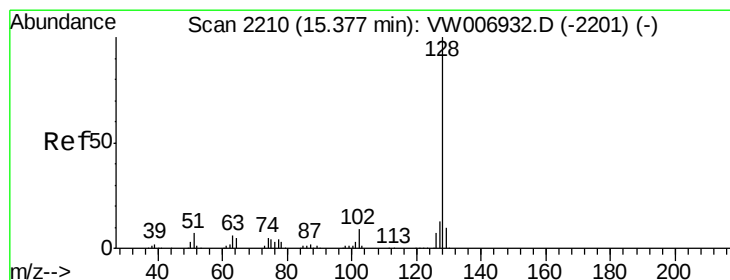
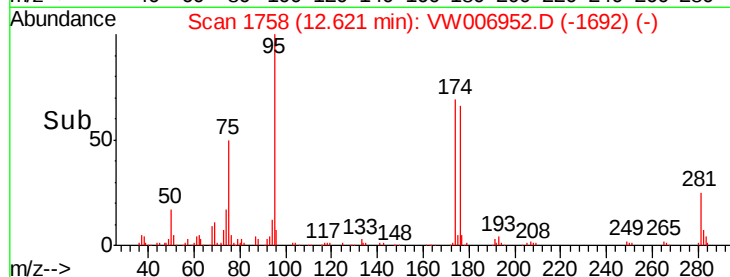
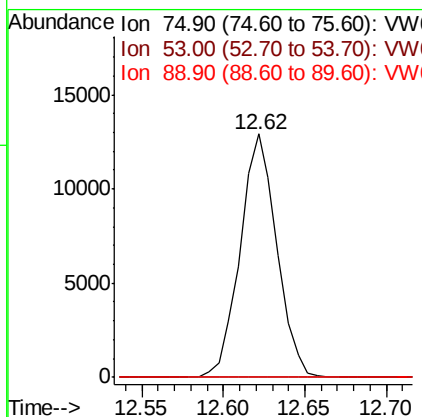
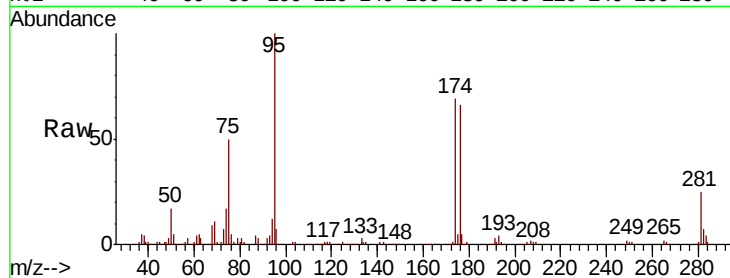




#81
trans-1,4-Dichloro-2-butene
Concen: 177.904 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW006952.D
Acq: 19 Nov 2018 19:43

Instrument :
MSVOA_W
ClientSampleId :
VTW-03(4-6)

Tot Ion: 75 Resp: 20212
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 1.517 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW006952.D
Acq: 19 Nov 2018 19:43

Tgt Ion: 128 Resp: 1817
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.3 8.5 12.7

