

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030719\
 Data File : VW009050.D
 Acq On : 07 Mar 2019 19:58
 Operator : SY/VA
 Sample : K1757-07
 Misc : 5.91G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6CD-D

Quant Time: Mar 08 05:44:21 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	295936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	468825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	409385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	173651	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	173897	58.41	ug/l	0.00
Spiked Amount			Recovery	=	116.82%	
35) Dibromofluoromethane	7.88	113	147361	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
50) Toluene-d8	10.32	98	559652	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
62) 4-Bromofluorobenzene	12.62	95	181723	39.82	ug/l	0.00
Spiked Amount			Recovery	=	79.64%	

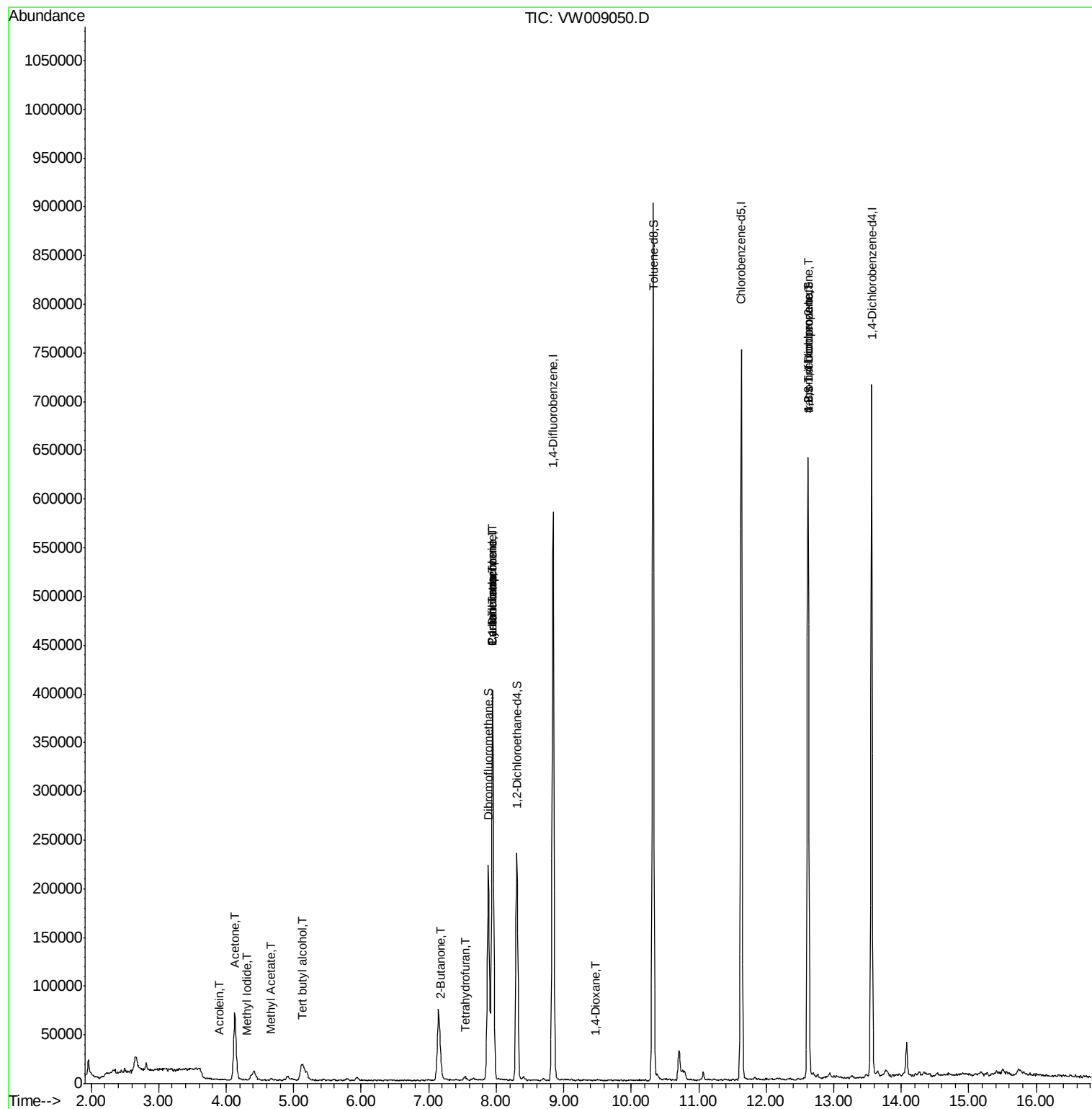
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.31	142	25	3.194	ug/l #	40
11) Tert butyl alcohol	5.12	59	10638	46.625	ug/l #	80
13) Acrolein	3.90	56	393	1.565	ug/l #	63
16) Acetone	4.13	43	116304	173.103	ug/l	96
18) Methyl Acetate	4.67	43	1653	1.070	ug/l #	70
20) Methylene Chloride	4.92	84	2295	Below Cal		92
25) 2-Butanone	7.18	43	15758	16.971	ug/l	97
29) Tetrahydrofuran	7.55	42	2689	4.595	ug/l #	88
31) Cyclohexane	7.95	56	7276	1.310	ug/l #	24
36) 1,1-Dichloropropene	7.95	75	23779	4.851	ug/l #	51
38) Carbon Tetrachloride	7.95	117	29186	5.765	ug/l #	17
49) 1,4-Dioxane	9.46	88	29	1.131	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	95631	69.703	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	95631	155.906	ug/l #	5

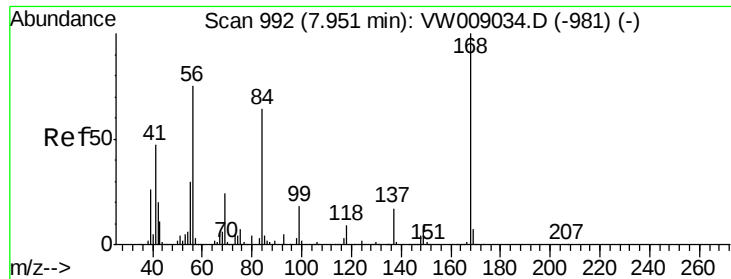
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW030719\
Data File : VW009050.D
Acq On : 07 Mar 2019 19:58
Operator : SY/VA
Sample : K1757-07
Misc : 5.91G/5ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-6CD-D

Quant Time: Mar 08 05:44:21 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: VW009050.D

Acq: 07 Mar 2019 19:58

Instrument :

MSVOA_W

ClientSampleId :

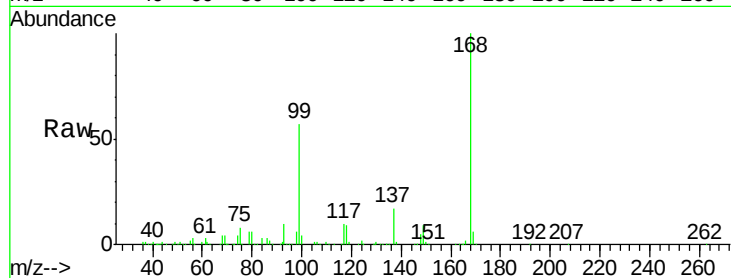
TP-6CD-D

Tgt Ion:168 Resp: 295936

Ion Ratio Lower Upper

168 100

99 57.3 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

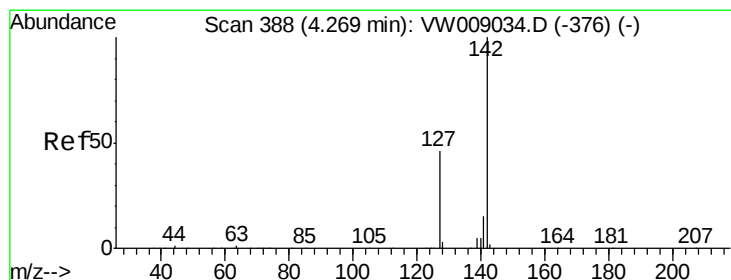
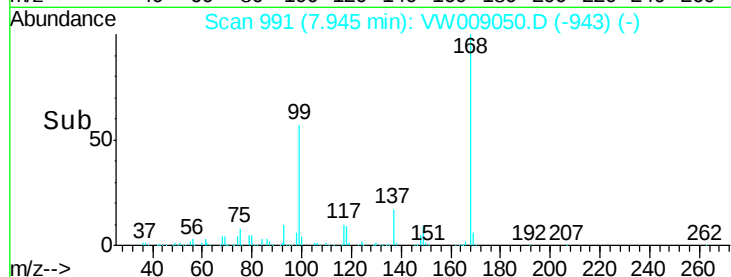
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 3.194 ug/l

RT: 4.31 min Scan# 395

Delta R.T. 0.04 min

Lab File: VW009050.D

Acq: 07 Mar 2019 19:58

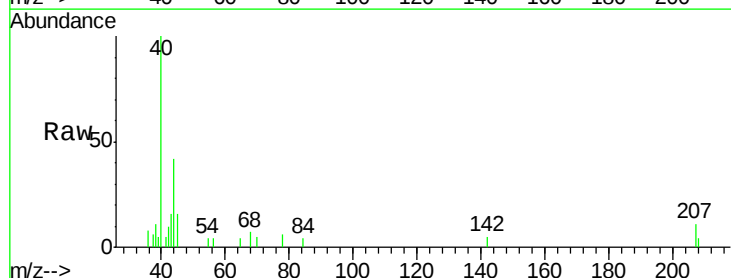
Tgt Ion:142 Resp: 25

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

4.31

100

80

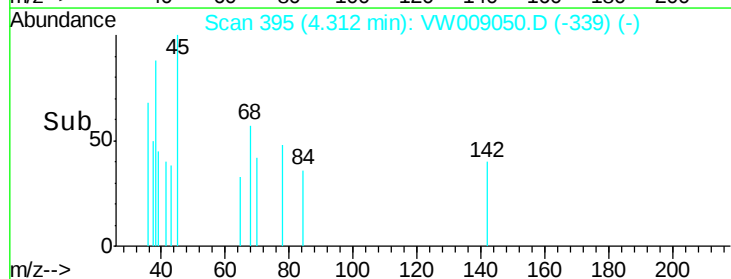
60

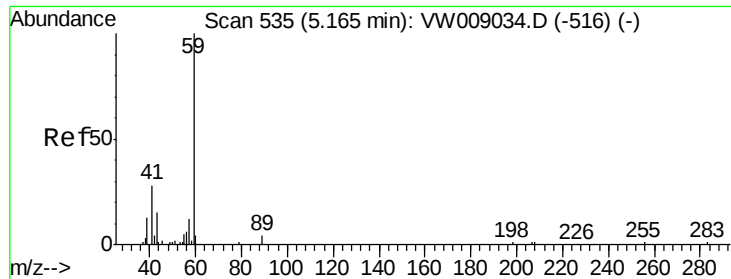
40

20

0

Time-->

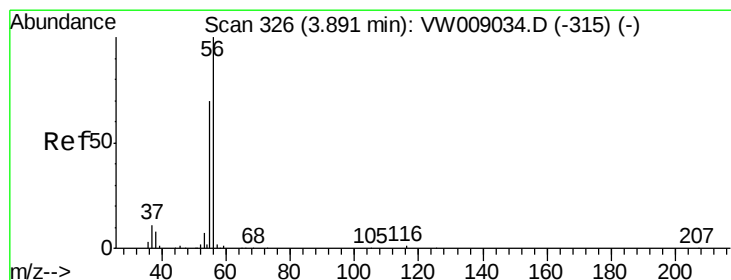
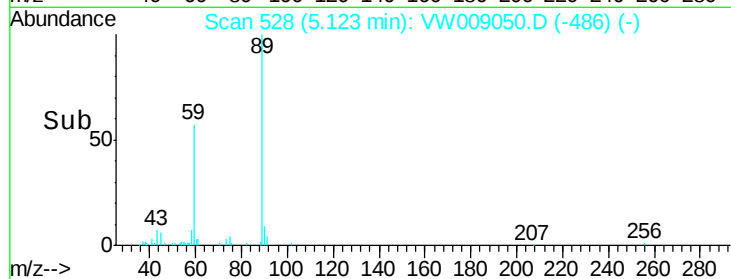
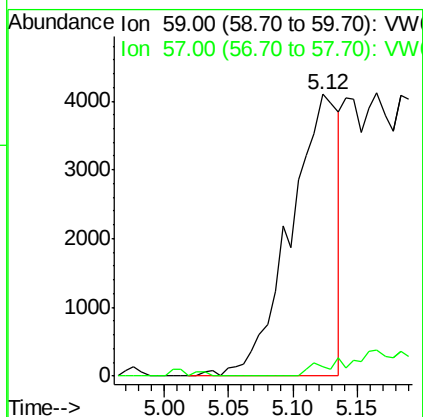
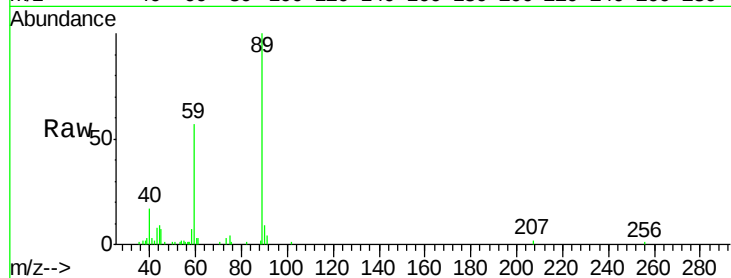




#11
Tert butyl alcohol
Concen: 46.625 ug/l
RT: 5.12 min Scan# 528
Delta R.T. -0.04 min
Lab File: VW009050.D
Acq: 07 Mar 2019 19:58

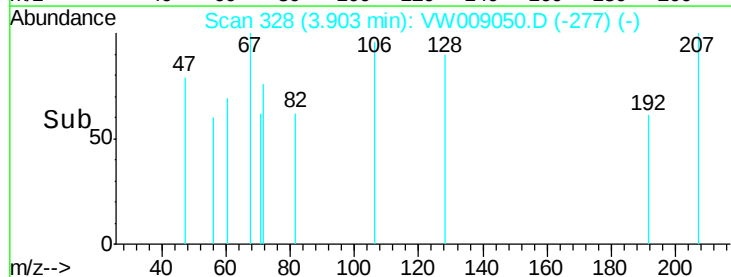
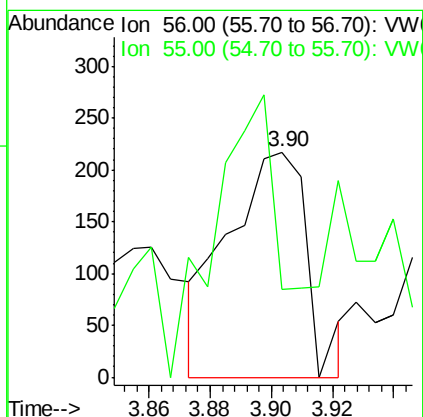
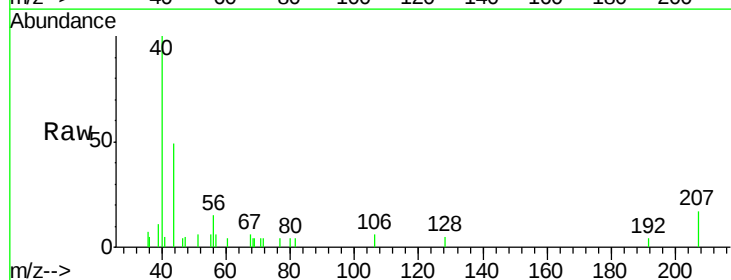
Instrument :
MSVOA_W
ClientSampleId :
TP-6CD-D

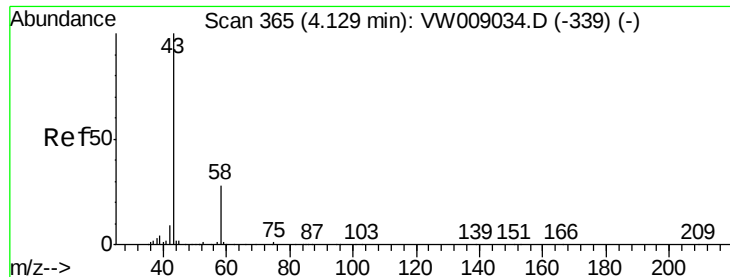
Tgt Ion: 59 Resp: 10638
Ion Ratio Lower Upper
59 100
57 3.2 8.6 12.8#



#13
Acrolein
Concen: 1.565 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.01 min
Lab File: VW009050.D
Acq: 07 Mar 2019 19:58

Tgt Ion: 56 Resp: 393
Ion Ratio Lower Upper
56 100
55 101.5 56.6 84.8#

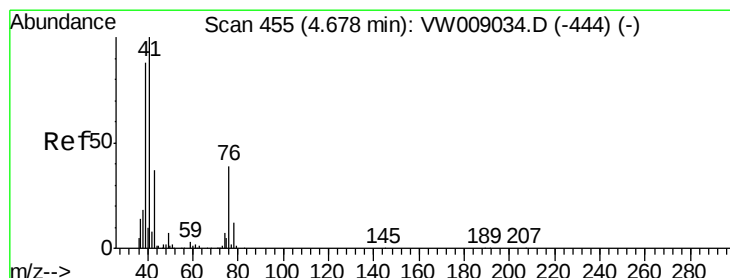
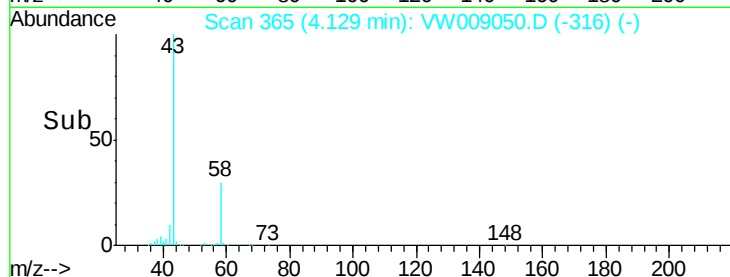
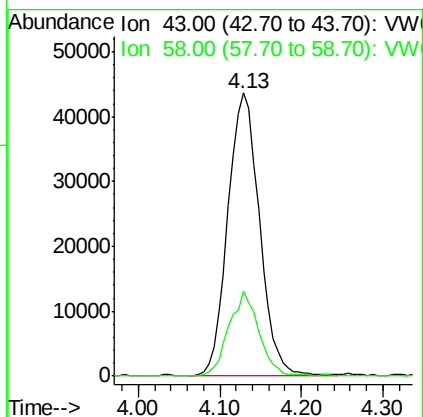
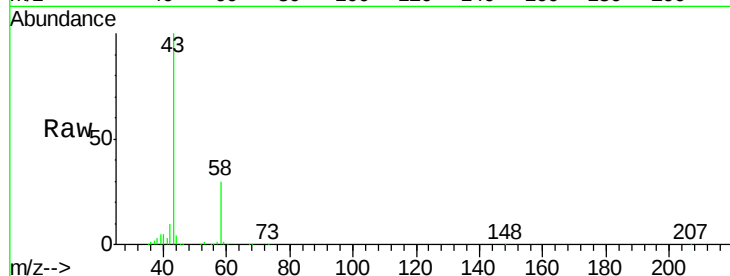




#16
Acetone
Concen: 173.103 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW009050.D
Acq: 07 Mar 2019 19:58

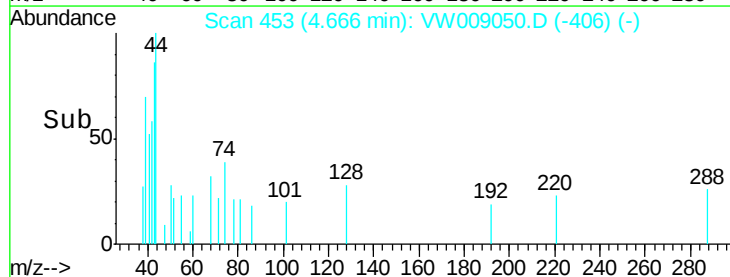
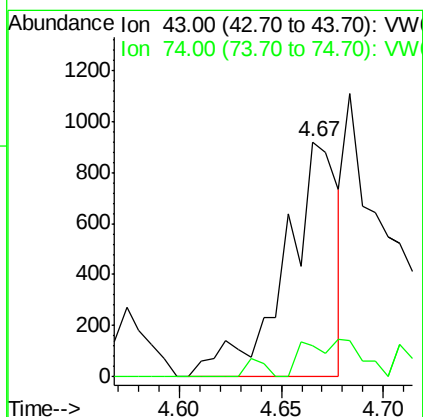
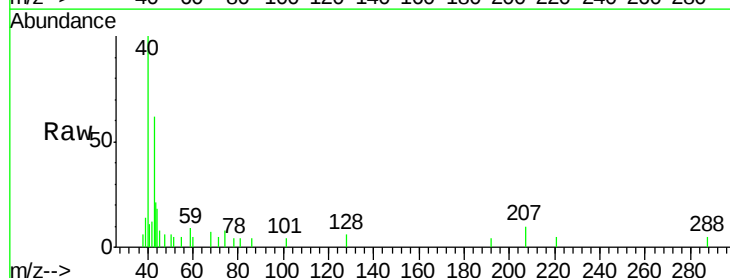
Instrument :
MSVOA_W
ClientSampleId :
TP-6CD-D

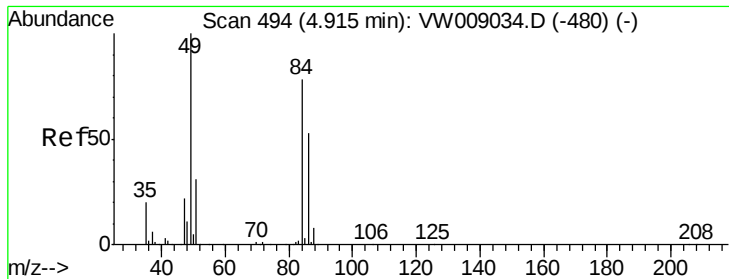
Tgt Ion: 43 Resp: 116304
Ion Ratio Lower Upper
43 100
58 30.2 22.5 33.7



#18
Methyl Acetate
Concen: 1.070 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW009050.D
Acq: 07 Mar 2019 19:58

Tgt Ion: 43 Resp: 1653
Ion Ratio Lower Upper
43 100
74 7.7 17.6 26.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009050.D

Acq: 07 Mar 2019 19:58

Instrument :

MSVOA_W

ClientSampleId :

TP-6CD-D

Tgt Ion: 84 Resp: 2295

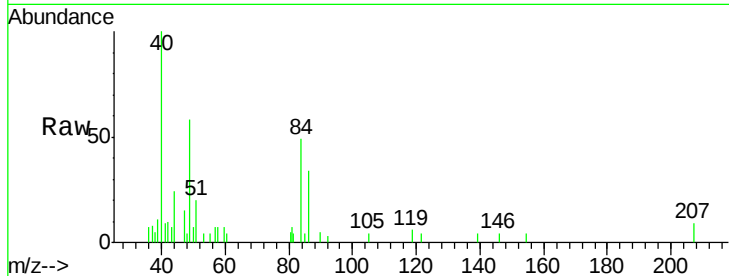
Ion Ratio Lower Upper

84 100

49 112.3 102.4 153.6

51 41.1 31.6 47.4

86 69.1 54.5 81.7

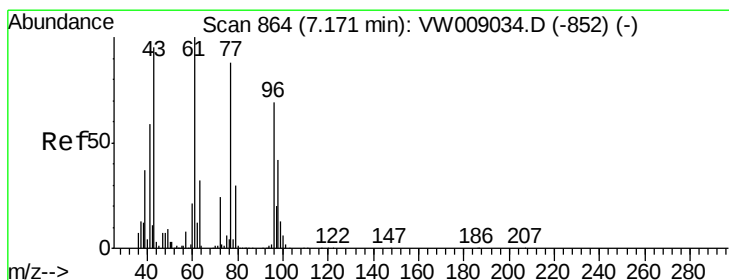
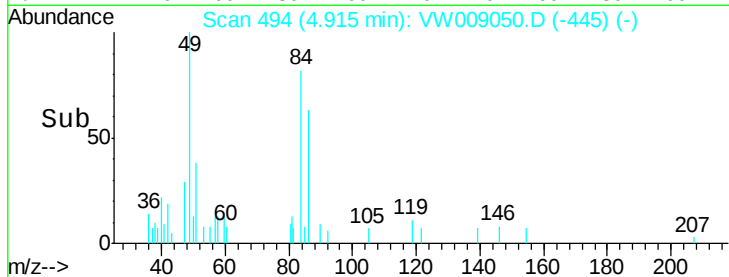
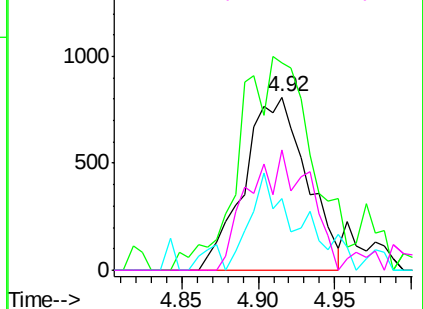


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 16.971 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW009050.D

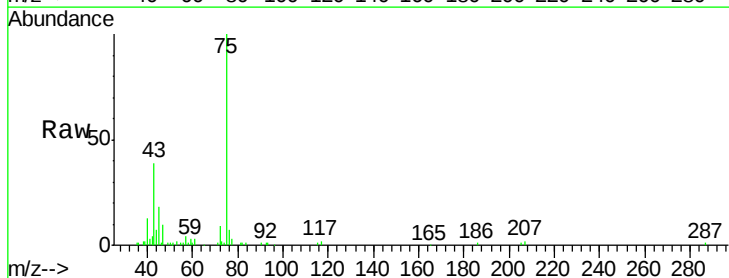
Acq: 07 Mar 2019 19:58

Tgt Ion: 43 Resp: 15758

Ion Ratio Lower Upper

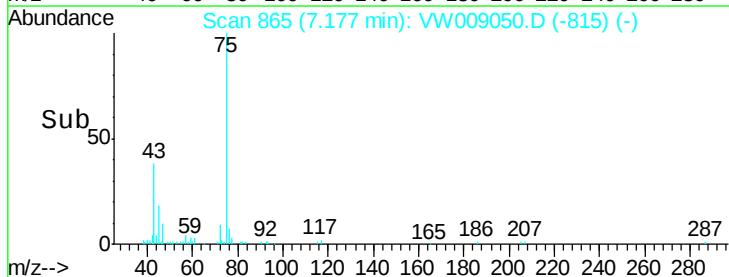
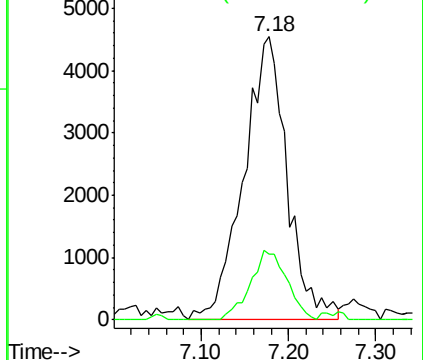
43 100

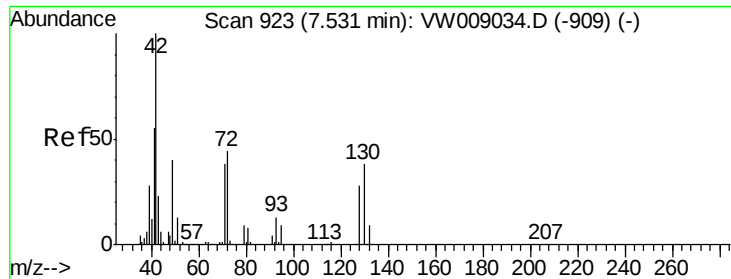
72 23.4 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

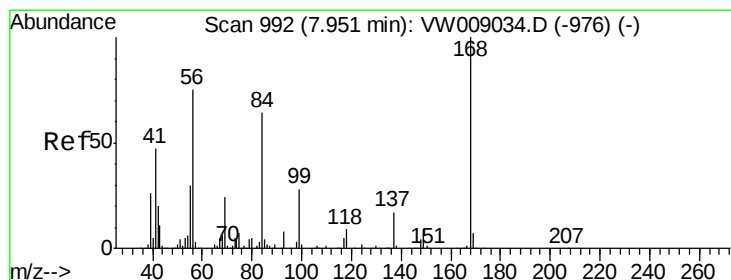
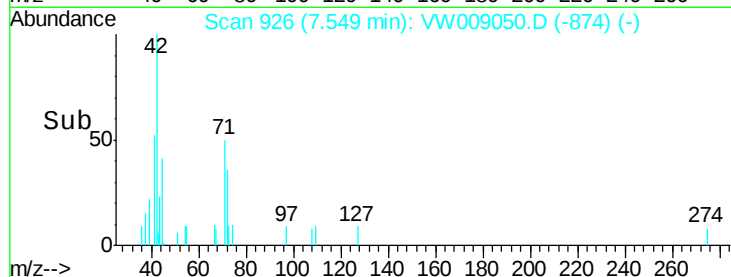
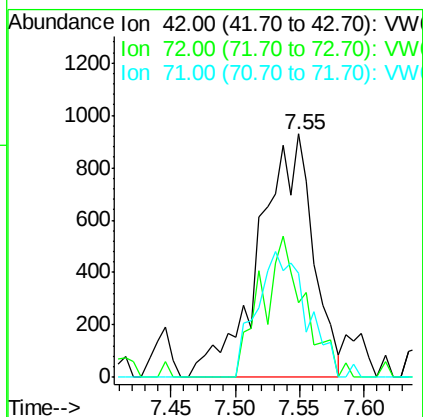
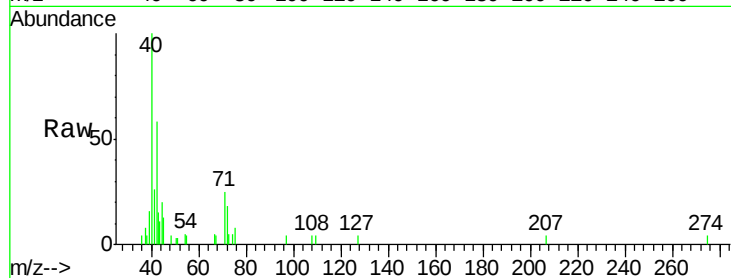




#29
Tetrahydrofuran
Concen: 4.595 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW009050.D
Acq: 07 Mar 2019 19:58

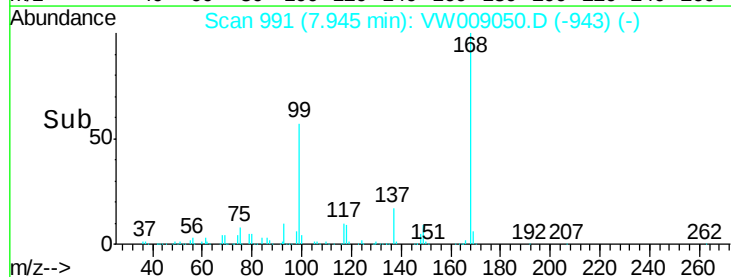
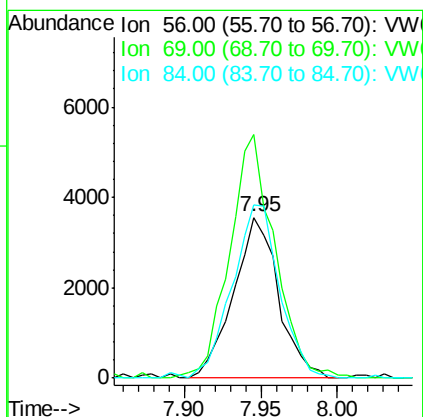
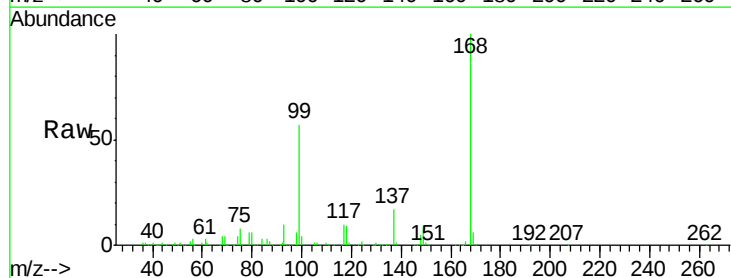
Instrument :
MSVOA_W
ClientSampled :
TP-6CD-D

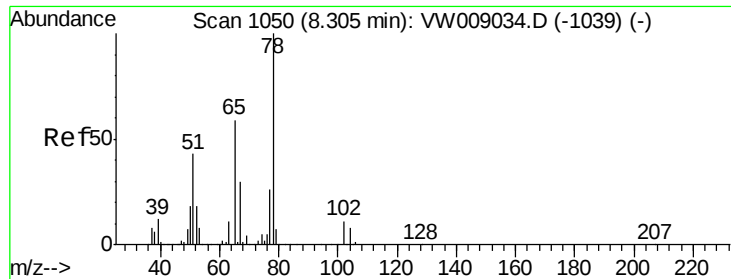
Tgt Ion: 42 Resp: 2689
Ion Ratio Lower Upper
42 100
72 46.3 32.2 48.4
71 47.6 30.7 46.1#



#31
Cyclohexane
Concen: 1.310 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009050.D
Acq: 07 Mar 2019 19:58

Tgt Ion: 56 Resp: 7276
Ion Ratio Lower Upper
56 100
69 152.7 25.5 38.3#
84 108.0 68.6 103.0#

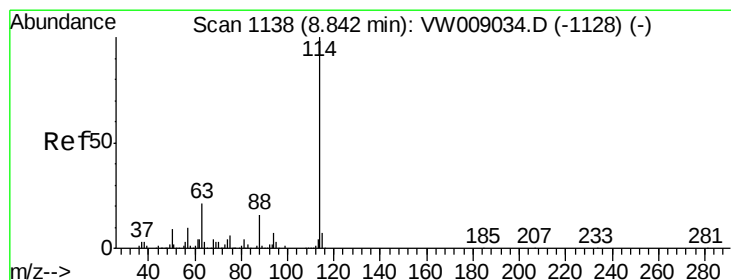
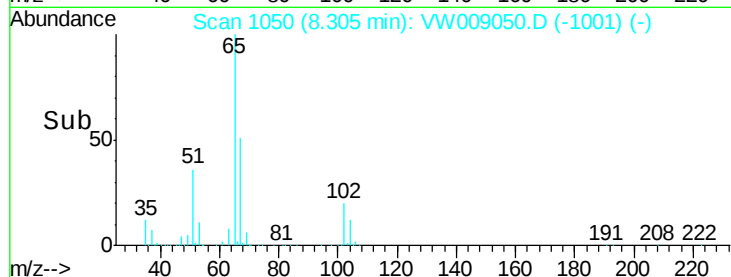
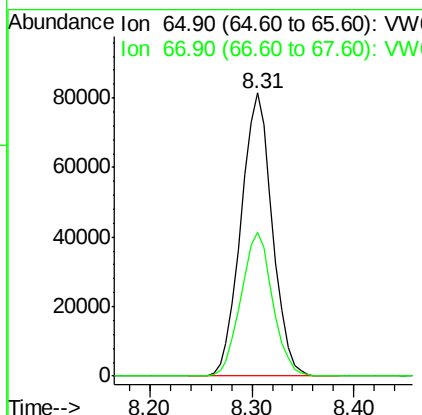
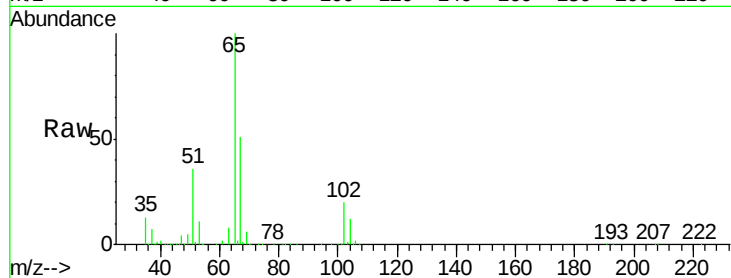




#33
 1,2-Dichloroethane-d4
 Concen: 58.406 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009050.D
 Acq: 07 Mar 2019 19:58

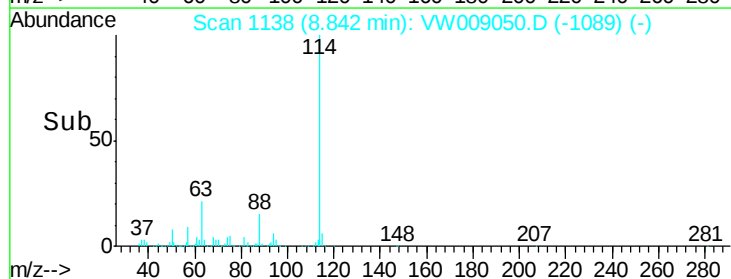
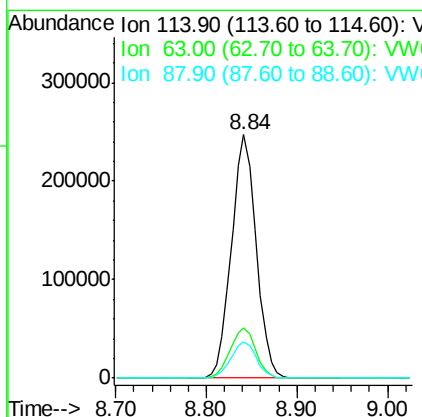
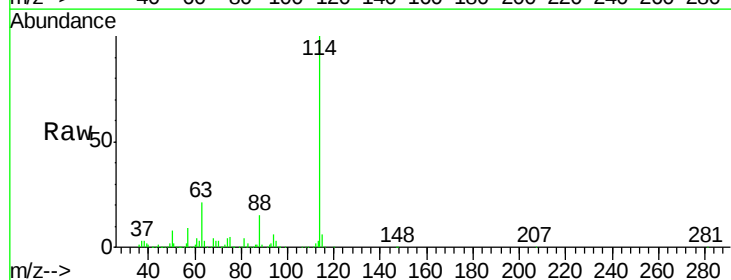
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6CD-D

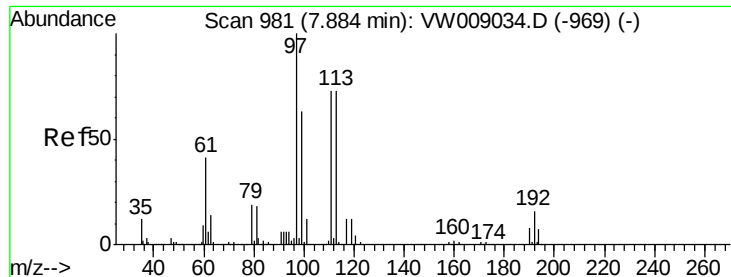
Tgt Ion: 65 Resp: 173897
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009050.D
 Acq: 07 Mar 2019 19:58

Tgt Ion: 114 Resp: 468825
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.2
 88 14.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.205 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009050.D

Acq: 07 Mar 2019 19:58

Instrument :

MSVOA_W

ClientSampleId :

TP-6CD-D

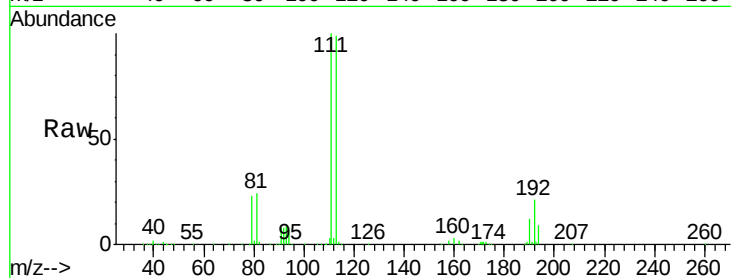
Tgt Ion:113 Resp: 147361

Ion Ratio Lower Upper

113 100

111 100.8 81.0 121.4

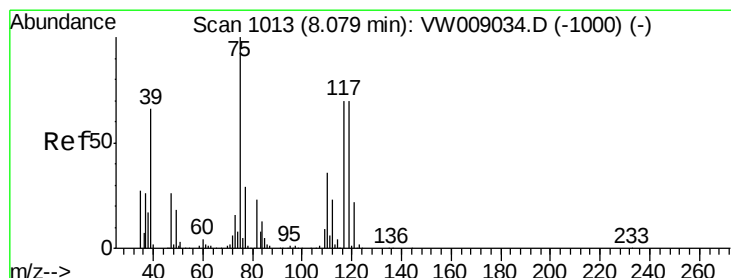
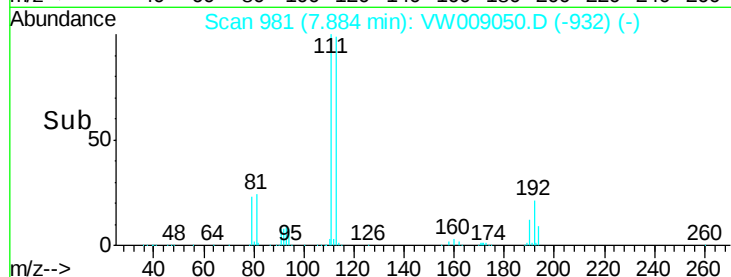
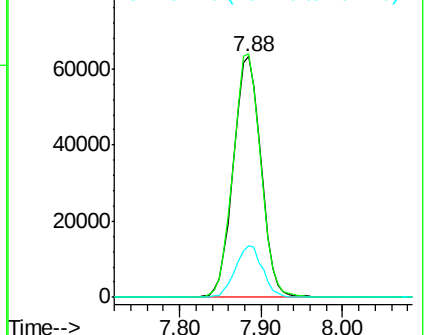
192 21.1 17.1 25.7



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: 4.851 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW009050.D

Acq: 07 Mar 2019 19:58

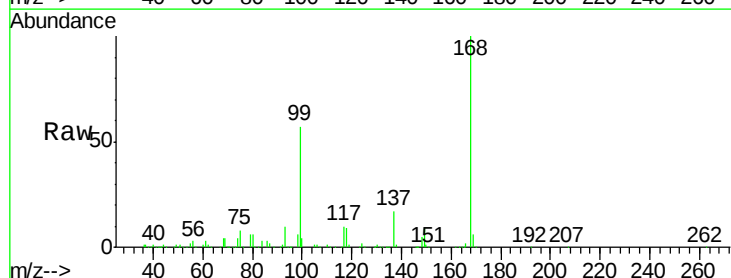
Tgt Ion: 75 Resp: 23779

Ion Ratio Lower Upper

75 100

110 10.0 17.6 52.9#

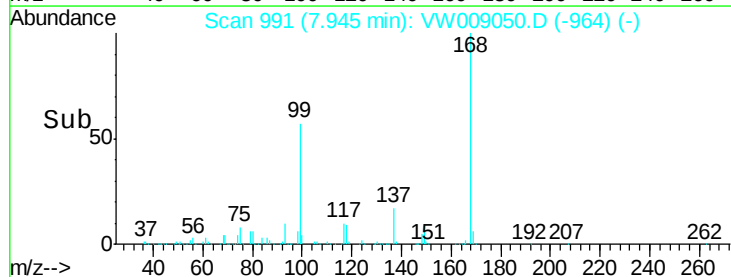
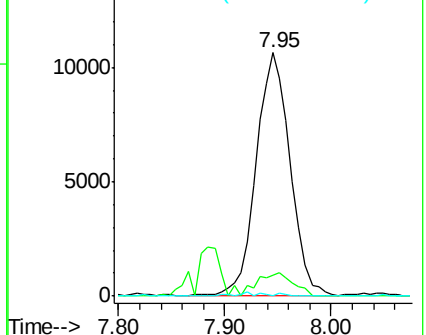
77 0.3 25.1 37.7#

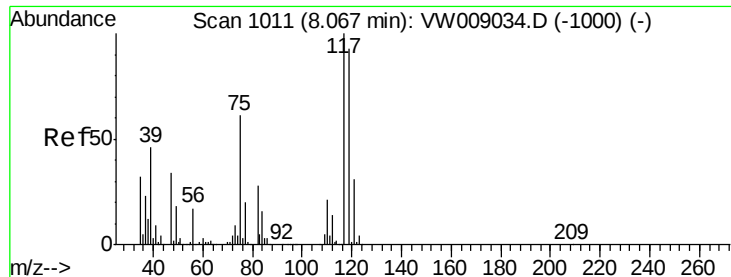


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.765 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW009050.D

Acq: 07 Mar 2019 19:58

Instrument :

MSVOA_W

ClientSampled :

TP-6CD-D

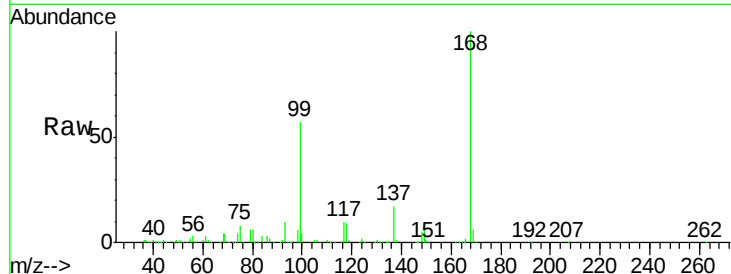
Tgt Ion:117 Resp: 29186

Ion Ratio Lower Upper

117 100

119 5.3 74.6 112.0#

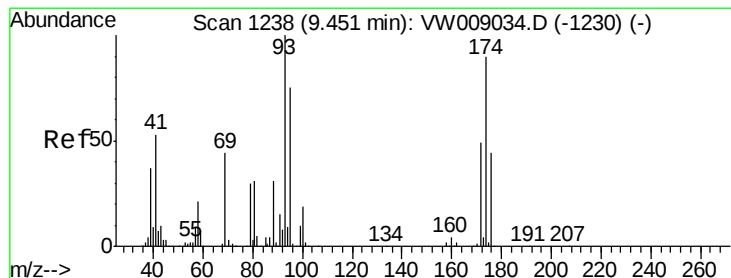
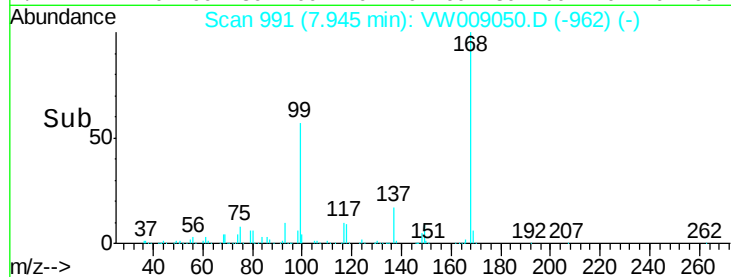
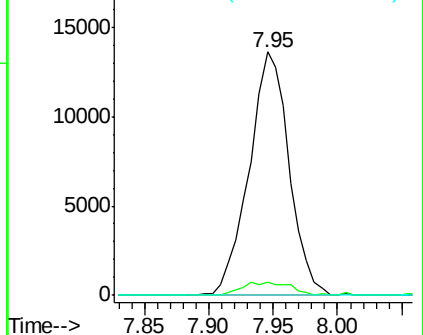
121 0.0 24.7 37.1#



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: 1.131 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW009050.D

Acq: 07 Mar 2019 19:58

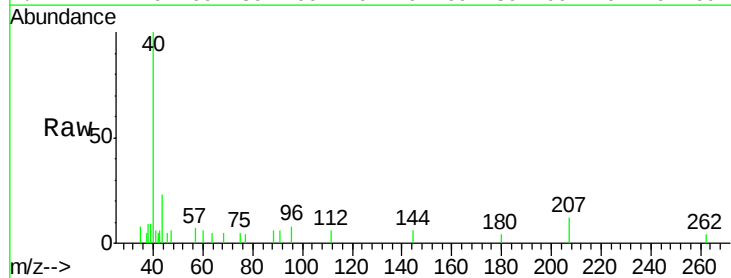
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 572.4 29.0 43.4#

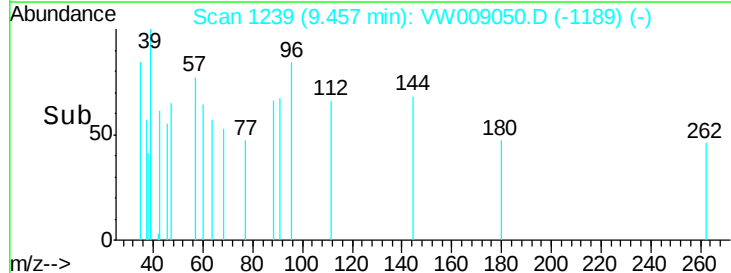
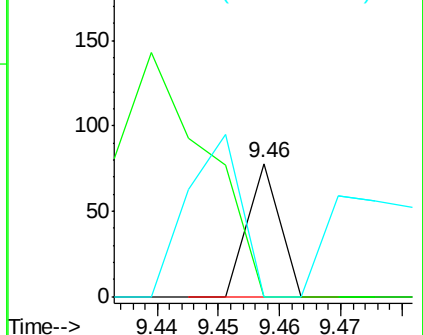
58 200.0 59.2 88.8#

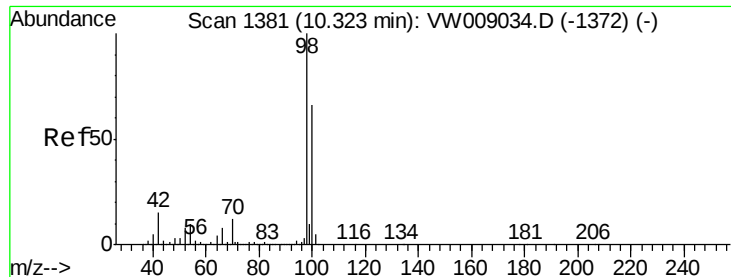


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 48.273 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009050.D

Acq: 07 Mar 2019 19:58

Instrument :

MSVOA_W

ClientSampleId :

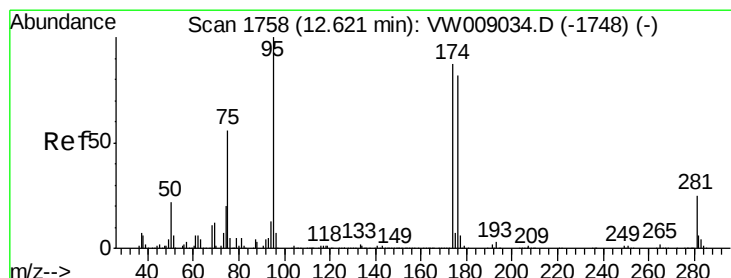
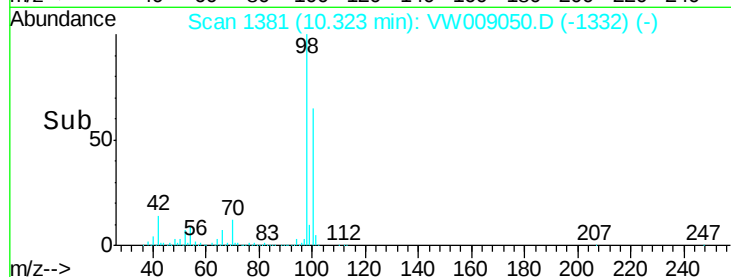
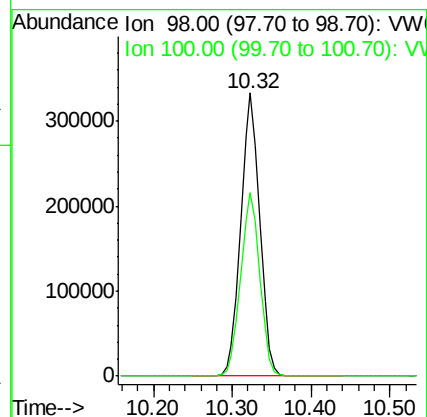
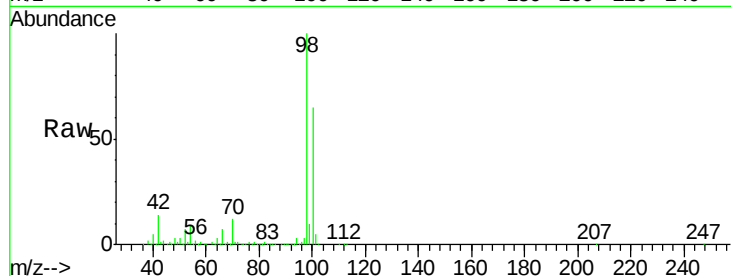
TP-6CD-D

Tgt Ion: 98 Resp: 559652

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 39.818 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009050.D

Acq: 07 Mar 2019 19:58

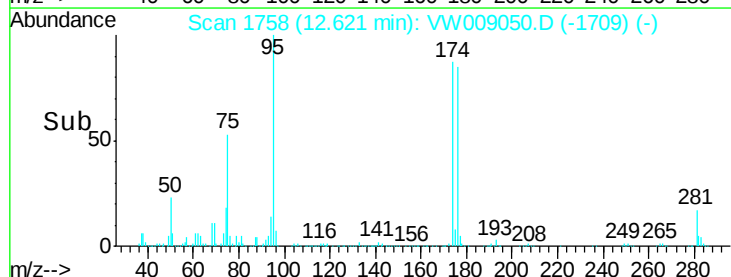
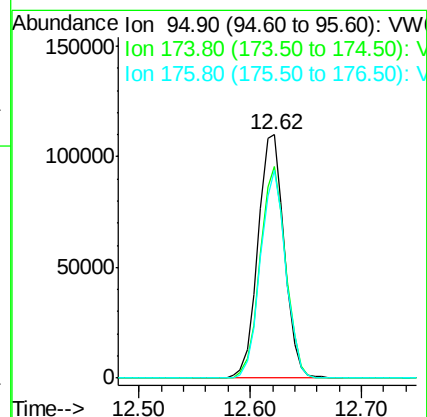
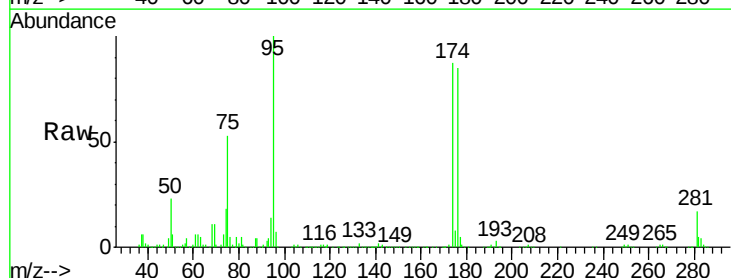
Tgt Ion: 95 Resp: 181723

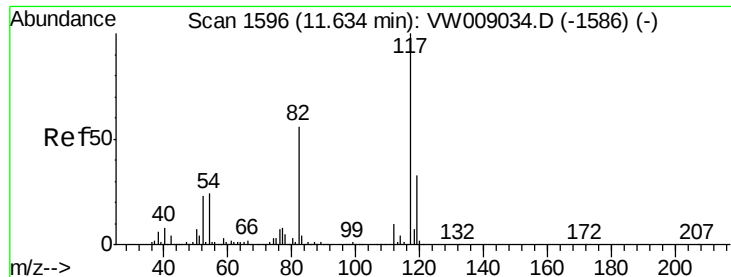
Ion Ratio Lower Upper

95 100

174 84.7 0.0 167.0

176 81.7 0.0 159.4

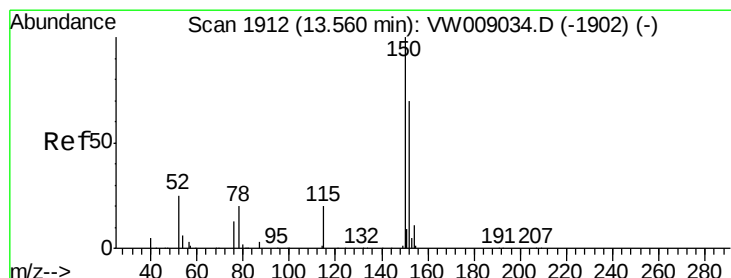
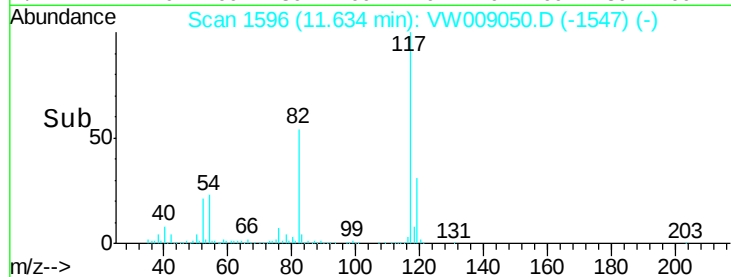
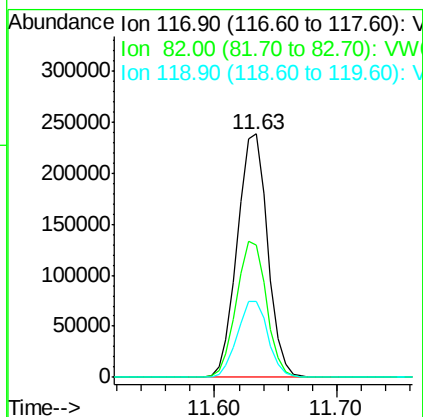
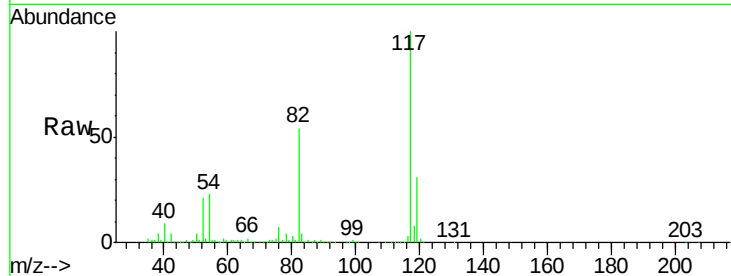




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009050.D
Acq: 07 Mar 2019 19:58

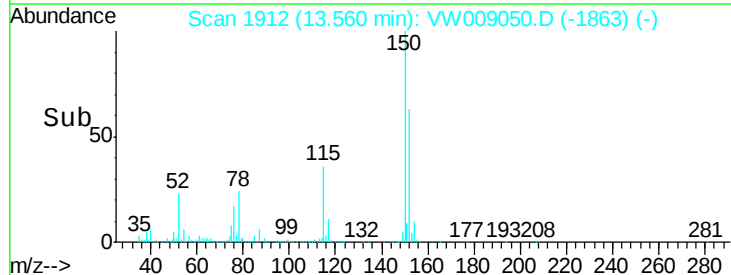
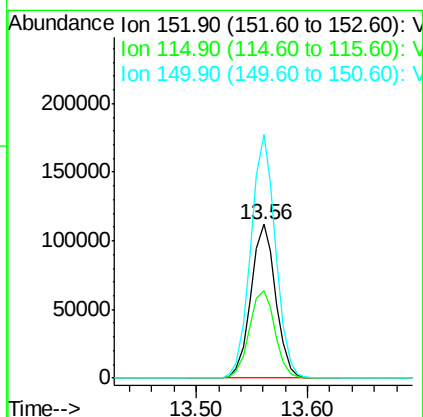
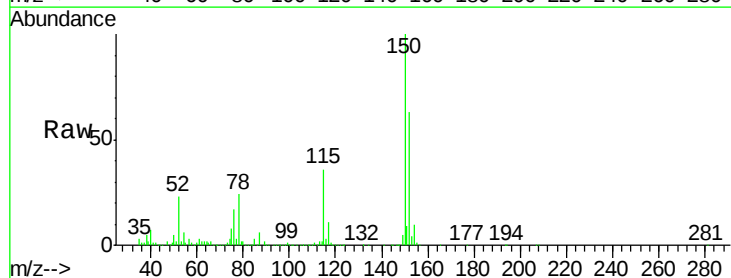
Instrument :
MSVOA_W
ClientSampleId :
TP-6CD-D

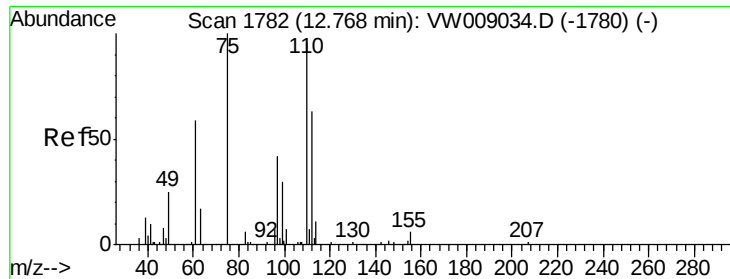
Tgt Ion:117 Resp: 409385
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.6
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009050.D
Acq: 07 Mar 2019 19:58

Tgt Ion:152 Resp: 173651
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.7
150 157.6 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 69.703 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009050.D

Acq: 07 Mar 2019 19:58

Instrument :

MSVOA_W

ClientSampleId :

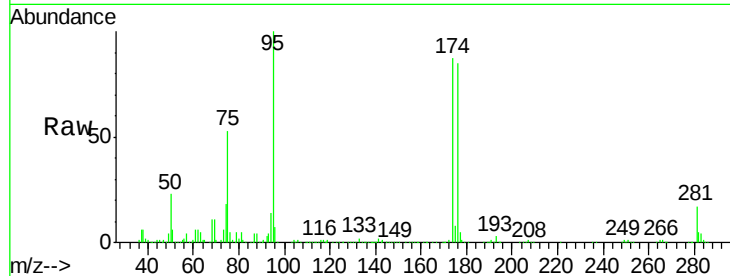
TP-6CD-D

Tgt Ion: 75 Resp: 95631

Ion Ratio Lower Upper

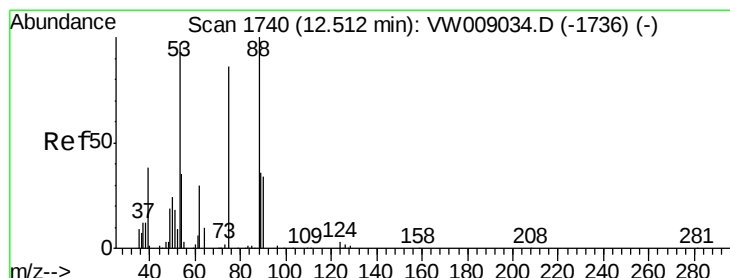
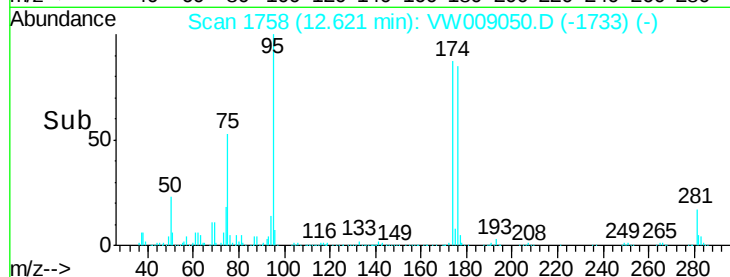
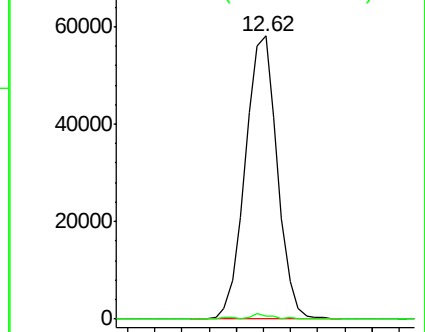
75 100

77 1.9 186.7 560.0#



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: 155.906 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009050.D

Acq: 07 Mar 2019 19:58

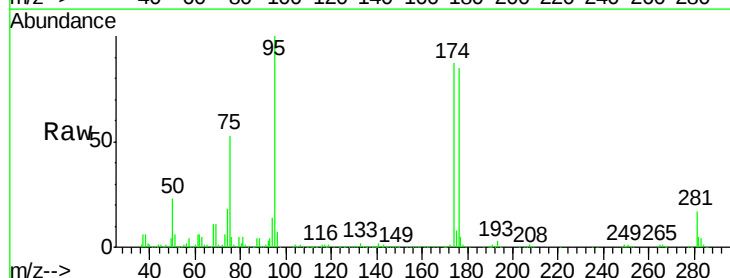
Tgt Ion: 75 Resp: 95631

Ion Ratio Lower Upper

75 100

53 0.0 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

