

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030719\
 Data File : VW009046.D
 Acq On : 07 Mar 2019 18:10
 Operator : SY/VA
 Sample : K1760-07RE
 Misc : 5.16G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 Z2-9

Quant Time: Mar 08 05:43:34 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	303759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	478778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160528	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	176959	57.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.80%	
35) Dibromofluoromethane	7.88	113	145905	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	10.32	98	569117	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	12.62	95	170732	36.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.26%	

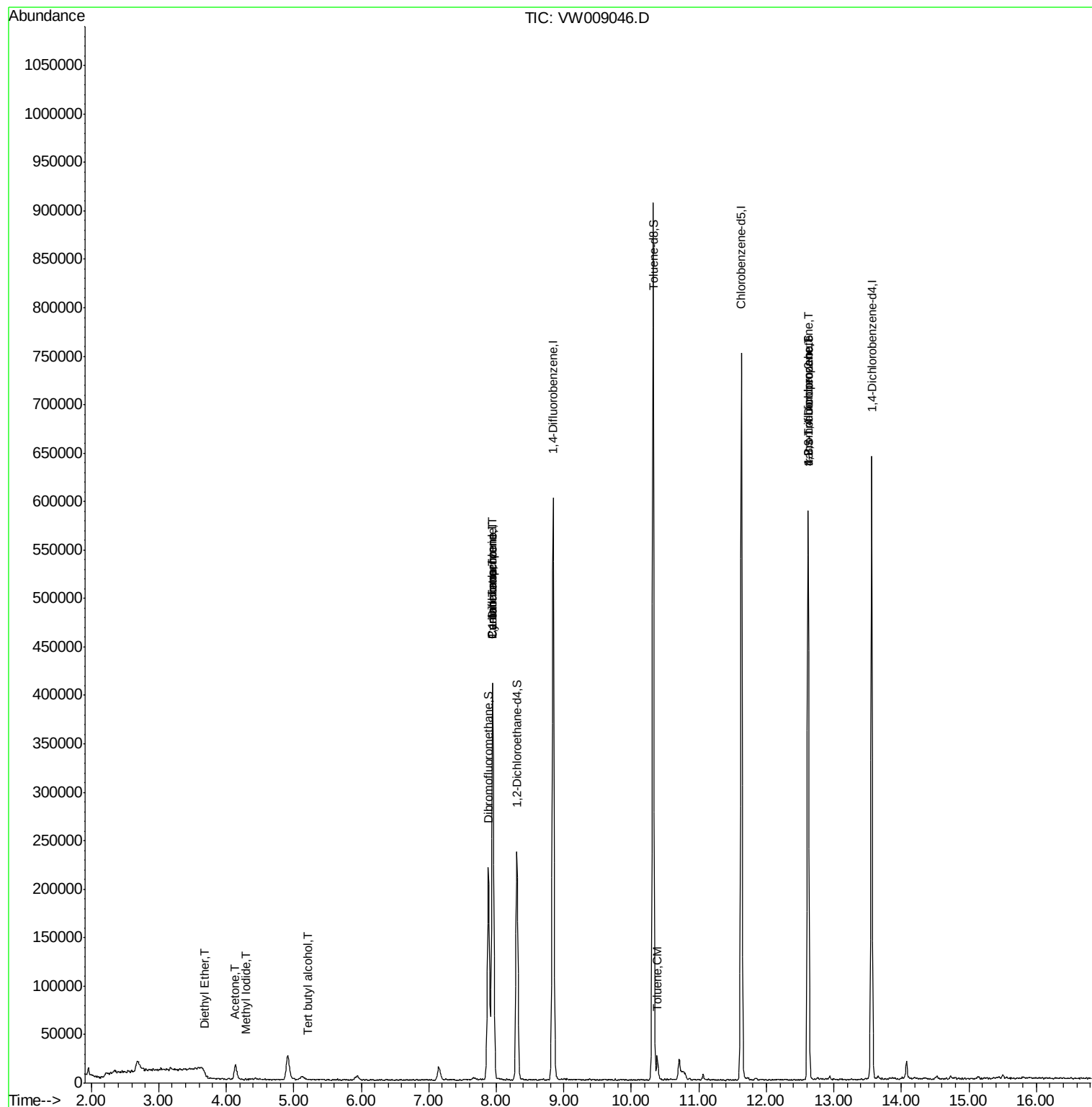
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	1853	1.193	ug/l	85
10) Methyl Iodide	4.29	142	80	3.209	ug/l #	1
11) Tert butyl alcohol	5.21	59	254	1.085	ug/l #	77
16) Acetone	4.13	43	28347	41.104	ug/l	96
31) Cyclohexane	7.94	56	7656	1.343	ug/l #	53
36) 1,1-Dichloropropene	7.95	75	23509	4.696	ug/l #	50
38) Carbon Tetrachloride	7.95	117	30998	5.996	ug/l #	19
52) Toluene	10.39	92	9538	1.052	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	90101	71.041	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	90101	158.899	ug/l #	5

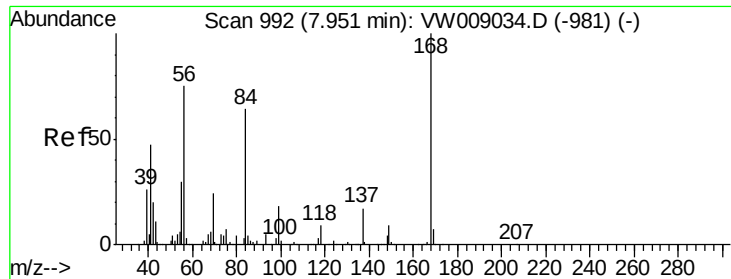
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW030719\
Data File : VW009046.D
Acq On : 07 Mar 2019 18:10
Operator : SY/VA
Sample : K1760-07RE
Misc : 5.16G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
Z2-9

Quant Time: Mar 08 05:43:34 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: VW009046.D

Acq: 07 Mar 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

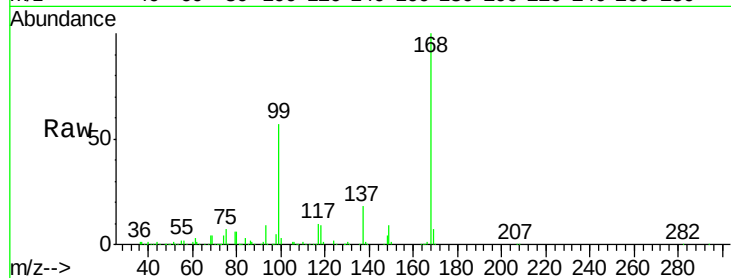
Z2-9

Tgt Ion:168 Resp: 303759

Ion Ratio Lower Upper

168 100

99 57.0 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

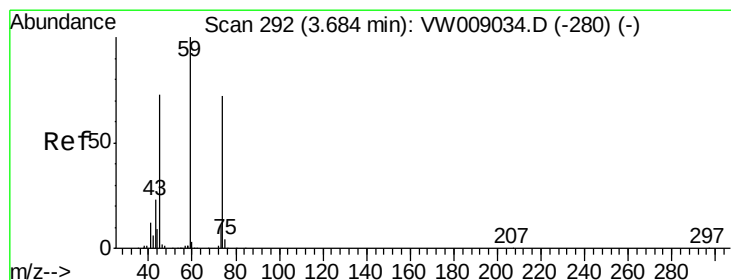
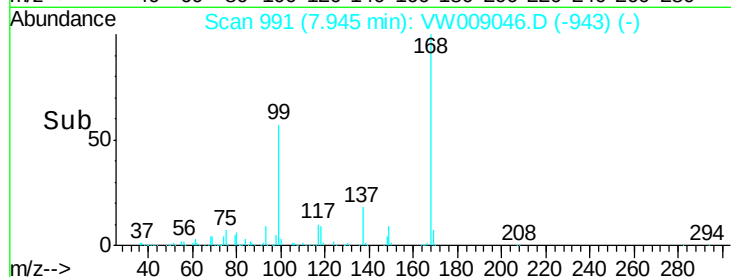
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.193 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW009046.D

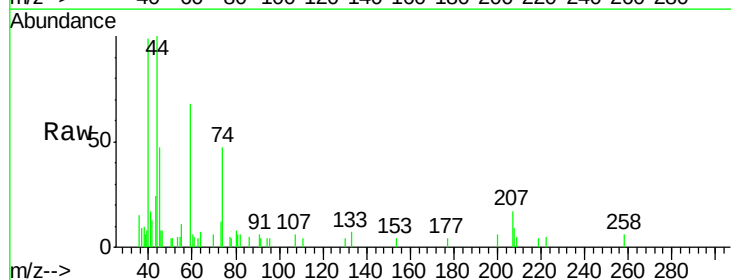
Acq: 07 Mar 2019 18:10

Tgt Ion: 74 Resp: 1853

Ion Ratio Lower Upper

74 100

45 120.5 52.3 157.1



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

800

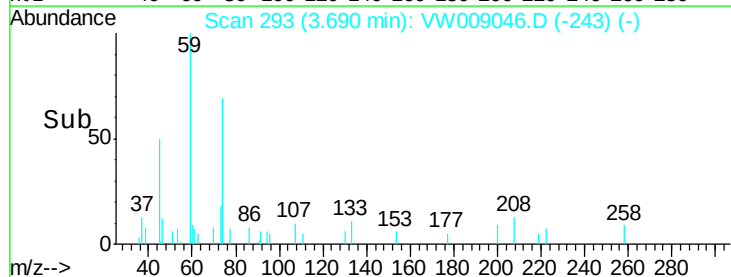
600

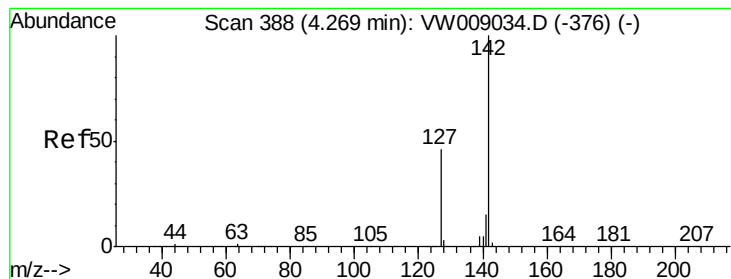
400

200

0

Time-->





#10

Methyl Iodide

Concen: 3.209 ug/l

RT: 4.29 min Scan# 391

Delta R.T. 0.02 min

Lab File: VW009046.D

Acq: 07 Mar 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

Z2-9

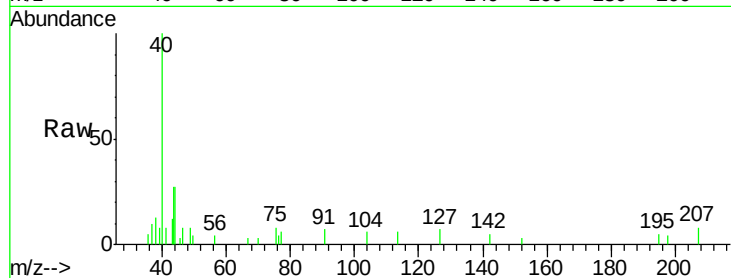
Tgt Ion:142 Resp: 80

Ion Ratio Lower Upper

142 100

127 126.3 35.8 53.6#

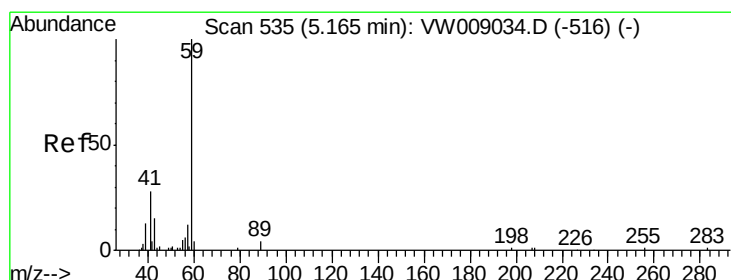
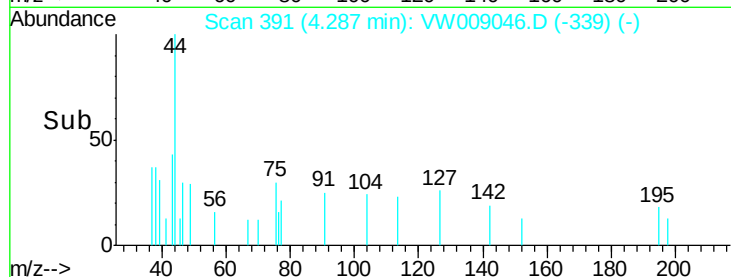
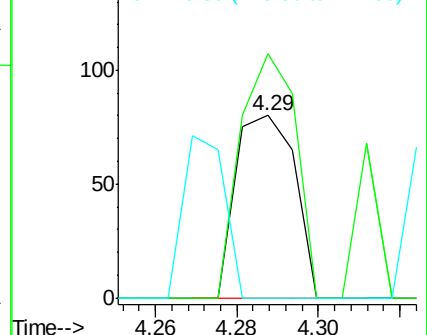
141 62.5 11.8 17.8#



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



#11

Tert butyl alcohol

Concen: 1.085 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.04 min

Lab File: VW009046.D

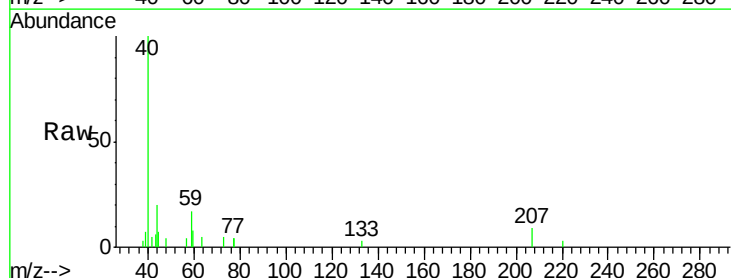
Acq: 07 Mar 2019 18:10

Tgt Ion: 59 Resp: 254

Ion Ratio Lower Upper

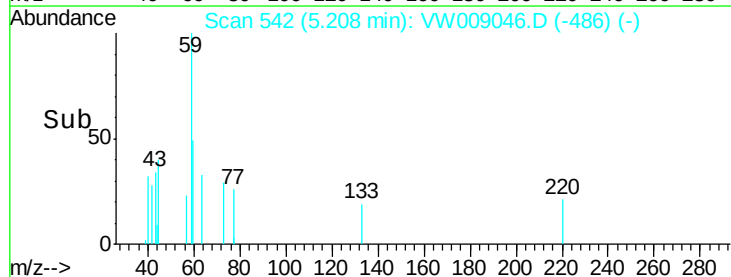
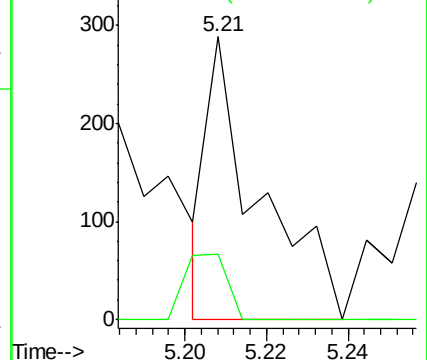
59 100

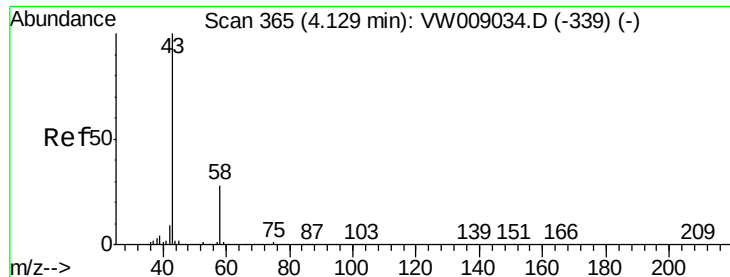
57 19.3 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 41.104 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW009046.D

Acq: 07 Mar 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

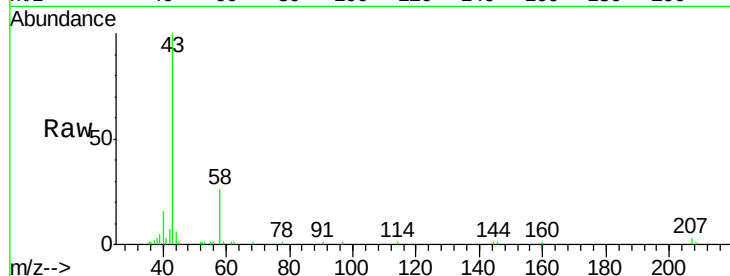
Z2-9

Tgt Ion: 43 Resp: 28347

Ion Ratio Lower Upper

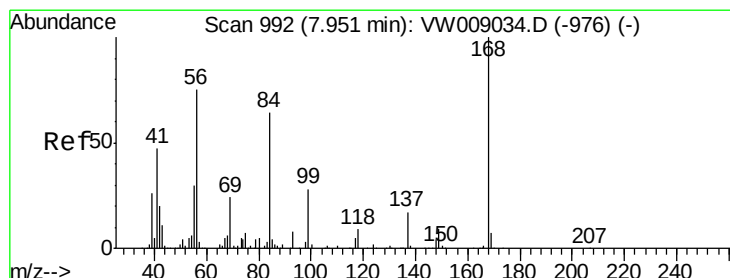
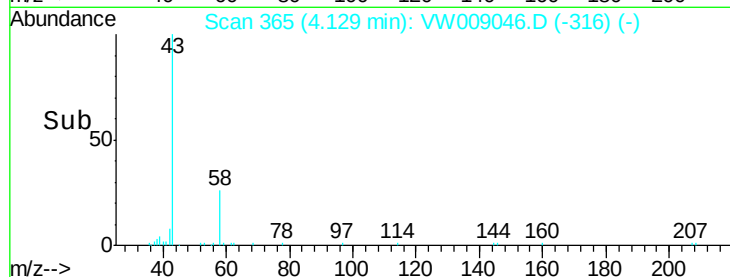
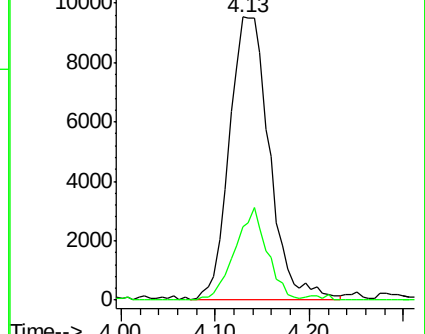
43 100

58 26.1 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#31

Cyclohexane

Concen: 1.343 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW009046.D

Acq: 07 Mar 2019 18:10

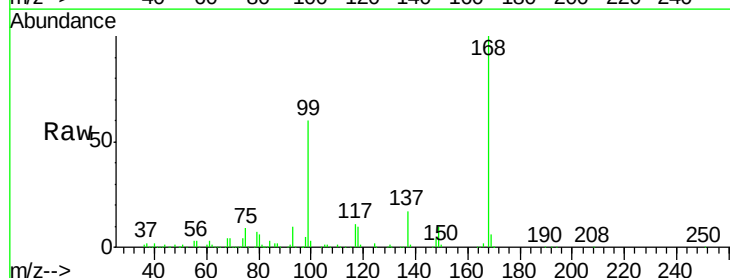
Tgt Ion: 56 Resp: 7656

Ion Ratio Lower Upper

56 100

69 113.8 25.5 38.3#

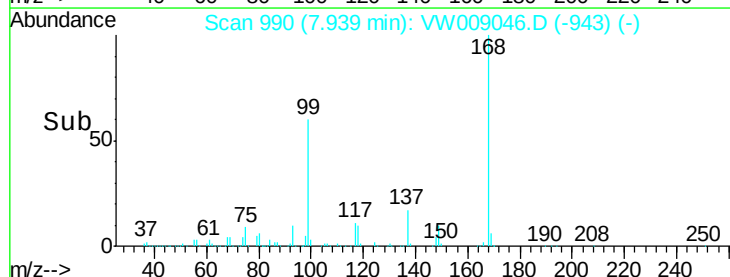
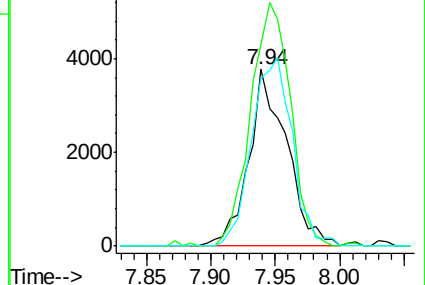
84 95.0 68.6 103.0

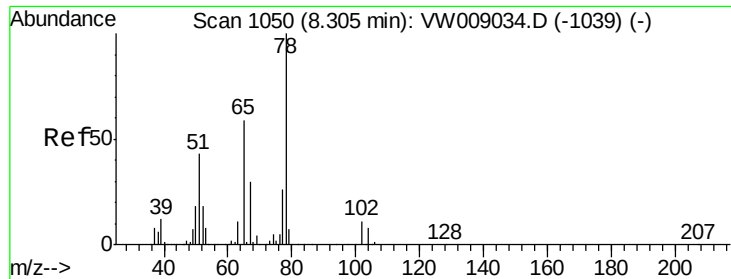


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

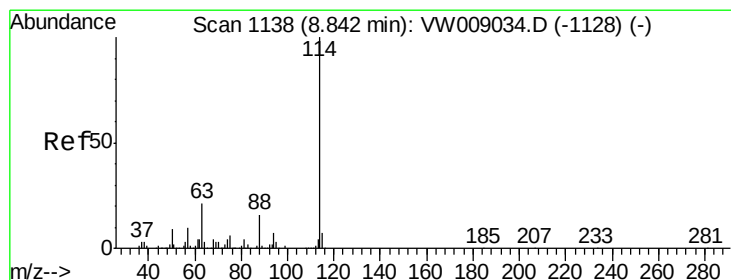
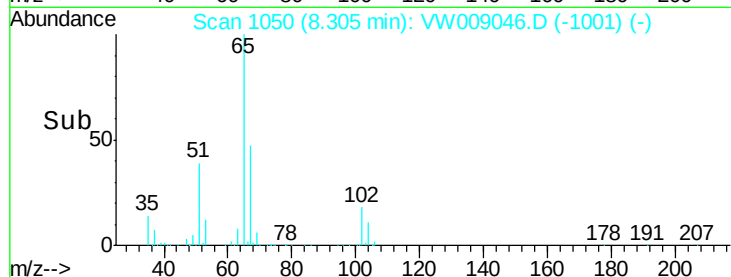
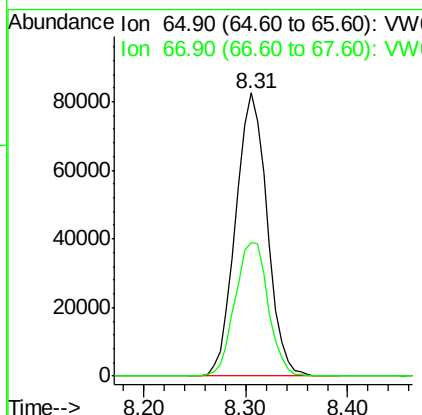
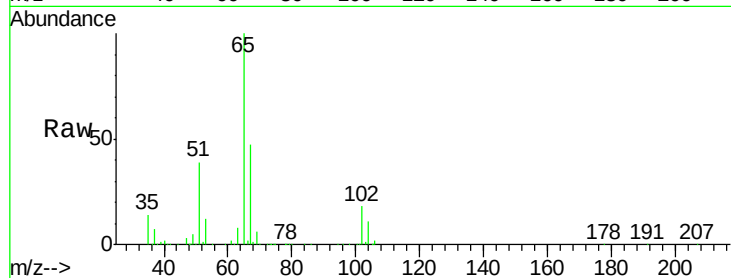




#33
 1,2-Dichloroethane-d4
 Concen: 57.903 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW009046.D
 Acq: 07 Mar 2019 18:10

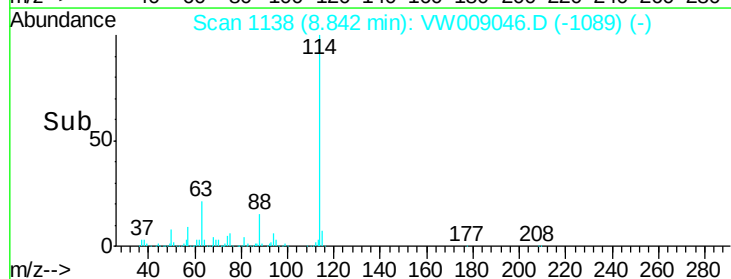
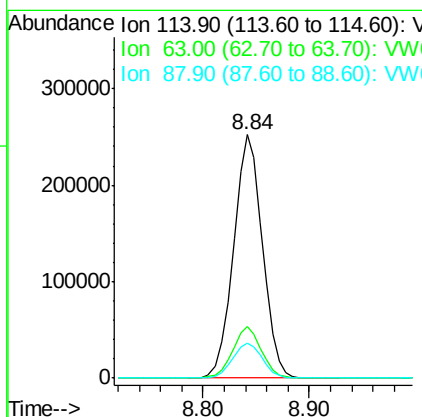
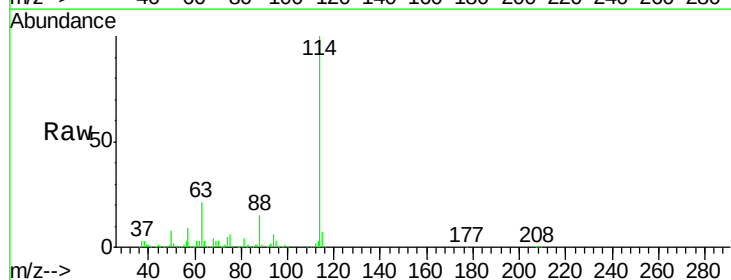
Instrument :
 MSVOA_W
 ClientSampled :
 Z2-9

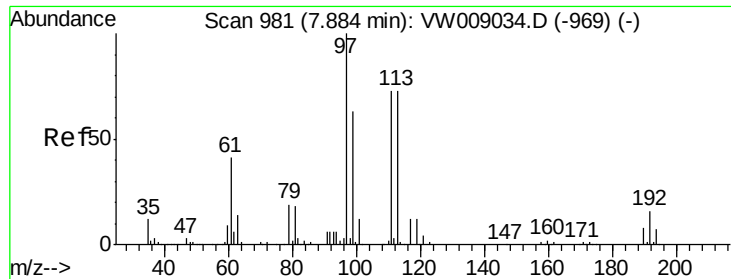
Tgt Ion: 65 Resp: 176959
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009046.D
 Acq: 07 Mar 2019 18:10

Tgt Ion: 114 Resp: 478778
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.2
 88 14.5 0.0 31.2

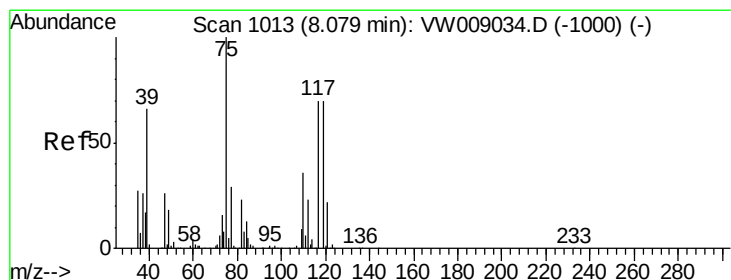
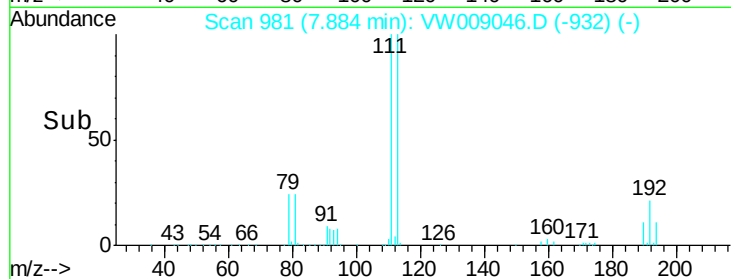
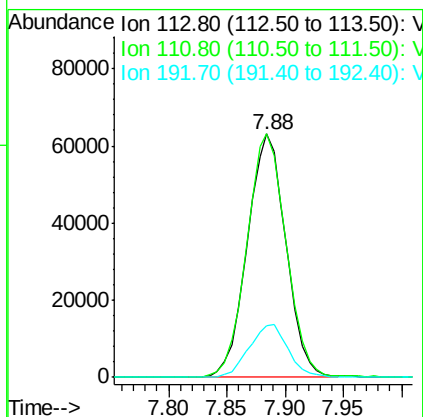
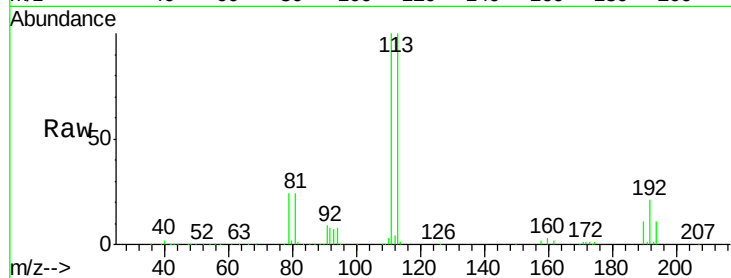




#35
 Dibromofluoromethane
 Concen: 50.615 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009046.D
 Acq: 07 Mar 2019 18:10

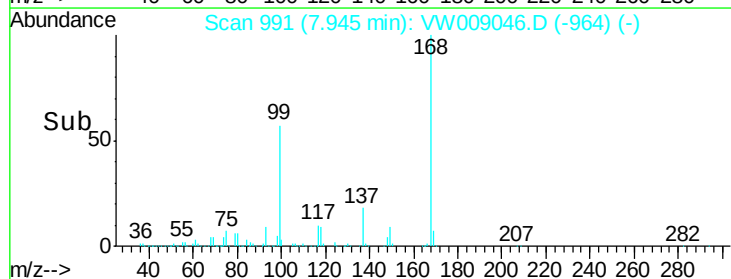
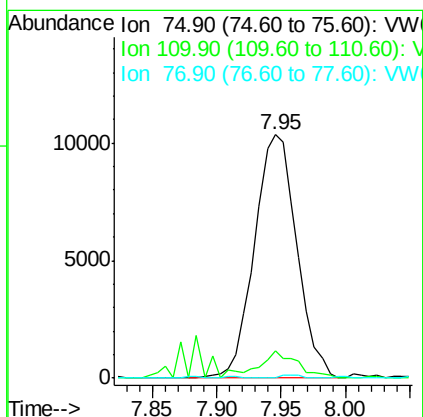
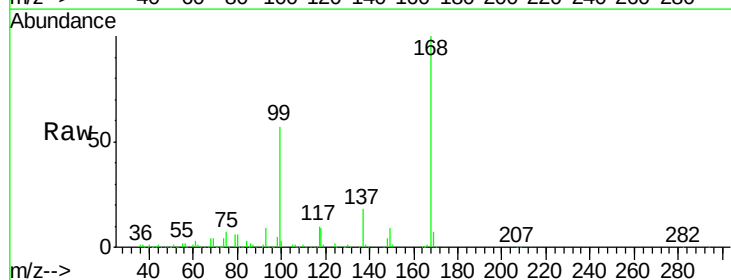
Instrument :
 MSVOA_W
 ClientSampleId :
 Z2-9

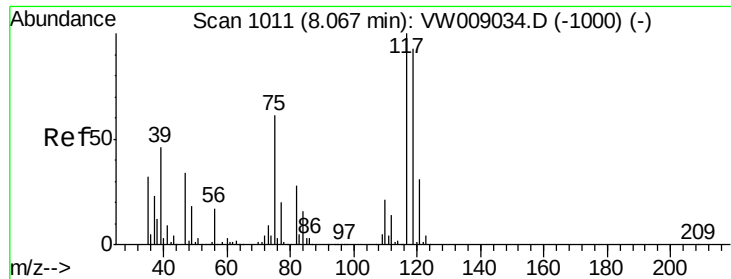
Tgt Ion:113 Resp: 145905
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.0 121.4
 192 21.9 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.696 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009046.D
 Acq: 07 Mar 2019 18:10

Tgt Ion: 75 Resp: 23509
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.6 52.9#
 77 0.5 25.1 37.7#

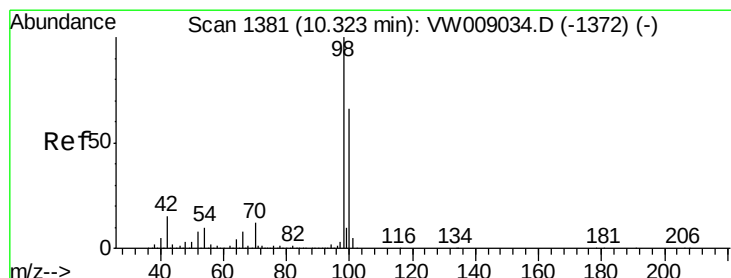
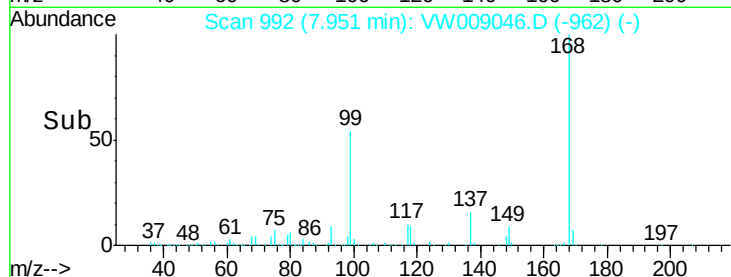
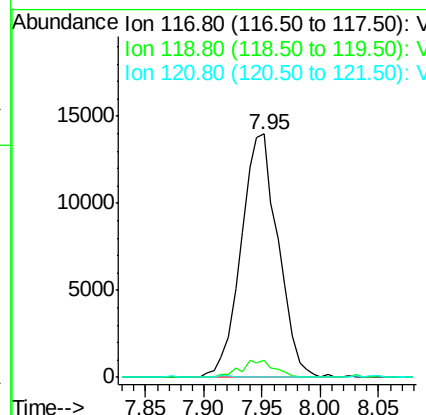
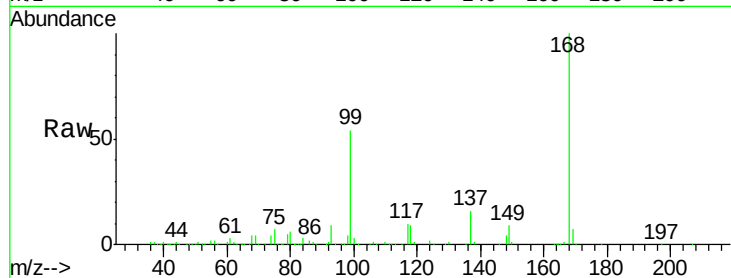




#38
Carbon Tetrachloride
Concen: 5.996 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW009046.D
Acq: 07 Mar 2019 18:10

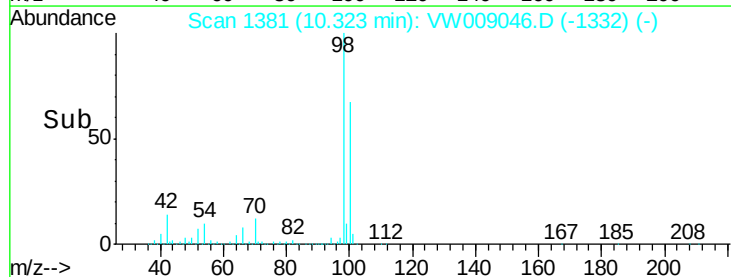
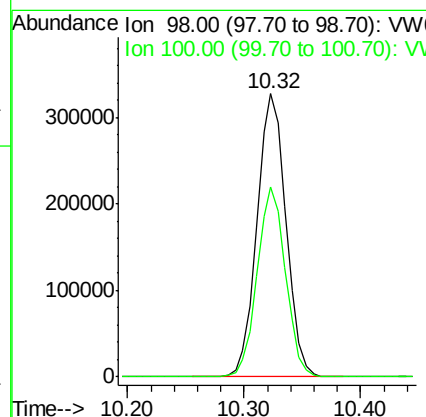
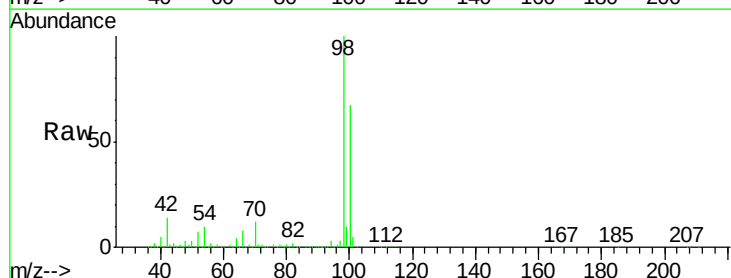
Instrument :
MSVOA_W
ClientSampled :
Z2-9

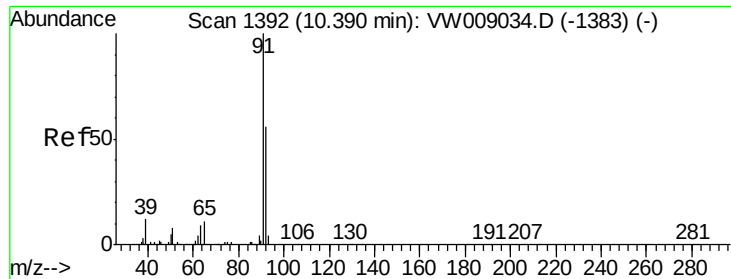
Tgt Ion: 117 Resp: 30998
Ion Ratio Lower Upper
117 100
119 7.0 74.6 112.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.069 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009046.D
Acq: 07 Mar 2019 18:10

Tgt Ion: 98 Resp: 569117
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9





#52

Toluene

Concen: 1.052 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW009046.D

Acq: 07 Mar 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

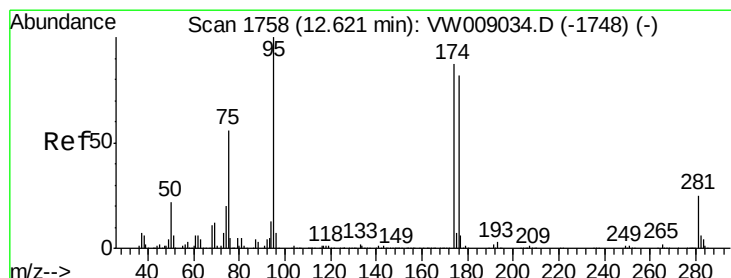
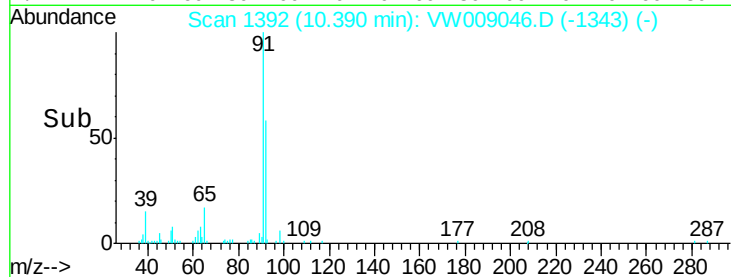
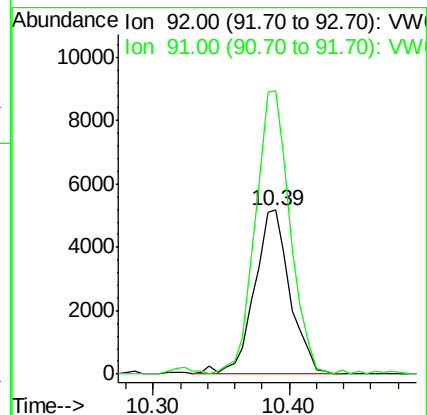
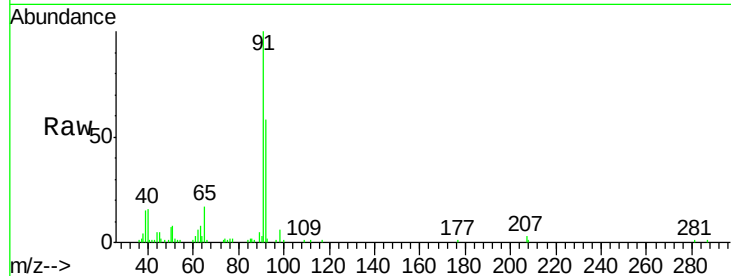
Z2-9

Tgt Ion: 92 Resp: 9538

Ion Ratio Lower Upper

92 100

91 167.9 139.9 209.9



#62

4-Bromofluorobenzene

Concen: 36.632 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009046.D

Acq: 07 Mar 2019 18:10

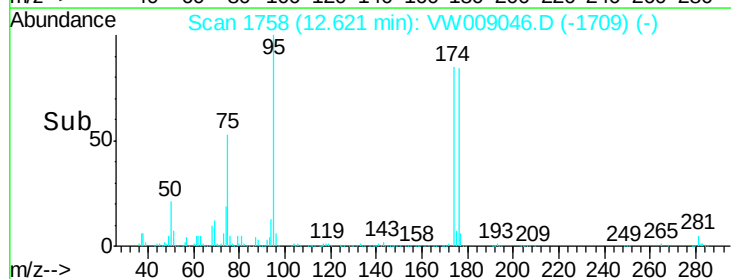
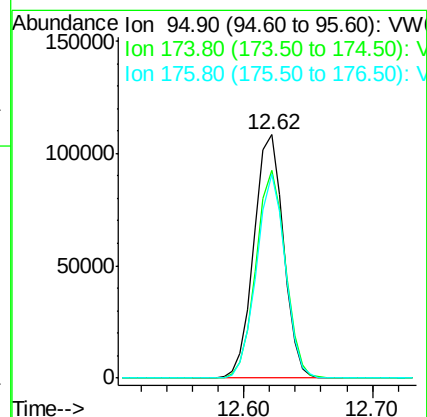
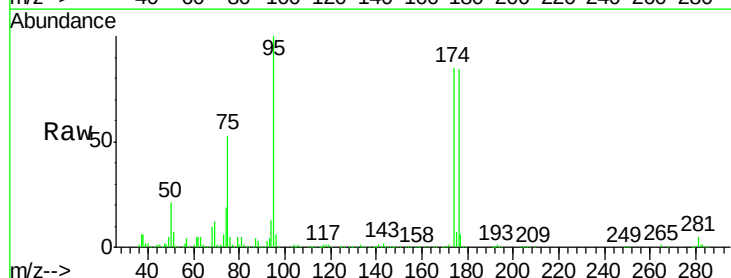
Tgt Ion: 95 Resp: 170732

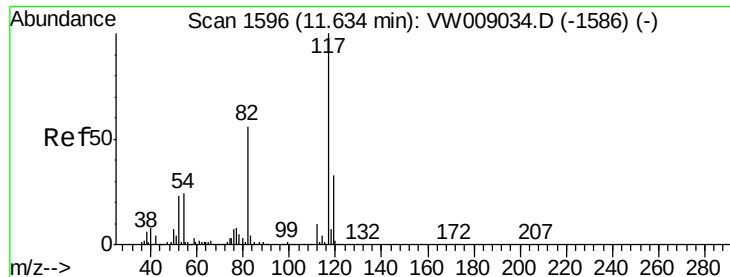
Ion Ratio Lower Upper

95 100

174 85.1 0.0 167.0

176 81.8 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: VW009046.D

Acq: 07 Mar 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

Z2-9

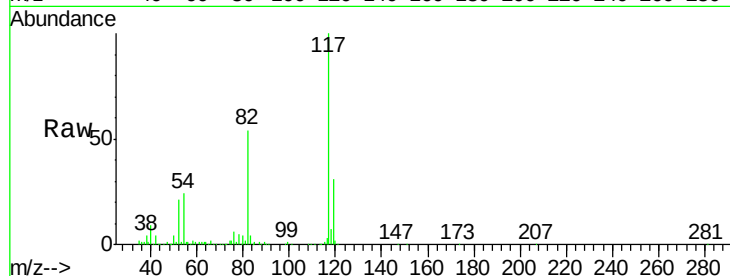
Tgt Ion:117 Resp: 401621

Ion Ratio Lower Upper

117 100

82 54.5 45.0 67.6

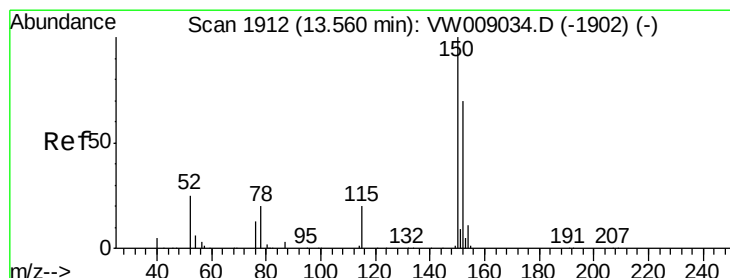
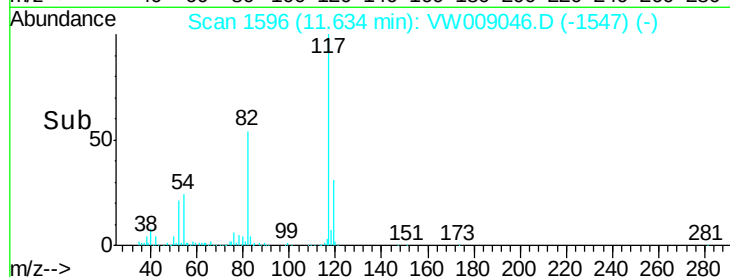
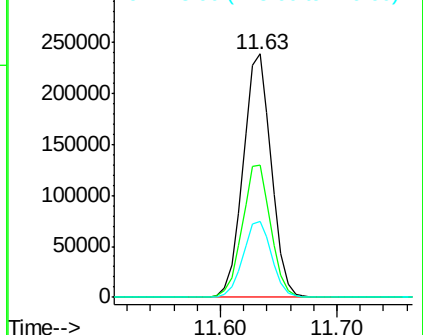
119 31.4 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009046.D

Acq: 07 Mar 2019 18:10

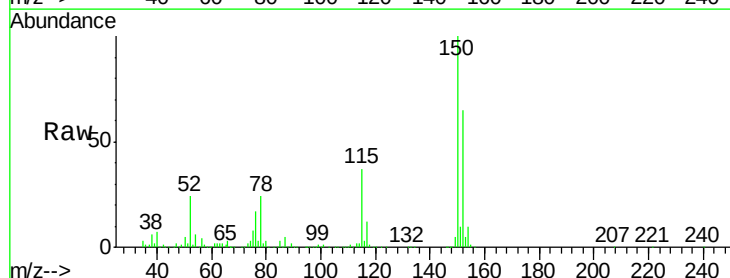
Tgt Ion:152 Resp: 160528

Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.7

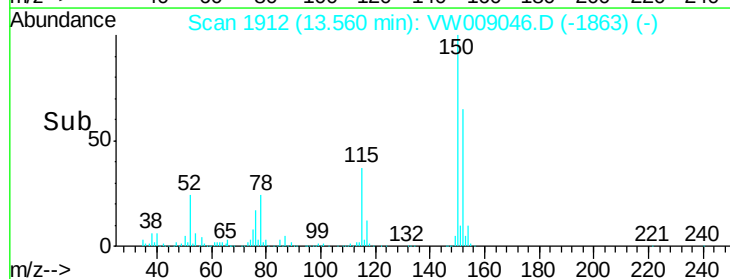
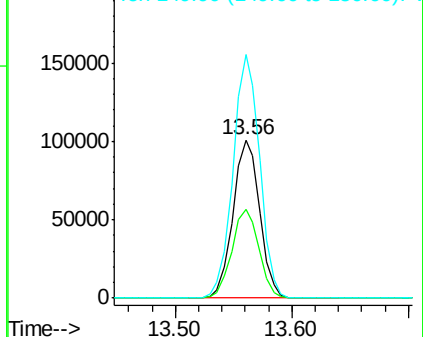
150 153.9 0.0 349.2

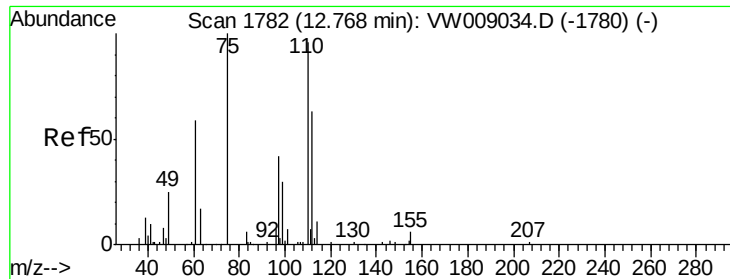


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 71.041 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009046.D

Acq: 07 Mar 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

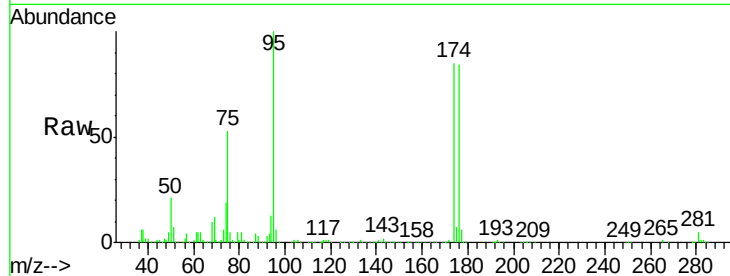
Z2-9

Tgt Ion: 75 Resp: 90101

Ion Ratio Lower Upper

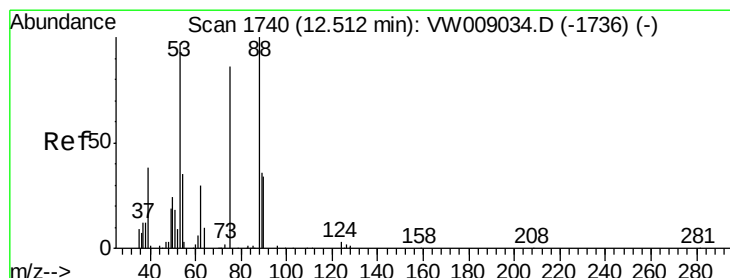
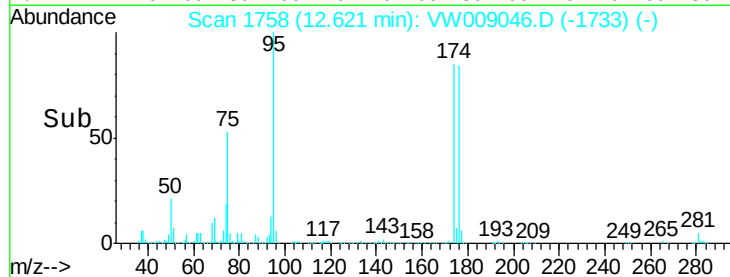
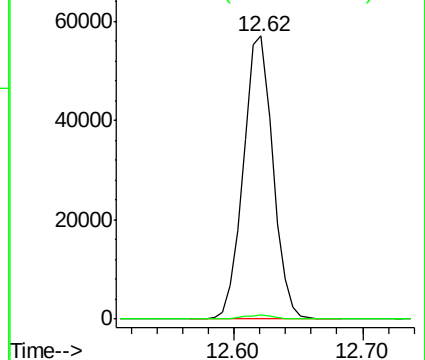
75 100

77 1.4 186.7 560.0#



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: 158.899 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009046.D

Acq: 07 Mar 2019 18:10

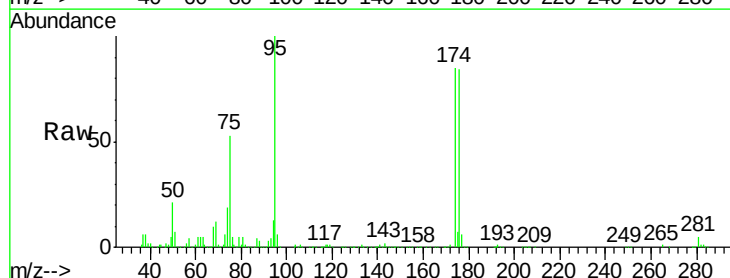
Tgt Ion: 75 Resp: 90101

Ion Ratio Lower Upper

75 100

53 0.2 90.5 135.7#

89 0.2 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

