

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005594.D
 Acq On : 24 Sep 2018 19:13
 Operator : VA/AP
 Sample : J4770-15
 Misc : 6.69G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-H

Quant Time: Sep 25 04:58:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	194925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	304895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	271324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	94827	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	71330	31.06	ug/l	0.00
Spiked Amount			Recovery	=	62.12%	
35) Dibromofluoromethane	7.89	113	59105	30.83	ug/l	0.00
Spiked Amount			Recovery	=	61.66%	
50) Toluene-d8	10.33	98	215551	27.61	ug/l	0.00
Spiked Amount			Recovery	=	55.22%	
62) 4-Bromofluorobenzene	12.63	95	65597	22.71	ug/l	0.00
Spiked Amount			Recovery	=	45.42%	

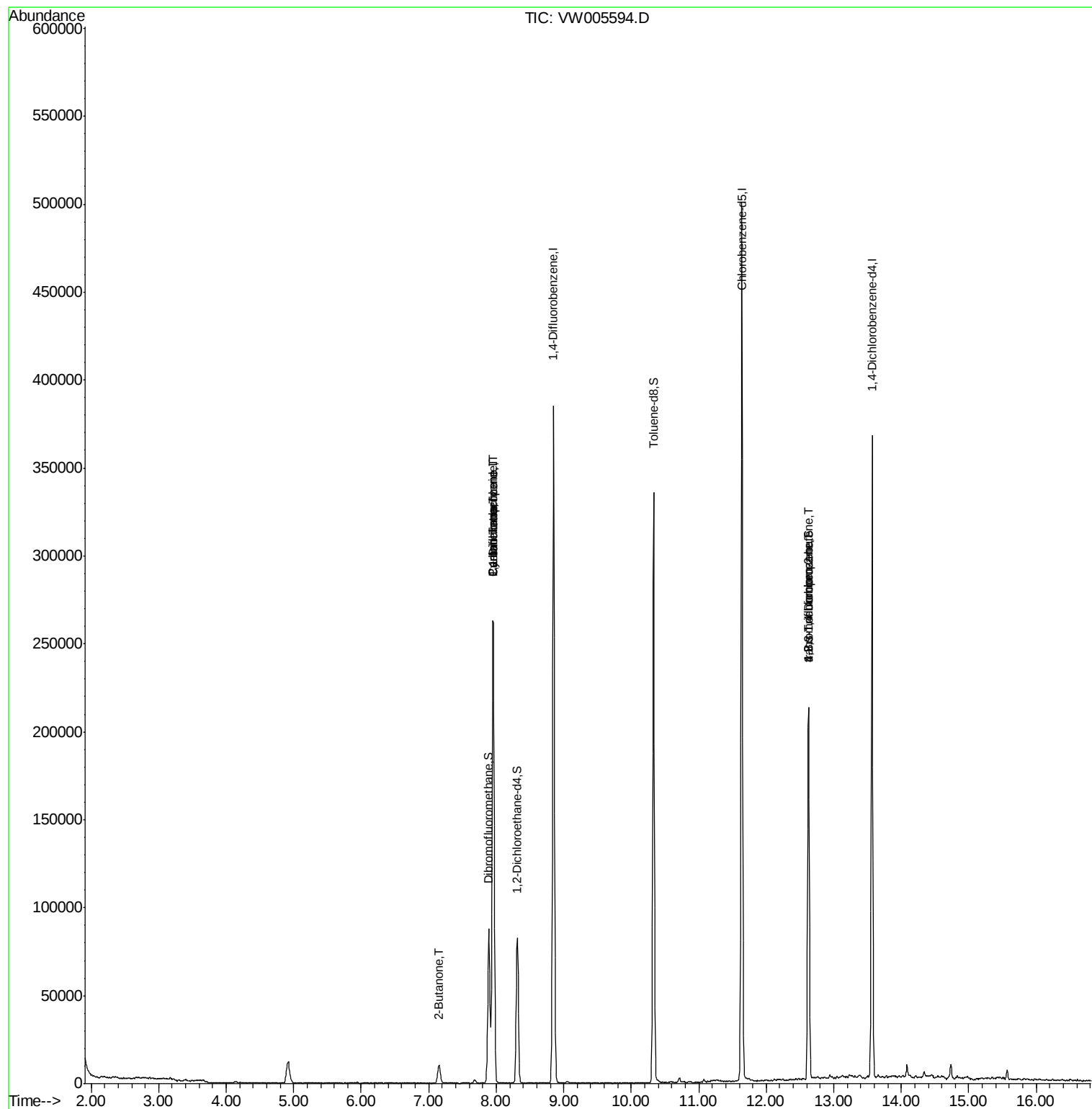
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	1406	Below Cal		97
25) 2-Butanone	7.15	43	809	1.451	ug/l #	50
31) Cyclohexane	7.96	56	4563	1.282	ug/l #	24
36) 1,1-Dichloropropene	7.95	75	15151	4.936	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19606	5.961	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	34102	42.188	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	34102	95.020	ug/l #	7

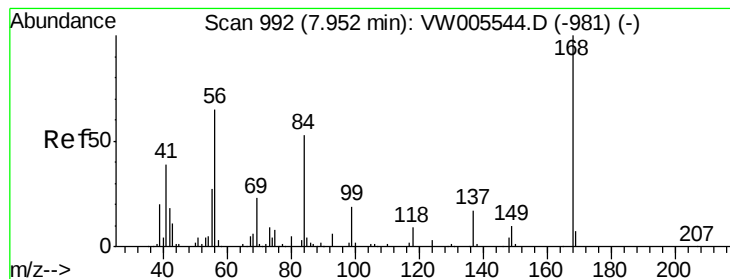
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005594.D

Acq: 24 Sep 2018 19:13

Instrument :

MSVOA_W

ClientSampleId :

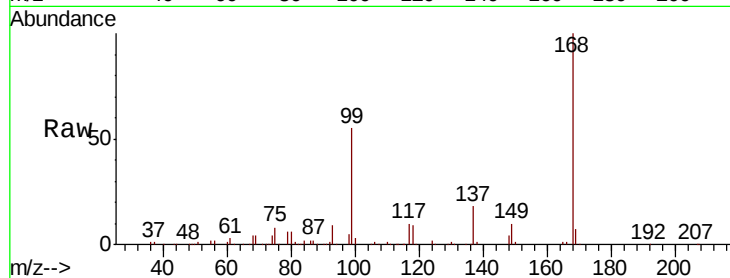
JC-02-092118-H

Tot Ion:168 Resp: 194925

Ion Ratio Lower Upper

168 100

99 54.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

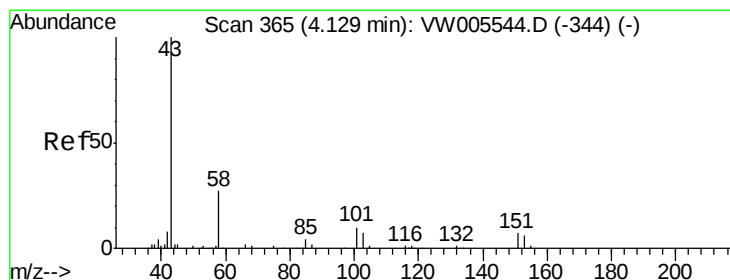
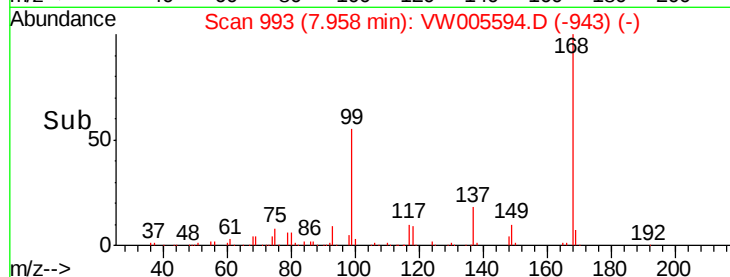
60000

40000

20000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005594.D

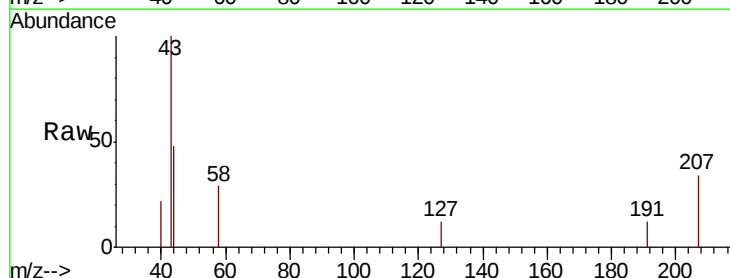
Acq: 24 Sep 2018 19:13

Tgt Ion: 43 Resp: 1406

Ion Ratio Lower Upper

43 100

58 29.1 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

500

400

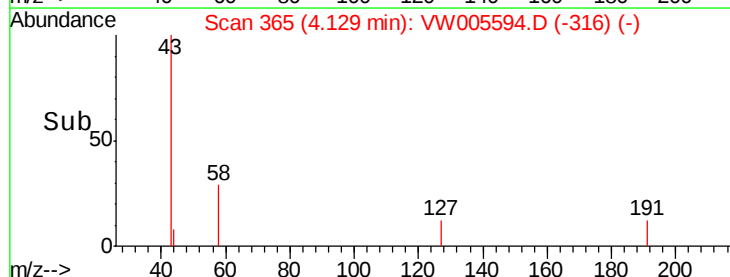
300

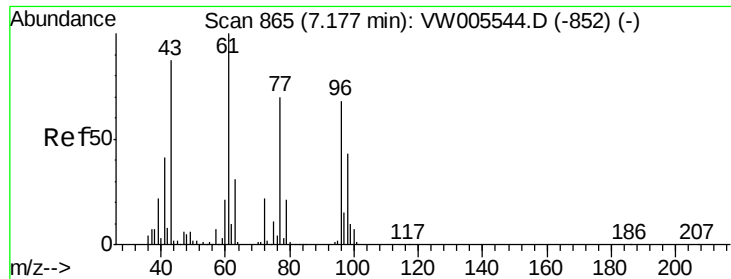
200

100

0

Time-->

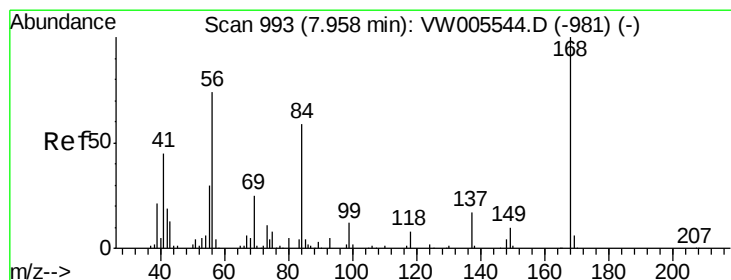
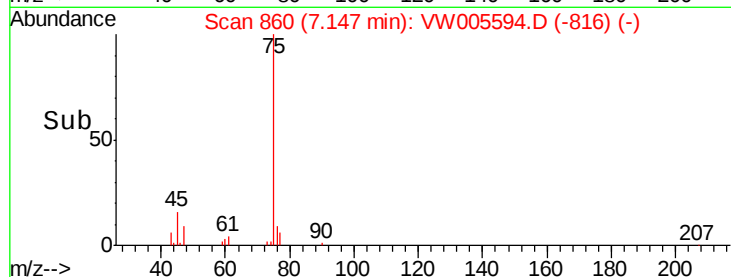
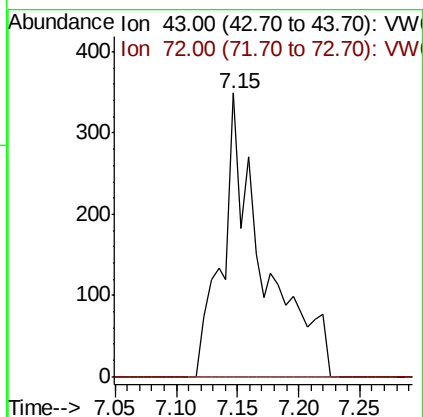
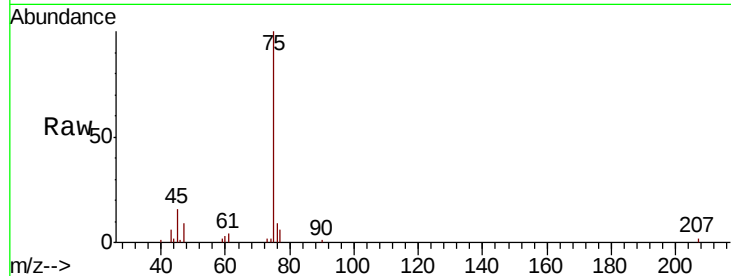




#25
2-Butanone
Concen: 1.451 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW005594.D
Acq: 24 Sep 2018 19:13

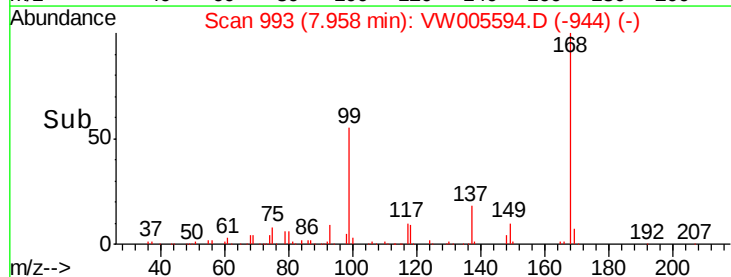
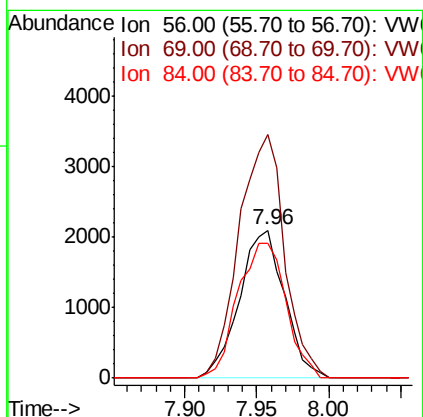
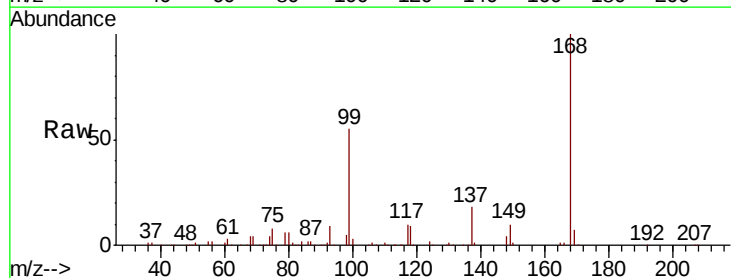
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-H

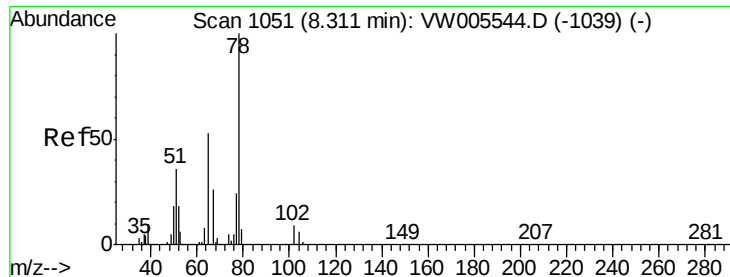
Tot Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



#31
Cyclohexane
Concen: 1.282 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005594.D
Acq: 24 Sep 2018 19:13

Tgt Ion: 56 Resp: 4563
Ion Ratio Lower Upper
56 100
69 164.3 27.0 40.4#
84 91.2 64.2 96.4

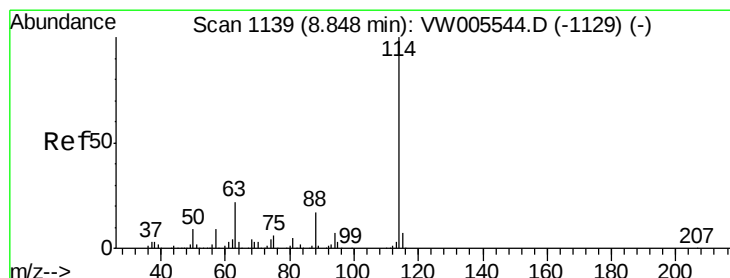
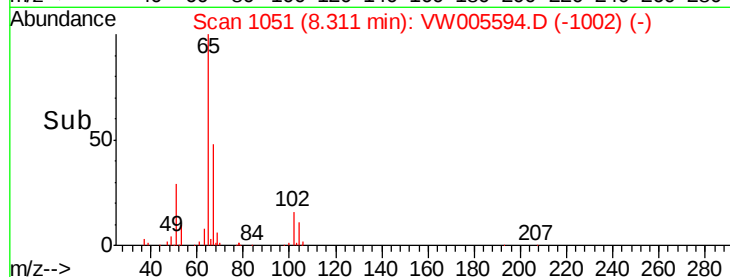
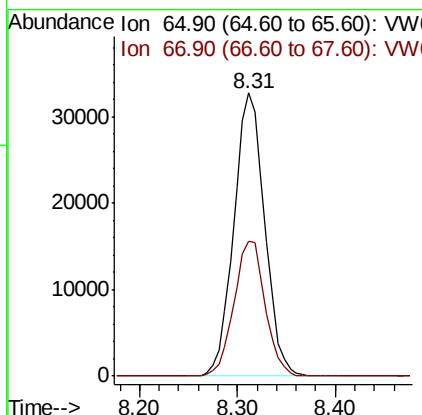
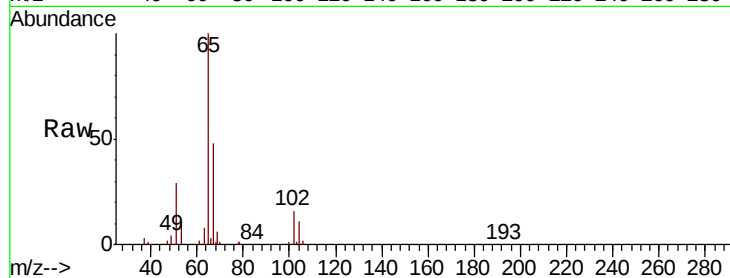




#33
 1,2-Dichloroethane-d4
 Concen: 31.062 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005594.D
 Acq: 24 Sep 2018 19:13

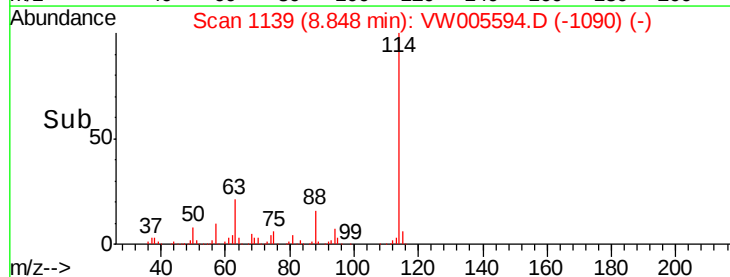
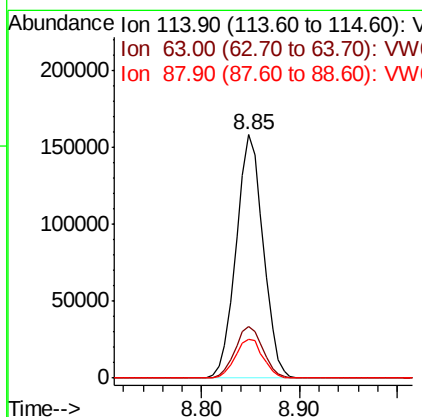
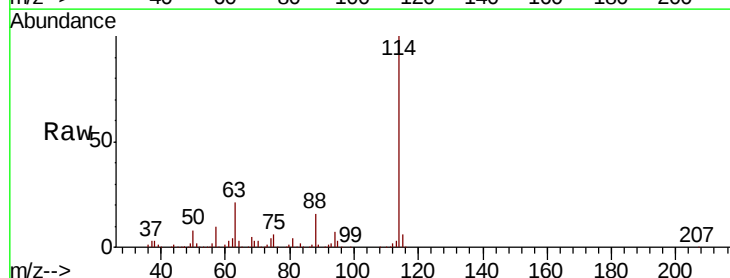
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-H

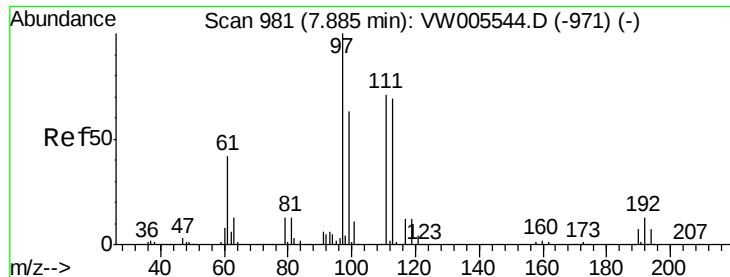
Tot Ion: 65 Resp: 71330
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005594.D
 Acq: 24 Sep 2018 19:13

Tgt Ion: 114 Resp: 304895
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.0
 88 15.7 0.0 33.0

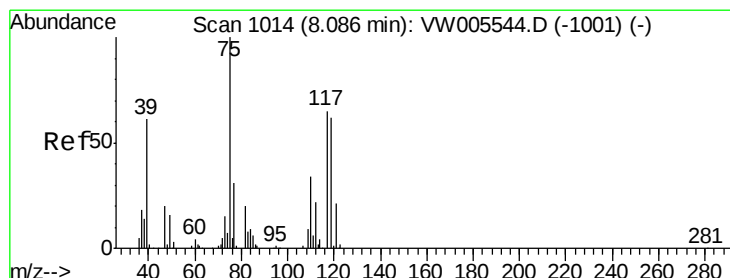
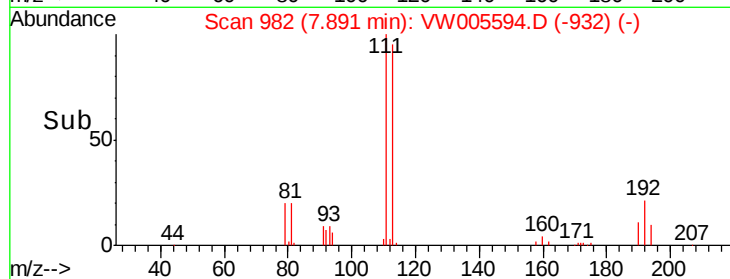
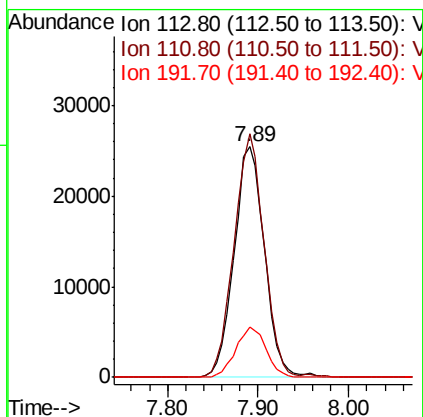
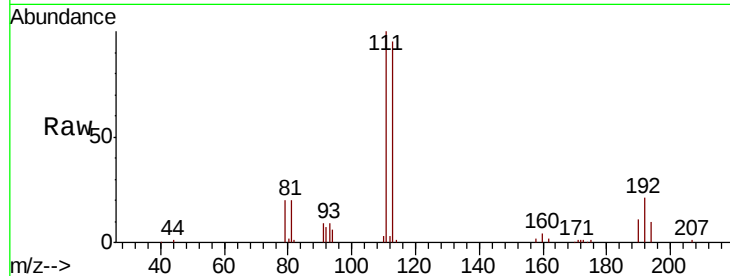




#35
 Dibromofluoromethane
 Concen: 30.826 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005594.D
 Acq: 24 Sep 2018 19:13

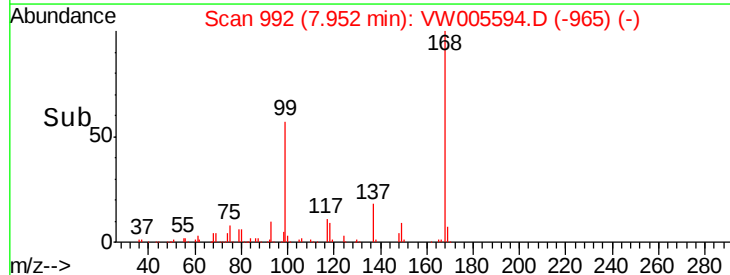
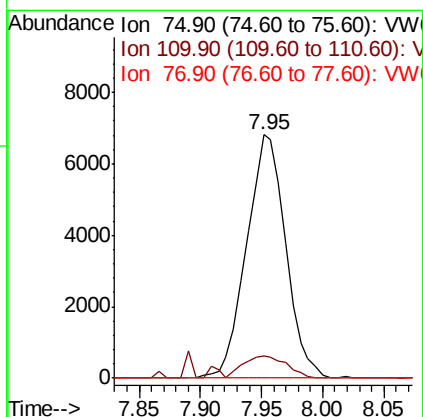
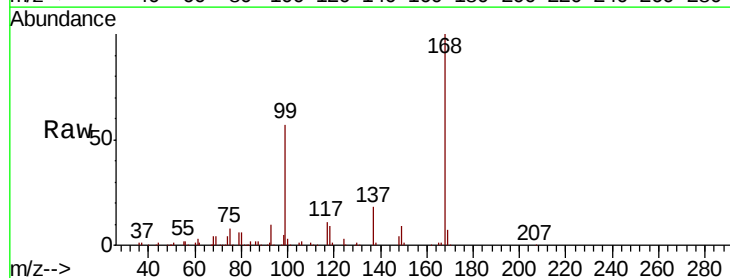
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-H

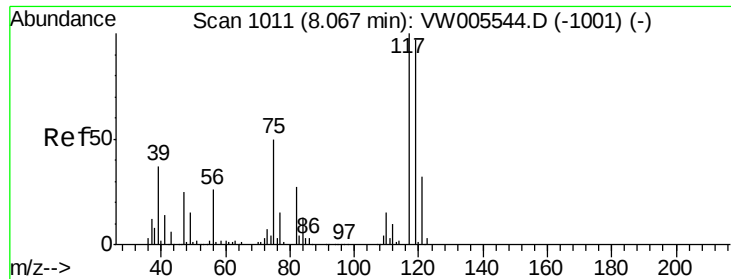
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	123.8
192	21.6	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.936 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005594.D
 Acq: 24 Sep 2018 19:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.0	50.9#
77	0.0	24.8	37.2#

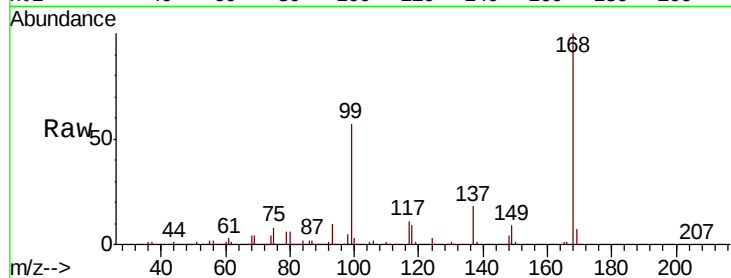




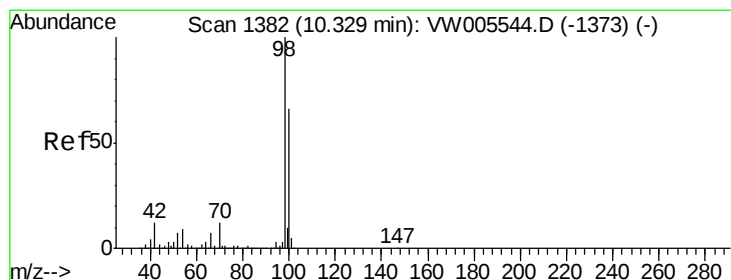
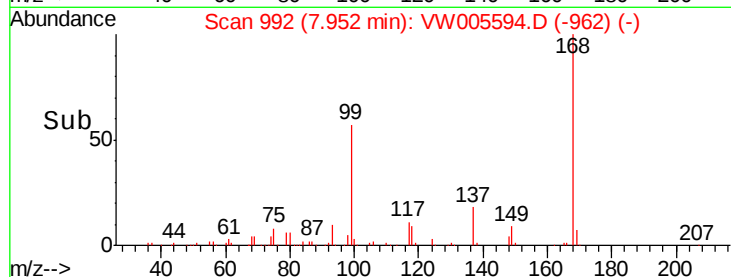
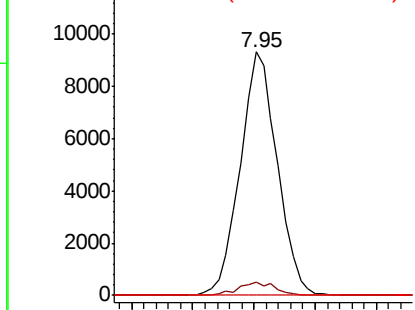
#38
Carbon Tetrachloride
Concen: 5.961 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005594.D
Acq: 24 Sep 2018 19:13

Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-H

Tot Ion:117 Resp: 19606
Ion Ratio Lower Upper
117 100
119 5.6 77.6 116.4#
121 0.0 25.7 38.5#

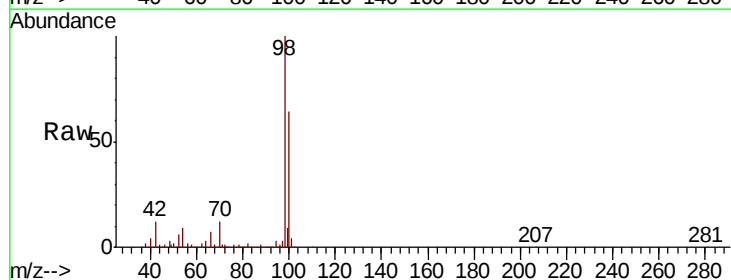


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

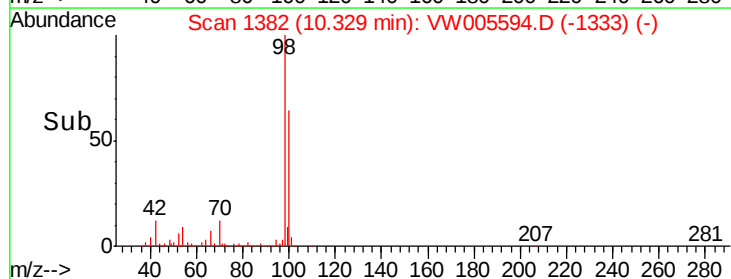
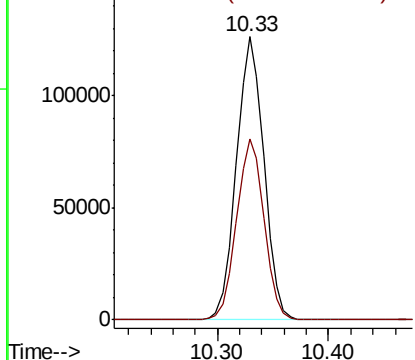


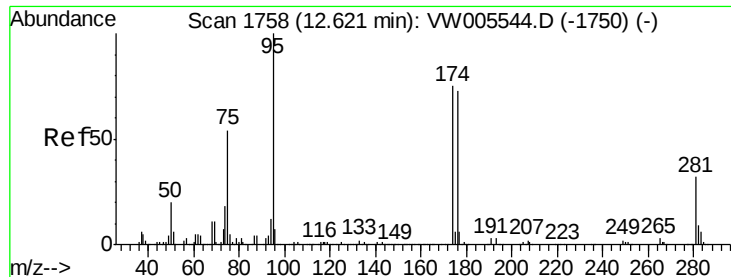
#50
Toluene-d8
Concen: 27.610 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005594.D
Acq: 24 Sep 2018 19:13

Tgt Ion: 98 Resp: 215551
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 22.707 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005594.D

Acq: 24 Sep 2018 19:13

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-H

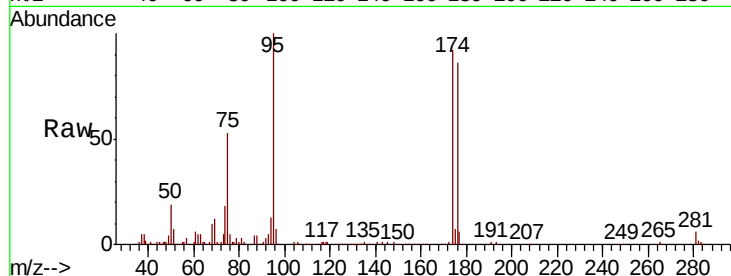
Tot Ion: 95 Resp: 65597

Ion Ratio Lower Upper

95 100

174 85.9 0.0 163.8

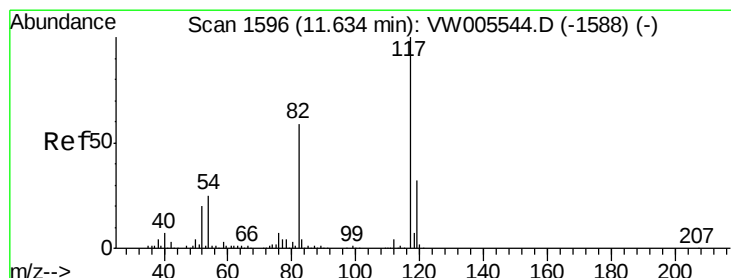
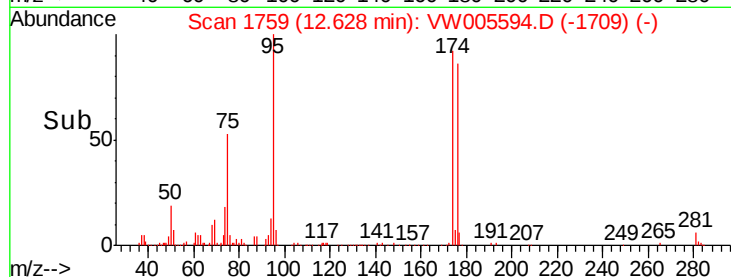
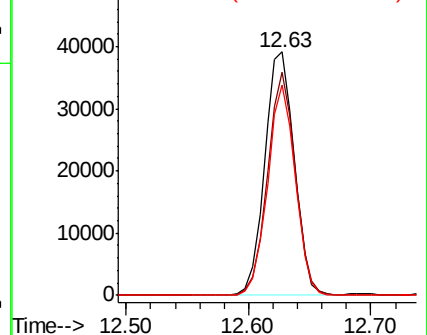
176 81.2 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW005594.D

Acq: 24 Sep 2018 19:13

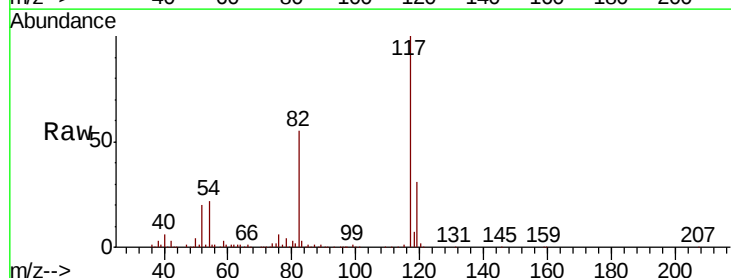
Tgt Ion: 117 Resp: 271324

Ion Ratio Lower Upper

117 100

82 55.4 46.9 70.3

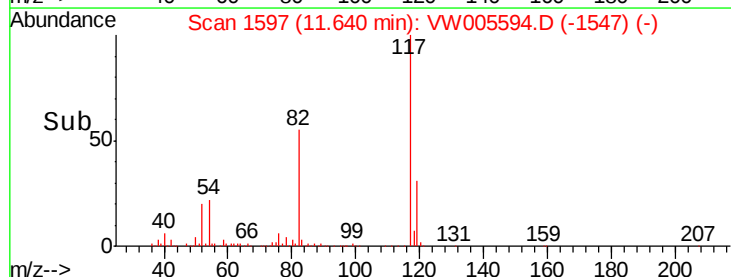
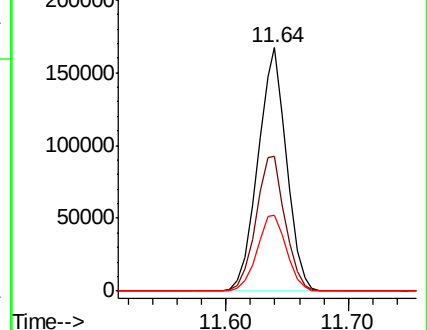
119 31.2 25.7 38.5

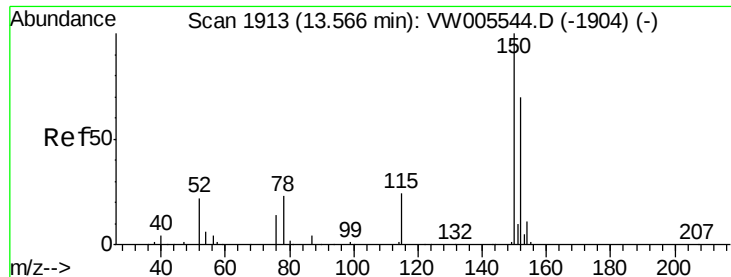


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005594.D

Acq: 24 Sep 2018 19:13

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-H

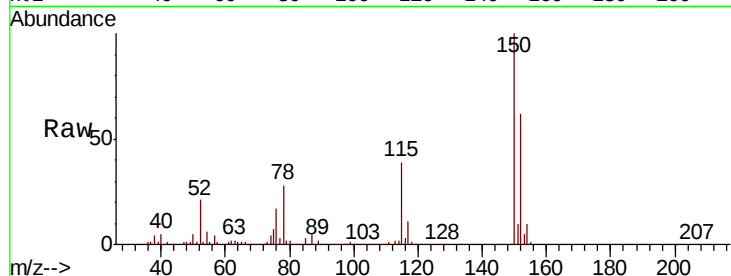
Tot Ion:152 Resp: 94827

Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

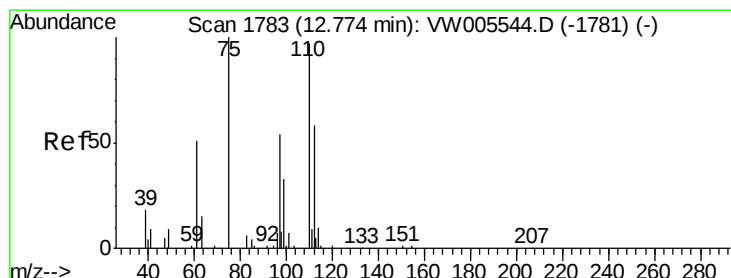
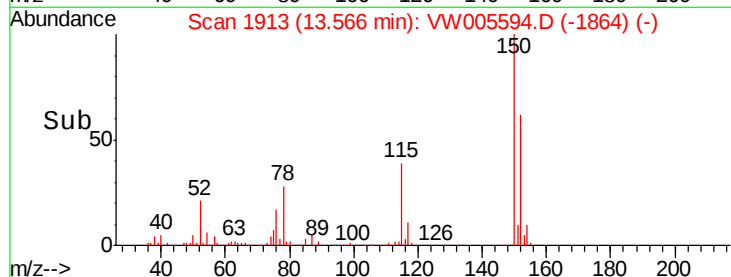
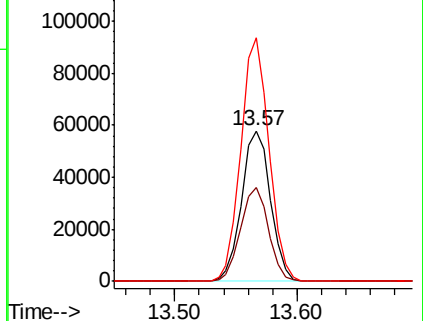
150 157.3 0.0 348.6



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: 42.188 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005594.D

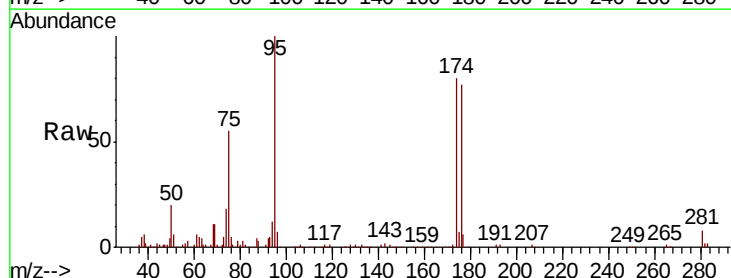
Acq: 24 Sep 2018 19:13

Tgt Ion: 75 Resp: 34102

Ion Ratio Lower Upper

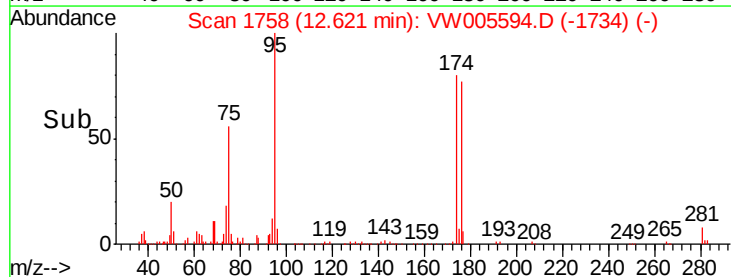
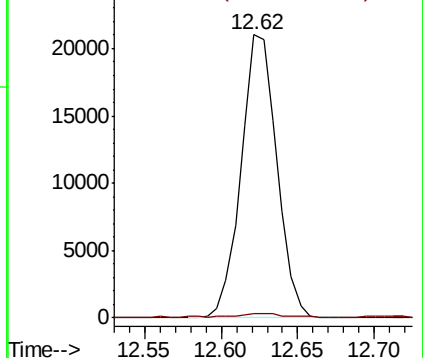
75 100

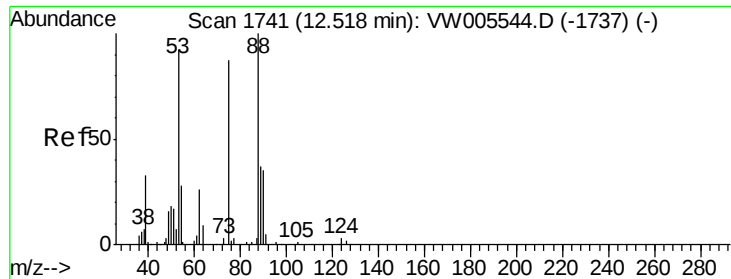
77 2.3 0.0 0.0#



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: 95.020 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005594.D

Acq: 24 Sep 2018 19:13

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-H

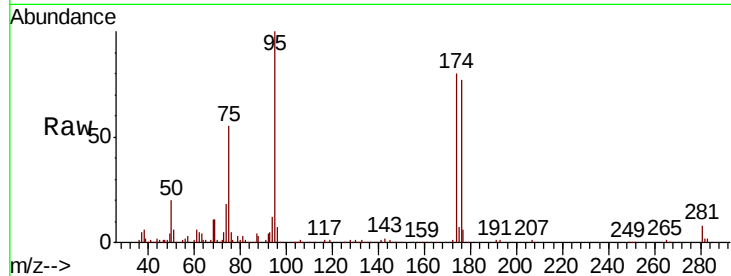
Tot Ion: 75 Resp: 34102

Ion Ratio Lower Upper

75 100

53 0.2 85.8 128.6#

89 0.0 37.3 55.9#



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

