

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006725.D
 Acq On : 07 Nov 2018 09:48
 Operator : SY/AP
 Sample : J5769-02RE
 Misc : 5.84G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WAGARAW-RD-1RE

Quant Time: Nov 07 11:38:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

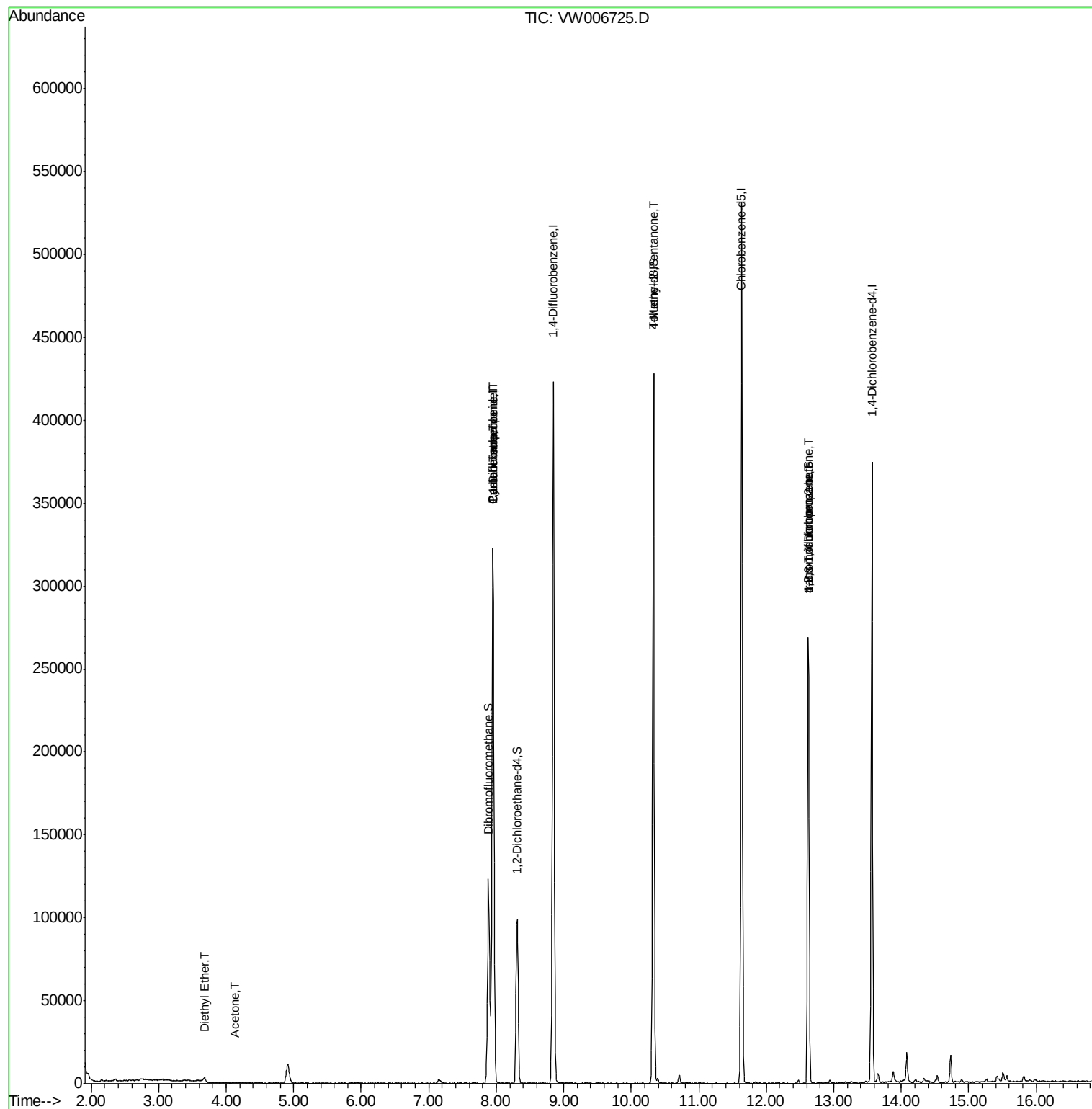
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	380153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	109767	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	79492	35.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.38%	
35) Dibromofluoromethane	7.88	113	86422	36.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.44%	
50) Toluene-d8	10.33	98	291751	32.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.24%	
62) 4-Bromofluorobenzene	12.62	95	79266	24.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.14%	
Target Compounds						
8) Diethyl Ether	3.68	74	1789	1.575	ug/l	84
16) Acetone	4.14	43	865	2.372	ug/l	92
20) Methylene Chloride	4.92	84	9898	Below Cal		96
31) Cyclohexane	7.95	56	4180	1.162	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15792	4.724	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23286	6.666	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	1214	1.022	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	38591	45.060	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	38591	113.144	ug/l #	11

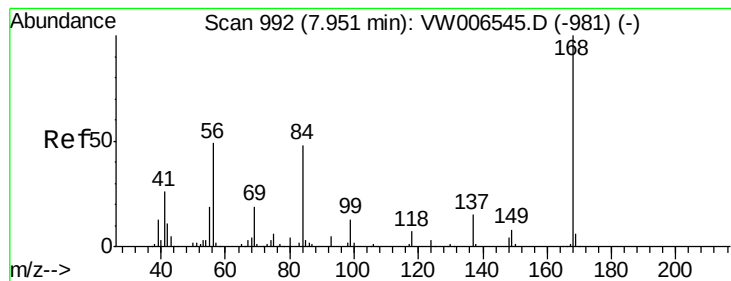
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006725.D

Acq: 07 Nov 2018 09:48

Instrument :

MSVOA_W

ClientSampleId :

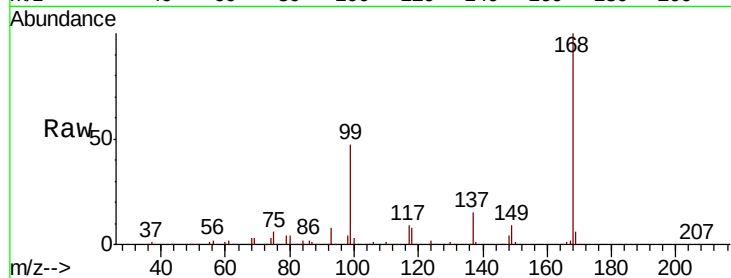
WAGARAW-RD-1RE

Tot Ion:168 Resp: 262791

Ion Ratio Lower Upper

168 100

99 47.5 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

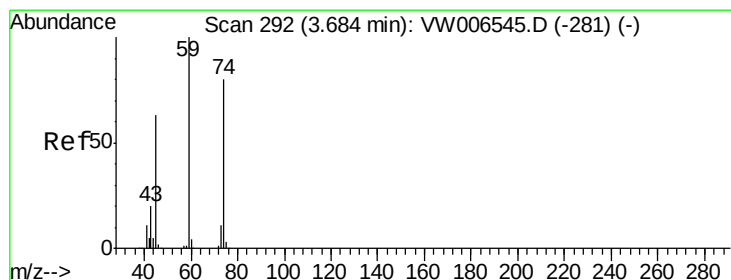
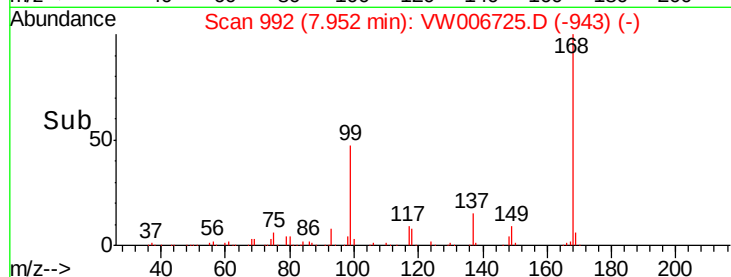
100000

50000

0

7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 1.575 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006725.D

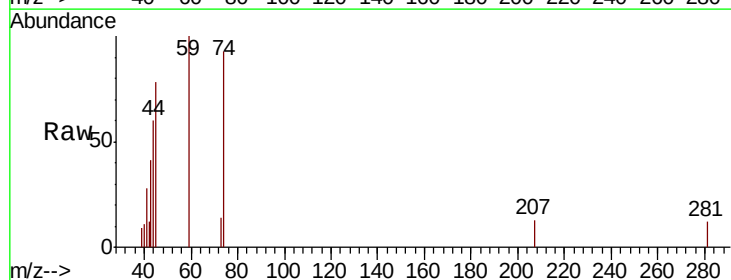
Acq: 07 Nov 2018 09:48

Tgt Ion: 74 Resp: 1789

Ion Ratio Lower Upper

74 100

45 96.7 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

600

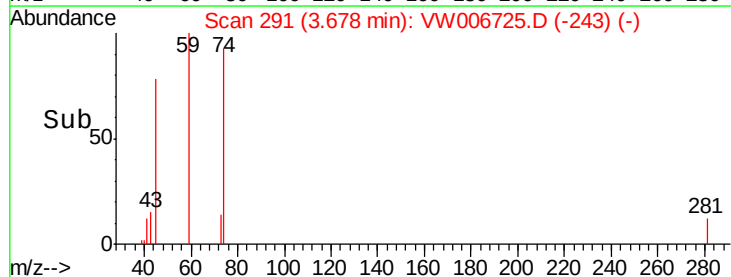
400

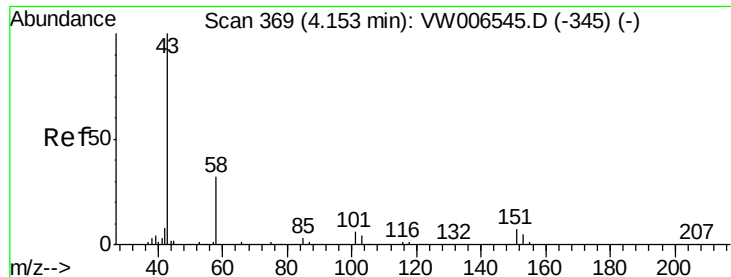
200

0

3.60 3.65 3.70 3.75

Time-->





#16

Acetone

Concen: 2.372 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW006725.D

Acq: 07 Nov 2018 09:48

Instrument :

MSVOA_W

ClientSampleId :

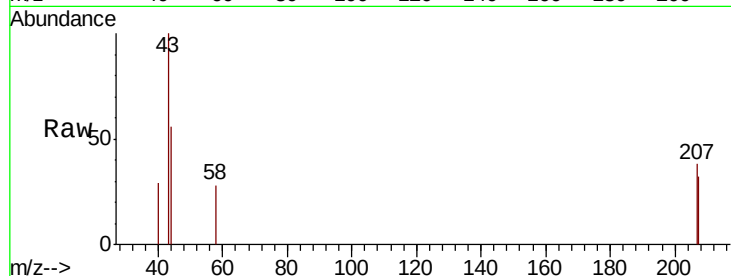
WAGARAW-RD-1RE

Tot Ion: 43 Resp: 865

Ion Ratio Lower Upper

43 100

58 27.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

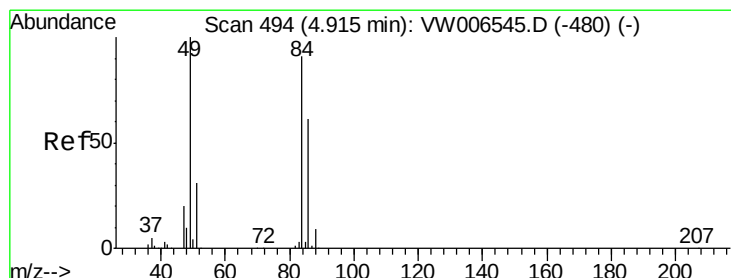
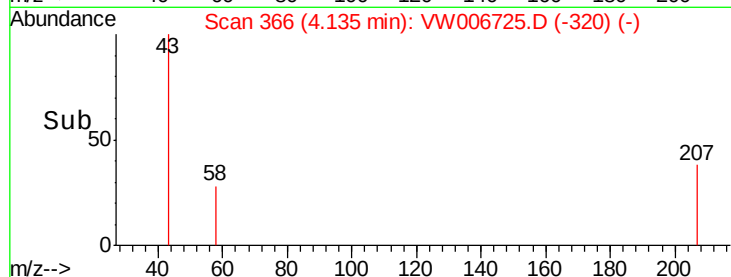
300

200

100

0

Time--> 4.05 4.10 4.15 4.20



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006725.D

Acq: 07 Nov 2018 09:48

Tgt Ion: 84 Resp: 9898

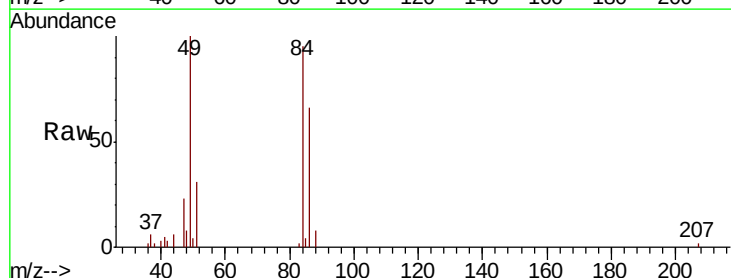
Ion Ratio Lower Upper

84 100

49 104.9 88.2 132.4

51 32.3 27.0 40.6

86 69.7 53.8 80.8



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

5000

4000

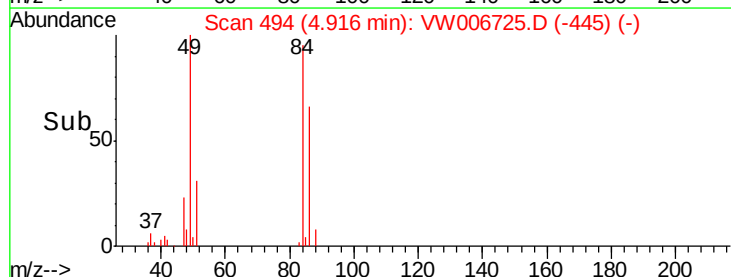
3000

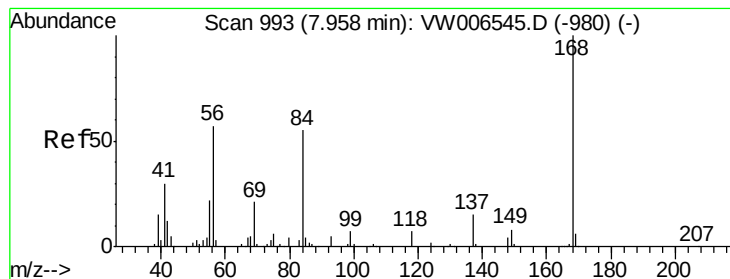
2000

1000

0

Time--> 4.80 4.90 5.00





#31

Cyclohexane

Concen: 1.162 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006725.D

Acq: 07 Nov 2018 09:48

Instrument :

MSVOA_W

ClientSampleId :

WAGARAW-RD-1RE

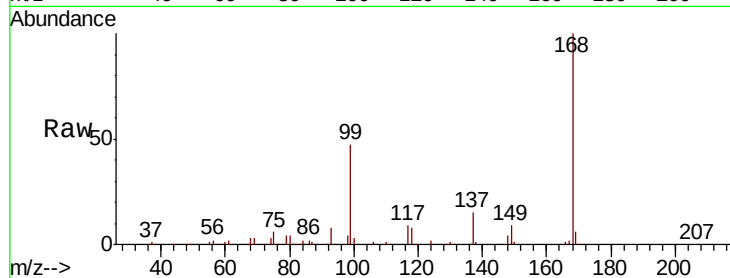
Tot Ion: 56 Resp: 4180

Ion Ratio Lower Upper

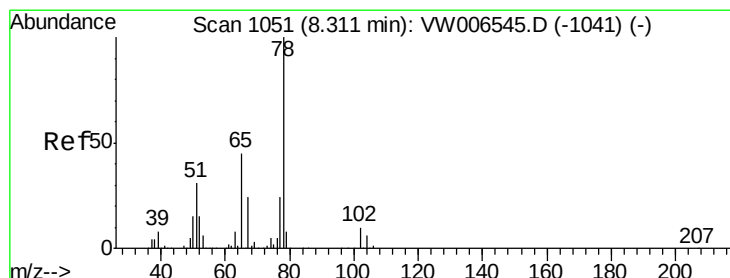
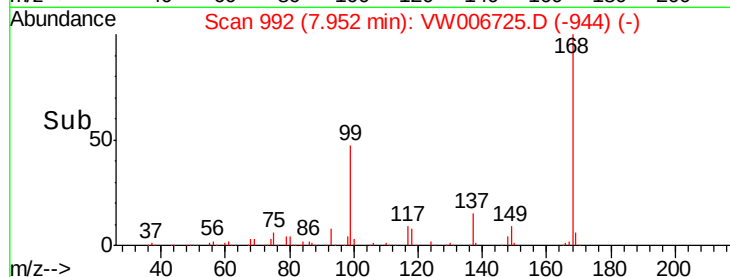
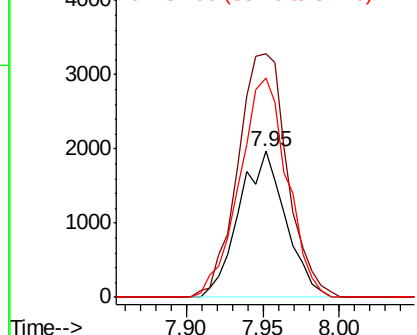
56 100

69 166.6 29.0 43.4#

84 150.0 77.8 116.6#



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: 35.190 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006725.D

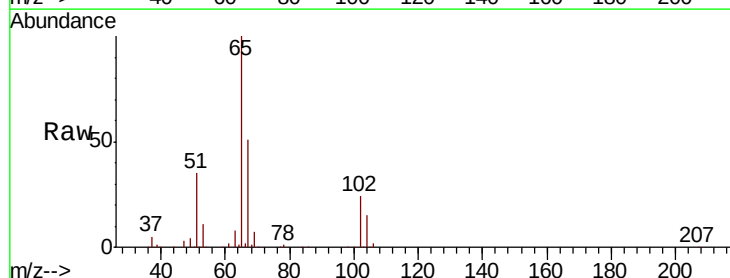
Acq: 07 Nov 2018 09:48

Tgt Ion: 65 Resp: 79492

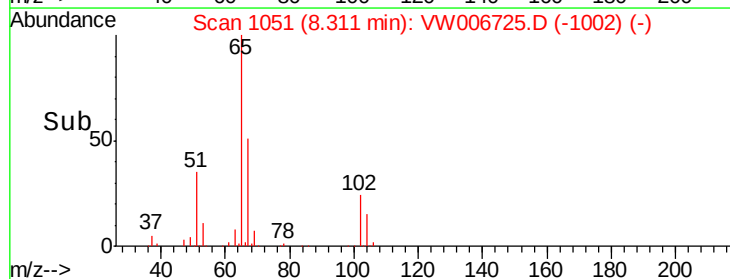
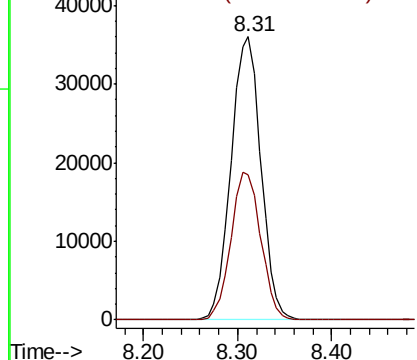
Ion Ratio Lower Upper

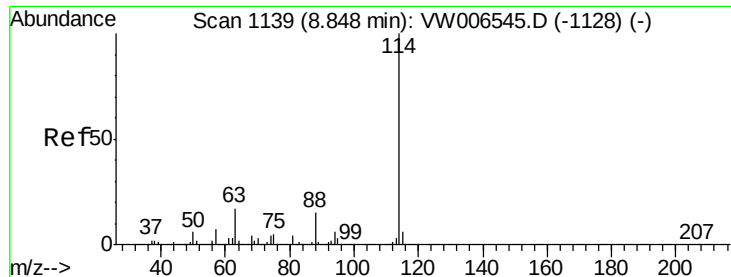
65 100

67 52.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

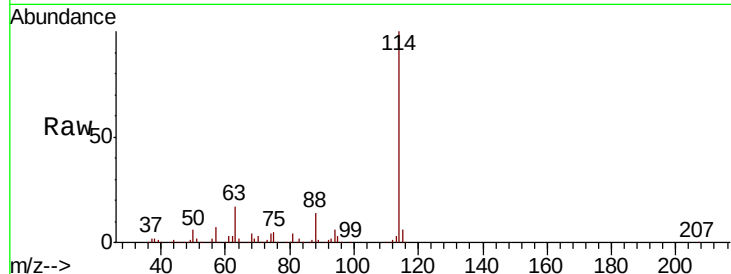




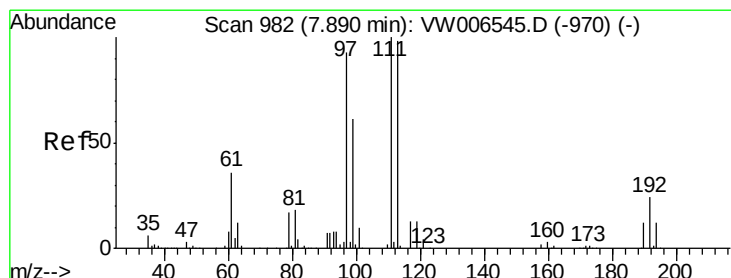
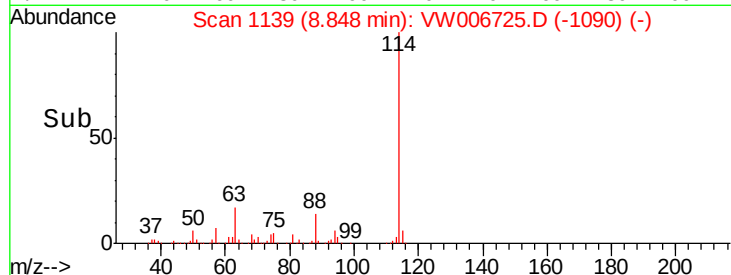
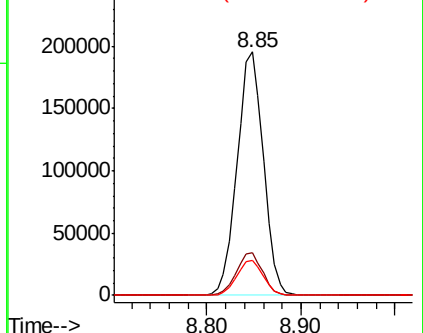
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006725.D
 Acq: 07 Nov 2018 09:48

Instrument :
 MSVOA_W
 ClientSampleId :
 WAGARAW-RD-1RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.4
88	14.3	0.0	29.0

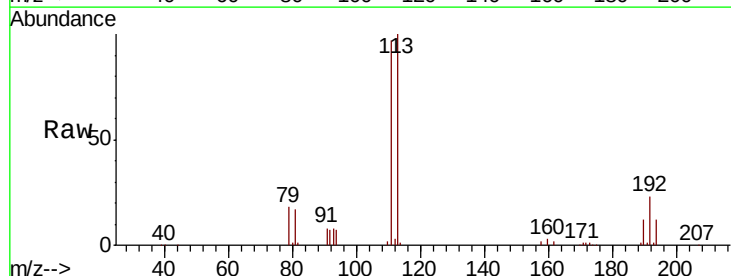


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

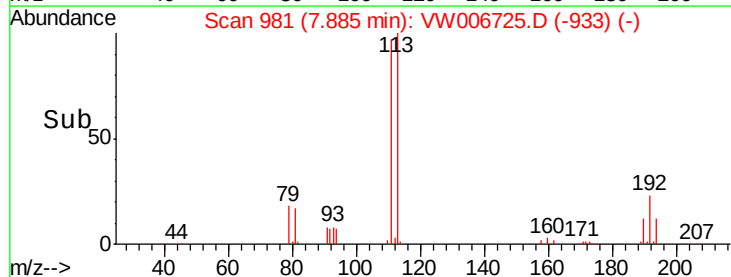
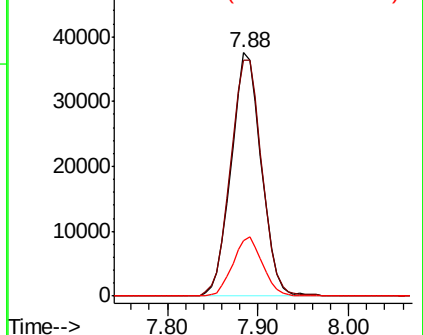


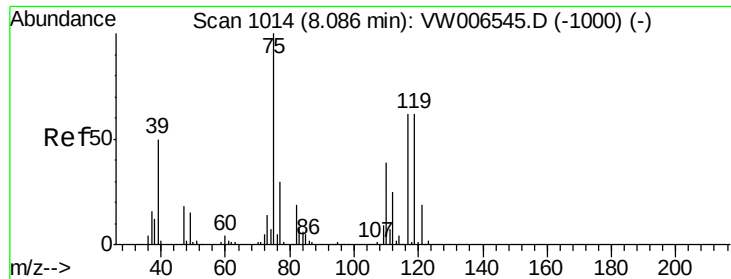
#35
 Dibromofluoromethane
 Concen: 36.224 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006725.D
 Acq: 07 Nov 2018 09:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.2
192	24.0	19.0	28.6



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: 4.724 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006725.D

Acq: 07 Nov 2018 09:48

Instrument :

MSVOA_W

ClientSampleId :

WAGARAW-RD-1RE

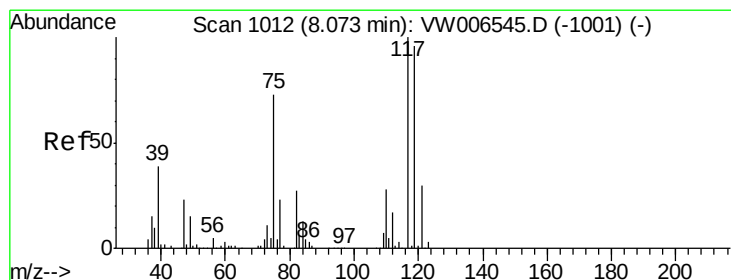
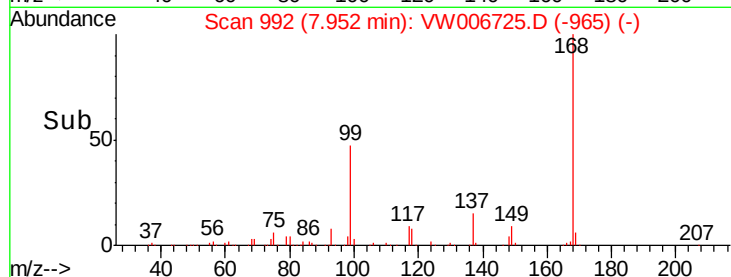
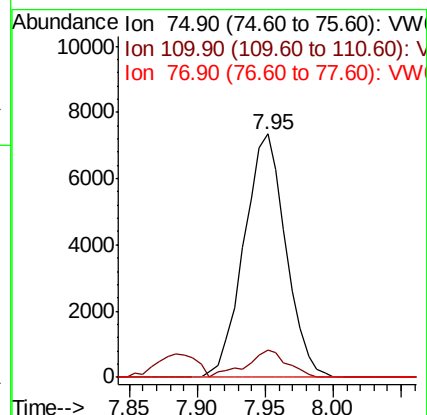
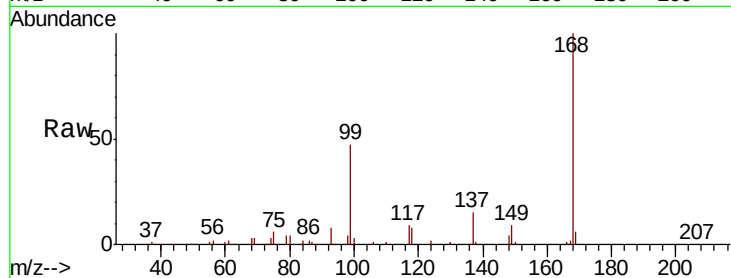
Tot Ion: 75 Resp: 15792

Ion Ratio Lower Upper

75 100

110 10.7 19.5 58.5#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.666 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006725.D

Acq: 07 Nov 2018 09:48

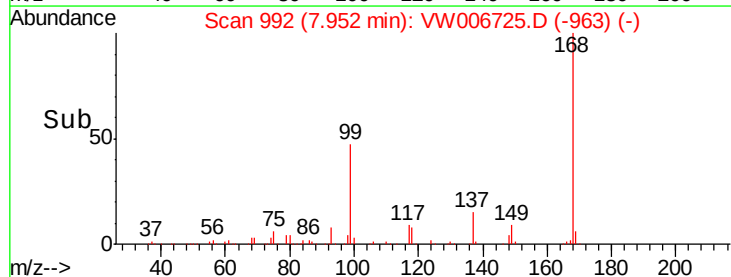
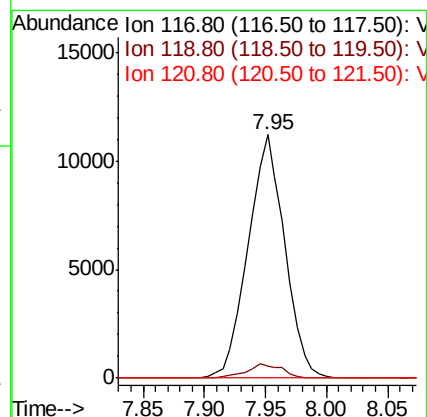
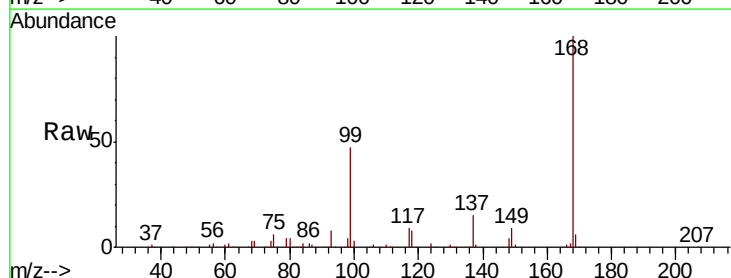
Tgt Ion: 117 Resp: 23286

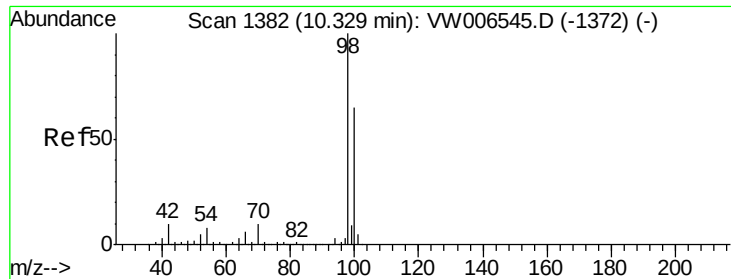
Ion Ratio Lower Upper

117 100

119 5.0 76.3 114.5#

121 0.0 24.1 36.1#

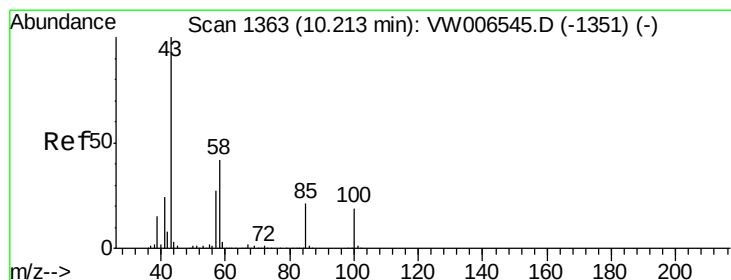
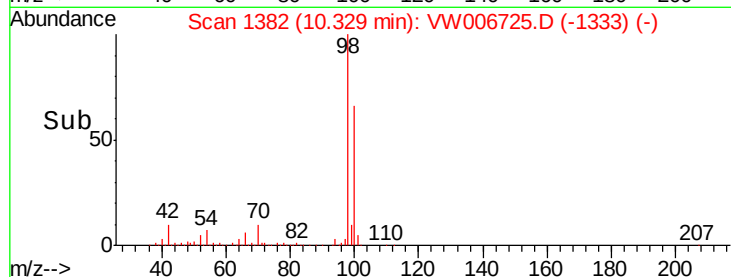
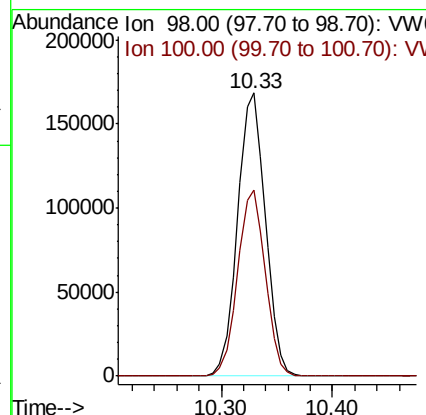
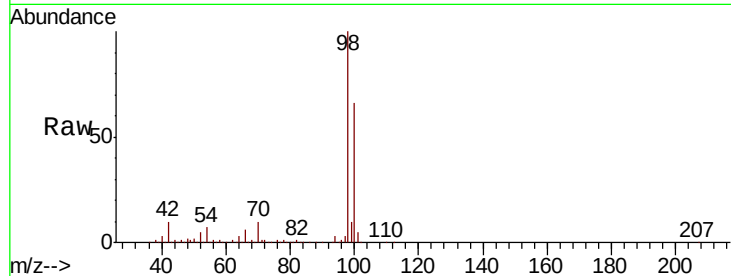




#50
Toluene-d8
Concen: 32.123 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006725.D
Acq: 07 Nov 2018 09:48

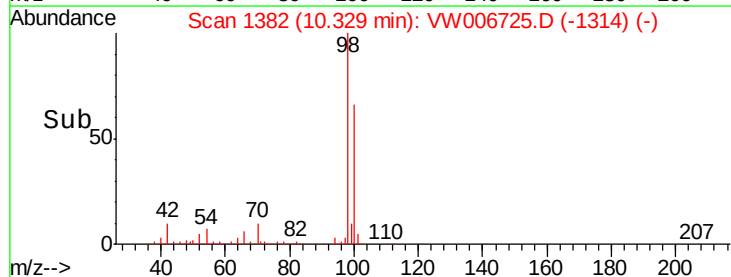
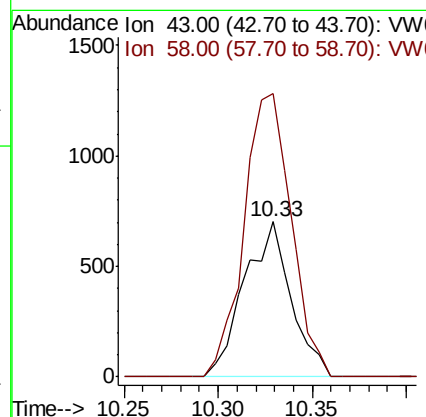
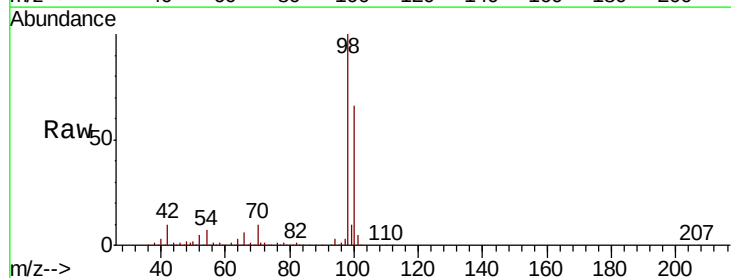
Instrument :
MSVOA_W
ClientSampleId :
WAGARAW-RD-1RE

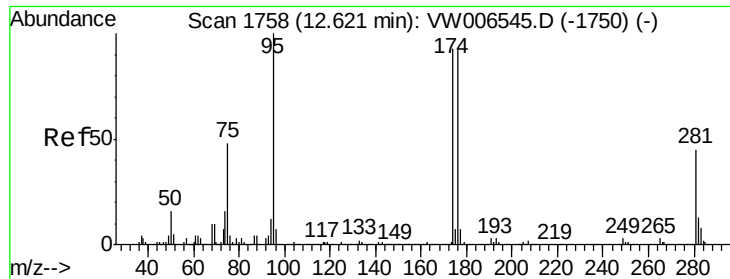
Tot Ion: 98 Resp: 291751
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.022 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.12 min
Lab File: VW006725.D
Acq: 07 Nov 2018 09:48

Tgt Ion: 43 Resp: 1214
Ion Ratio Lower Upper
43 100
58 183.3 33.4 50.0#

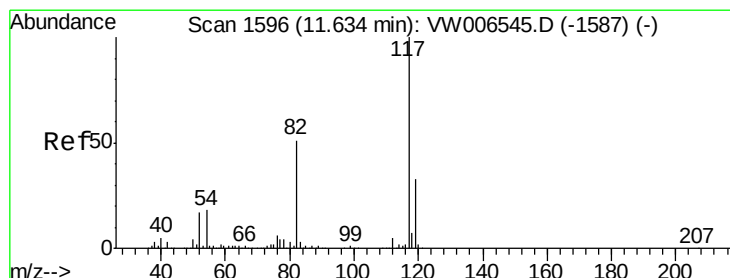
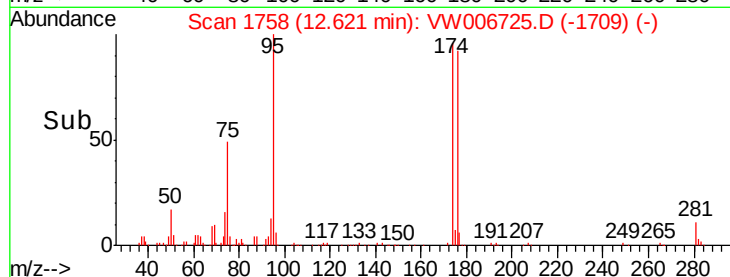
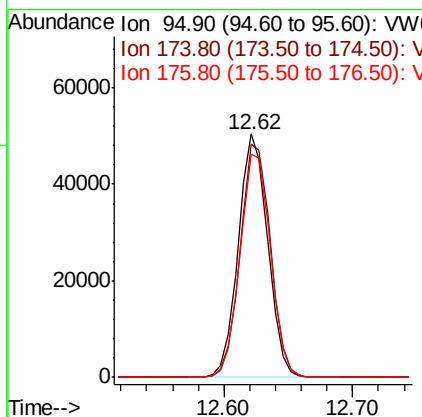
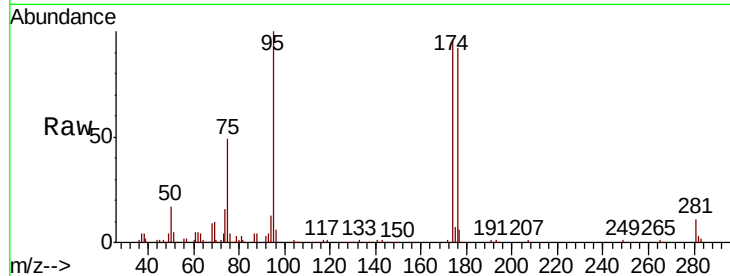




#62
4-Bromofluorobenzene
Concen: 24.074 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006725.D
Acq: 07 Nov 2018 09:48

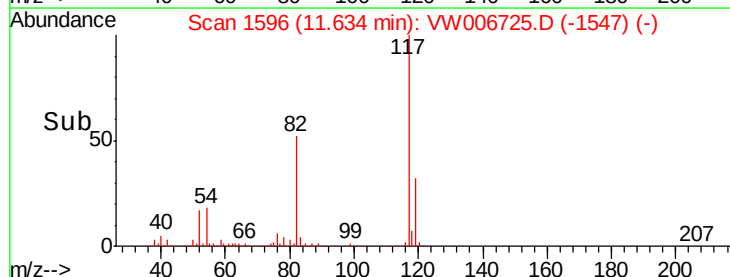
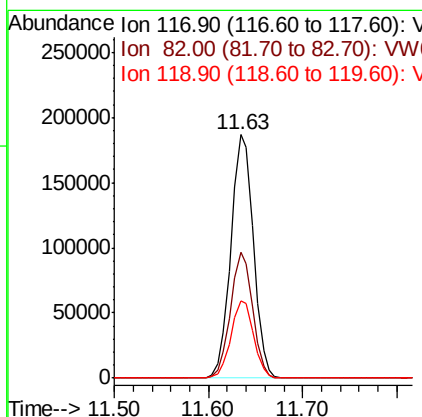
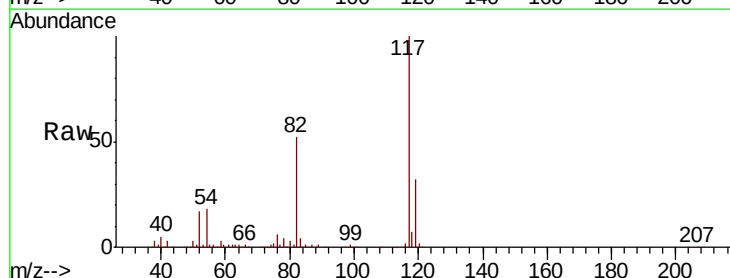
Instrument :
MSVOA_W
ClientSampleId :
WAGARAW-RD-1RE

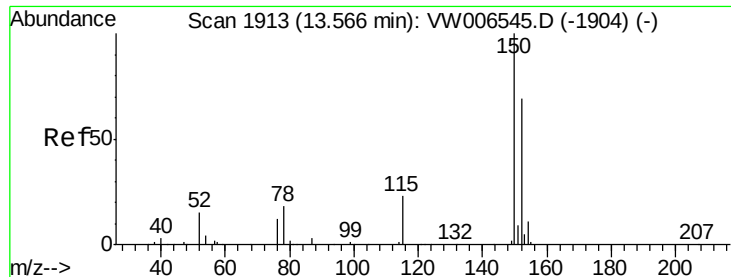
Tot Ion: 95 Resp: 79266
Ion Ratio Lower Upper
95 100
174 98.5 0.0 192.4
176 95.0 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006725.D
Acq: 07 Nov 2018 09:48

Tgt Ion: 117 Resp: 310064
Ion Ratio Lower Upper
117 100
82 51.6 40.8 61.2
119 31.9 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006725.D

Acq: 07 Nov 2018 09:48

Instrument :

MSVOA_W

ClientSampleId :

WAGARAW-RD-1RE

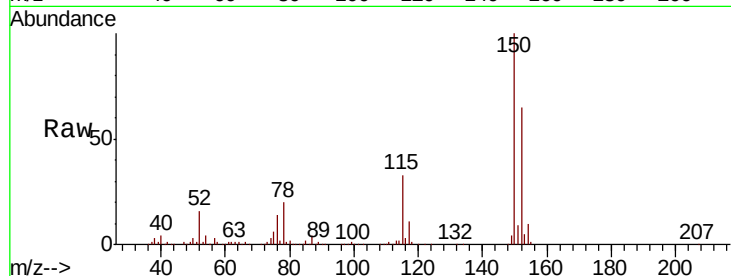
Tot Ion:152 Resp: 109767

Ion Ratio Lower Upper

152 100

115 52.6 26.6 79.8

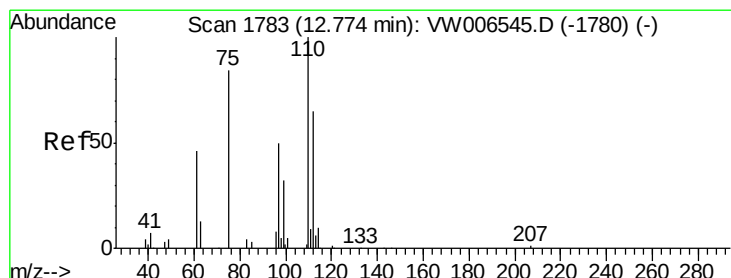
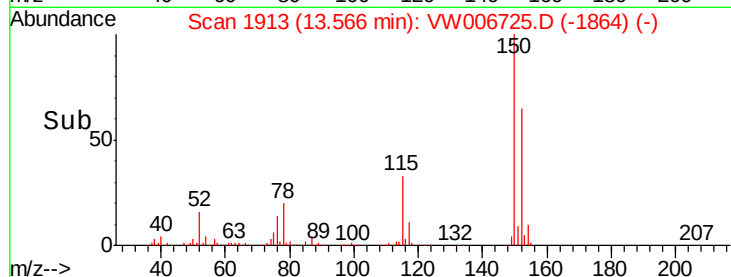
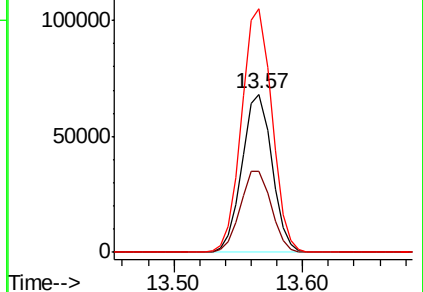
150 155.1 0.0 344.6



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: 45.060 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006725.D

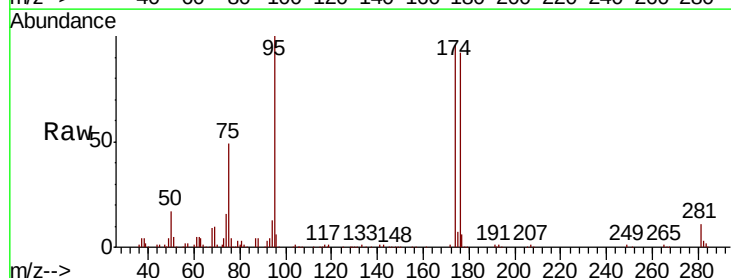
Acq: 07 Nov 2018 09:48

Tgt Ion: 75 Resp: 38591

Ion Ratio Lower Upper

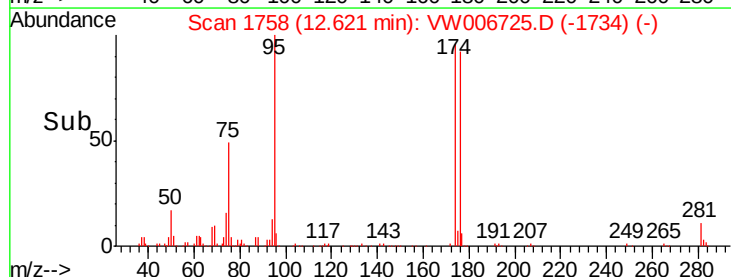
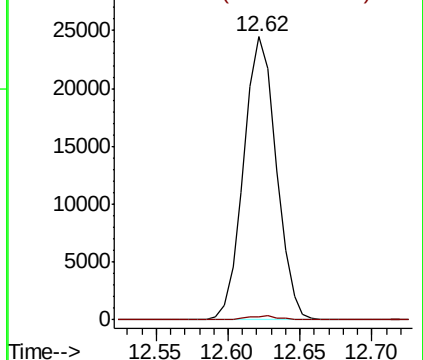
75 100

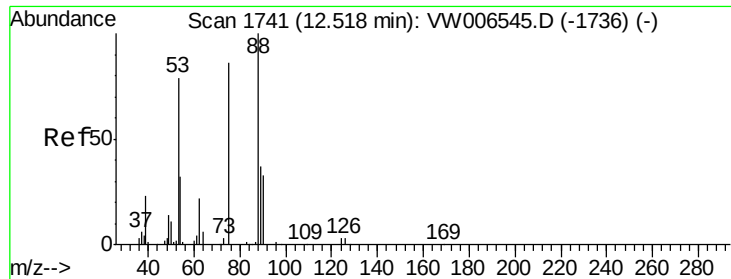
77 1.3 0.0 0.0#



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: 113.144 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006725.D

Acq: 07 Nov 2018 09:48

Instrument :

MSVOA_W

ClientSampleId :

WAGARAW-RD-1RE

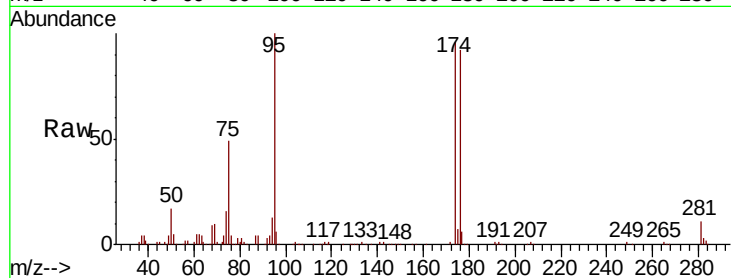
Tot Ion: 75 Resp: 38591

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#



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

