

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007652.D
 Acq On : 18 Dec 2018 12:33
 Operator : SY/AP
 Sample : J6391-04RE
 Misc : 5.58G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 03:15:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

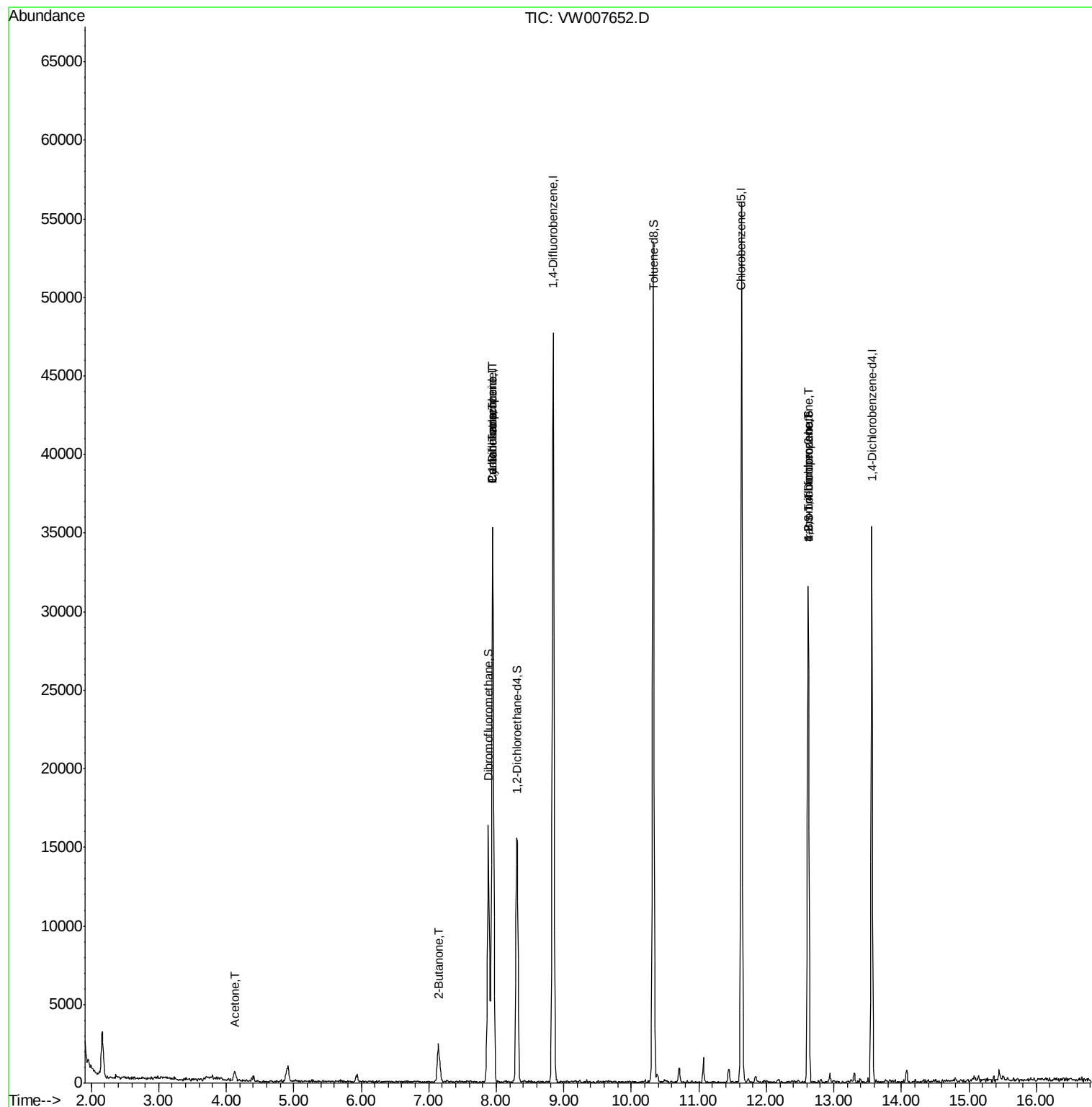
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	24913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	39713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	30551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	9479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	13580	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	7.88	113	11160	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
50) Toluene-d8	10.32	98	35134	38.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.96%	
62) 4-Bromofluorobenzene	12.62	95	10251	30.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.86%	
Target Compounds						
16) Acetone	4.13	43	923	19.119	ug/l	99
20) Methylene Chloride	4.92	84	887	Below Cal		95
25) 2-Butanone	7.15	43	72	1.142	ug/l #	45
31) Cyclohexane	7.95	56	527	1.227	ug/l #	38
36) 1,1-Dichloropropene	7.95	75	1915	5.286	ug/l #	48
38) Carbon Tetrachloride	7.95	117	2843	7.212	ug/l #	20
76) 1,2,3-Trichloropropane	12.62	75	5203	66.571	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	5203	147.056	ug/l #	7

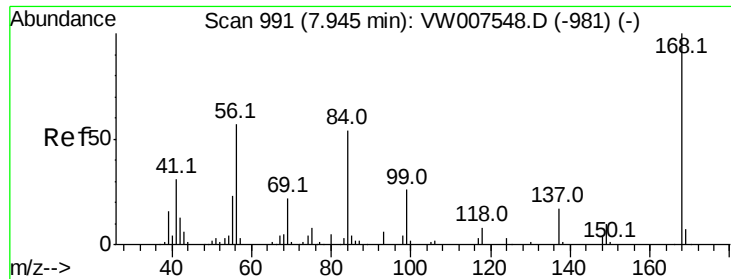
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 11 02:58:16 2018
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: VW007652.D

Acq: 18 Dec 2018 12:33

Instrument :

MSVOA_W

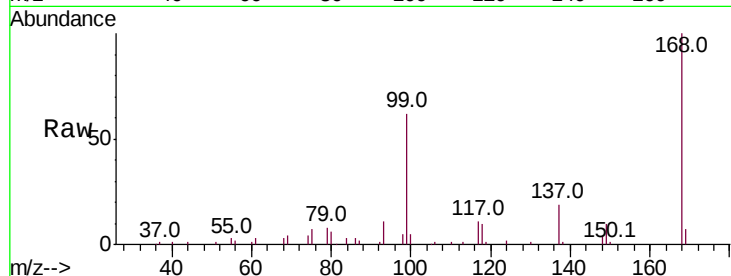
ClientSampleId :

Tot Ion:168 Resp: 24913

Ion Ratio Lower Upper

168 100

99 62.3 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

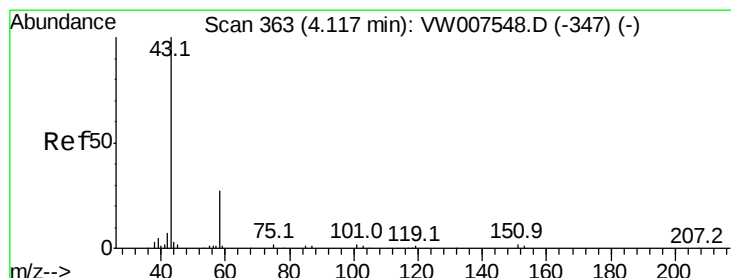
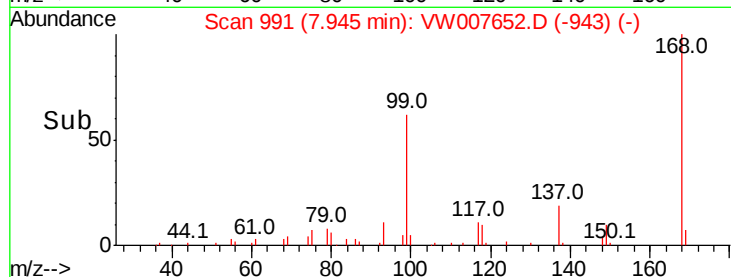
7.95

10000

5000

0

Time--> 7.85 7.90 7.95 8.00



#16

Acetone

Concen: 19.119 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007652.D

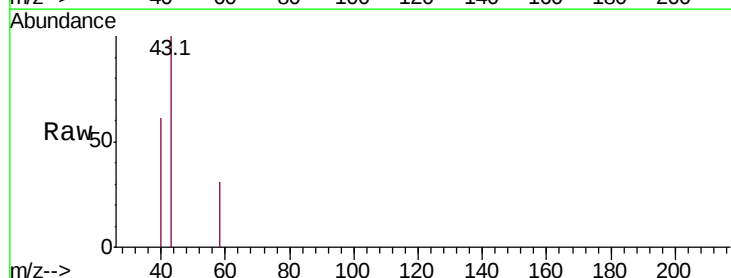
Acq: 18 Dec 2018 12:33

Tgt Ion: 43 Resp: 923

Ion Ratio Lower Upper

43 100

58 30.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

400

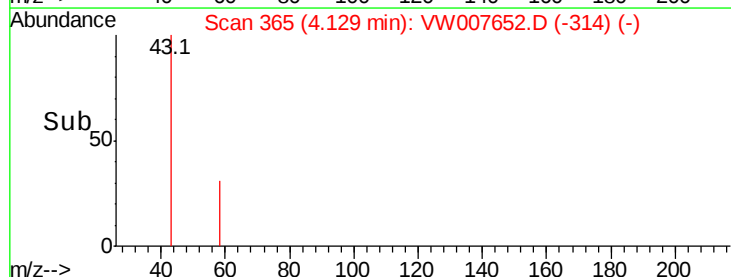
300

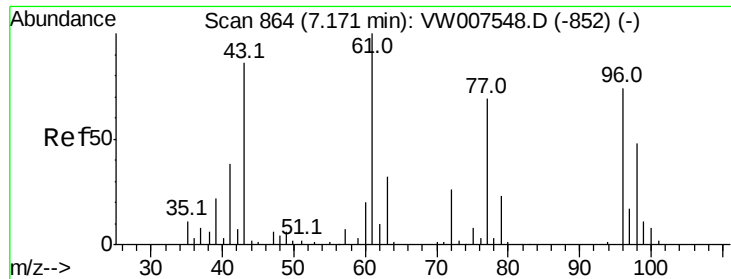
200

100

0

Time--> 4.05 4.10 4.15 4.20





#25

2-Butanone

Concen: 1.142 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW007652.D

Acq: 18 Dec 2018 12:33

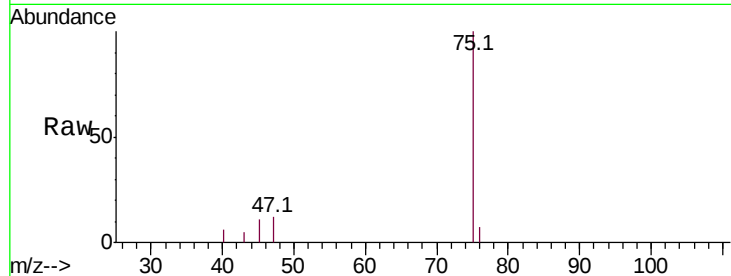
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 72

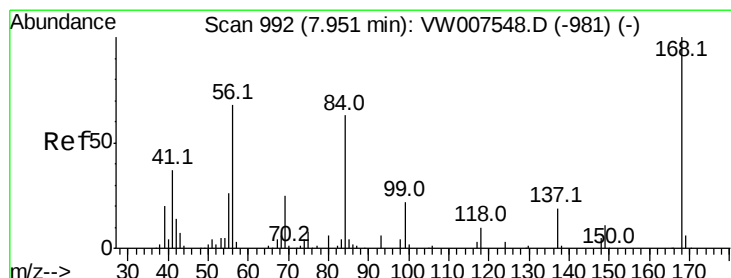
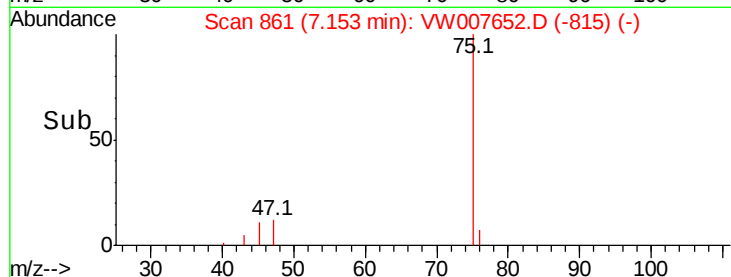
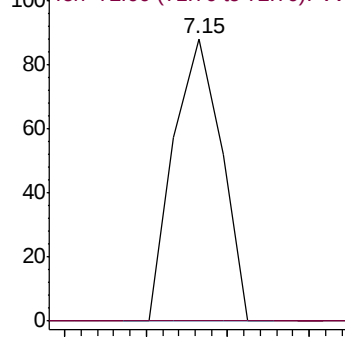
Ion Ratio Lower Upper

43 100

72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.227 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007652.D

Acq: 18 Dec 2018 12:33

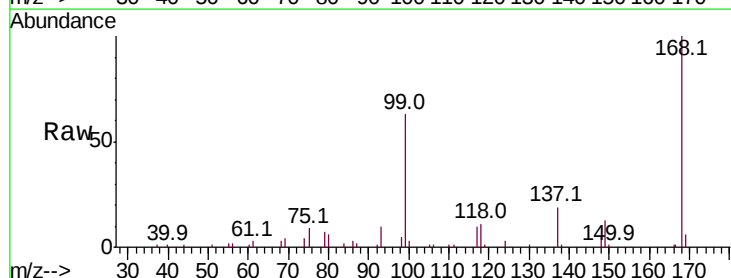
Tgt Ion: 56 Resp: 527

Ion Ratio Lower Upper

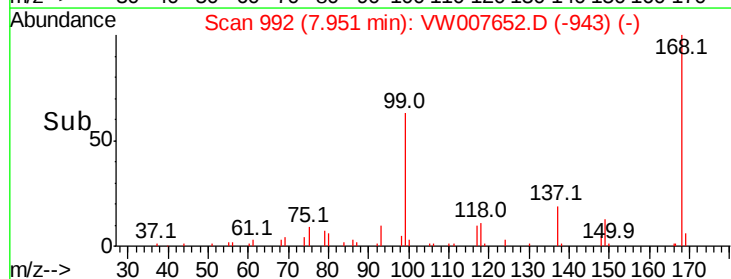
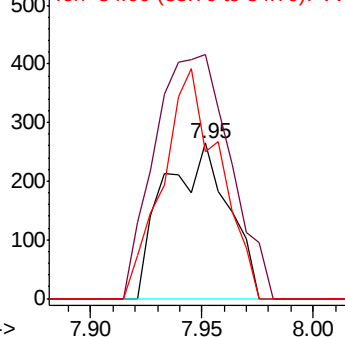
56 100

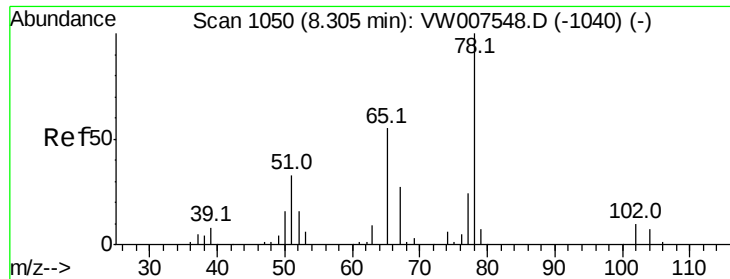
69 157.0 28.9 43.3#

84 94.3 71.8 107.6



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: 49.134 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW007652.D

Acq: 18 Dec 2018 12:33

Instrument :

MSVOA_W

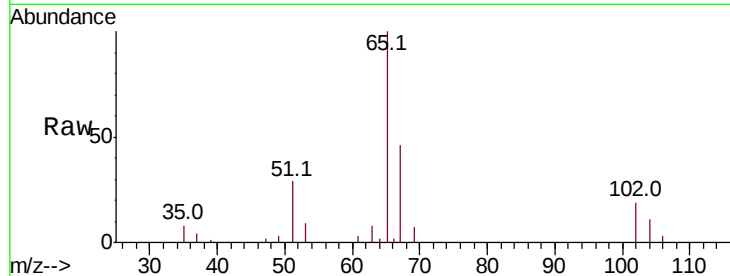
ClientSampleId :

Tot Ion: 65 Resp: 13580

Ion Ratio Lower Upper

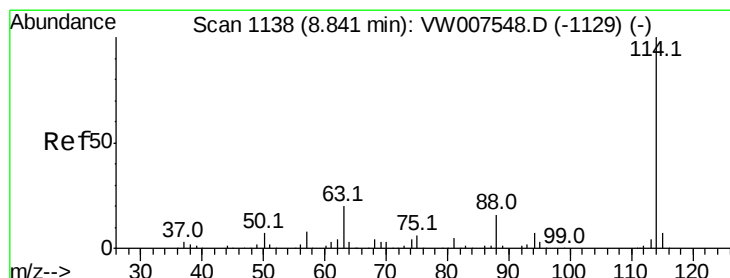
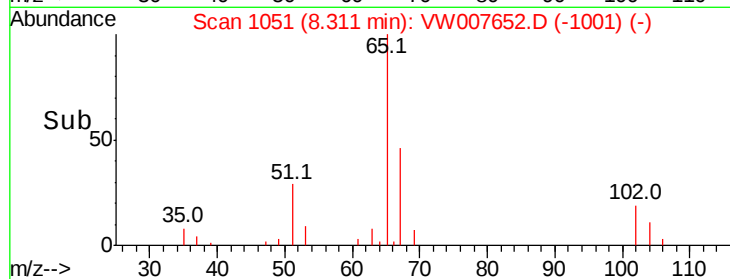
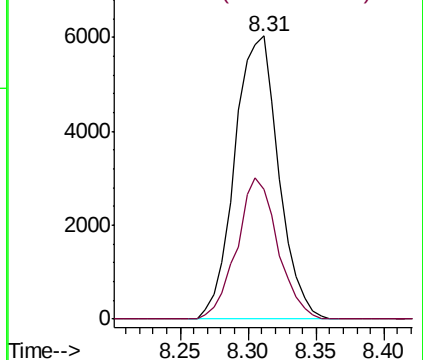
65 100

67 46.6 0.0 101.6



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: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007652.D

Acq: 18 Dec 2018 12:33

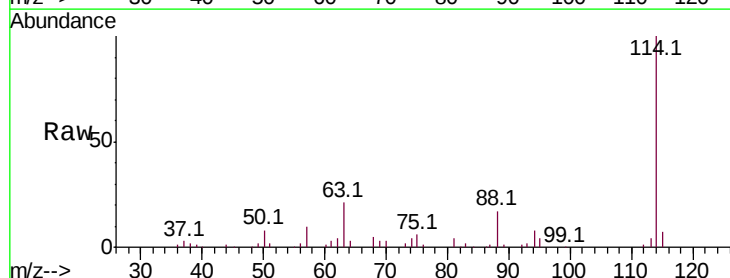
Tgt Ion: 114 Resp: 39713

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

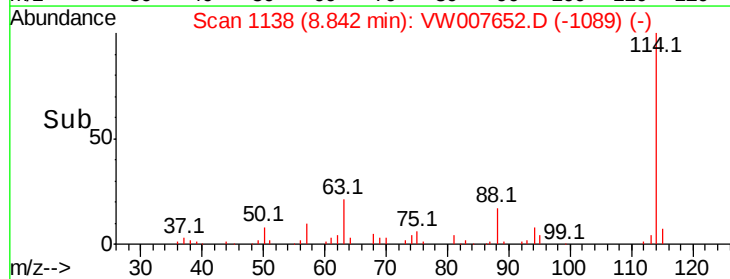
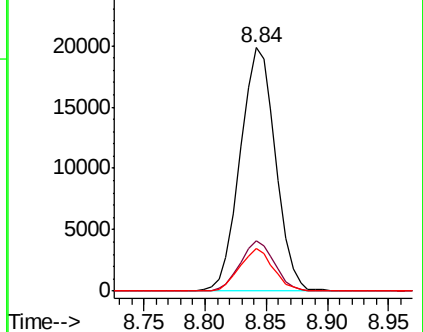
88 17.4 0.0 31.4

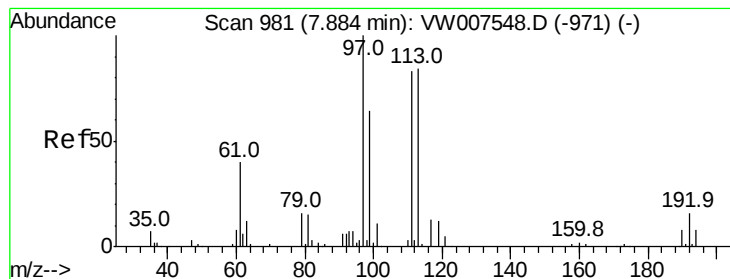


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 46.423 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007652.D

Acq: 18 Dec 2018 12:33

Instrument :

MSVOA_W

ClientSampleId :

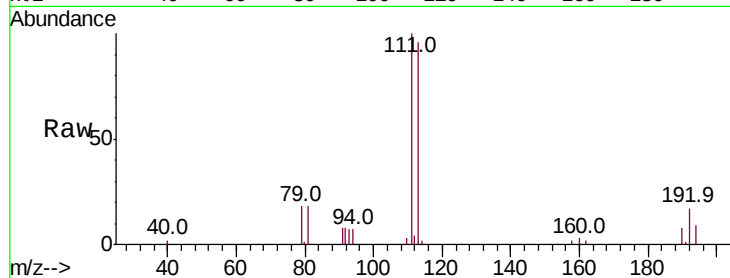
Tot Ion:113 Resp: 11160

Ion Ratio Lower Upper

113 100

111 104.4 81.1 121.7

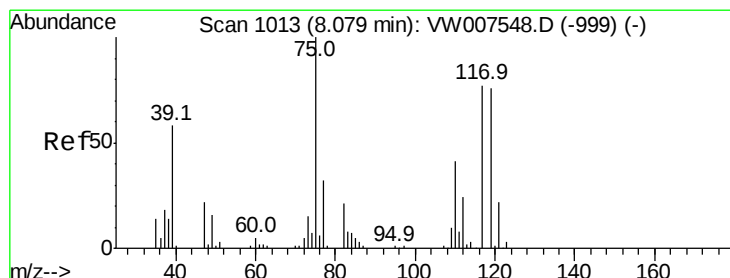
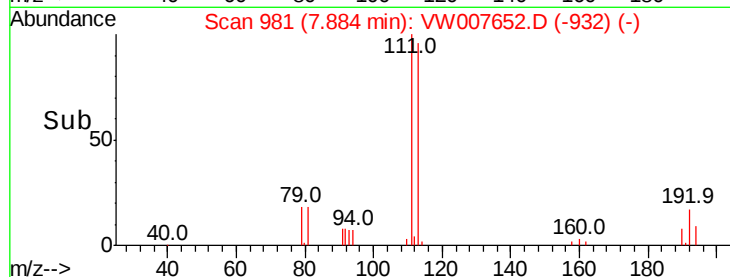
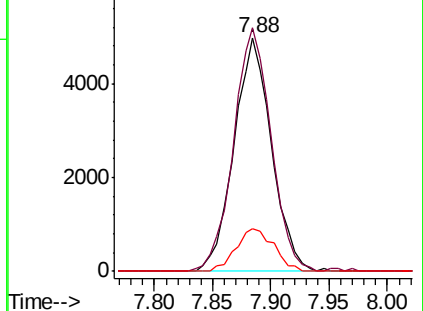
192 18.4 14.6 21.8



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: 5.286 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007652.D

Acq: 18 Dec 2018 12:33

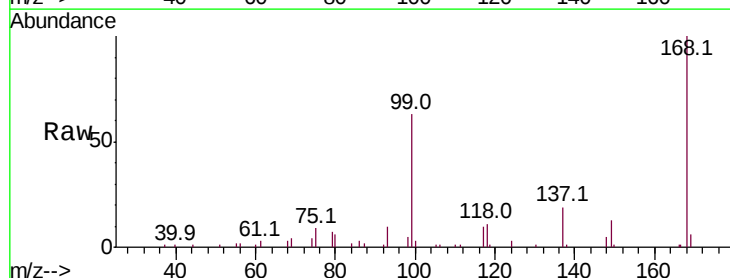
Tgt Ion: 75 Resp: 1915

Ion Ratio Lower Upper

75 100

110 8.4 18.5 55.5#

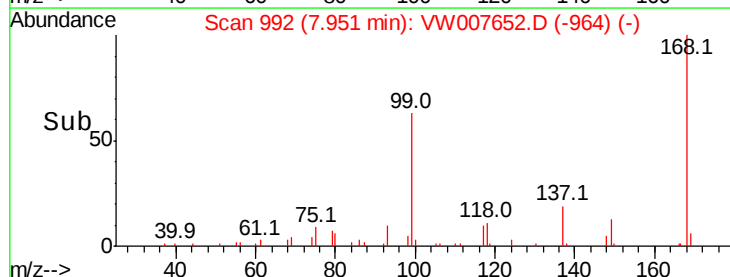
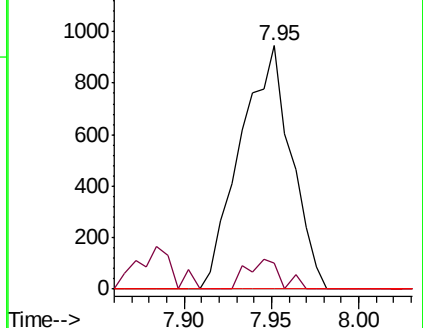
77 0.0 25.6 38.4#

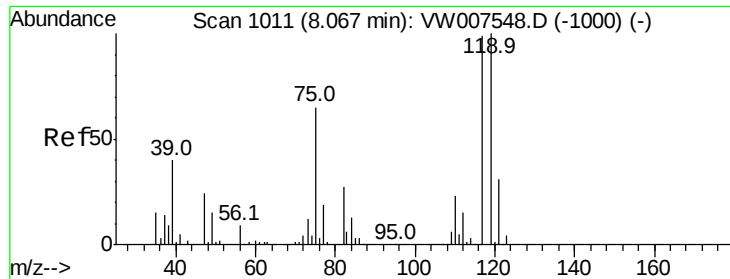


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

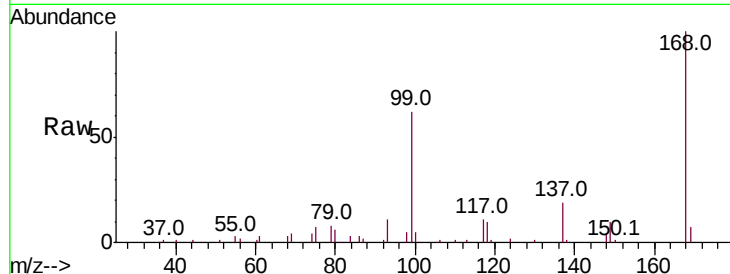




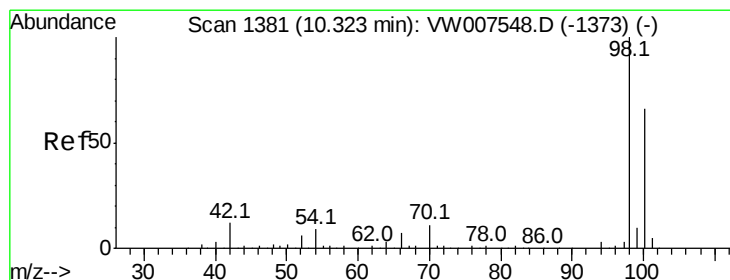
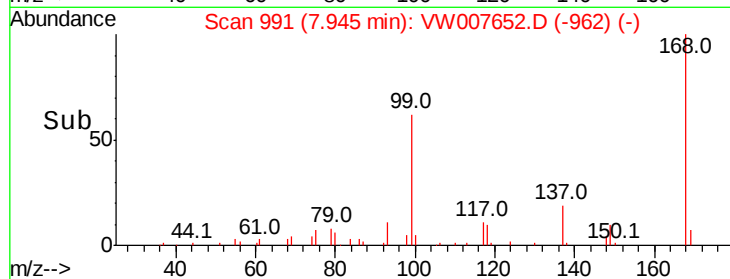
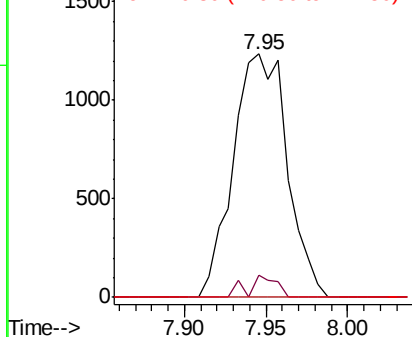
#38
Carbon Tetrachloride
Concen: 7.212 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007652.D
Acq: 18 Dec 2018 12:33

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 2843
Ion Ratio Lower Upper
117 100
119 9.1 74.3 111.5#
121 0.0 24.3 36.5#

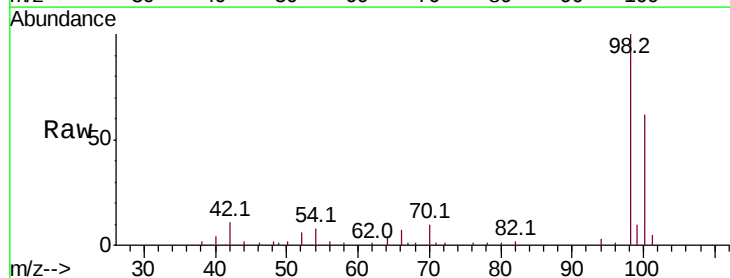


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

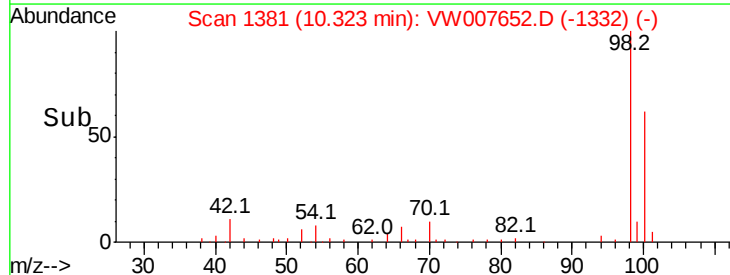
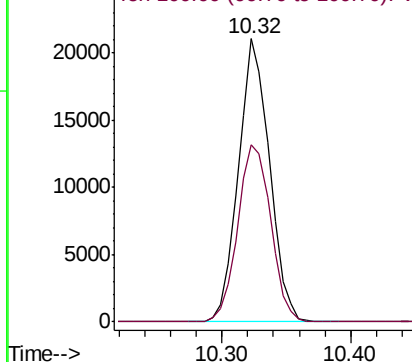


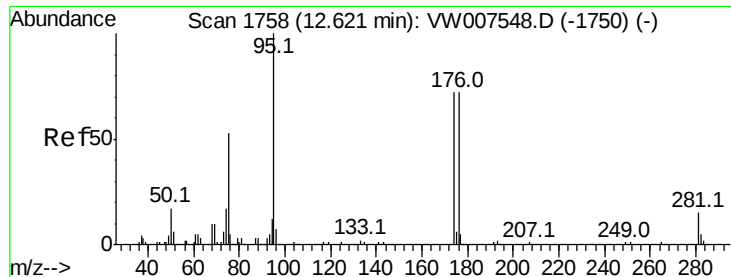
#50
Toluene-d8
Concen: 38.979 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007652.D
Acq: 18 Dec 2018 12:33

Tgt Ion: 98 Resp: 35134
Ion Ratio Lower Upper
98 100
100 66.4 51.8 77.8



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

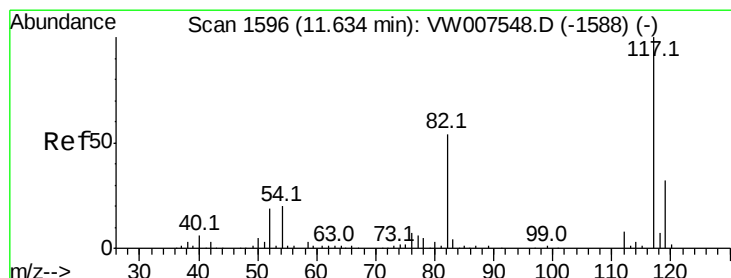
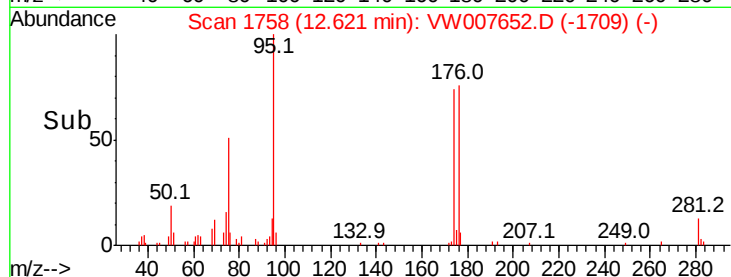
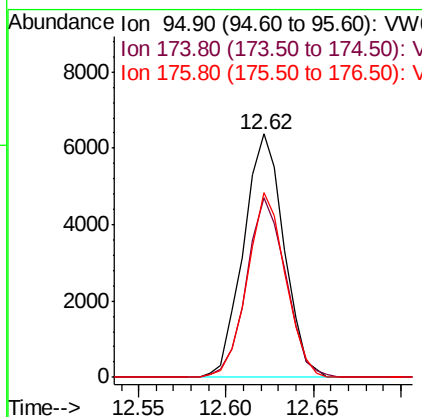
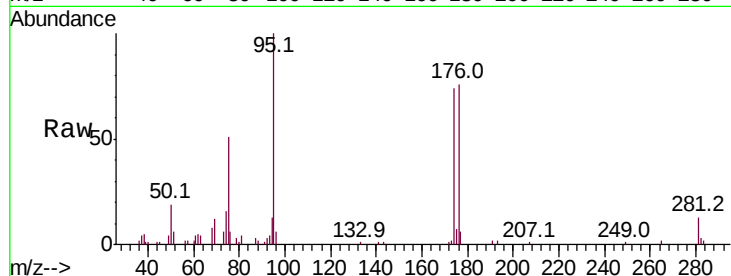




#62
4-Bromofluorobenzene
Concen: 30.932 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007652.D
Acq: 18 Dec 2018 12:33

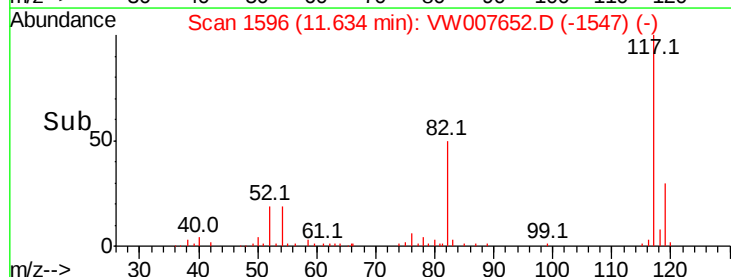
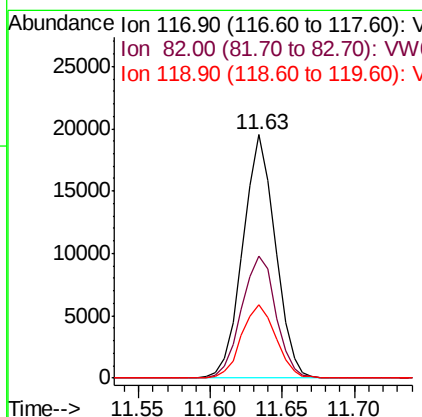
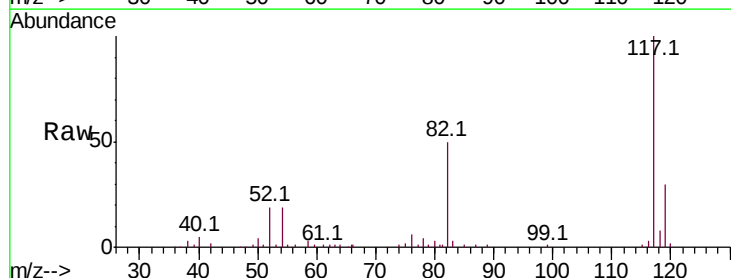
Instrument :
MSVOA_W
ClientSampleId :

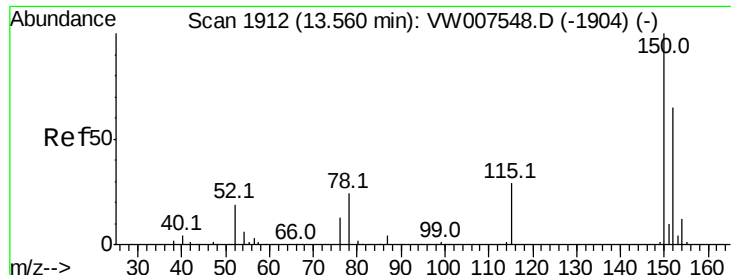
Tot Ion: 95 Resp: 10251
Ion Ratio Lower Upper
95 100
174 71.6 0.0 147.2
176 71.6 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007652.D
Acq: 18 Dec 2018 12:33

Tgt Ion: 117 Resp: 30551
Ion Ratio Lower Upper
117 100
82 50.0 42.3 63.5
119 29.9 23.0 34.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007652.D

Acq: 18 Dec 2018 12:33

Instrument :

MSVOA_W

ClientSampleId :

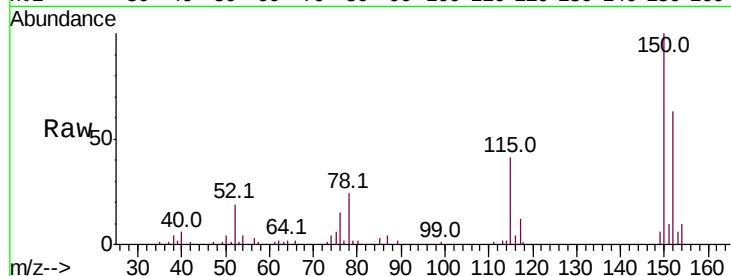
Tot Ion:152 Resp: 9479

Ion Ratio Lower Upper

152 100

115 62.7 31.4 94.2

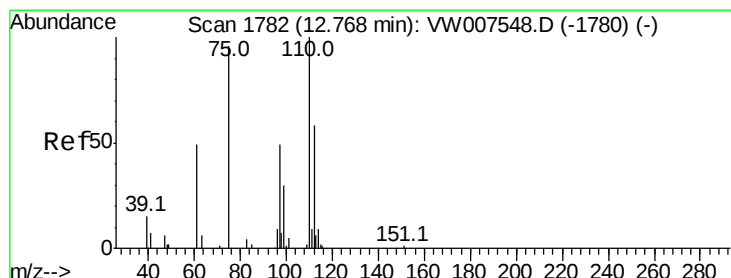
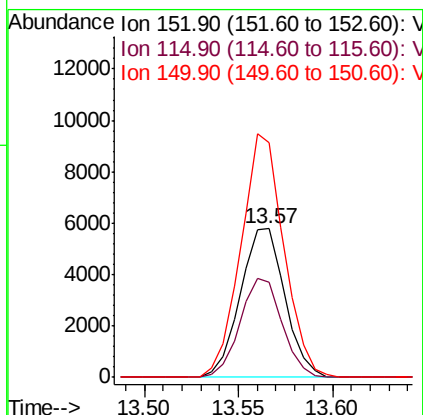
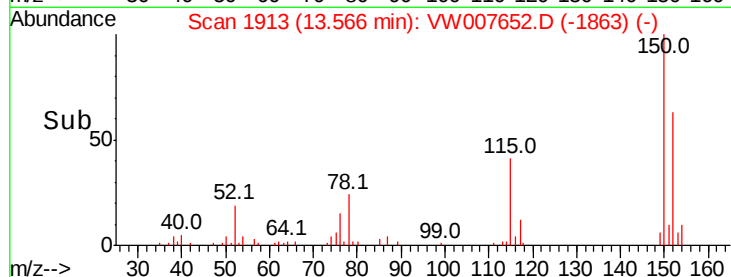
150 157.7 0.0 358.4



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: 66.571 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007652.D

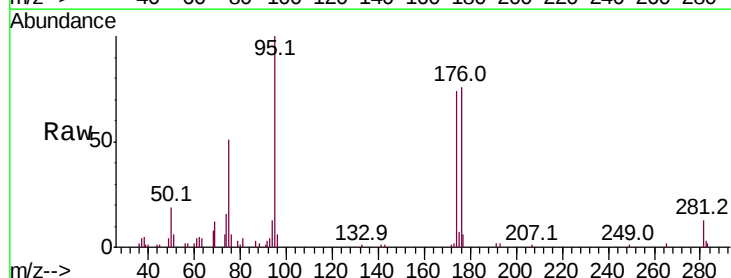
Acq: 18 Dec 2018 12:33

Tgt Ion: 75 Resp: 5203

Ion Ratio Lower Upper

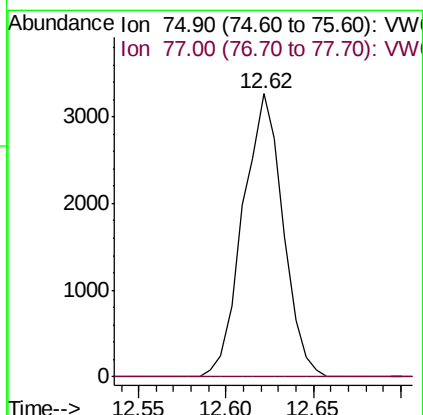
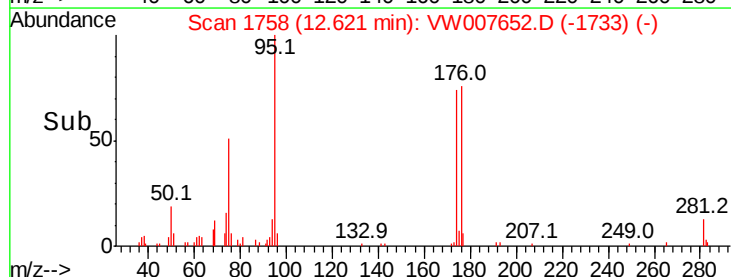
75 100

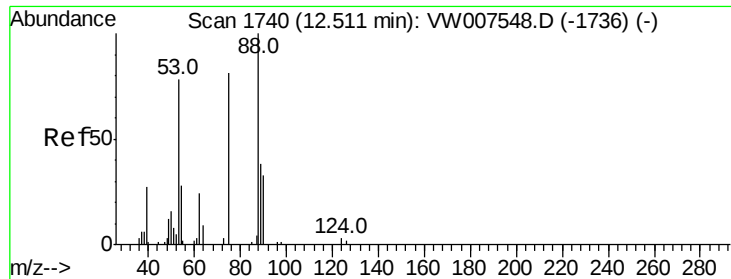
77 0.0 166.9 500.8#



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: 147.056 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007652.D

Acq: 18 Dec 2018 12:33

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 5203

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

