

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007463.D
 Acq On : 13 Dec 2018 02:40
 Operator : SY/AP
 Sample : J6340-05
 Misc : 4.55G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04A

Quant Time: Dec 13 04:22:45 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	45092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	81158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	38954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	3469	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	28941	57.85	ug/l	0.00
Spiked Amount			Recovery	=	115.70%	
35) Dibromofluoromethane	7.88	113	27810	56.61	ug/l	0.00
Spiked Amount			Recovery	=	113.22%	
50) Toluene-d8	10.32	98	59717	32.42	ug/l	0.00
Spiked Amount			Recovery	=	64.84%	
62) 4-Bromofluorobenzene	12.62	95	6780	10.01	ug/l	0.00
Spiked Amount			Recovery	=	20.02%	

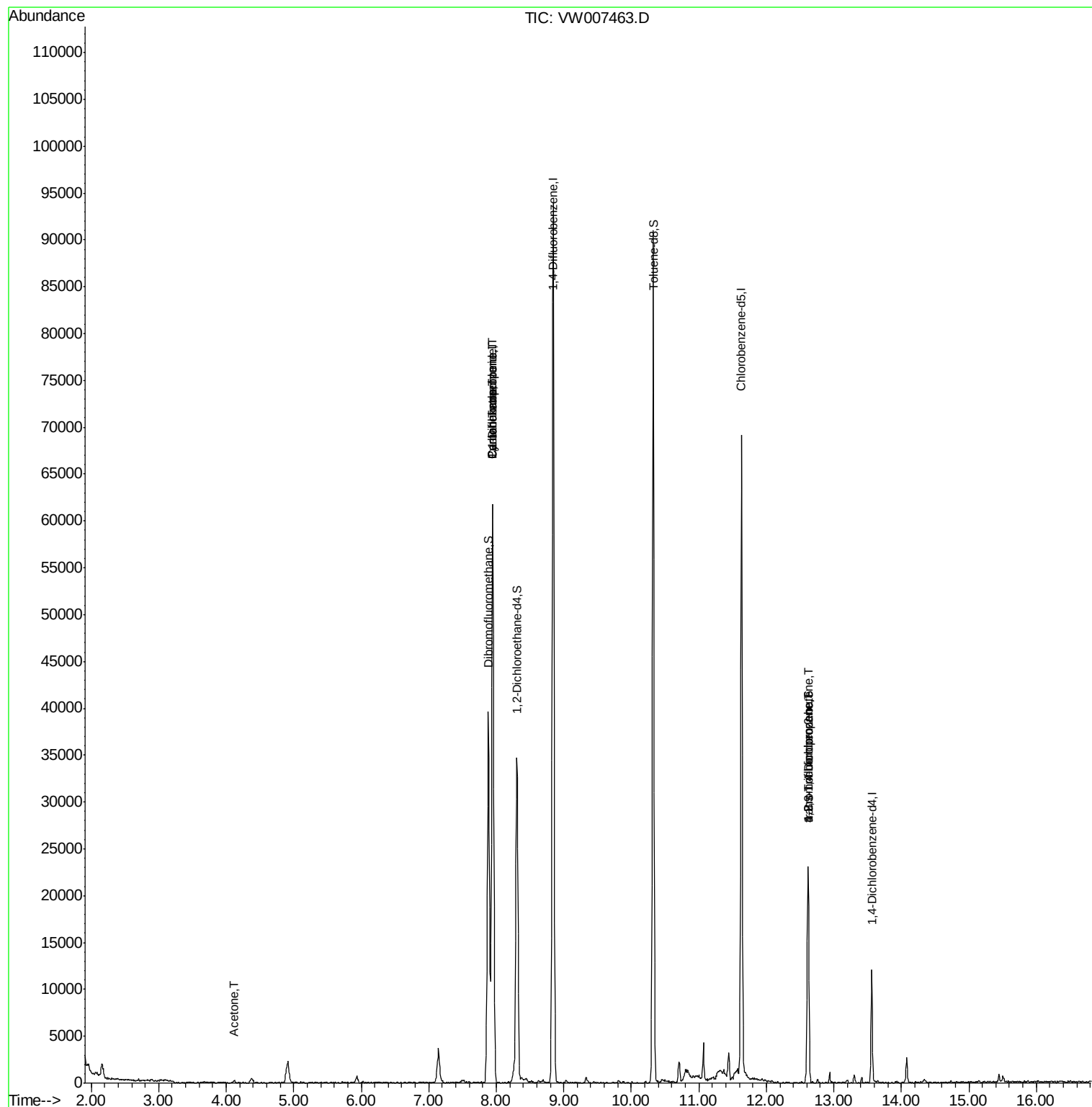
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.11	43	465	5.322	ug/l #	44
31) Cyclohexane	7.95	56	1124	1.446	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	3528	4.765	ug/l #	45
38) Carbon Tetrachloride	7.95	117	4879	6.057	ug/l #	21
76) 1,2,3-Trichloropropane	12.62	75	3363	117.576	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	3363	259.725	ug/l #	7

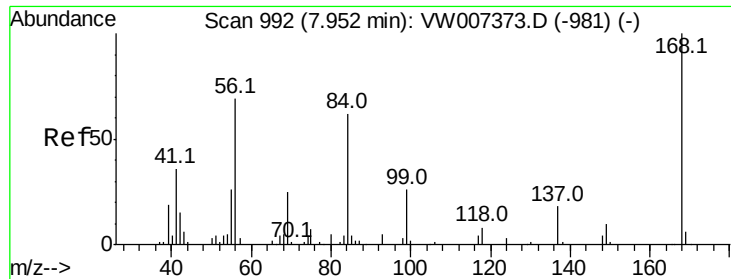
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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# 992

Delta R.T. -0.00 min

Lab File: VW007463.D

Acq: 13 Dec 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

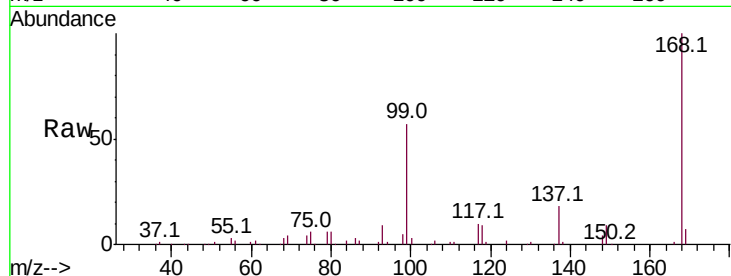
SB-04A

Tot Ion:168 Resp: 45092

Ion Ratio Lower Upper

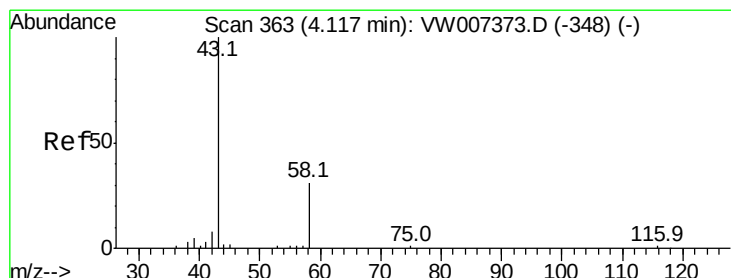
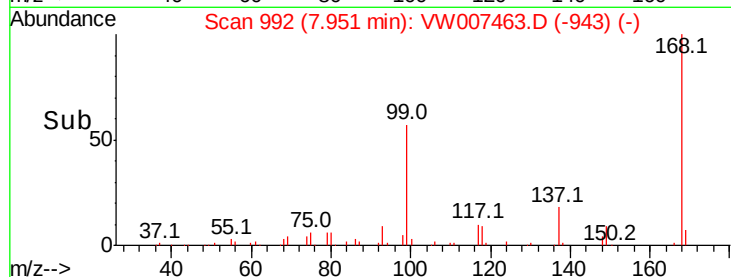
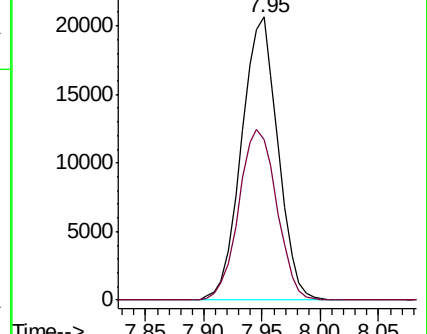
168 100

99 56.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 5.322 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW007463.D

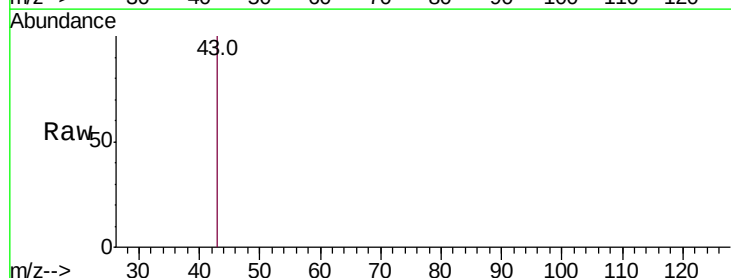
Acq: 13 Dec 2018 02:40

Tgt Ion: 43 Resp: 465

Ion Ratio Lower Upper

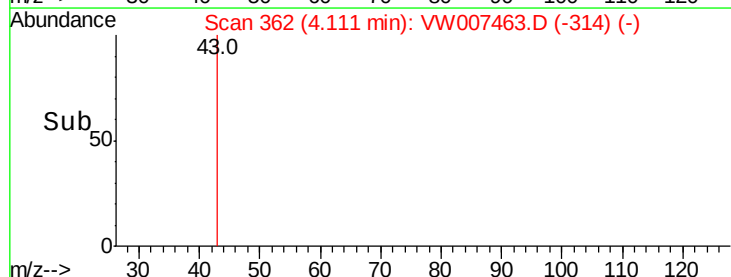
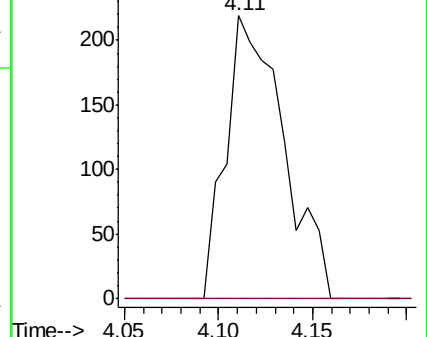
43 100

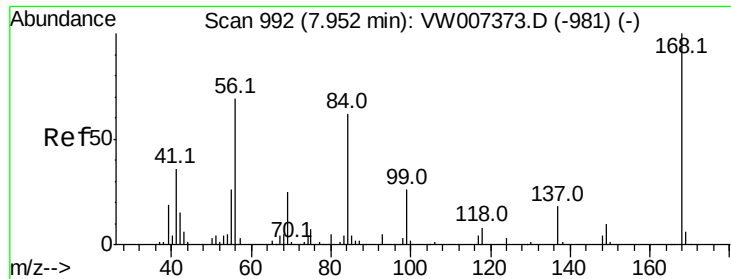
58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

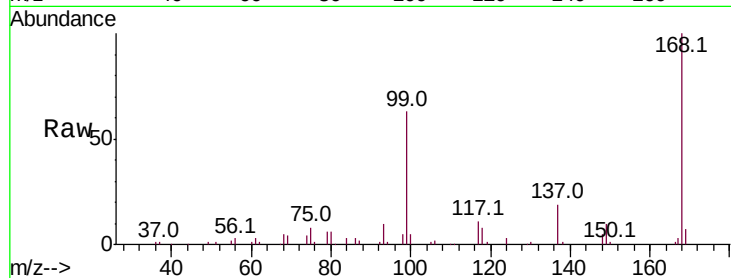




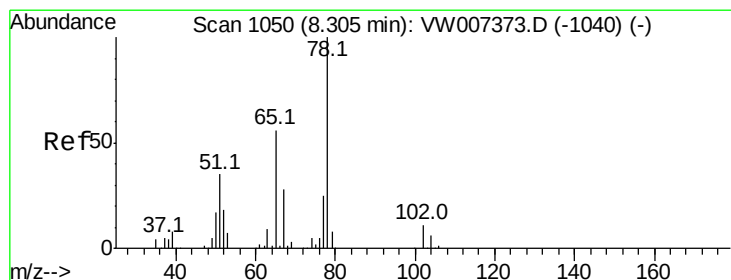
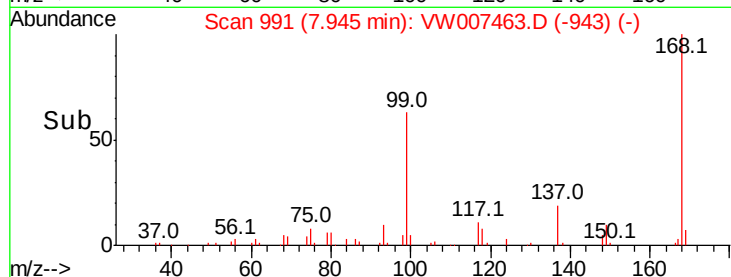
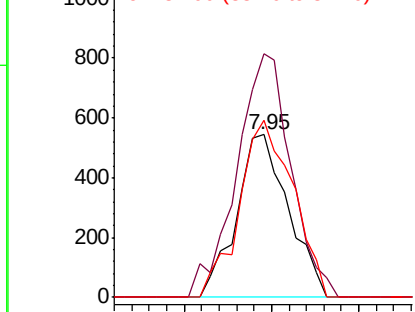
#31
Cyclohexane
Concen: 1.446 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007463.D
Acq: 13 Dec 2018 02:40

Instrument :
MSVOA_W
ClientSampled :
SB-04A

Tot Ion: 56 Resp: 1124
Ion Ratio Lower Upper
56 100
69 149.6 28.9 43.3#
84 108.6 71.8 107.6#

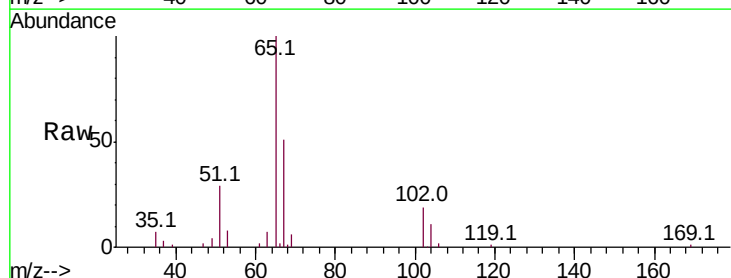


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

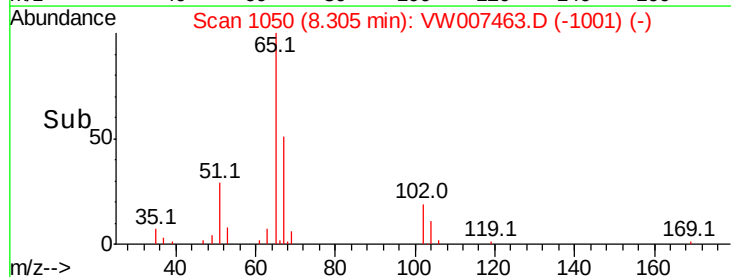
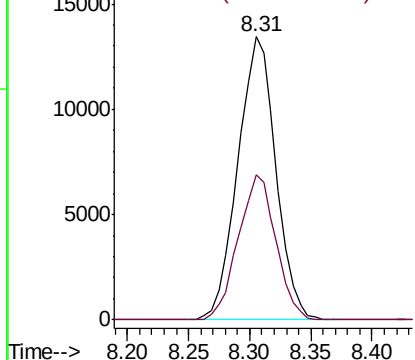


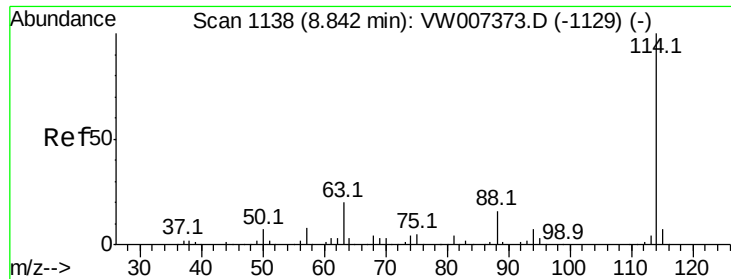
#33
1,2-Dichloroethane-d4
Concen: 57.852 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007463.D
Acq: 13 Dec 2018 02:40

Tgt Ion: 65 Resp: 28941
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.6



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

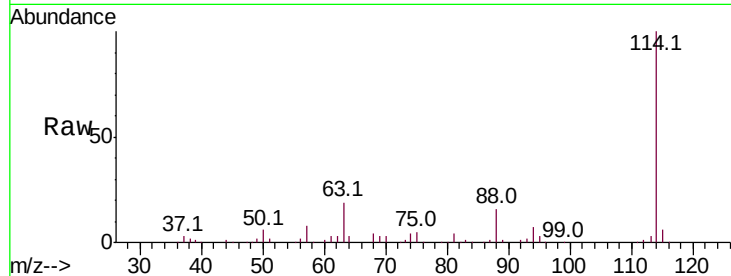




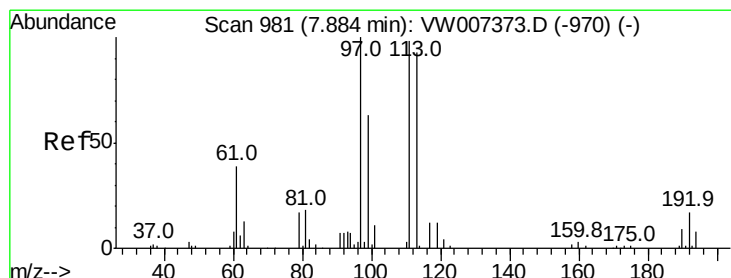
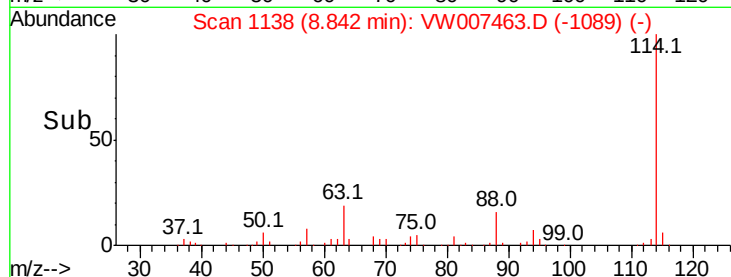
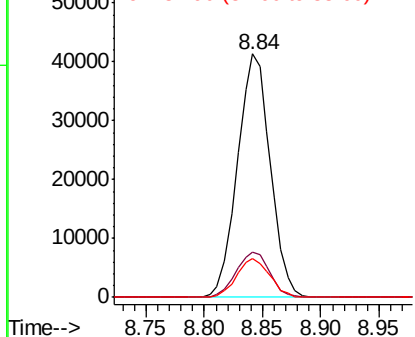
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007463.D
 Acq: 13 Dec 2018 02:40

Instrument :
 MSVOA_W
 ClientSampled :
 SB-04A

Tot Ion:114 Resp: 81158
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.6
 88 16.0 0.0 31.4

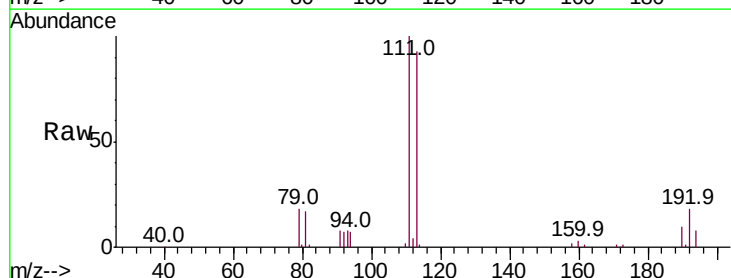


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

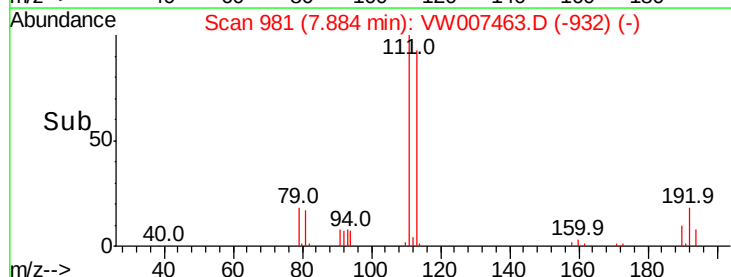
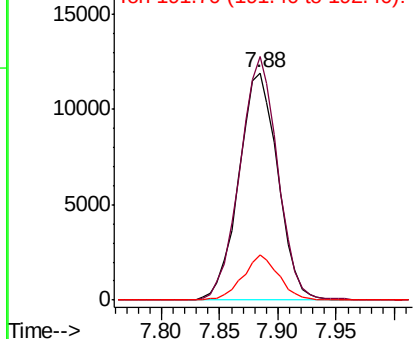


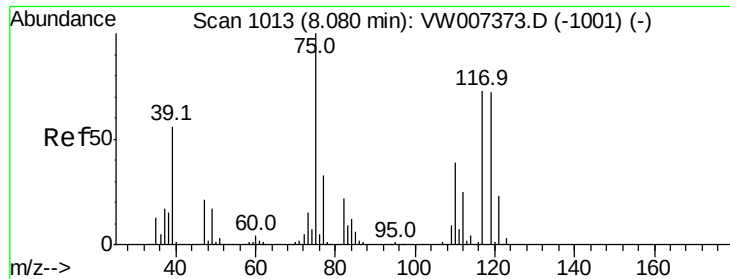
#35
 Dibromofluoromethane
 Concen: 56.607 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007463.D
 Acq: 13 Dec 2018 02:40

Tgt Ion:113 Resp: 27810
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.1 121.7
 192 18.2 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

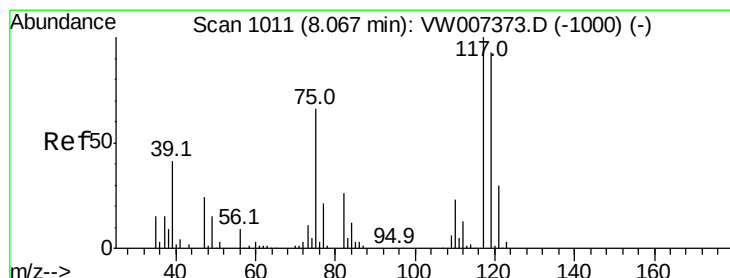
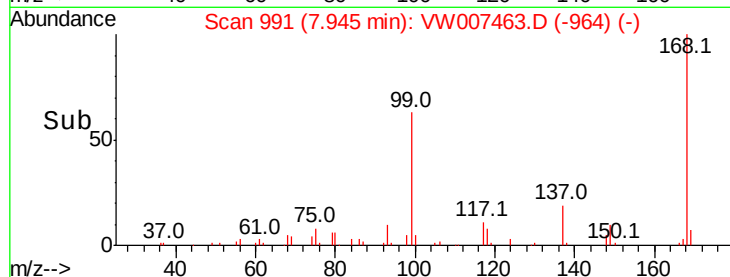
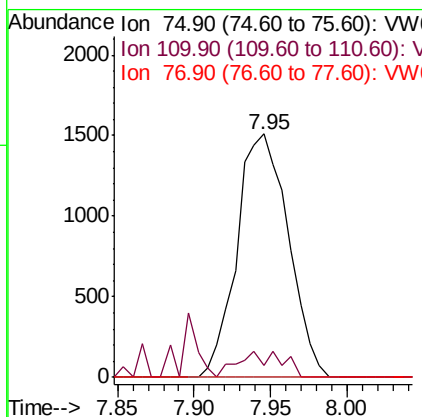
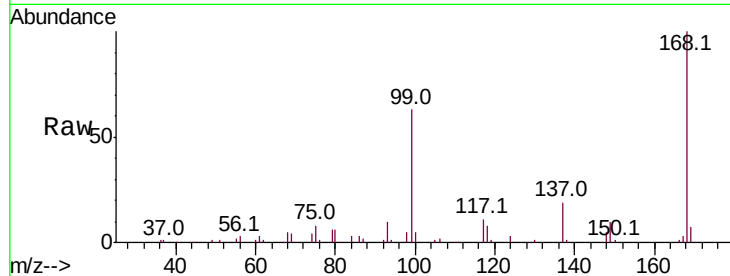




#36
 1,1-Dichloropropene
 Concen: 4.765 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007463.D
 Acq: 13 Dec 2018 02:40

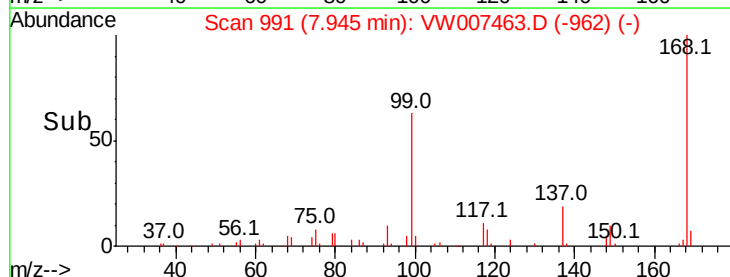
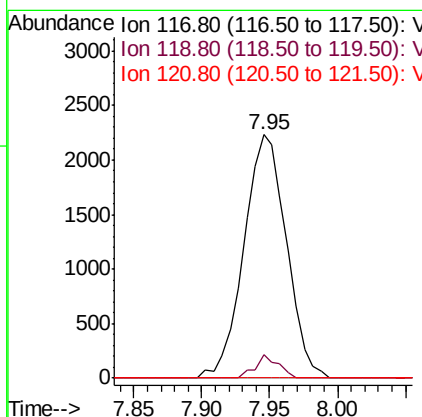
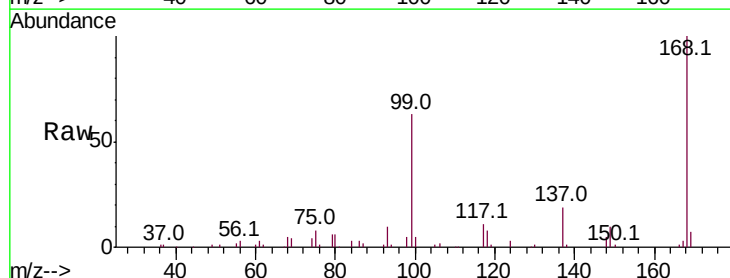
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04A

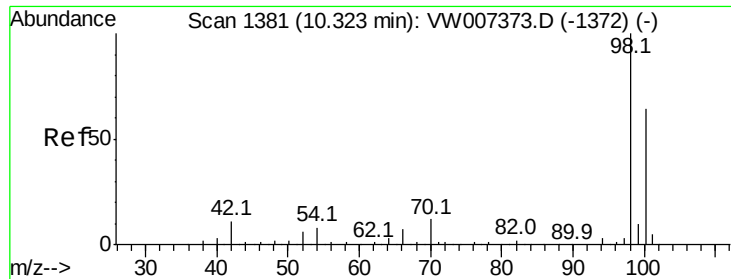
Tot Ion	Ratio	Lower	Upper
75	100		
110	5.4	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.057 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007463.D
 Acq: 13 Dec 2018 02:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	9.9	74.3	111.5#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 32.419 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007463.D

Acq: 13 Dec 2018 02:40

Instrument :

MSVOA_W

ClientSampled :

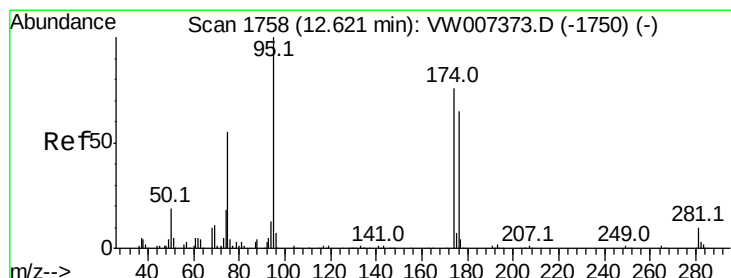
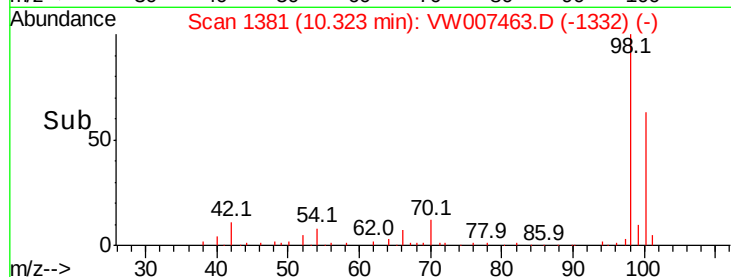
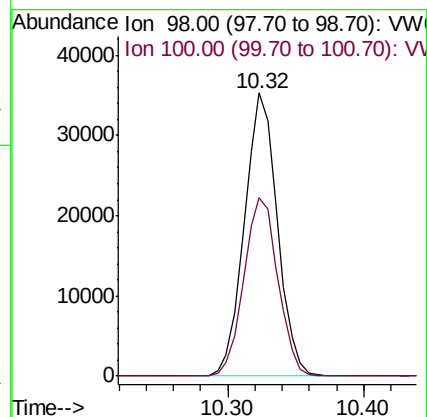
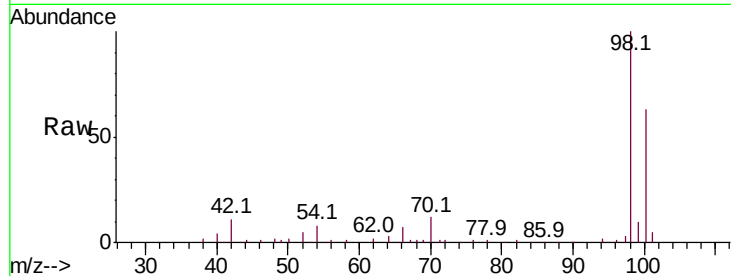
SB-04A

Tot Ion: 98 Resp: 59717

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 10.011 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007463.D

Acq: 13 Dec 2018 02:40

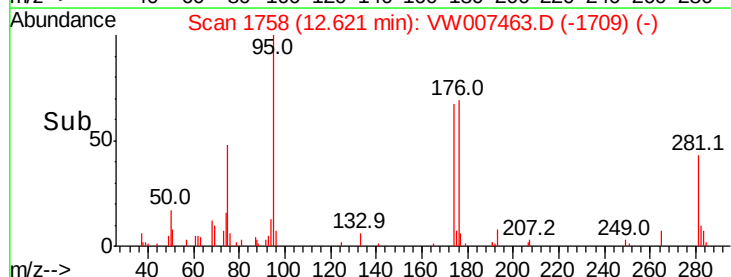
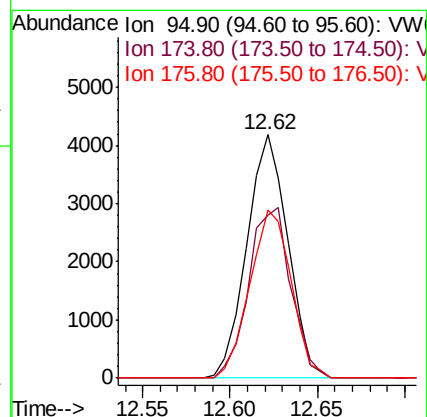
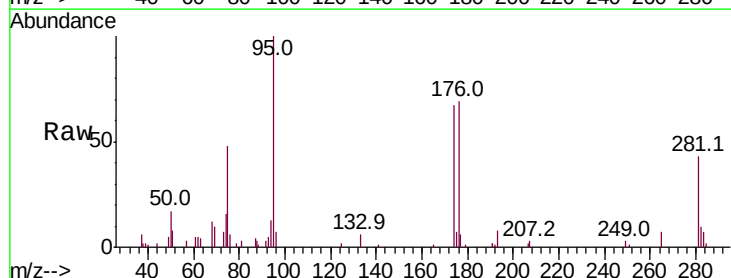
Tgt Ion: 95 Resp: 6780

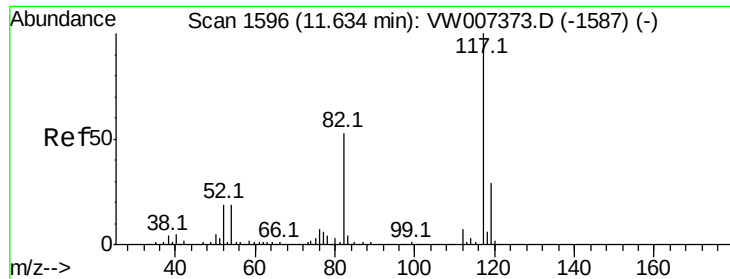
Ion Ratio Lower Upper

95 100

174 72.9 0.0 147.2

176 69.9 0.0 138.8

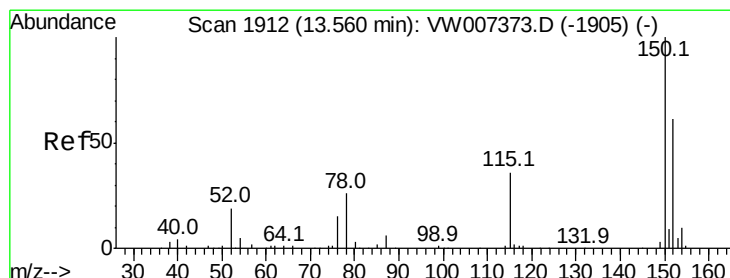
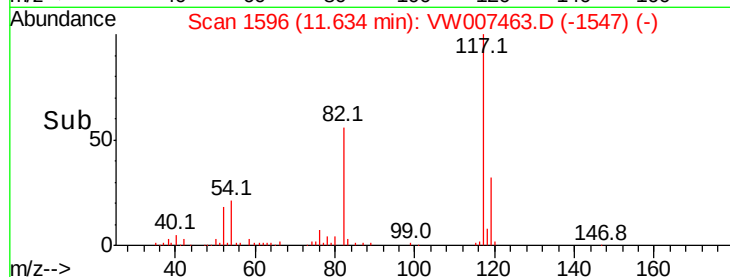
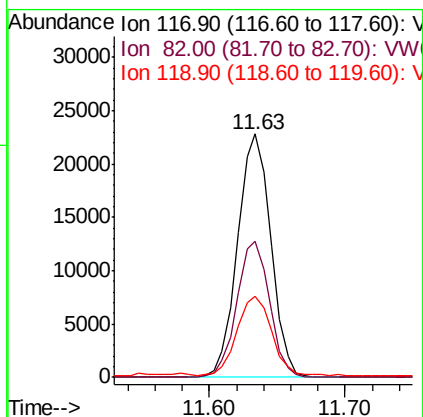
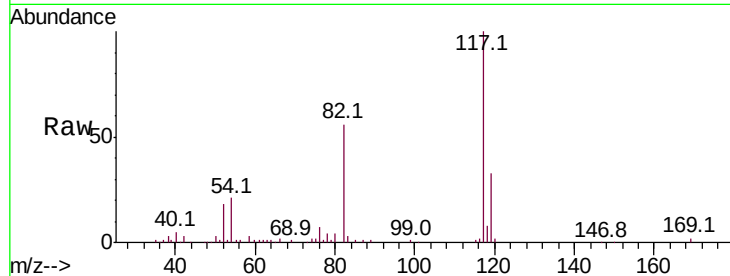




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007463.D
Acq: 13 Dec 2018 02:40

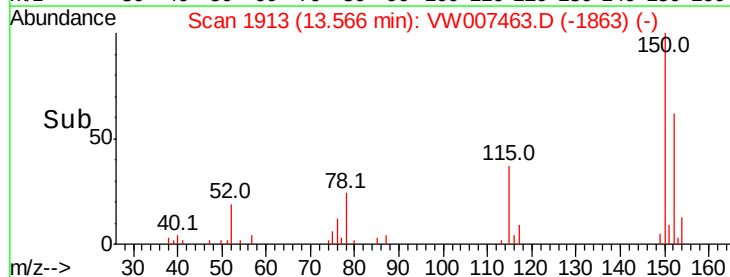
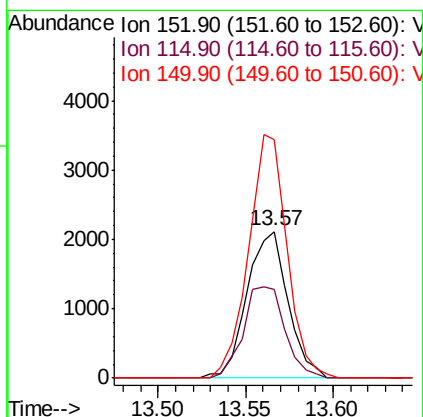
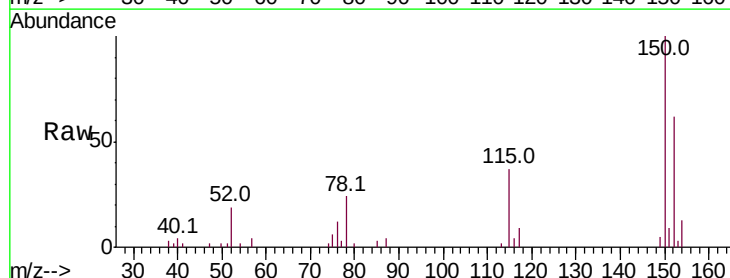
Instrument :
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ClientSampleId :
SB-04A

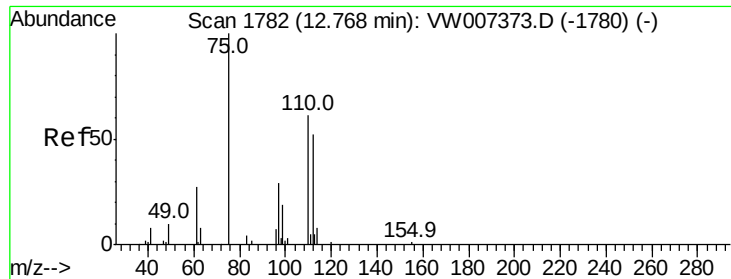
Tot Ion:117 Resp: 38954
Ion Ratio Lower Upper
117 100
82 55.7 42.3 63.5
119 32.0 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007463.D
Acq: 13 Dec 2018 02:40

Tgt Ion:152 Resp: 3469
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.2
150 155.3 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 117.576 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007463.D

Acq: 13 Dec 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

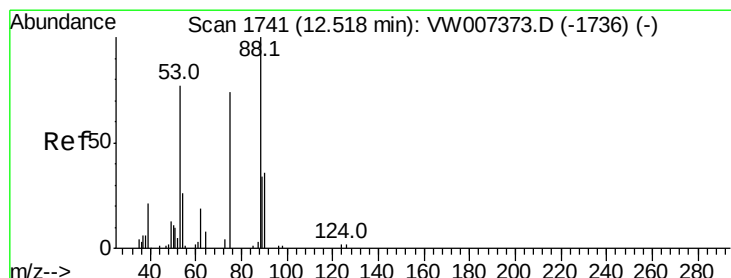
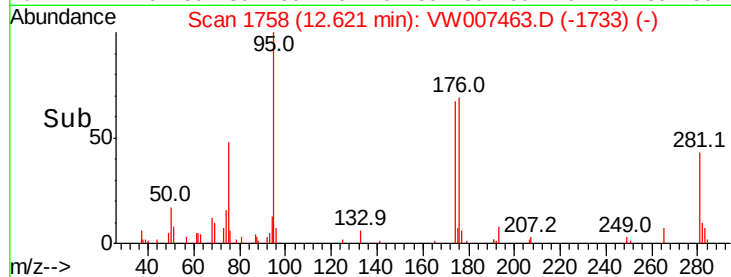
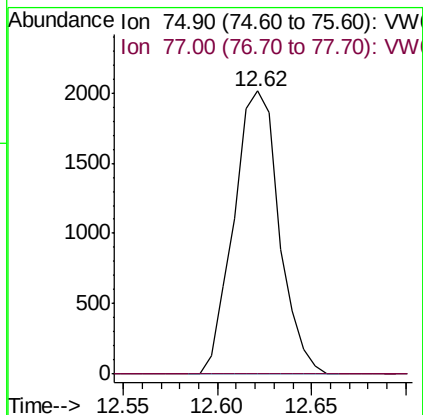
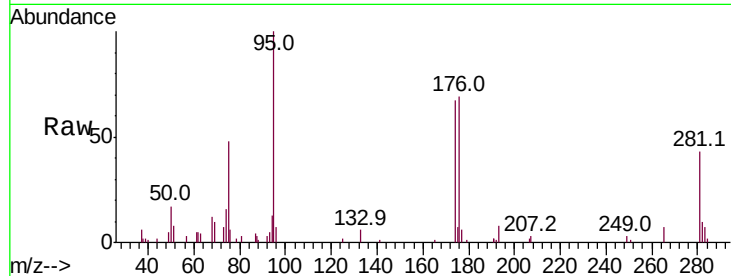
SB-04A

Tot Ion: 75 Resp: 3363

Ion Ratio Lower Upper

75 100

77 0.0 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 259.725 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007463.D

Acq: 13 Dec 2018 02:40

Tgt Ion: 75 Resp: 3363

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

