

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010881.D
 Acq On : 20 Jun 2019 07:35
 Operator : SY/VA
 Sample : K3447-09
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JUNCTION

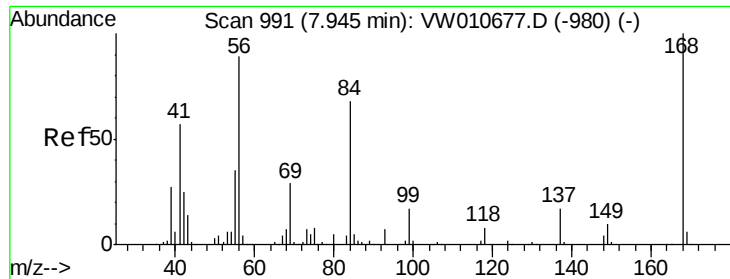
Quant Time: Jun 20 08:04:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	178610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	302528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	238168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78772	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	126452	60.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	120.14%	
35) Dibromofluoromethane	7.88	113	90103	54.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.74%	
50) Toluene-d8	10.32	98	369072	51.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.62	95	110131	42.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	36920	65.450	ug/l	96
25) 2-Butanone	7.17	43	14002	17.901	ug/l	95
31) Cyclohexane	7.95	56	4925	1.159	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16723	5.400	ug/l #	51
37) Ethyl Acetate	7.17	43	14002	8.160	ug/l #	72
38) Carbon Tetrachloride	7.95	117	18957	7.091	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	58967	71.284	ug/l #	100
77) Bromobenzene	12.87	156	8003	6.194	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	58967	163.834	ug/l #	6

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010881.D

Acq: 20 Jun 2019 07:35

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MSVOA_W

ClientSampleId :

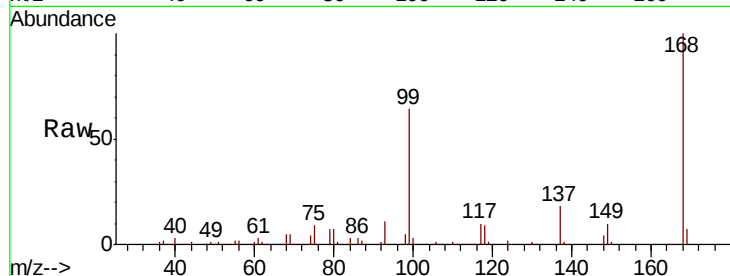
JUNCTION

Tot Ion:168 Resp: 178610

Ion Ratio Lower Upper

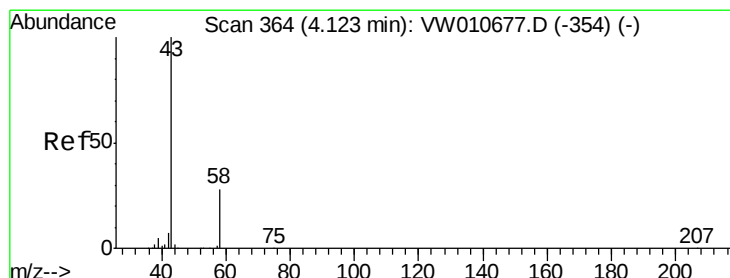
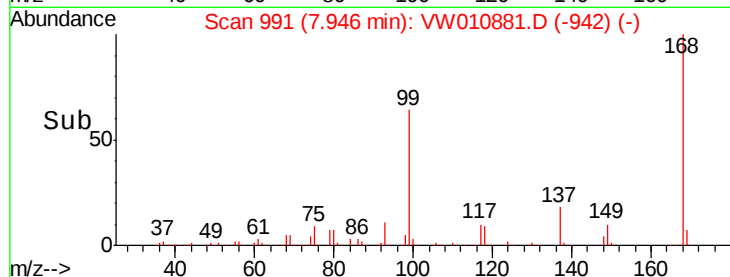
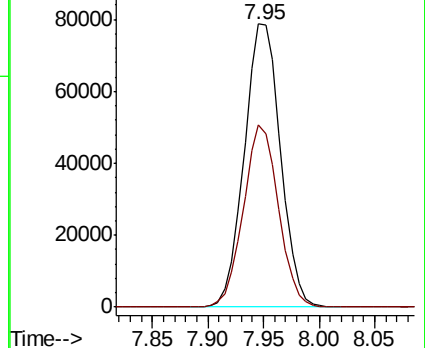
168 100

99 64.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 65.450 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010881.D

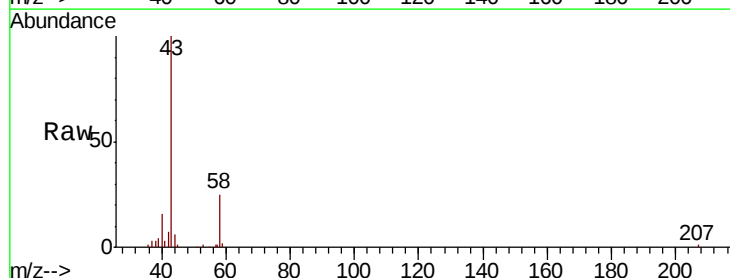
Acq: 20 Jun 2019 07:35

Tgt Ion: 43 Resp: 36920

Ion Ratio Lower Upper

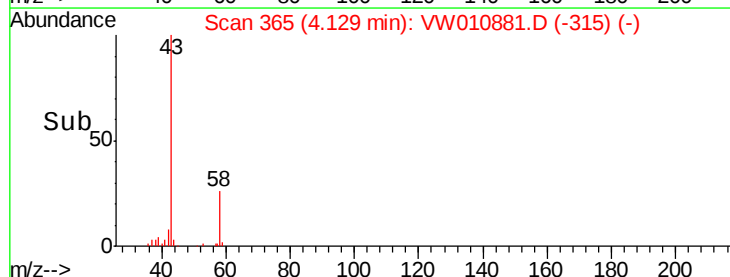
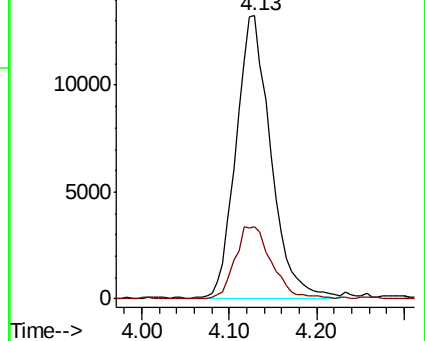
43 100

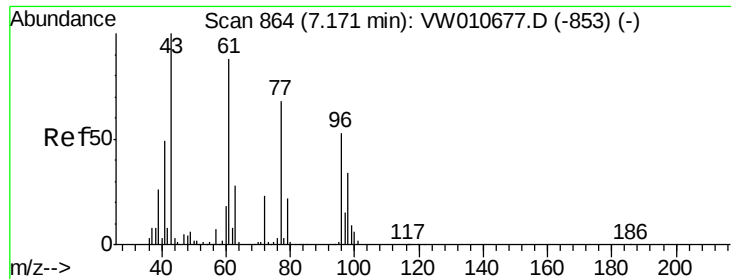
58 25.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

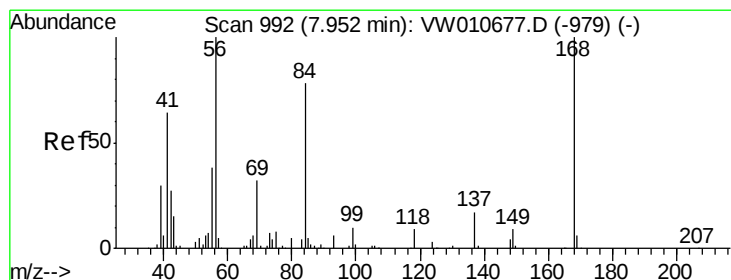
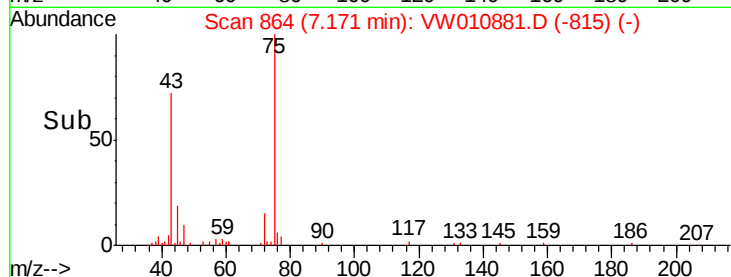
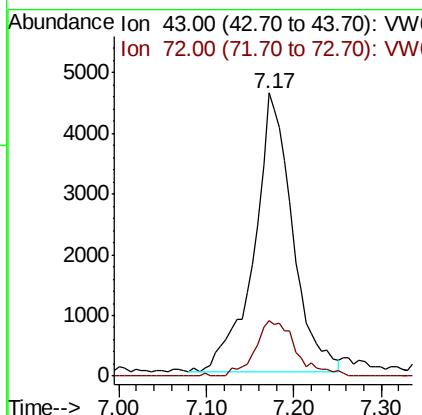
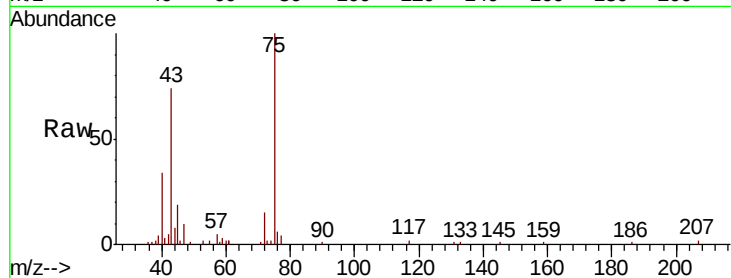




#25
2-Butanone
Concen: 17.901 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW010881.D
Acq: 20 Jun 2019 07:35

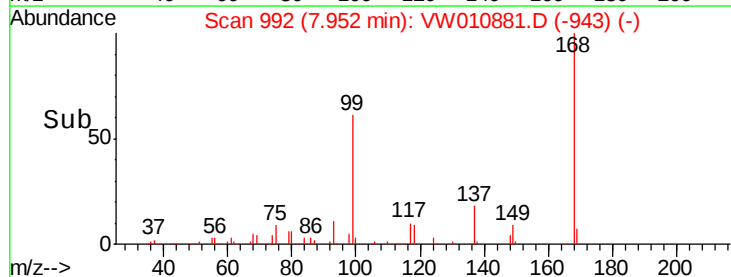
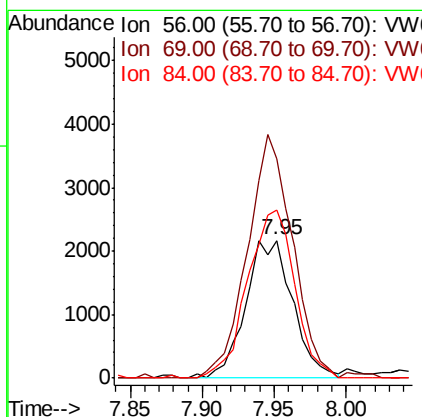
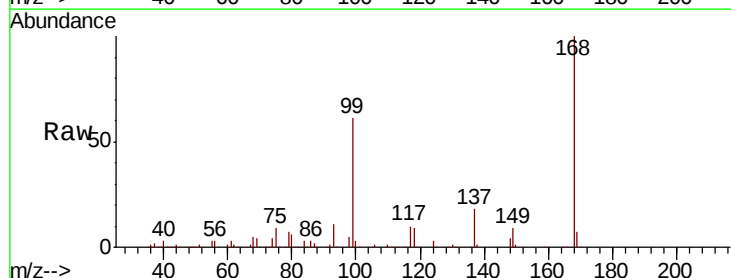
Instrument :
MSVOA_W
ClientSampled :
JUNCTION

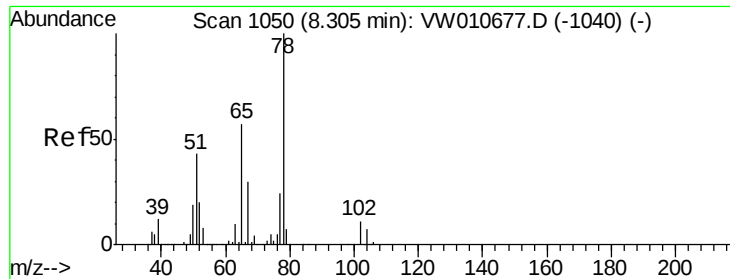
Tot Ion: 43 Resp: 14002
Ion Ratio Lower Upper
43 100
72 20.1 18.1 27.1



#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW010881.D
Acq: 20 Jun 2019 07:35

Tgt Ion: 56 Resp: 4925
Ion Ratio Lower Upper
56 100
69 159.2 25.2 37.8#
84 125.1 62.2 93.2#

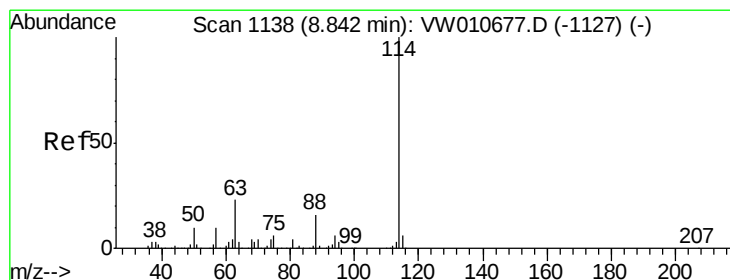
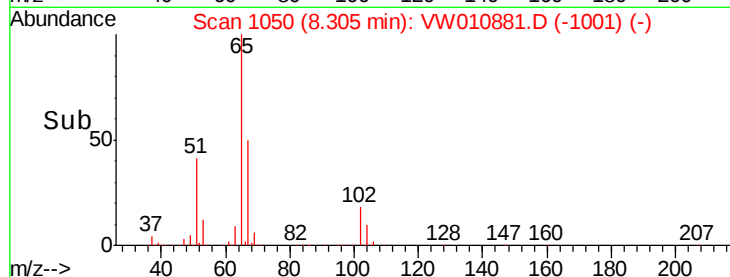
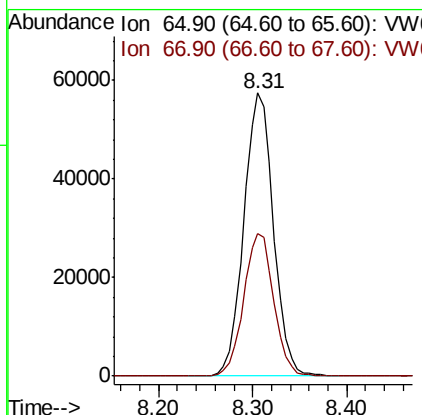
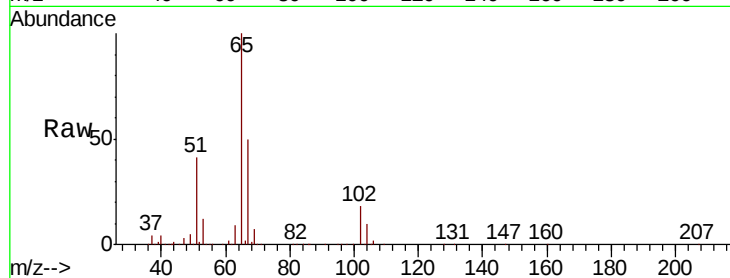




#33
 1,2-Dichloroethane-d4
 Concen: 60.066 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010881.D
 Acq: 20 Jun 2019 07:35

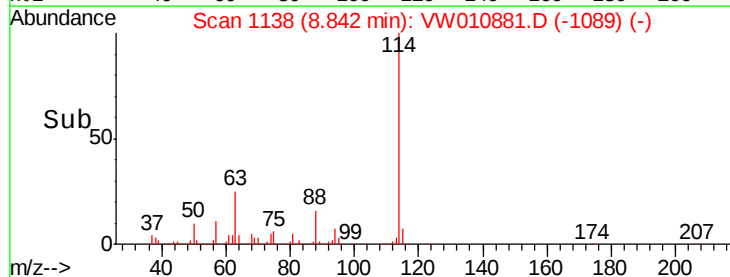
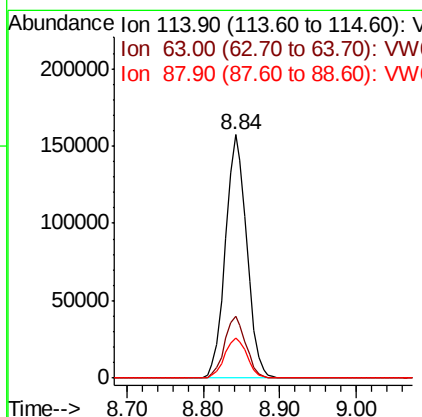
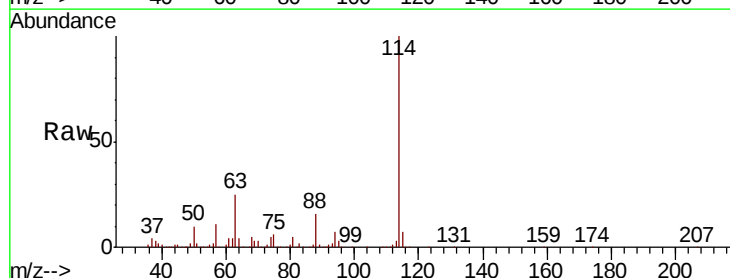
Instrument :
 MSVOA_W
 ClientSampleId :
 JUNCTION

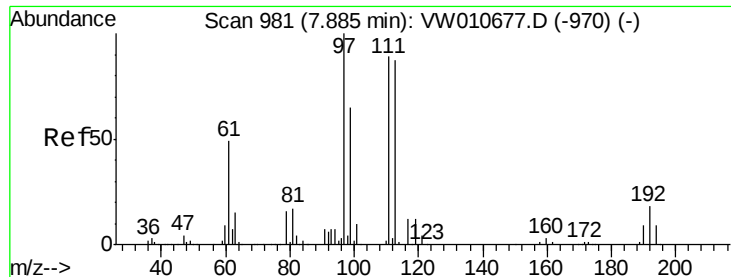
Tot Ion: 65 Resp: 126452
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010881.D
 Acq: 20 Jun 2019 07:35

Tgt Ion: 114 Resp: 302528
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 46.4
 88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 54.872 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010881.D

Acq: 20 Jun 2019 07:35

Instrument :

MSVOA_W

ClientSampled :

JUNCTION

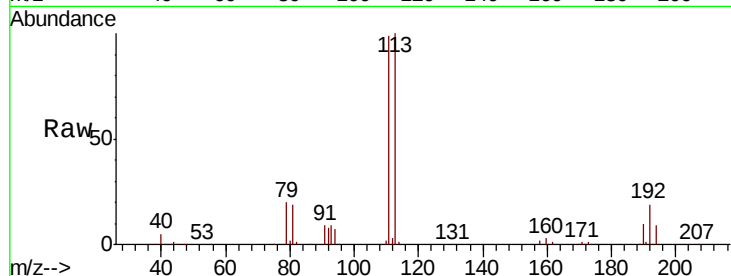
Tot Ion:113 Resp: 90103

Ion Ratio Lower Upper

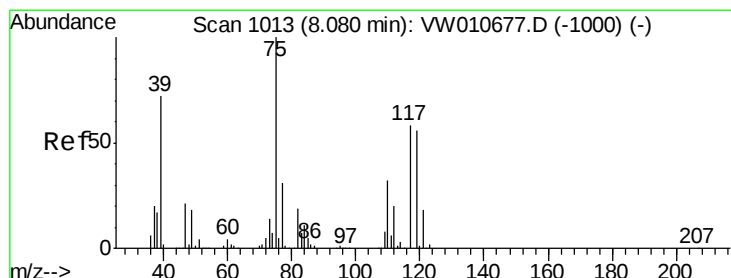
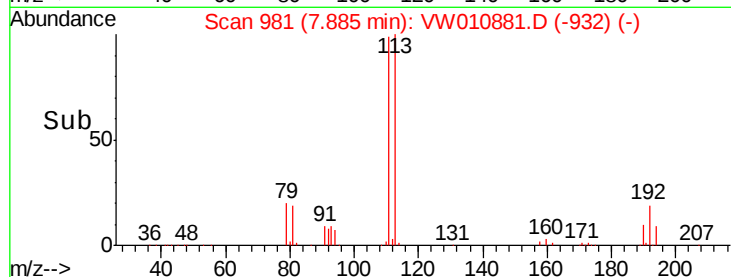
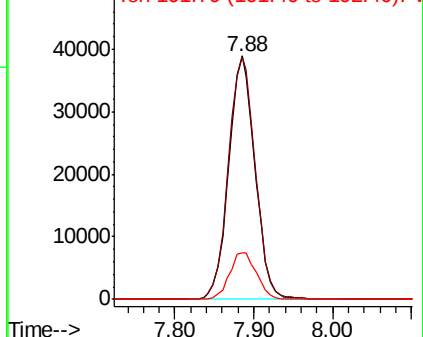
113 100

111 101.7 82.6 123.8

192 19.8 16.4 24.6



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: 5.400 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010881.D

Acq: 20 Jun 2019 07:35

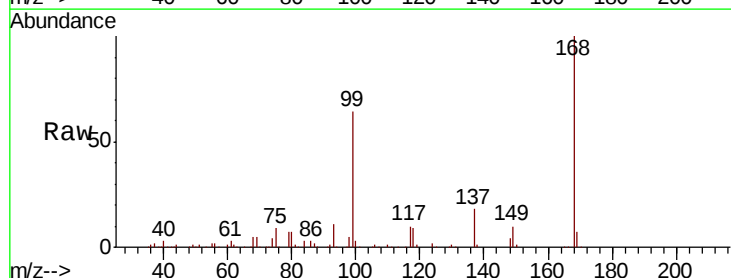
Tgt Ion: 75 Resp: 16723

Ion Ratio Lower Upper

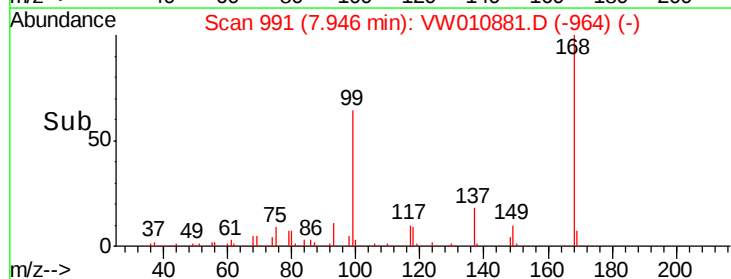
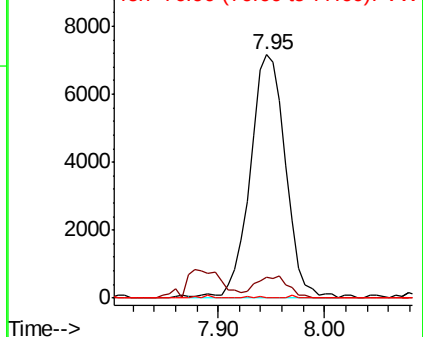
75 100

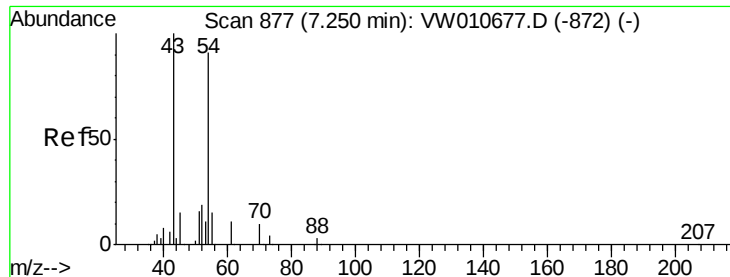
110 8.4 15.8 47.3#

77 0.0 24.7 37.1#



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





#37

Ethyl Acetate

Concen: 8.160 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.08 min

Lab File: VW010881.D

Acq: 20 Jun 2019 07:35

Instrument :

MSVOA_W

ClientSampleId :

JUNCTION

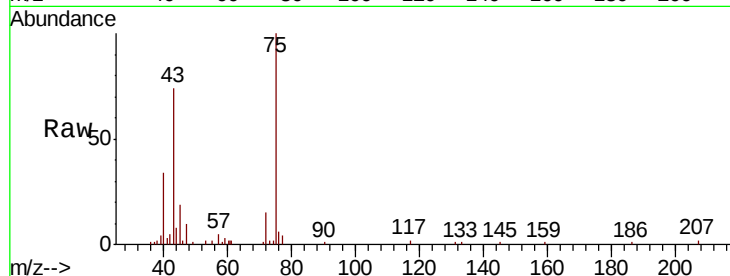
Tot Ion: 43 Resp: 14002

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

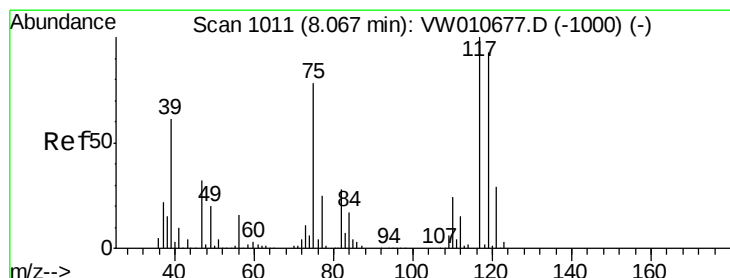
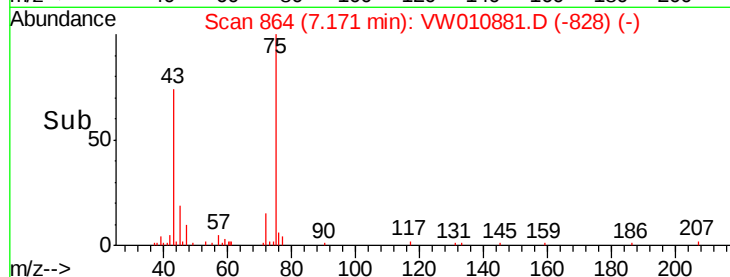
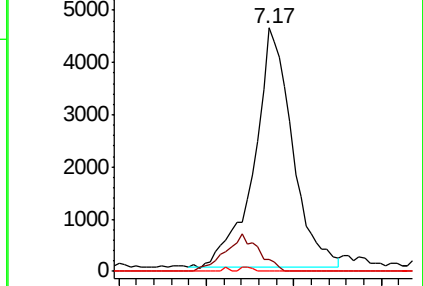
70 0.0 7.2 10.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 7.091 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW010881.D

Acq: 20 Jun 2019 07:35

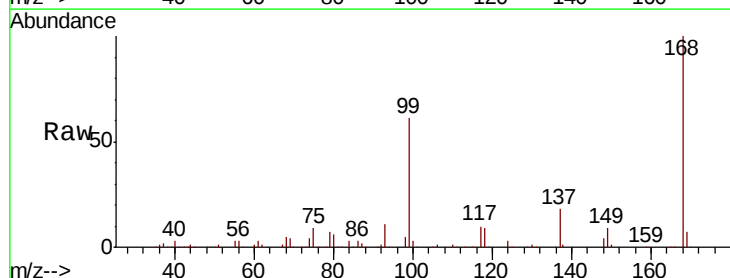
Tgt Ion: 117 Resp: 18957

Ion Ratio Lower Upper

117 100

119 4.6 74.2 111.4#

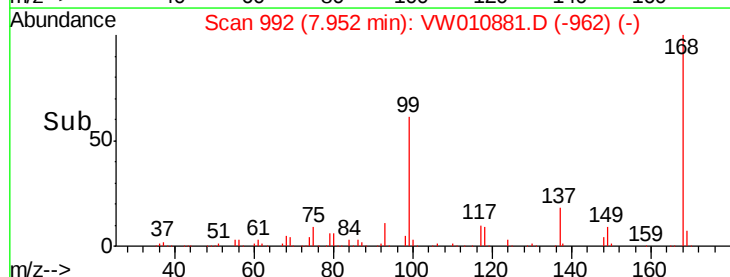
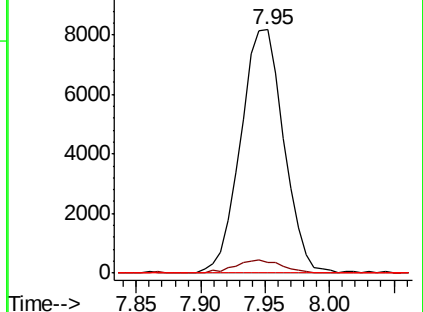
121 0.0 22.9 34.3#

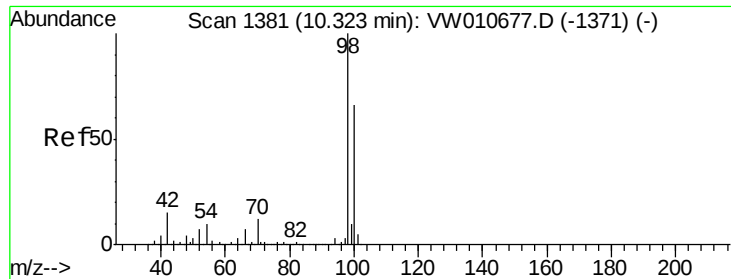


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 51.256 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010881.D

Acq: 20 Jun 2019 07:35

Instrument :

MSVOA_W

ClientSampleId :

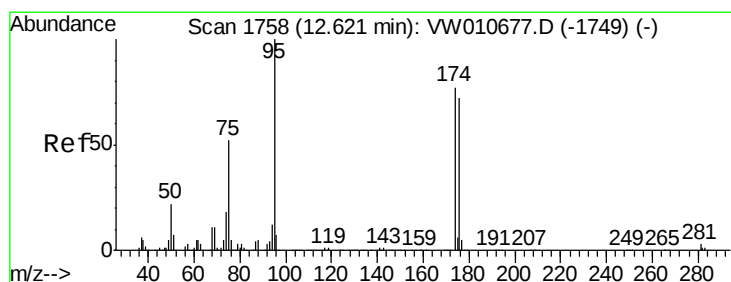
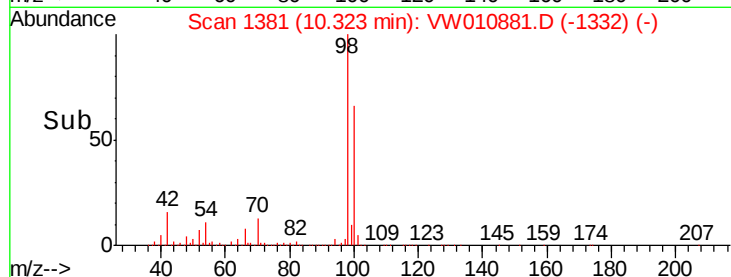
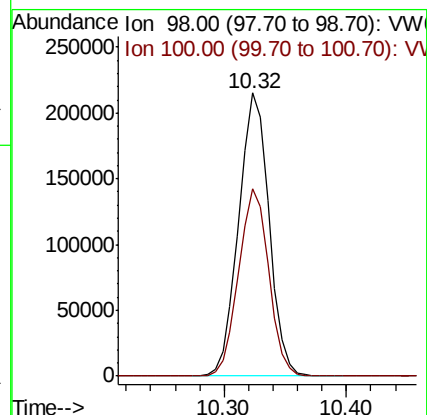
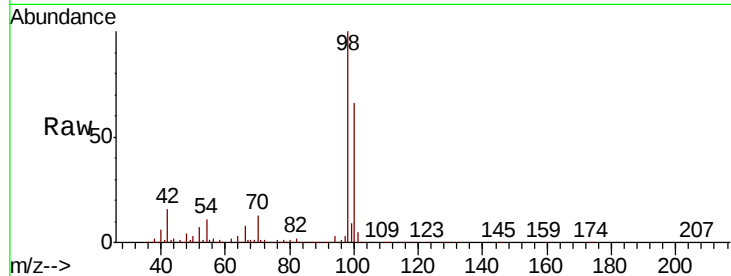
JUNCTION

Tot Ion: 98 Resp: 369072

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 42.031 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010881.D

Acq: 20 Jun 2019 07:35

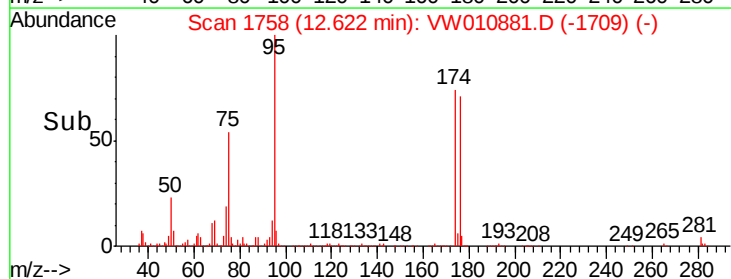
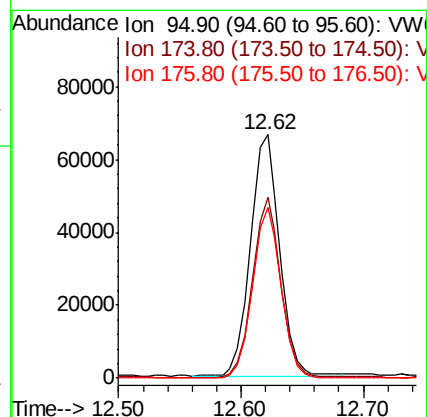
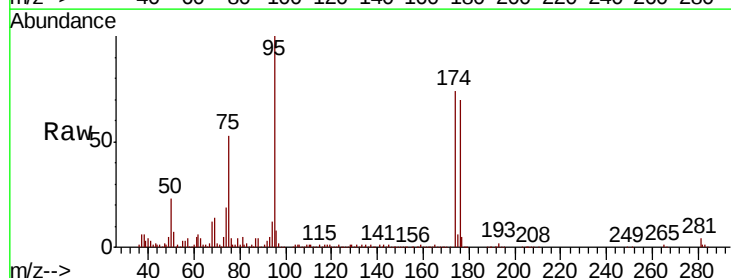
Tgt Ion: 95 Resp: 110131

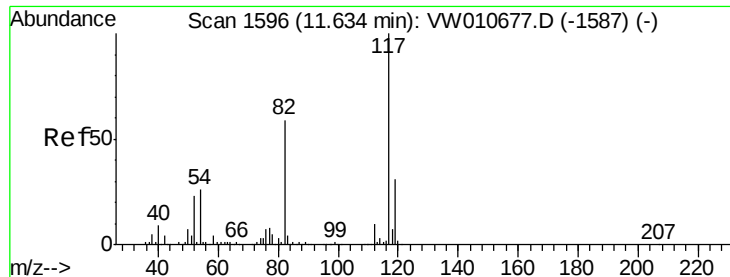
Ion Ratio Lower Upper

95 100

174 71.8 0.0 150.4

176 68.9 0.0 144.8

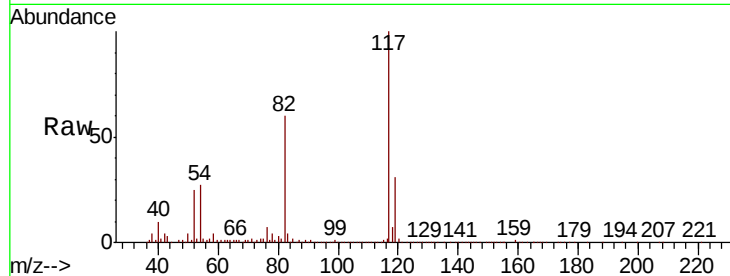




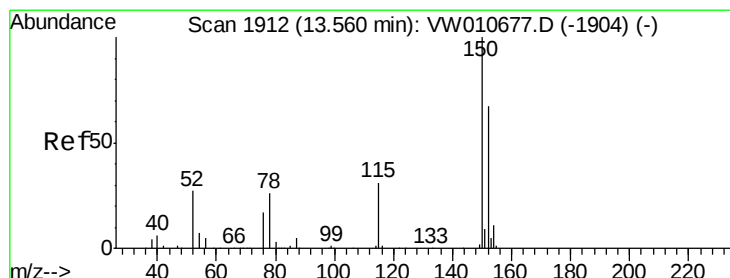
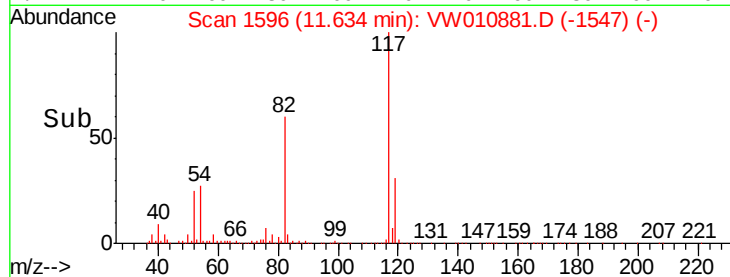
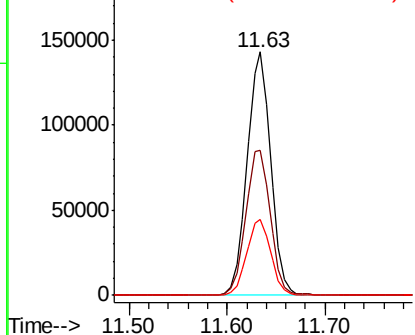
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010881.D
Acq: 20 Jun 2019 07:35

Instrument :
MSVOA_W
ClientSampleId :
JUNCTION

Tot Ion:117 Resp: 238168
Ion Ratio Lower Upper
117 100
82 59.4 47.0 70.4
119 31.1 25.1 37.7

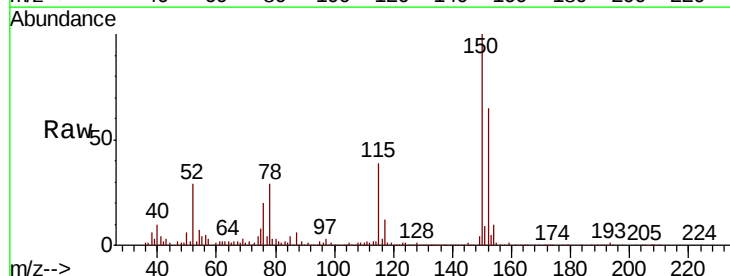


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

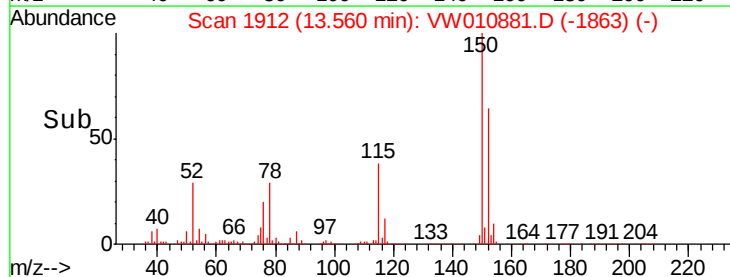
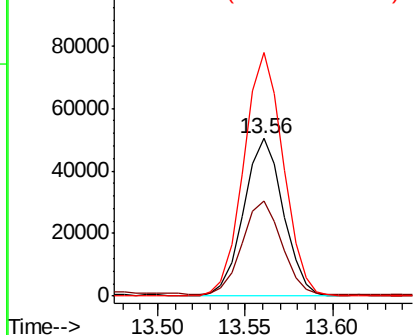


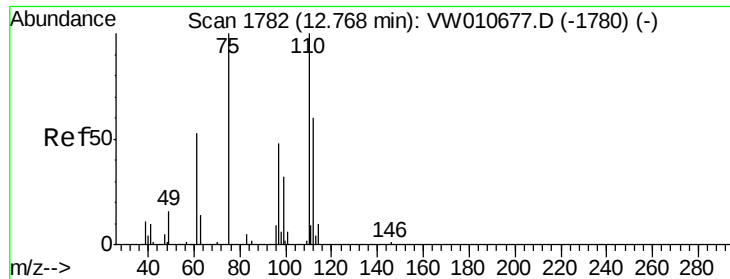
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010881.D
Acq: 20 Jun 2019 07:35

Tgt Ion:152 Resp: 78772
Ion Ratio Lower Upper
152 100
115 59.4 29.8 89.3
150 155.4 0.0 345.0



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: 71.284 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010881.D

Acq: 20 Jun 2019 07:35

Instrument :

MSVOA_W

ClientSampleId :

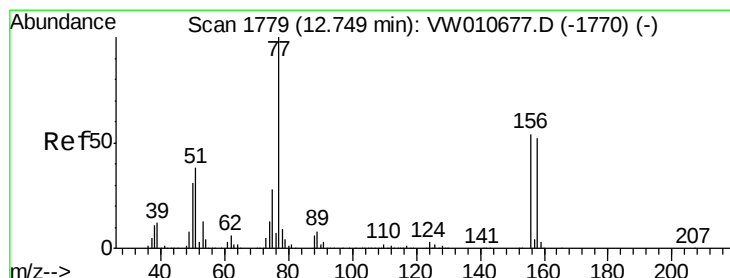
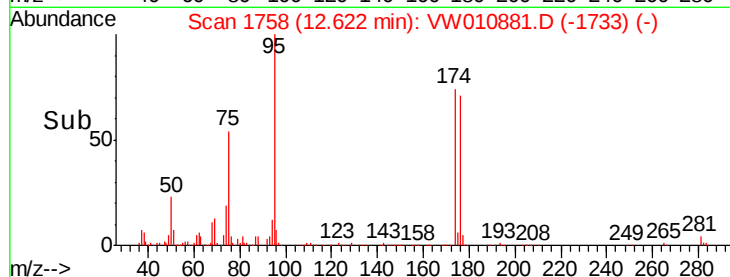
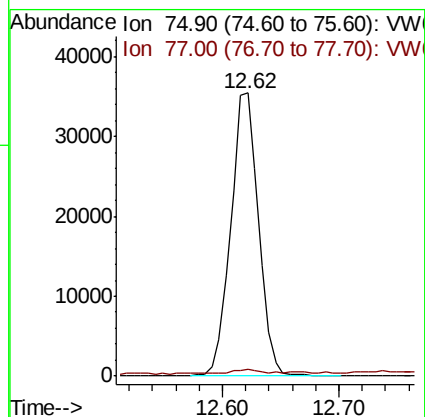
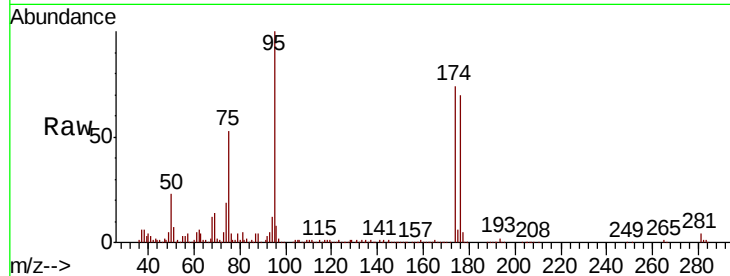
JUNCTION

Tot Ion: 75 Resp: 58967

Ion Ratio Lower Upper

75 100

77 2.3 0.0 0.0#



#77

Bromobenzene

Concen: 6.194 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. 0.12 min

Lab File: VW010881.D

Acq: 20 Jun 2019 07:35

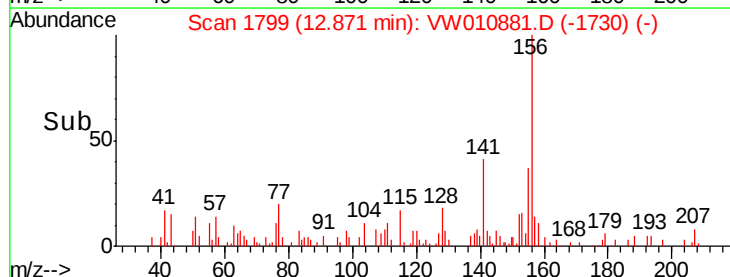
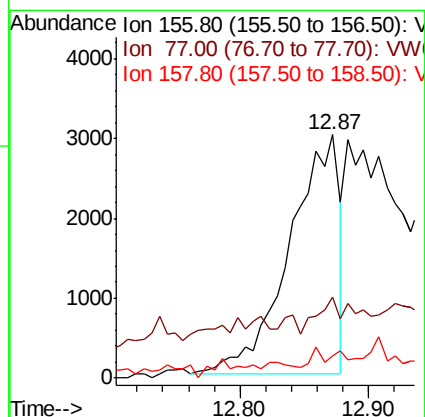
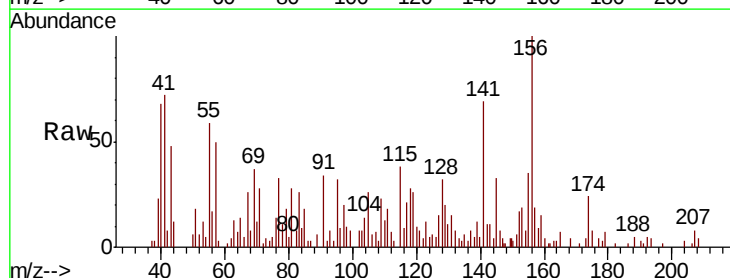
Tgt Ion: 156 Resp: 8003

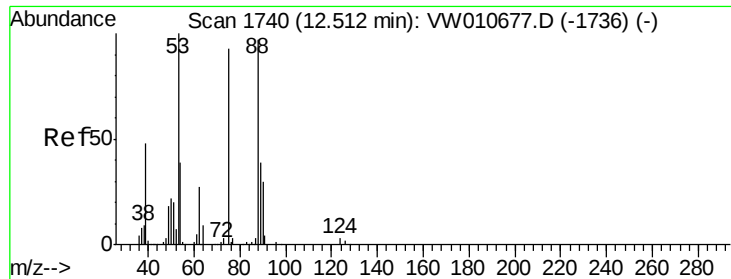
Ion Ratio Lower Upper

156 100

77 12.0 106.5 319.4#

158 1.8 48.3 144.9#





#81

trans-1,4-Dichloro-2-butene

Concen: 163.834 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010881.D

Acq: 20 Jun 2019 07:35

Instrument :

MSVOA_W

ClientSampleId :

JUNCTION

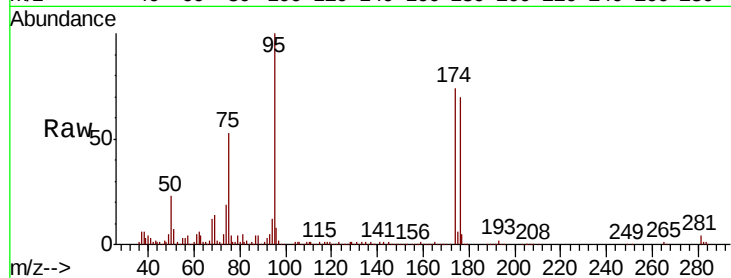
Tot Ion: 75 Resp: 58967

Ion Ratio Lower Upper

75 100

53 0.2 90.1 135.1#

89 0.2 34.6 52.0#



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

