

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012343.D
 Acq On : 30 Aug 2019 10:06
 Operator : SY/VA
 Sample : VW0830SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 30 15:50:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

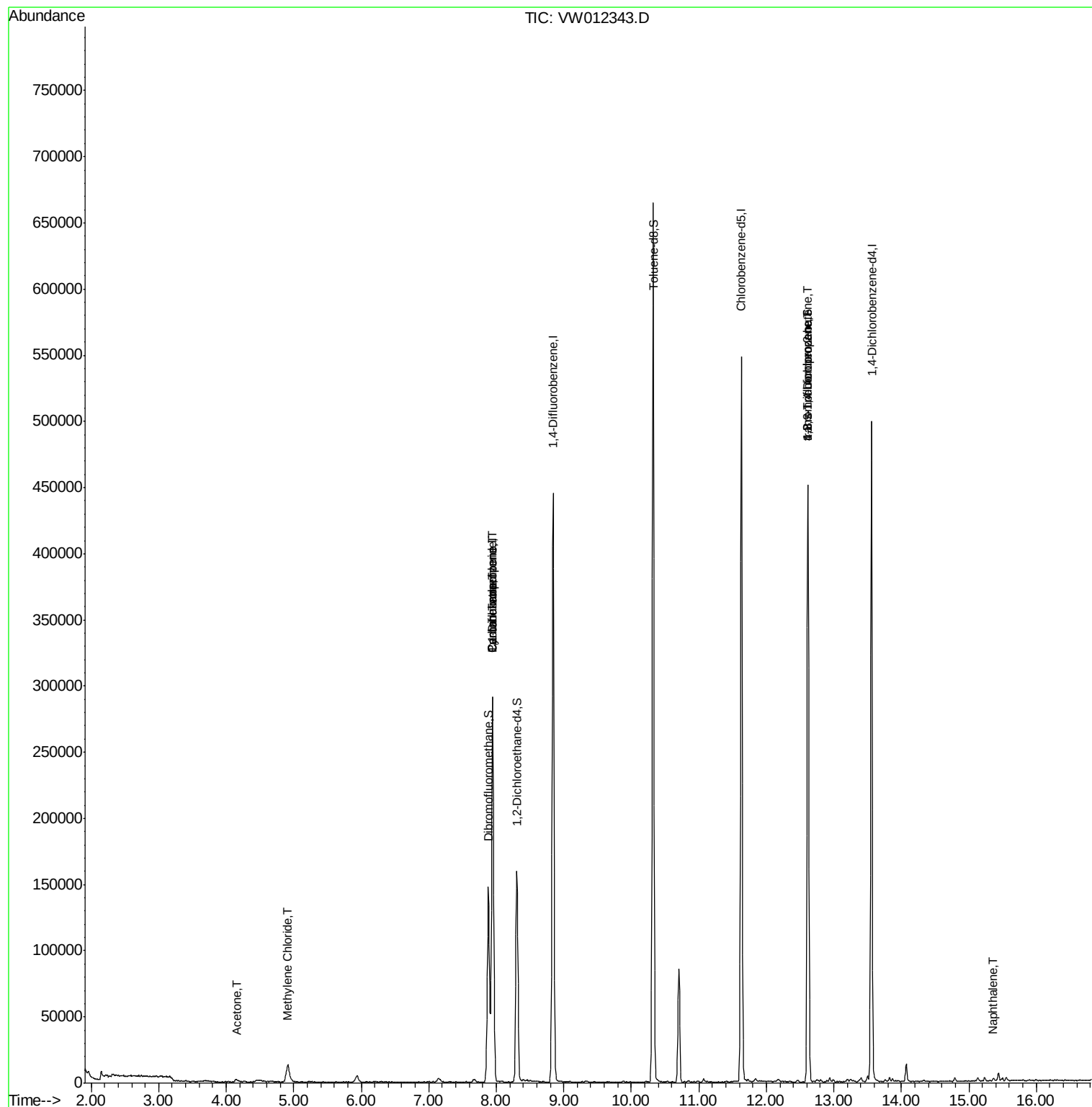
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127259	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
35) Dibromofluoromethane	7.88	113	103694	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	10.32	98	422355	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.62	95	139931	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	4213	6.567	ug/l	90
20) Methylene Chloride	4.91	84	9464	3.902	ug/l	94
31) Cyclohexane	7.95	56	5450	1.206	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	17811	4.981	ug/l #	52
38) Carbon Tetrachloride	7.95	117	20238	6.539	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	73825	61.668	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73825	135.209	ug/l #	6
95) Naphthalene	15.36	128	1436	4.604	ug/l #	83

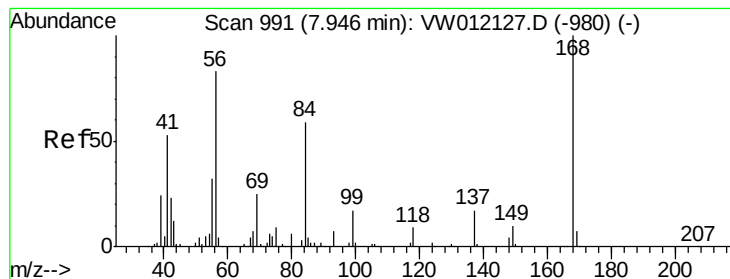
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083019\
Data File : VW012343.D
Acq On : 30 Aug 2019 10:06
Operator : SY/VA
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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 30 15:50:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012343.D

Acq: 30 Aug 2019 10:06

Instrument :

MSVOA_W

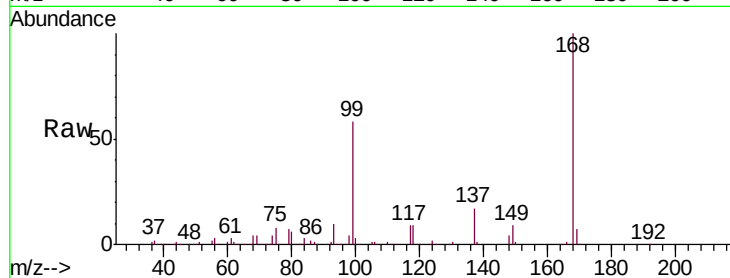
ClientSampleId :

Tot Ion:168 Resp: 211123

Ion Ratio Lower Upper

168 100

99 57.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

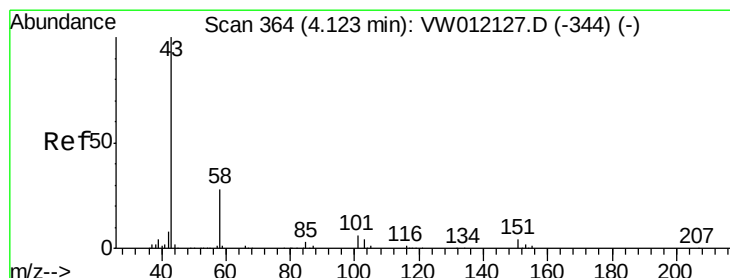
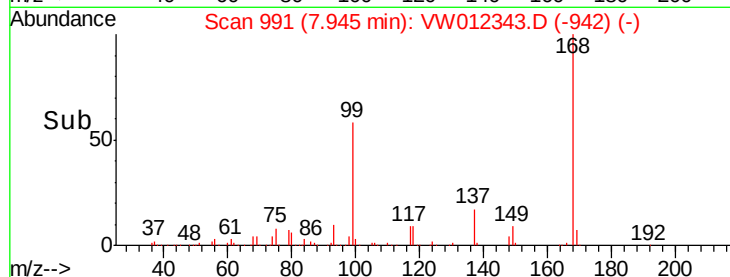
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 6.567 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.03 min

Lab File: VW012343.D

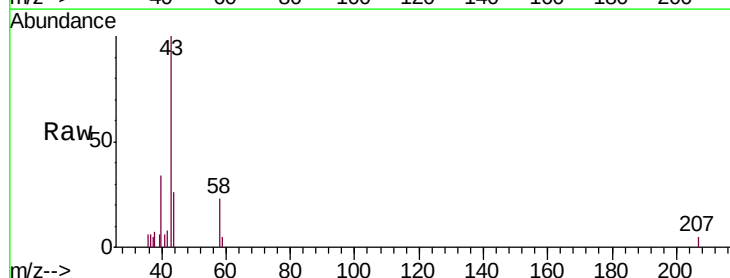
Acq: 30 Aug 2019 10:06

Tgt Ion: 43 Resp: 4213

Ion Ratio Lower Upper

43 100

58 22.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

1200

1000

800

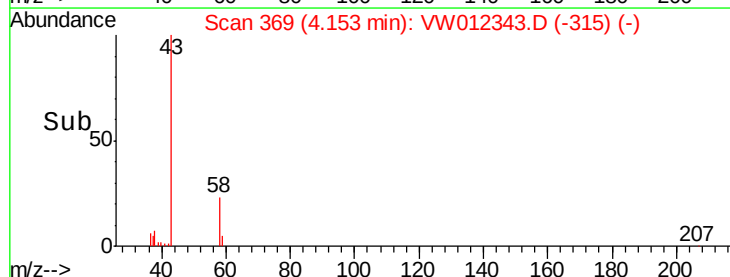
600

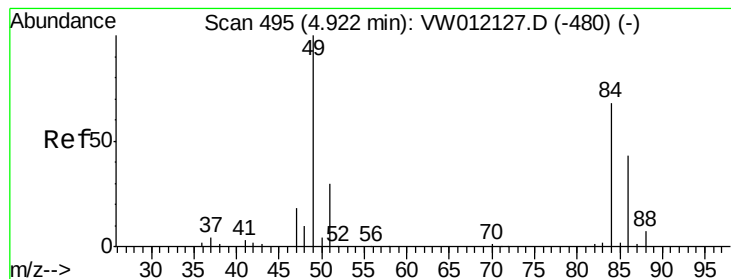
400

200

0

Time--> 4.05 4.10 4.15 4.20 4.25





#20

Methvlene Chloride

Concen: 3.902 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012343.D

Acq: 30 Aug 2019 10:06

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 84 Resp: 9464

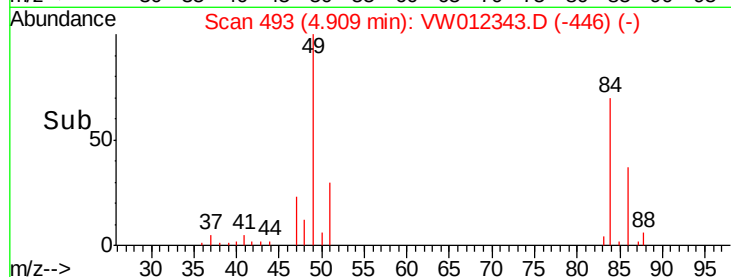
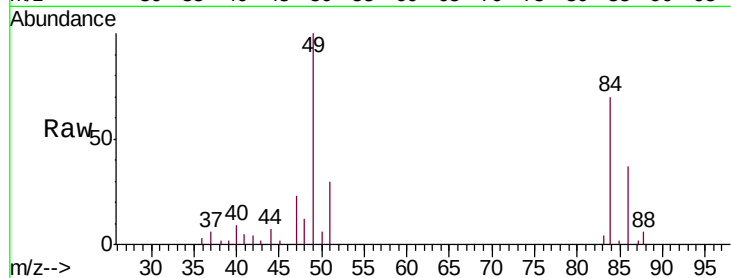
Ion Ratio Lower Upper

84 100

49 142.7 117.8 176.8

51 43.1 35.6 53.4

86 53.0 51.2 76.8

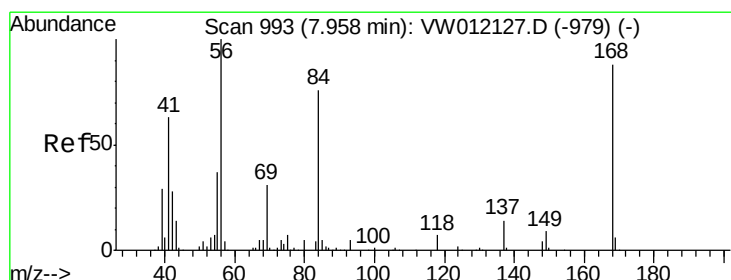
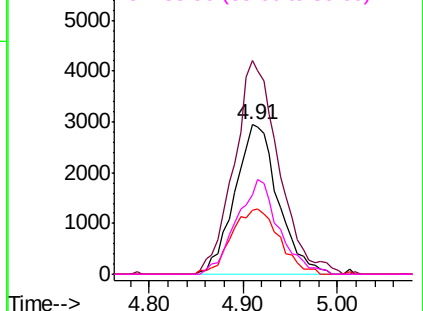


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#31

Cyclohexane

Concen: 1.206 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012343.D

Acq: 30 Aug 2019 10:06

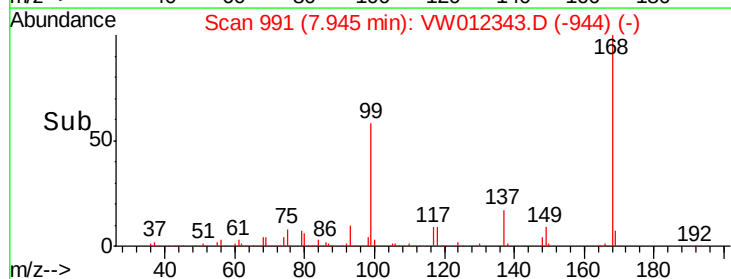
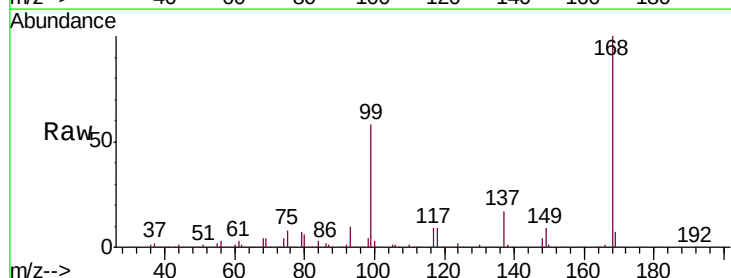
Tgt Ion: 56 Resp: 5450

Ion Ratio Lower Upper

56 100

69 158.6 24.9 37.3#

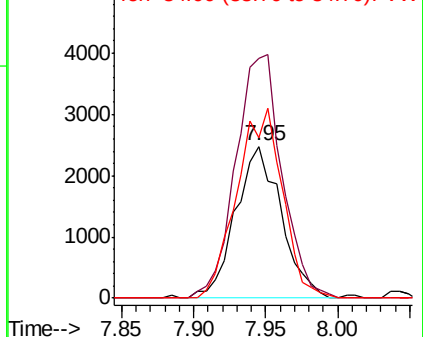
84 106.1 60.6 90.8#

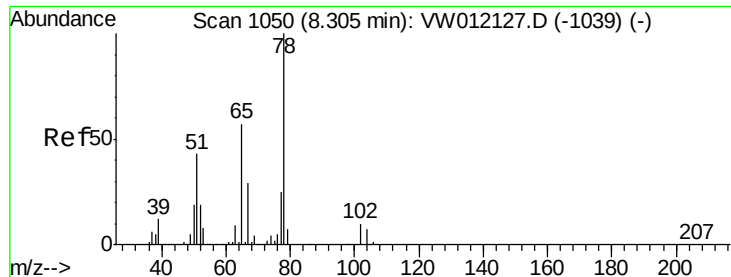


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

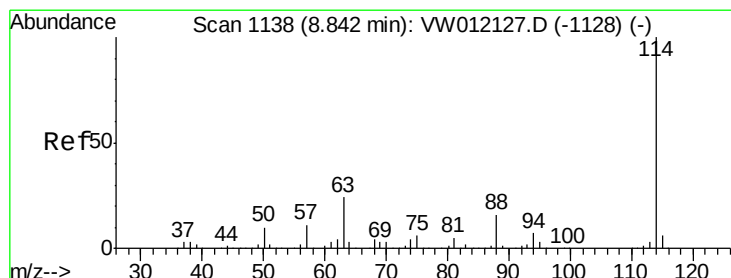
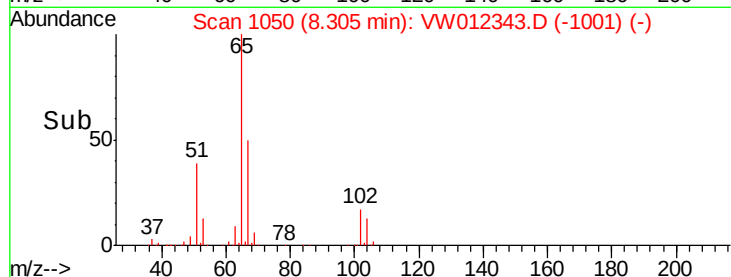
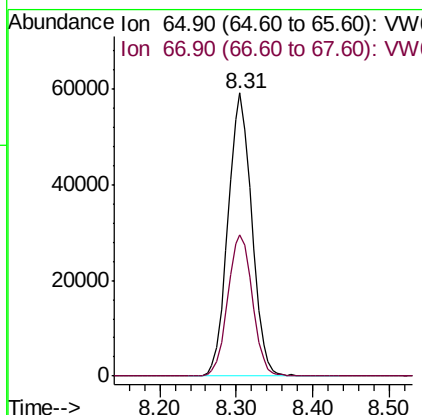
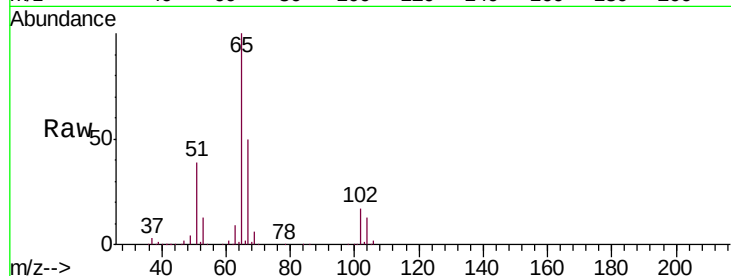




#33
 1,2-Dichloroethane-d4
 Concen: 50.706 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012343.D
 Acq: 30 Aug 2019 10:06

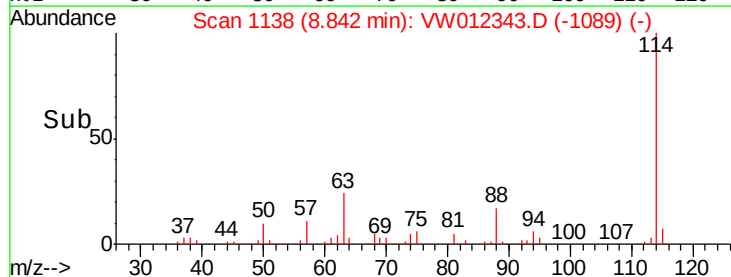
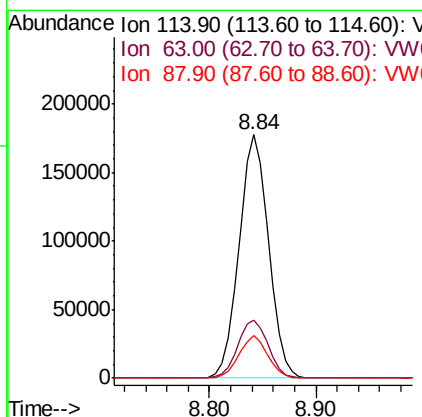
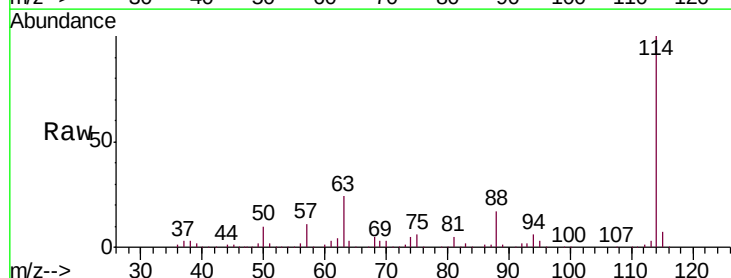
Instrument :
 MSVOA_W
 ClientSampleId :

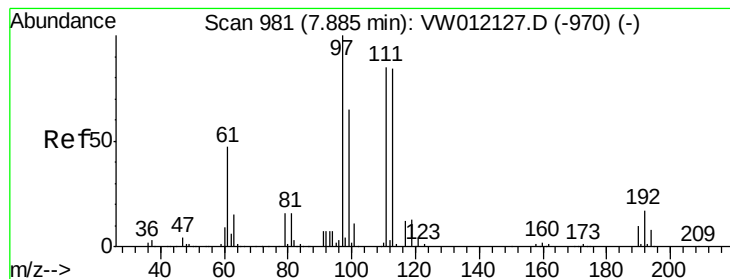
Tot Ion: 65 Resp: 127259
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012343.D
 Acq: 30 Aug 2019 10:06

Tgt Ion: 114 Resp: 346008
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 48.6
 88 17.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.207 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012343.D

Acq: 30 Aug 2019 10:06

Instrument :

MSVOA_W

ClientSampleId :

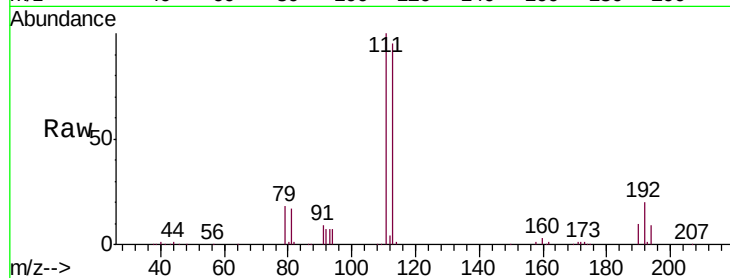
Tot Ion:113 Resp: 103694

Ion Ratio Lower Upper

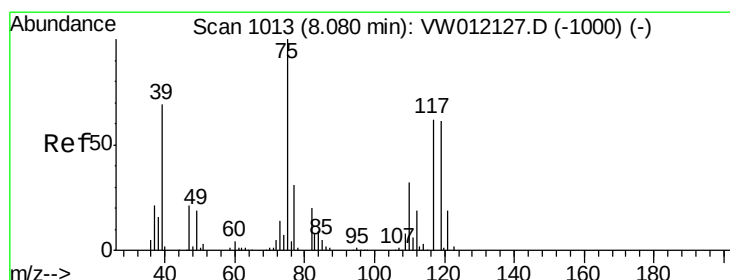
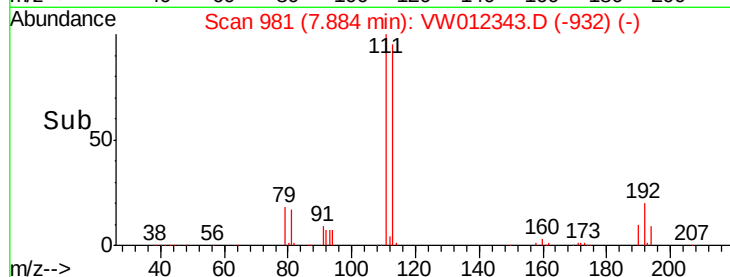
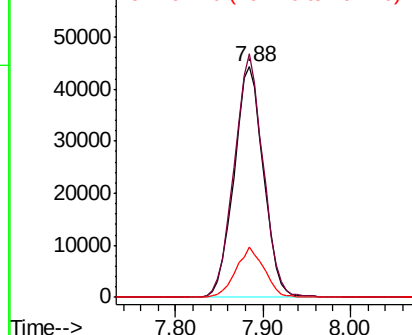
113 100

111 103.8 82.7 124.1

192 20.7 16.2 24.2



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: 4.981 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW012343.D

Acq: 30 Aug 2019 10:06

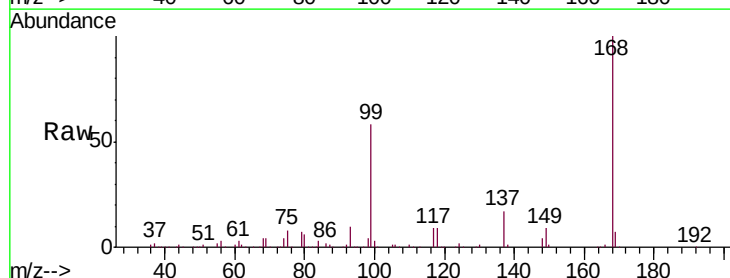
Tgt Ion: 75 Resp: 17811

Ion Ratio Lower Upper

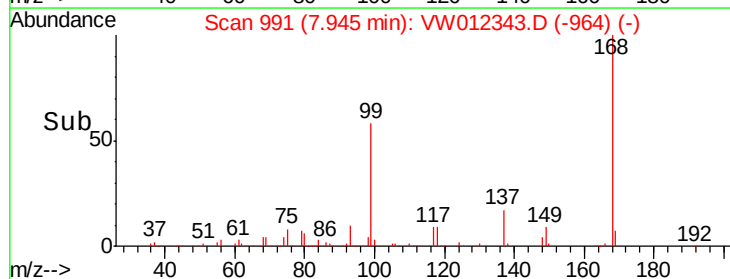
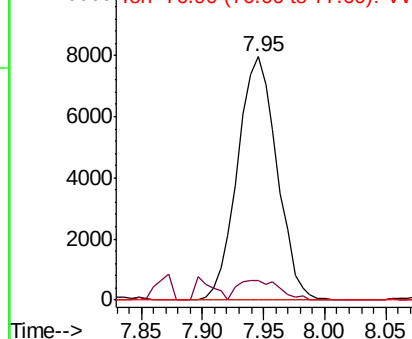
75 100

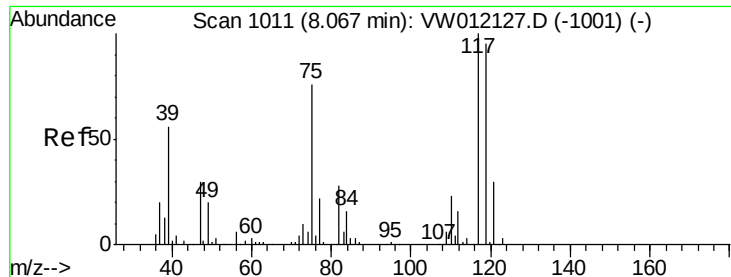
110 8.8 15.6 46.8#

77 0.0 24.6 36.8#



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: 6.539 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW012343.D

Acq: 30 Aug 2019 10:06

Instrument :

MSVOA_W

ClientSampleId :

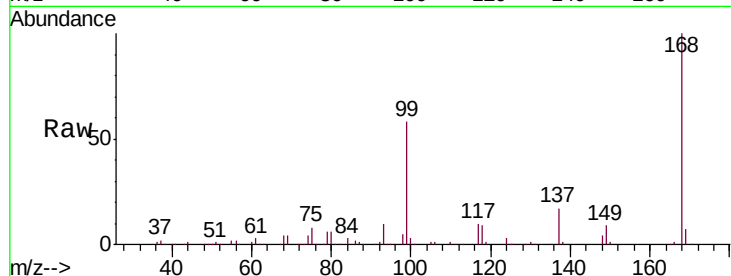
Tot Ion:117 Resp: 20238

Ion Ratio Lower Upper

117 100

119 6.0 76.2 114.2#

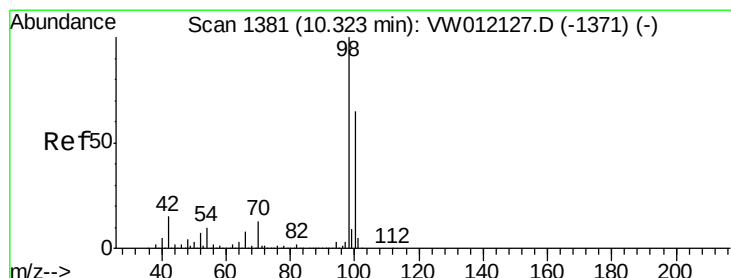
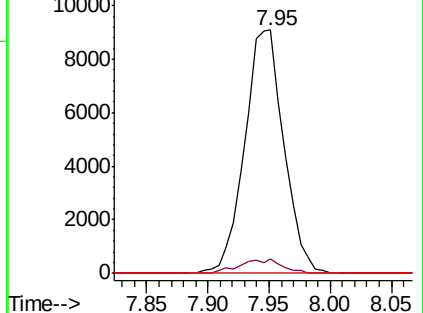
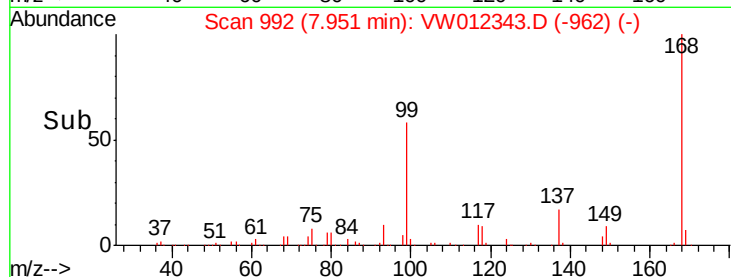
121 0.0 23.8 35.8#



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: 50.435 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012343.D

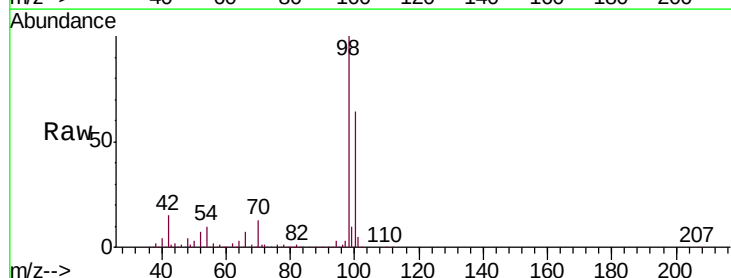
Acq: 30 Aug 2019 10:06

Tgt Ion: 98 Resp: 422355

Ion Ratio Lower Upper

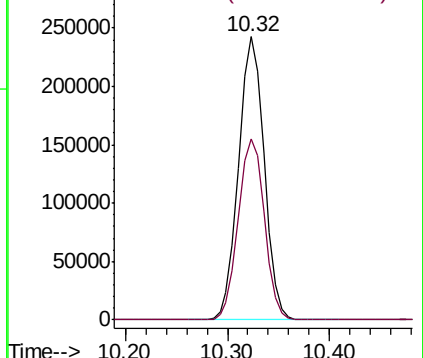
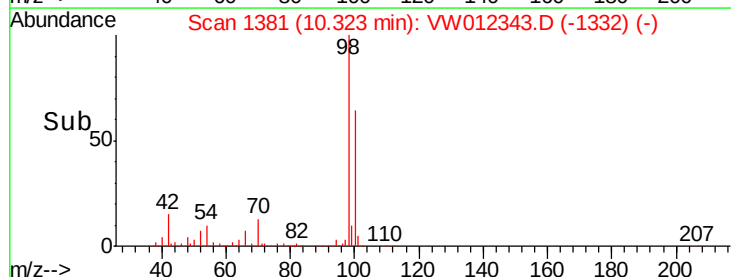
98 100

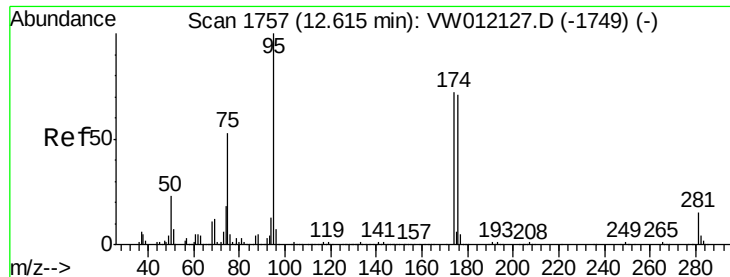
100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 47.403 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012343.D

Acq: 30 Aug 2019 10:06

Instrument :

MSVOA_W

ClientSampled :

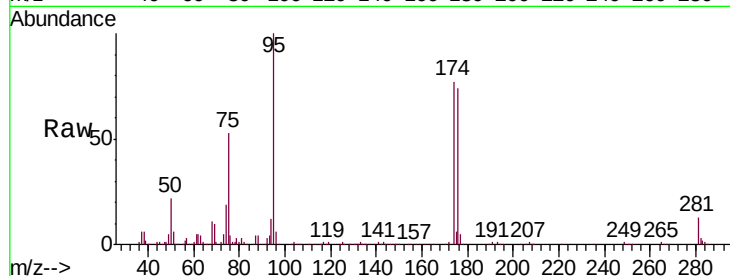
Tot Ion: 95 Resp: 139931

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.8

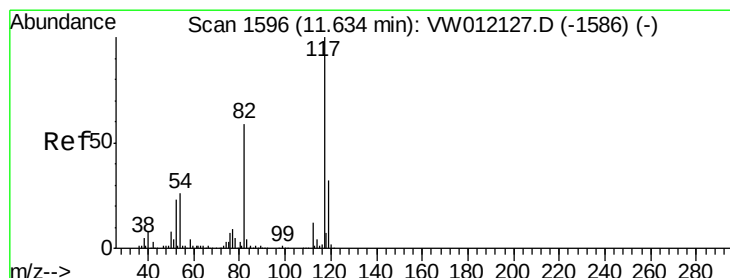
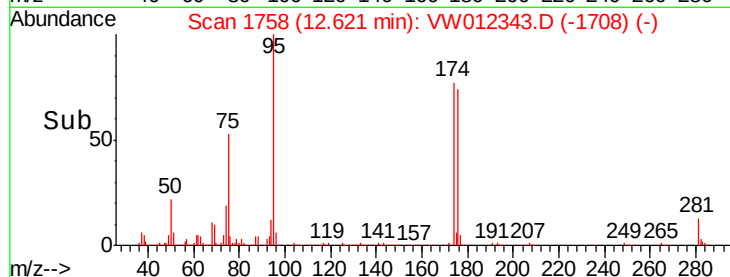
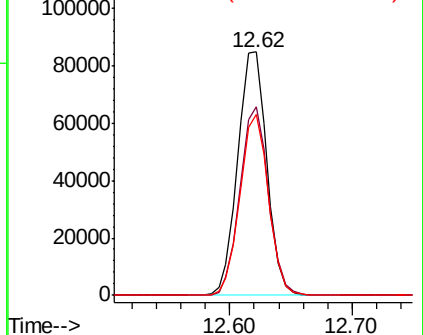
176 72.9 0.0 148.6



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: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012343.D

Acq: 30 Aug 2019 10:06

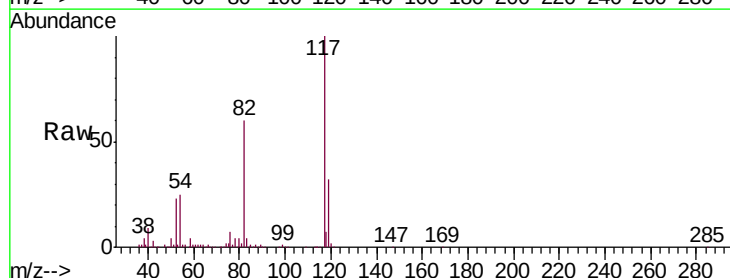
Tgt Ion: 117 Resp: 290546

Ion Ratio Lower Upper

117 100

82 60.1 47.4 71.2

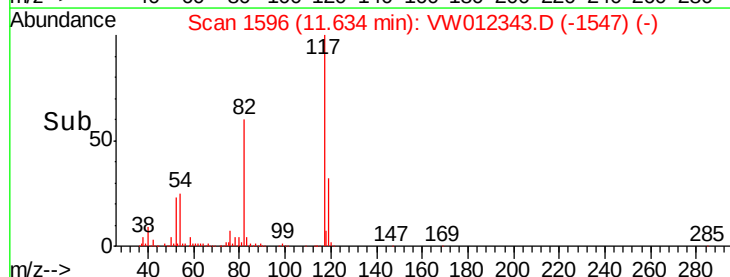
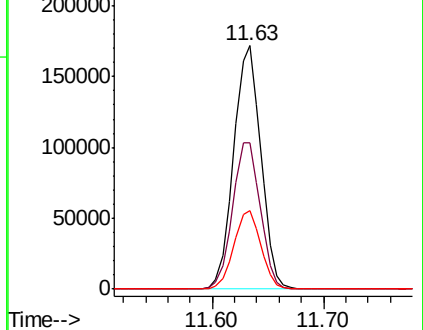
119 32.3 25.4 38.2

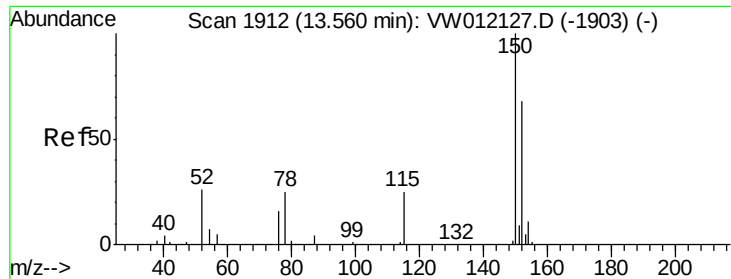


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012343.D

Acq: 30 Aug 2019 10:06

Instrument :

MSVOA_W

ClientSampleId :

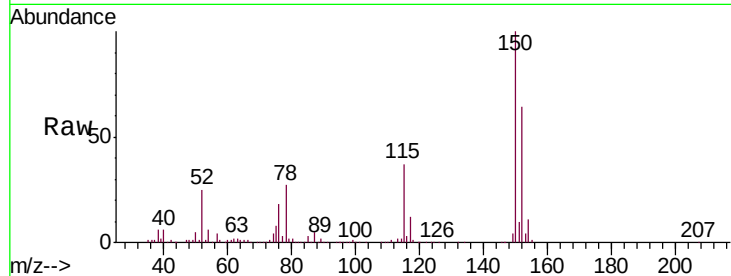
Tot Ion:152 Resp: 122919

Ion Ratio Lower Upper

152 100

115 61.0 30.1 90.3

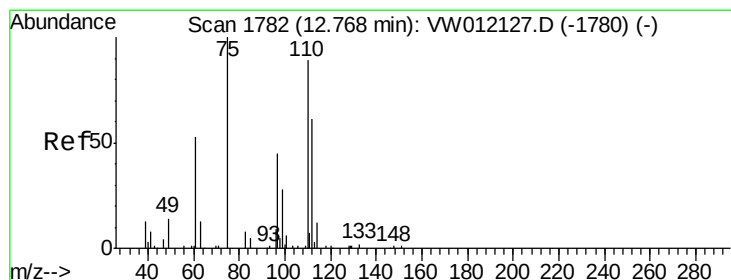
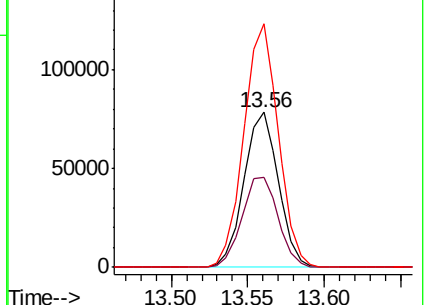
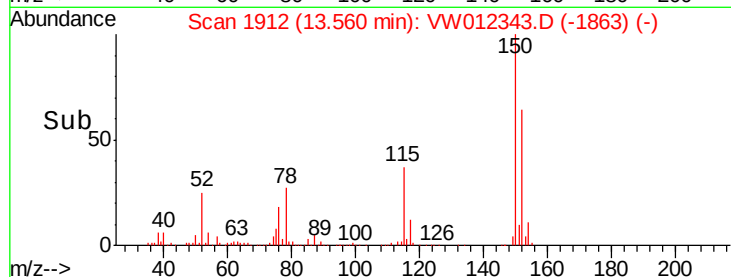
150 157.1 0.0 345.8



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: 61.668 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012343.D

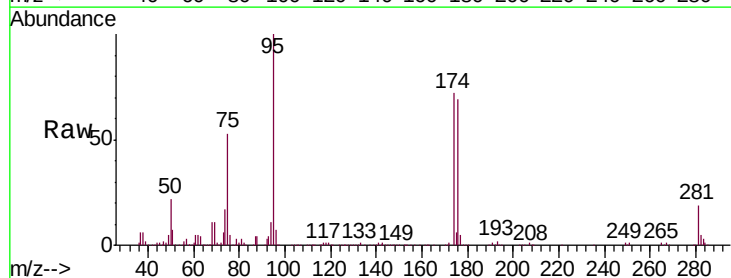
Acq: 30 Aug 2019 10:06

Tgt Ion: 75 Resp: 73825

Ion Ratio Lower Upper

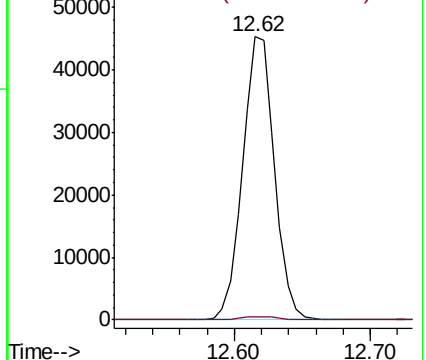
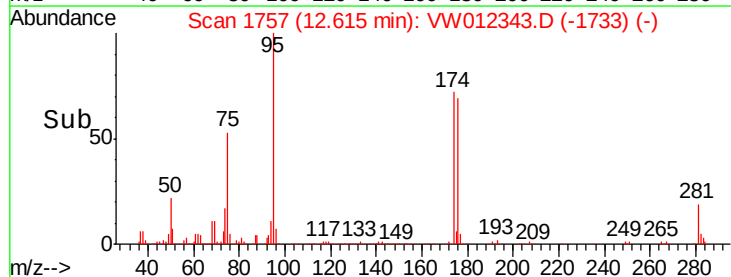
75 100

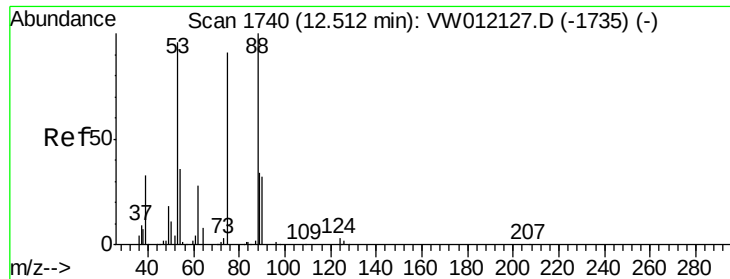
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

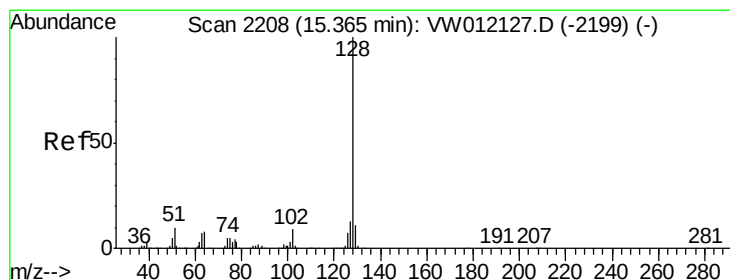
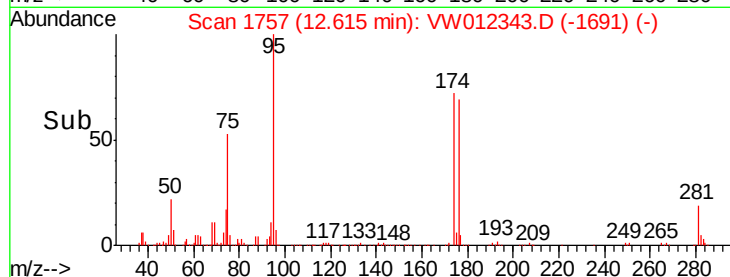
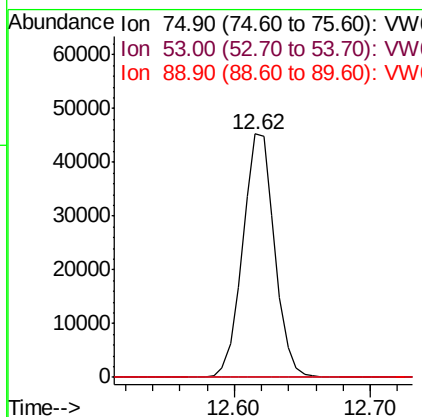
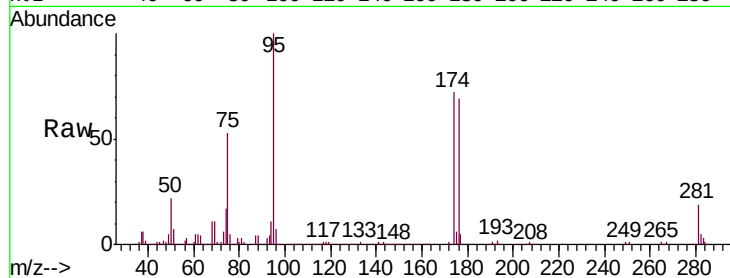




#81
trans-1,4-Dichloro-2-butene
Concen: 135.209 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012343.D
Acq: 30 Aug 2019 10:06

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 73825
Ion Ratio Lower Upper
75 100
53 0.1 89.4 134.0#
89 0.1 34.5 51.7#



#95
Naphthalene
Concen: 4.604 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012343.D
Acq: 30 Aug 2019 10:06

Tgt Ion: 128 Resp: 1436
Ion Ratio Lower Upper
128 100
127 17.9 10.7 16.1#
129 1.7 8.7 13.1#

