

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090919\
 Data File : VW012826.D
 Acq On : 09 Sep 2019 17:16
 Operator : SY/VA
 Sample : K4760-10
 Misc : 6.94G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-3

Quant Time: Sep 16 07:48:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

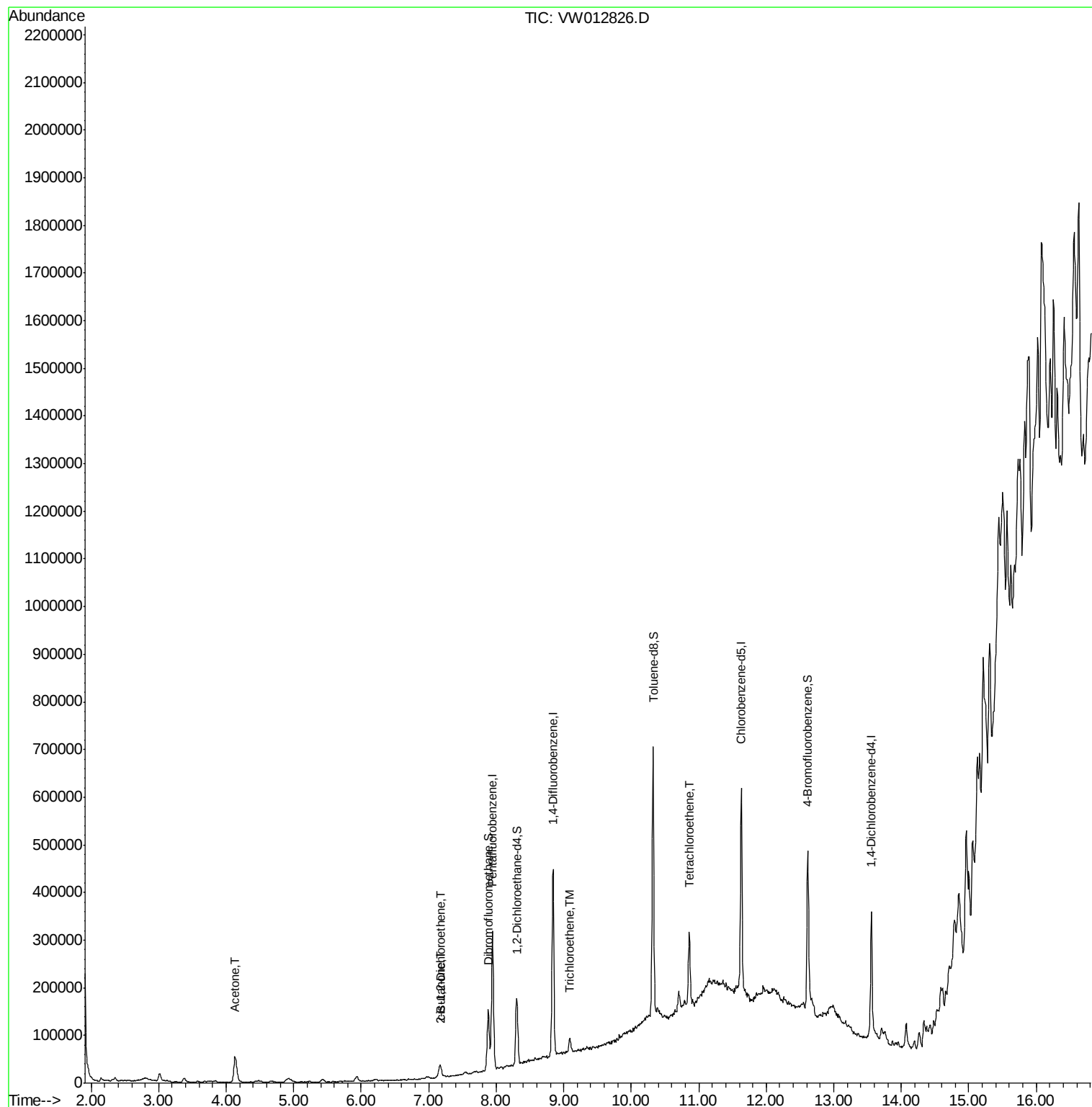
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	325466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	226997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	67950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112990	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
35) Dibromofluoromethane	7.88	113	91926	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
50) Toluene-d8	10.32	98	365108	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	12.62	95	104211	37.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.74%	
Target Compounds						
16) Acetone	4.13	43	112211	165.311	ug/l	98
25) 2-Butanone	7.18	43	13838	32.436	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	9825	4.513	ug/l	83
44) Trichloroethene	9.09	130	10376	5.017	ug/l	91
64) Tetrachloroethene	10.86	164	37397	27.151	ug/l	96

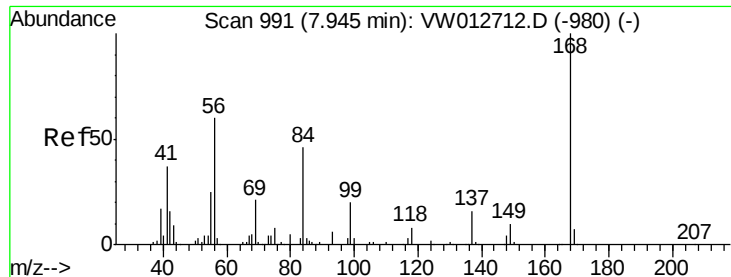
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012826.D

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Instrument :

MSVOA_W

ClientSampleId :

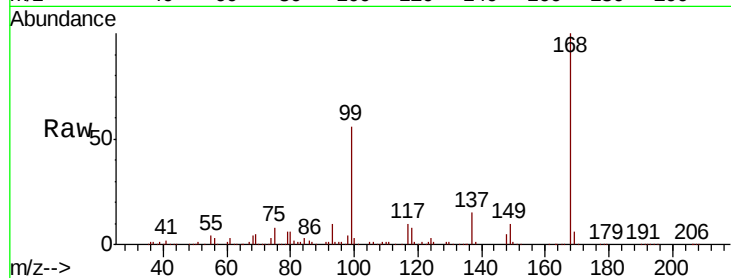
WEST-SIDE-WALL-3

Tgt Ion:168 Resp: 222840

Ion Ratio Lower Upper

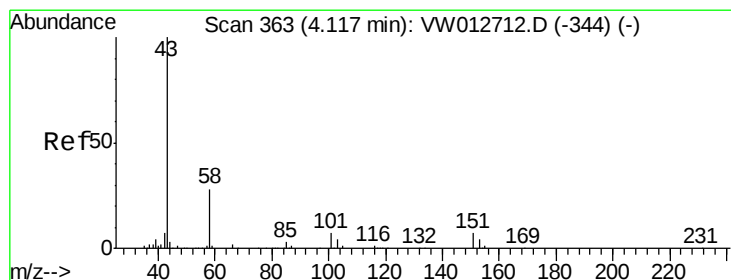
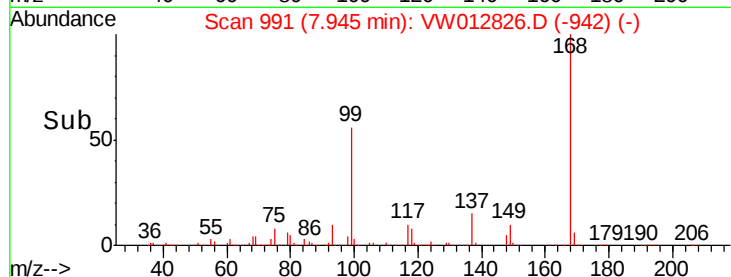
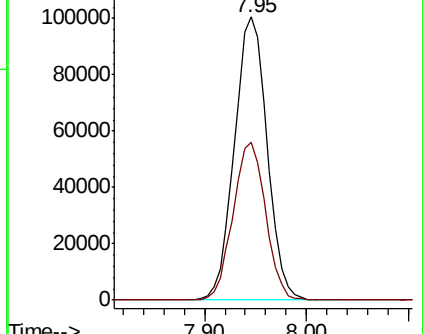
168 100

99 55.8 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 165.311 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012826.D

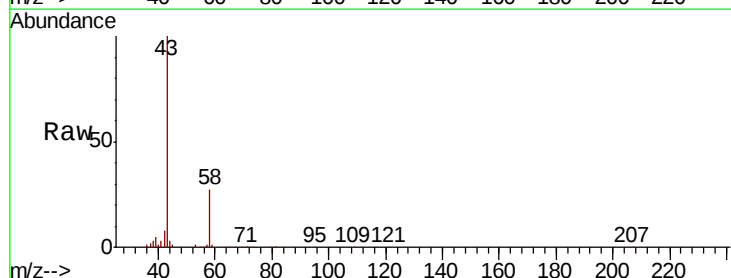
Acq: 09 Sep 2019 17:16

Tgt Ion: 43 Resp: 112211

Ion Ratio Lower Upper

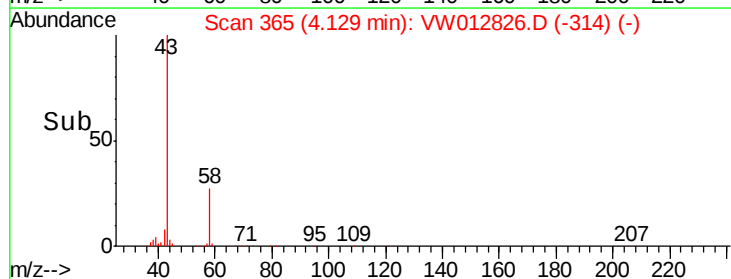
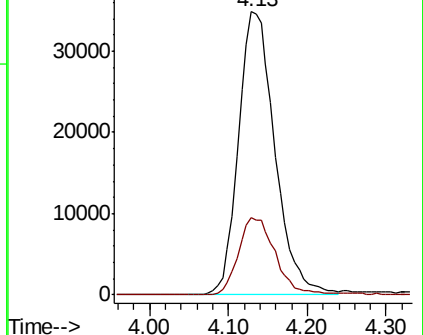
43 100

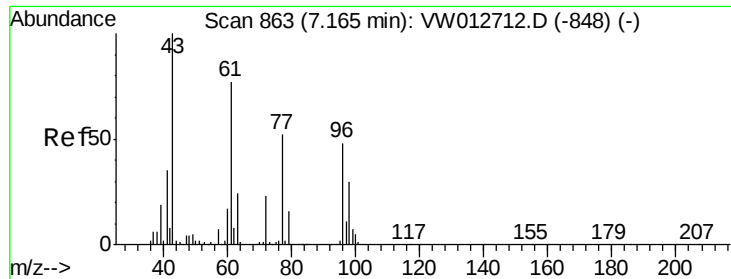
58 27.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 32.436 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.02 min

Lab File: VW012826.D

Acq: 09 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

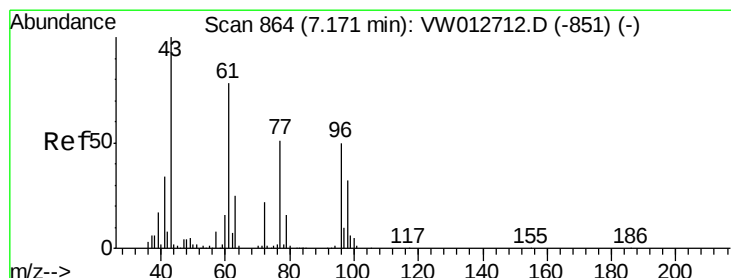
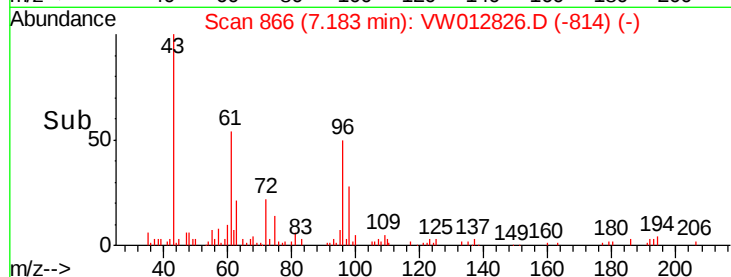
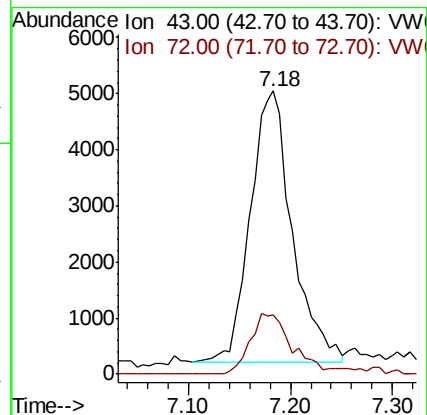
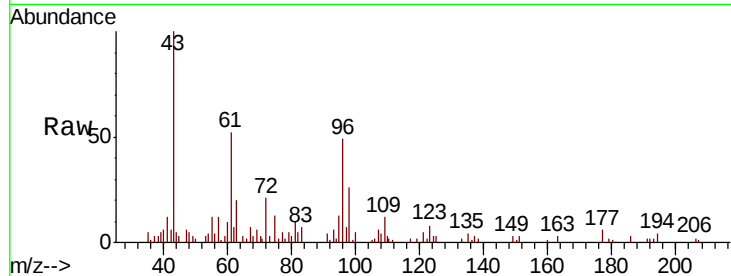
WEST-SIDE-WALL-3

Tgt Ion: 43 Resp: 13838

Ion Ratio Lower Upper

43 100

72 22.0 18.0 27.0



#27

cis-1,2-Dichloroethene

Concen: 4.513 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012826.D

Acq: 09 Sep 2019 17:16

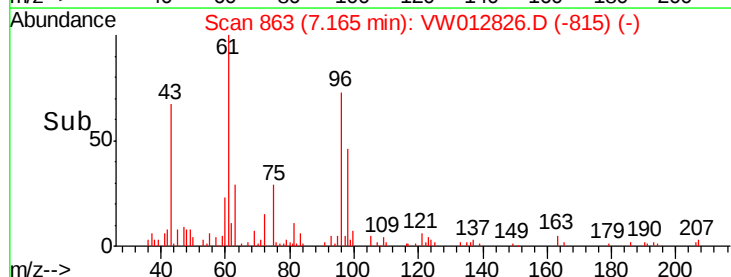
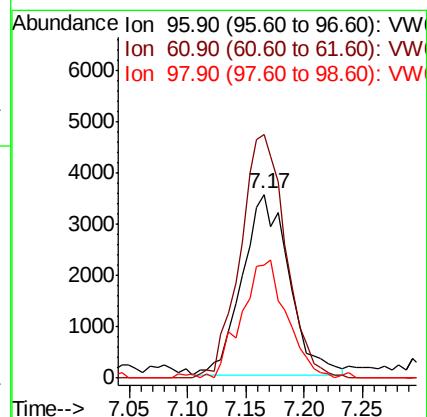
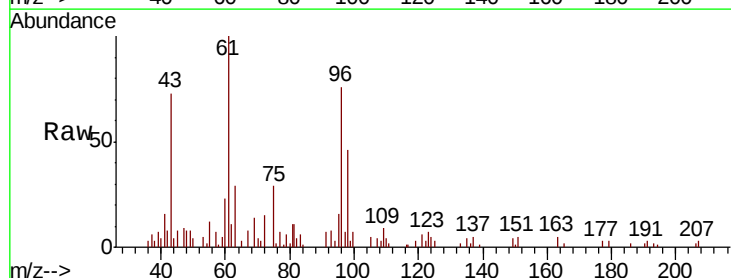
Tgt Ion: 96 Resp: 9825

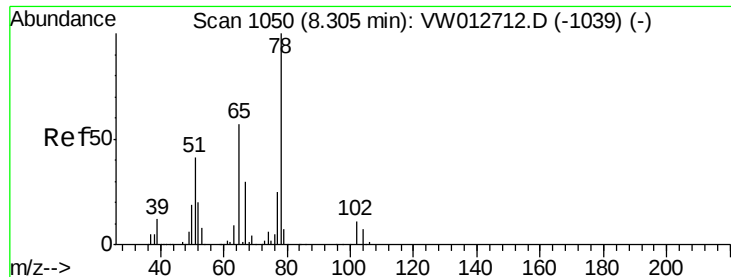
Ion Ratio Lower Upper

96 100

61 131.7 0.0 325.8

98 62.7 0.0 127.0

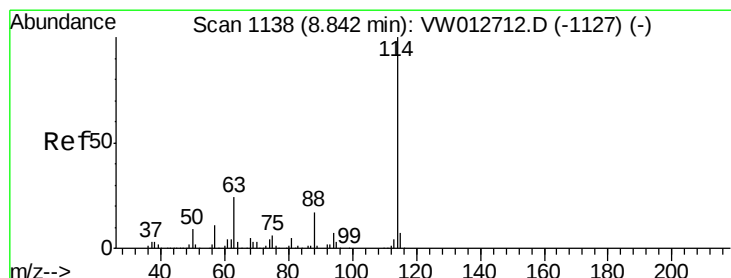
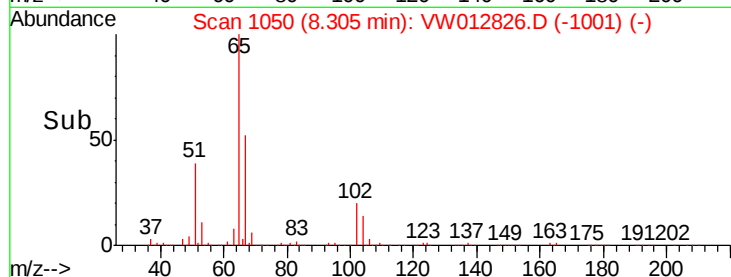
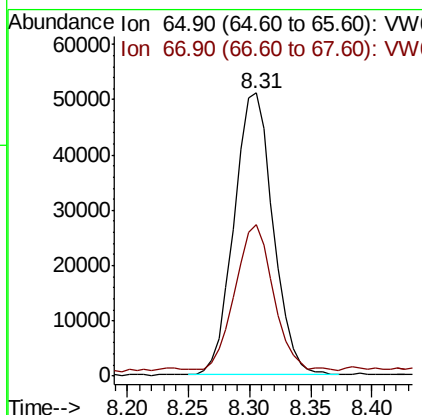
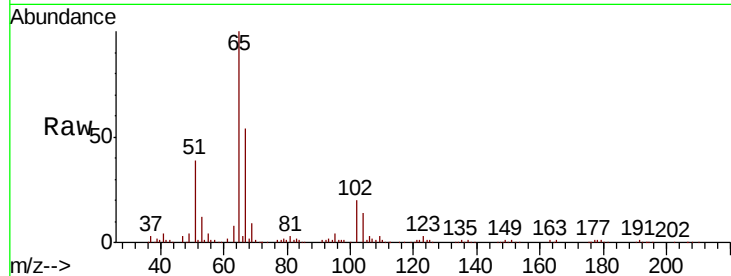




#33
 1,2-Dichloroethane-d4
 Concen: 45.380 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012826.D
 Acq: 09 Sep 2019 17:16

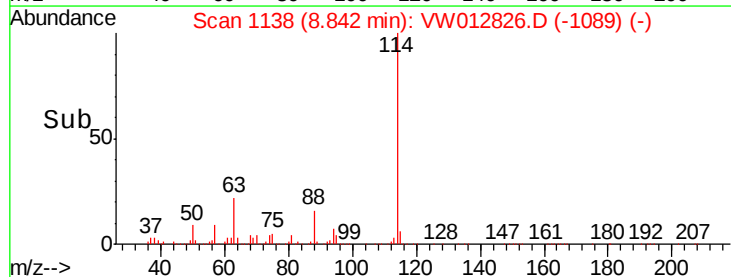
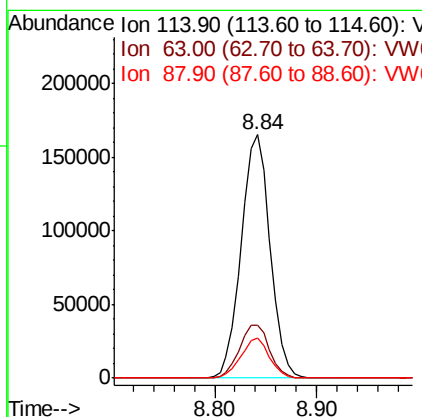
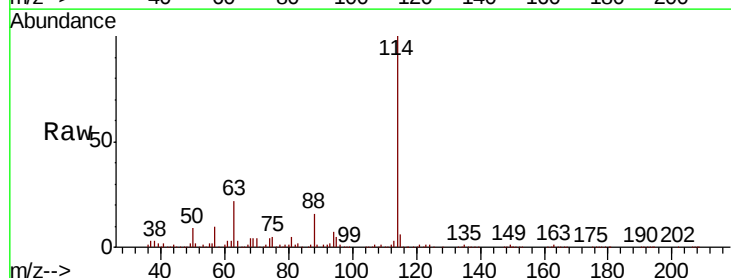
Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-3

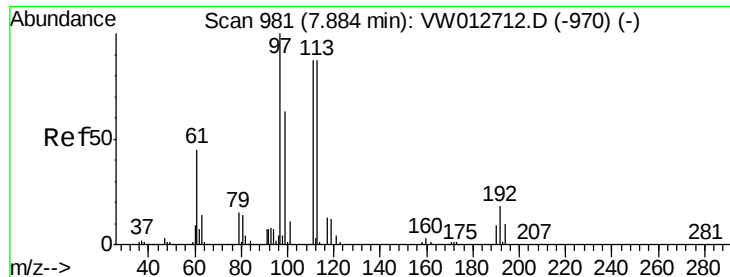
Tgt Ion: 65 Resp: 112990
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012826.D
 Acq: 09 Sep 2019 17:16

Tgt Ion: 114 Resp: 325466
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 47.2
 88 16.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.507 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012826.D

Acq: 09 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

WEST-SIDE-WALL-3

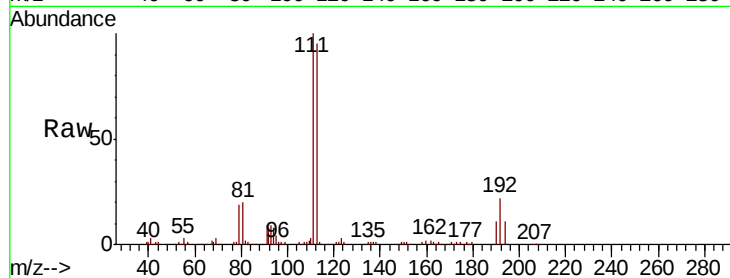
Tgt Ion:113 Resp: 91926

Ion Ratio Lower Upper

113 100

111 105.7 80.2 120.4

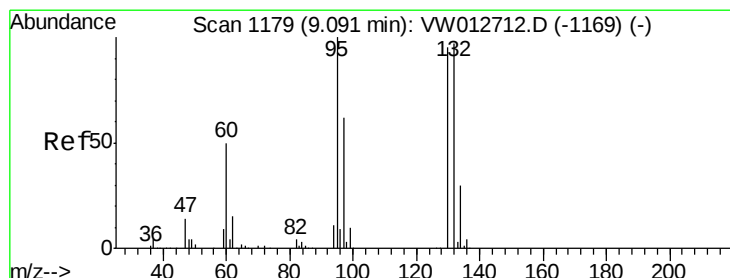
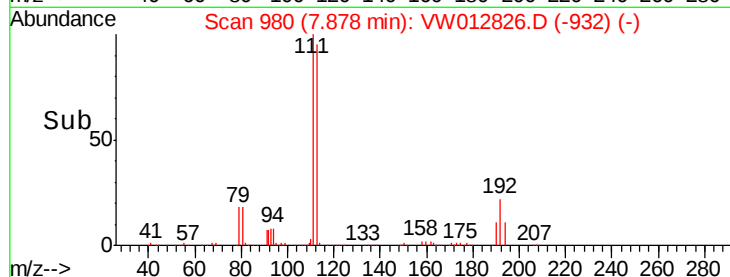
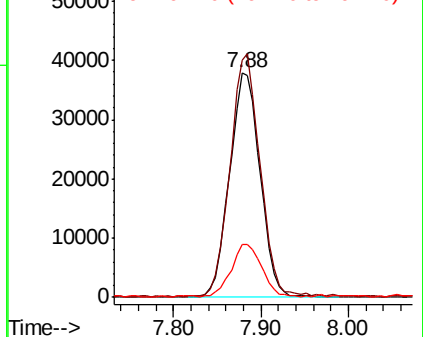
192 23.6 17.3 25.9



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



#44

Trichloroethene

Concen: 5.017 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012826.D

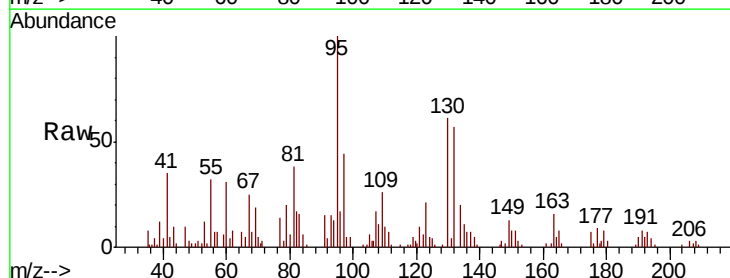
Acq: 09 Sep 2019 17:16

Tgt Ion:130 Resp: 10376

Ion Ratio Lower Upper

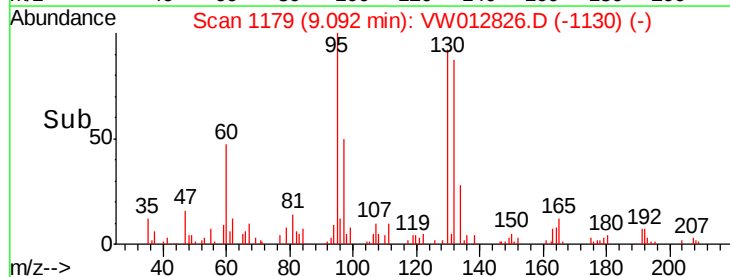
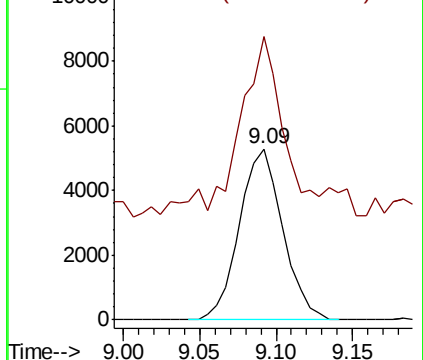
130 100

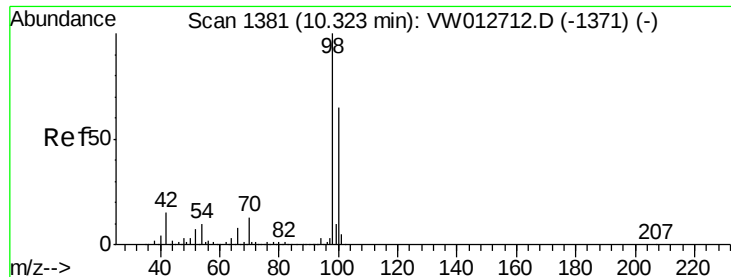
95 96.1 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VV





#50

Toluene-d8

Concen: 48.162 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012826.D

Acq: 09 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

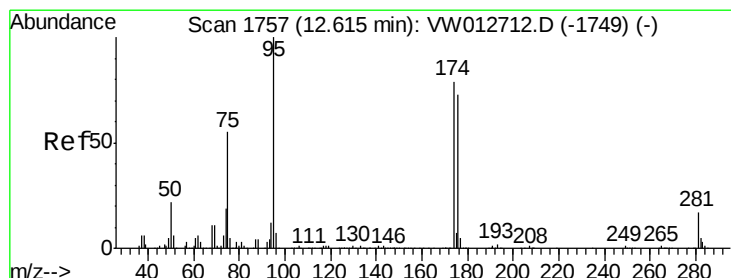
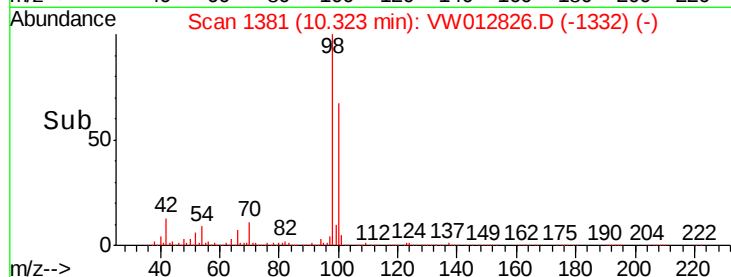
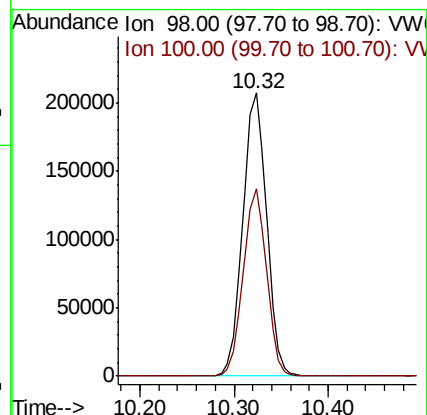
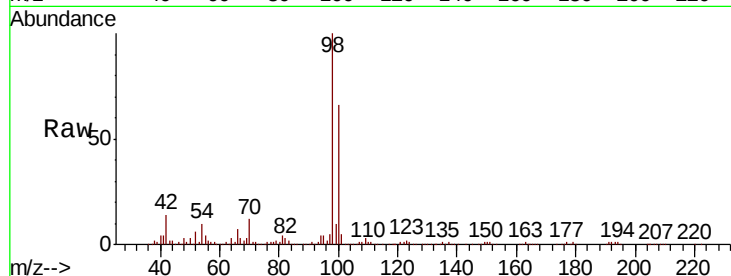
WEST-SIDE-WALL-3

Tgt Ion: 98 Resp: 365108

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 37.866 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012826.D

Acq: 09 Sep 2019 17:16

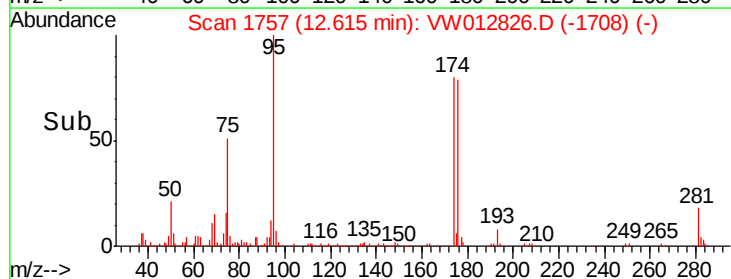
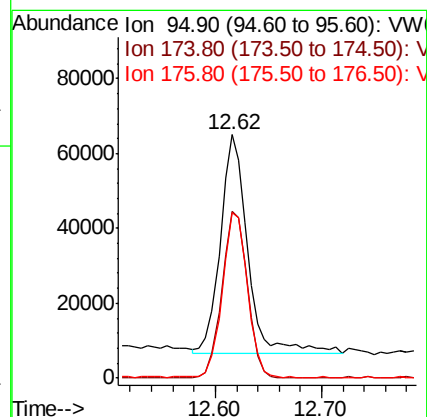
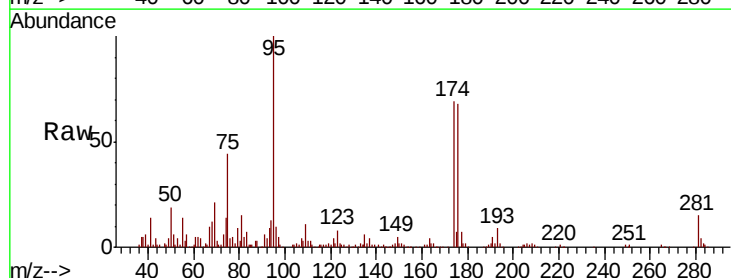
Tgt Ion: 95 Resp: 104211

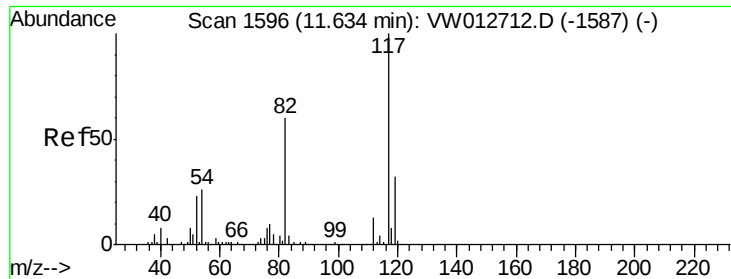
Ion Ratio Lower Upper

95 100

174 71.1 0.0 161.0

176 70.6 0.0 156.4

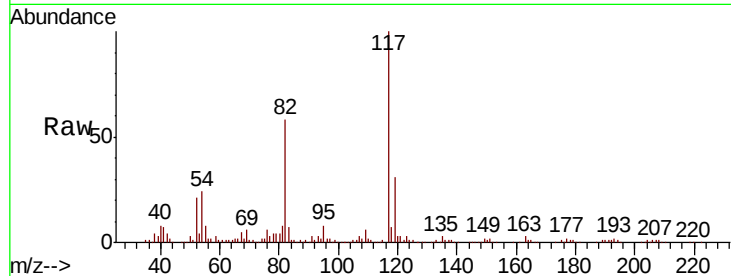




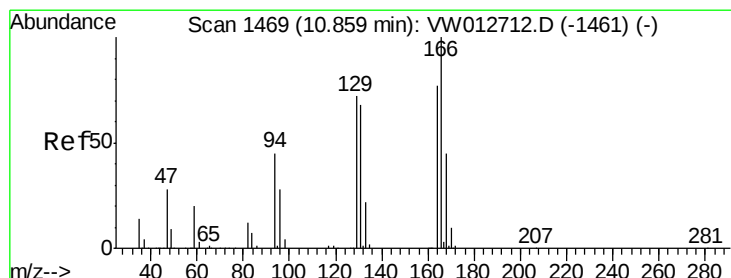
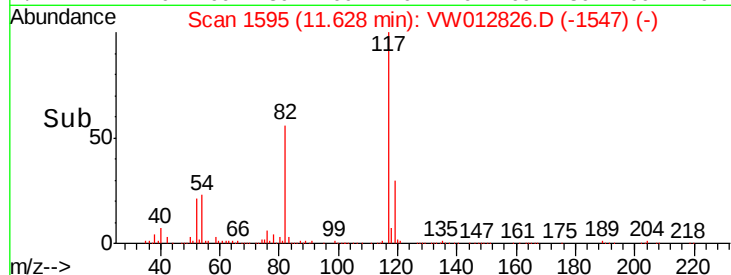
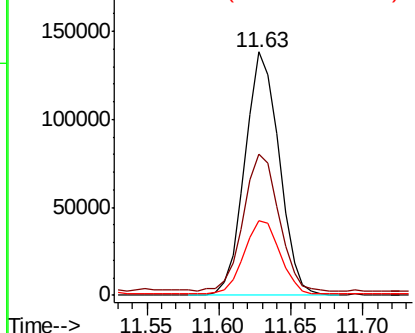
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012826.D
Acq: 09 Sep 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :
WEST-SIDE-WALL-3

Tgt Ion:117 Resp: 226997
Ion Ratio Lower Upper
117 100
82 56.4 48.2 72.4
119 30.0 25.8 38.6

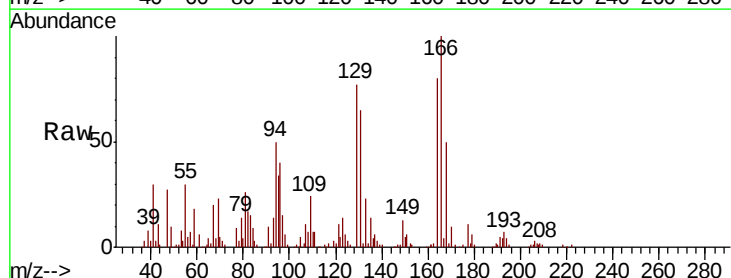


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

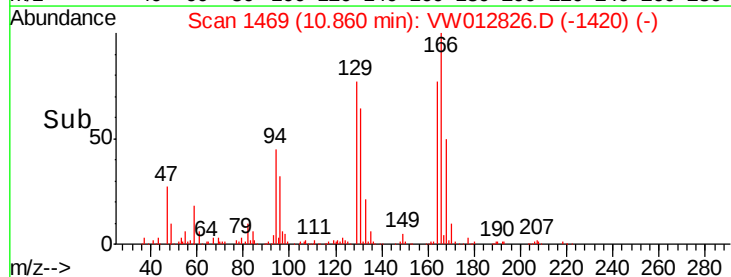
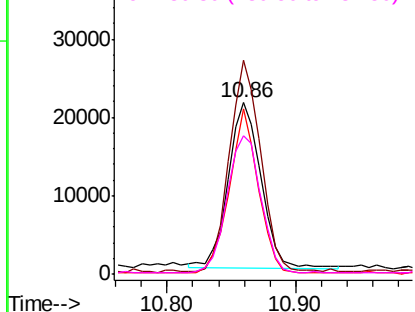


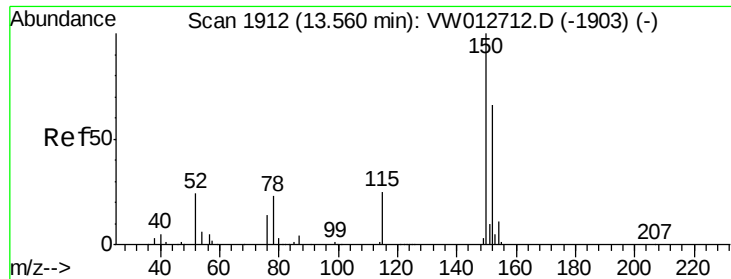
#64
Tetrachloroethene
Concen: 27.151 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012826.D
Acq: 09 Sep 2019 17:16

Tgt Ion:164 Resp: 37397
Ion Ratio Lower Upper
164 100
166 128.4 103.6 155.4
129 100.1 74.6 112.0
131 84.0 70.6 106.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012826.D

Acq: 09 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

WEST-SIDE-WALL-3

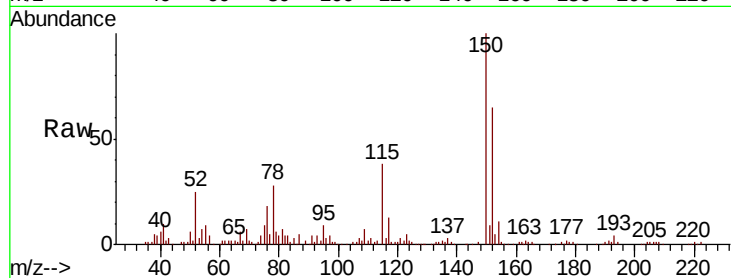
Tgt Ion:152 Resp: 67950

Ion Ratio Lower Upper

152 100

115 57.3 30.0 90.1

150 152.7 0.0 349.0



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

