

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090919\
 Data File : VW012825.D
 Acq On : 09 Sep 2019 16:50
 Operator : SY/VA
 Sample : K4760-09
 Misc : 5.79G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-2

Quant Time: Sep 16 07:48:29 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

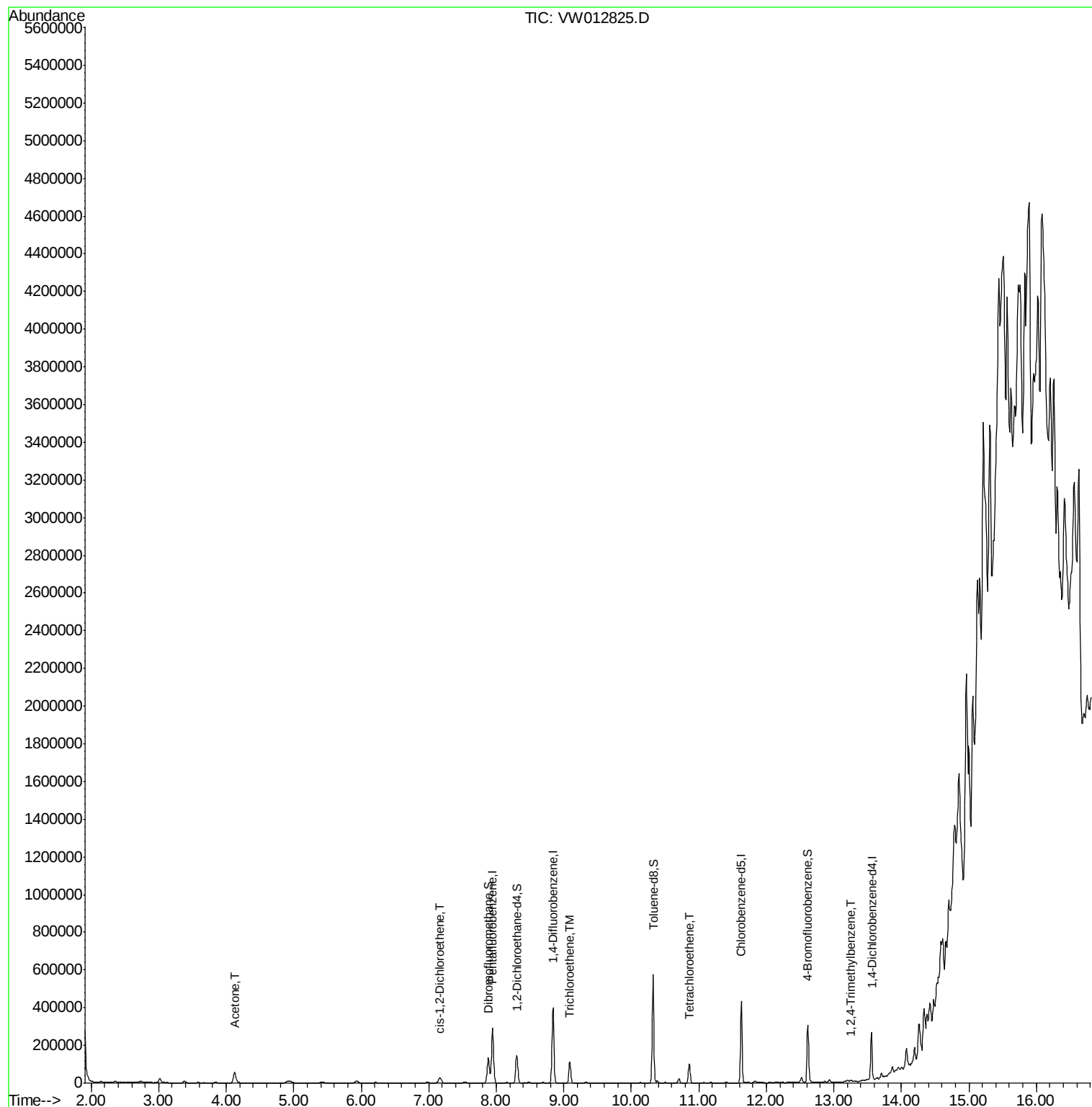
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	327345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	237143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116936	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
35) Dibromofluoromethane	7.88	113	96655	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	10.32	98	371415	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.62	95	92378	33.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.74%	
Target Compounds						
16) Acetone	4.12	43	103552	153.110	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	12304	5.672	ug/l	90
44) Trichloroethene	9.09	130	40183	19.317	ug/l	96
64) Tetrachloroethene	10.86	164	23617	16.413	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	5028	1.195	ug/l	93

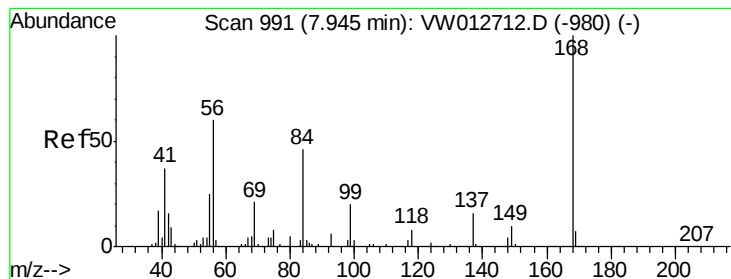
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012825.D

Acq: 09 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

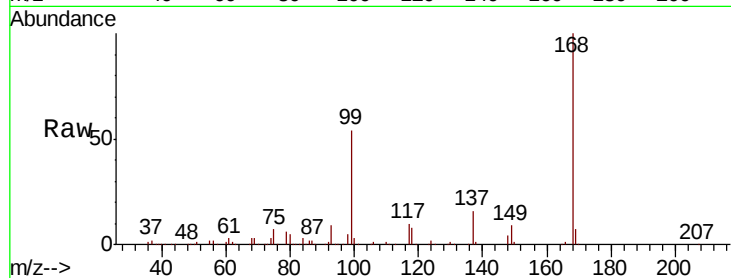
WEST-SIDE-WALL-2

Tgt Ion:168 Resp: 222032

Ion Ratio Lower Upper

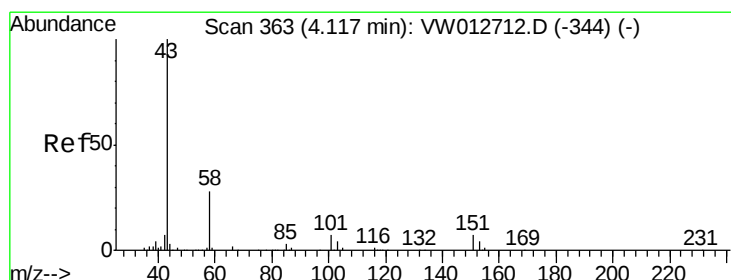
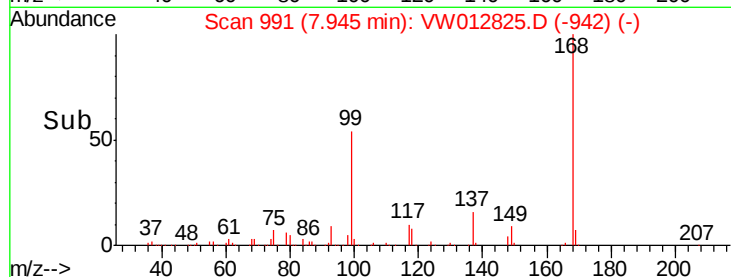
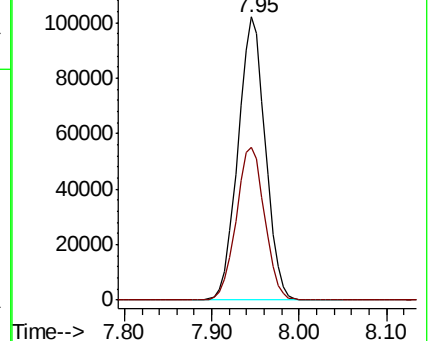
168 100

99 53.8 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 153.110 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012825.D

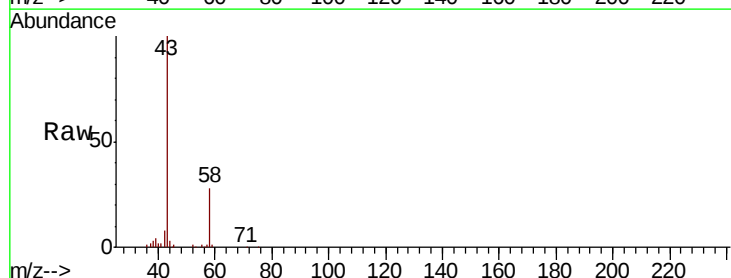
Acq: 09 Sep 2019 16:50

Tgt Ion: 43 Resp: 103552

Ion Ratio Lower Upper

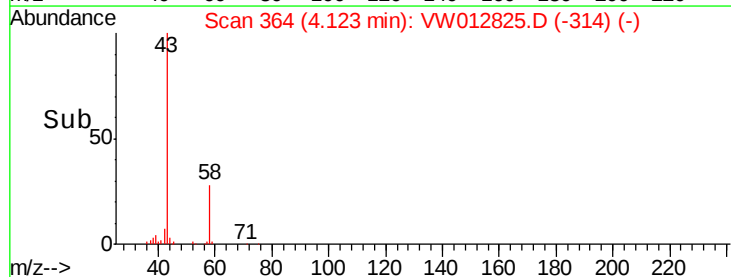
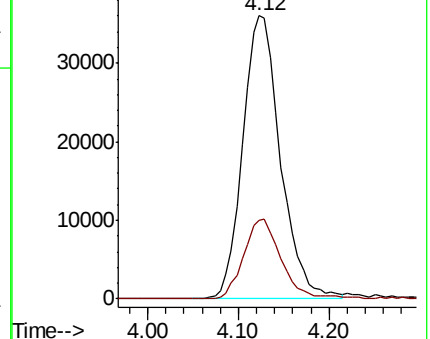
43 100

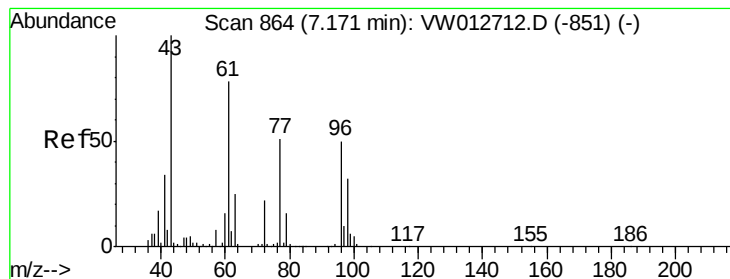
58 27.7 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



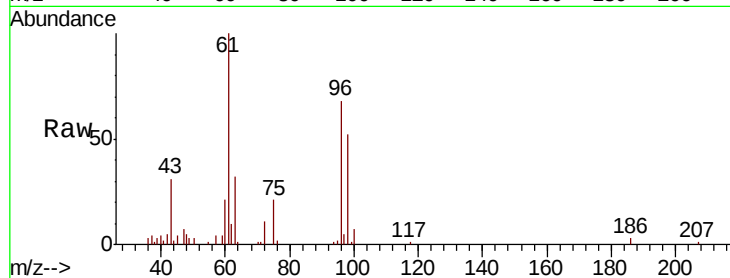


#27

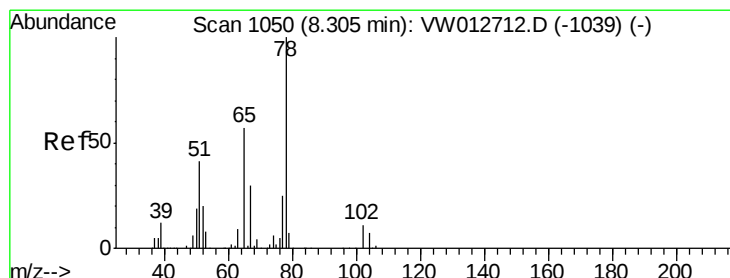
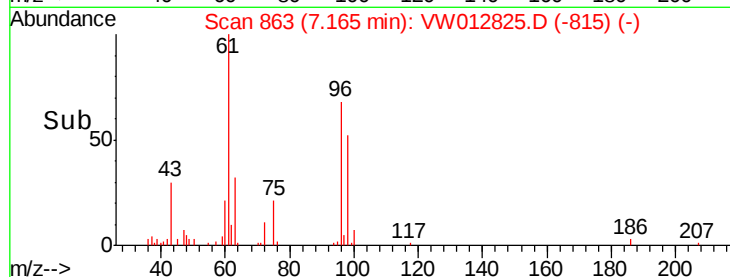
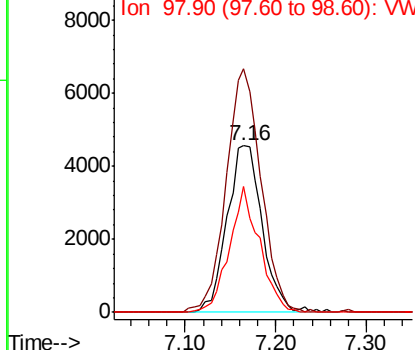
cis-1,2-Dichloroethene
 Concen: 5.672 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012825.D
 Acq: 09 Sep 2019 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-2

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	325.8
98	64.3	0.0	127.0



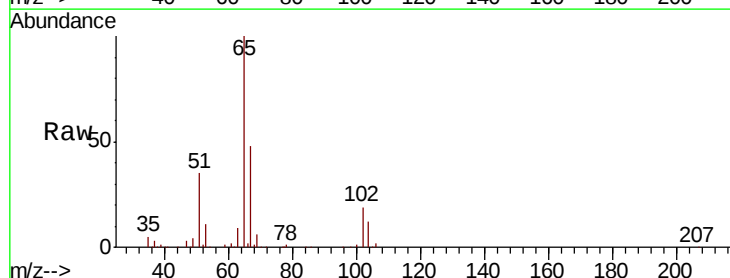
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



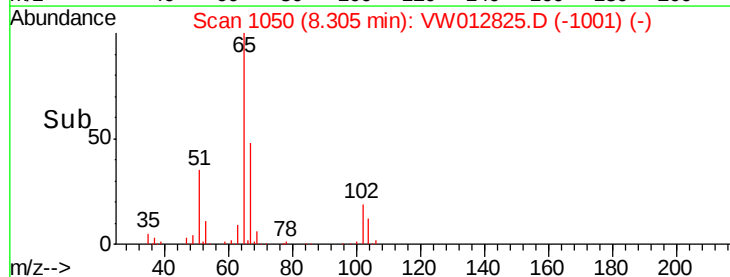
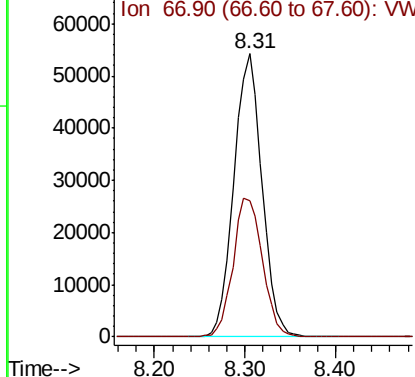
#33

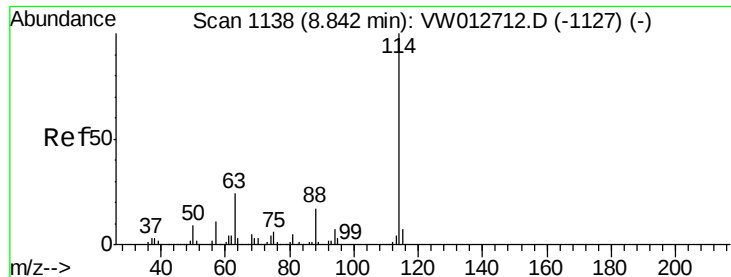
1,2-Dichloroethane-d4
 Concen: 47.136 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012825.D
 Acq: 09 Sep 2019 16:50

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	101.8



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: VW012825.D

Acq: 09 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

WEST-SIDE-WALL-2

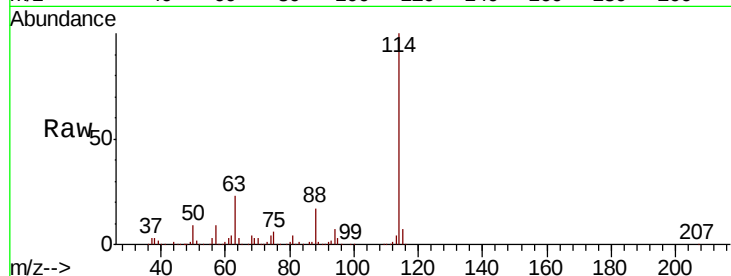
Tgt Ion:114 Resp: 327345

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.2

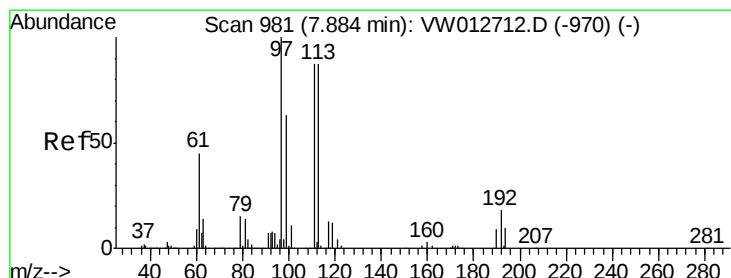
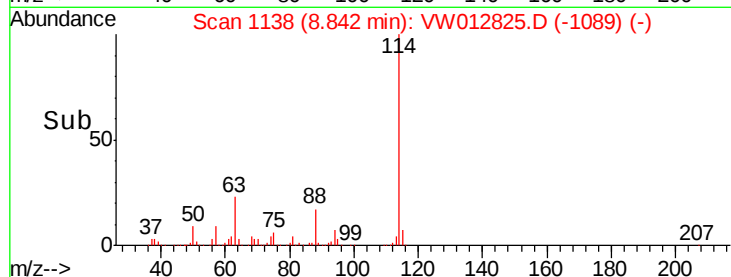
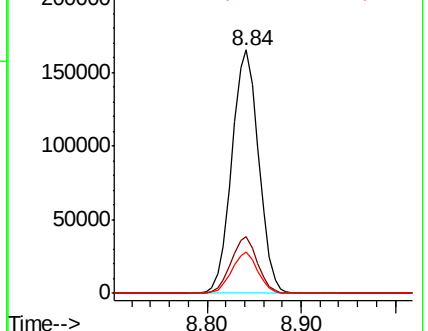
88 16.9 0.0 34.0



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: 49.665 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012825.D

Acq: 09 Sep 2019 16:50

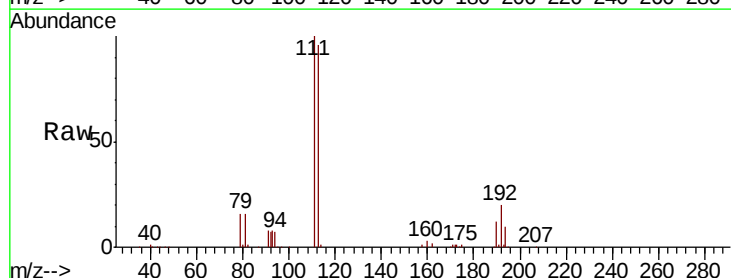
Tgt Ion:113 Resp: 96655

Ion Ratio Lower Upper

113 100

111 104.2 80.2 120.4

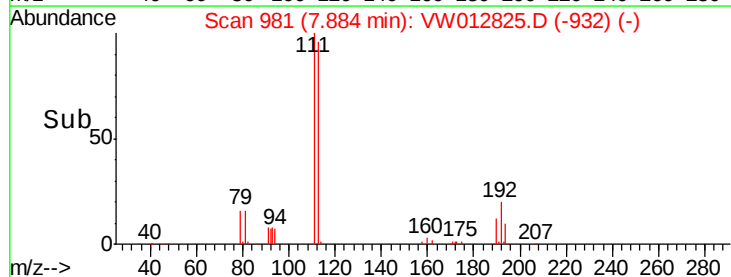
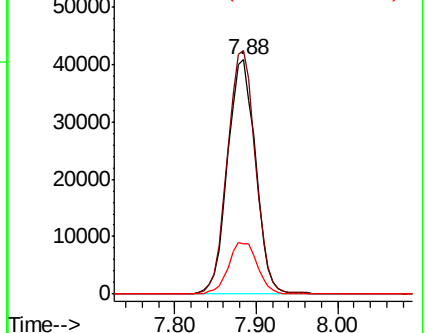
192 22.6 17.3 25.9

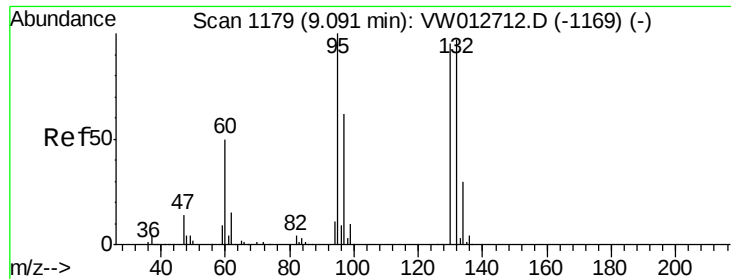


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 19.317 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012825.D

Acq: 09 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

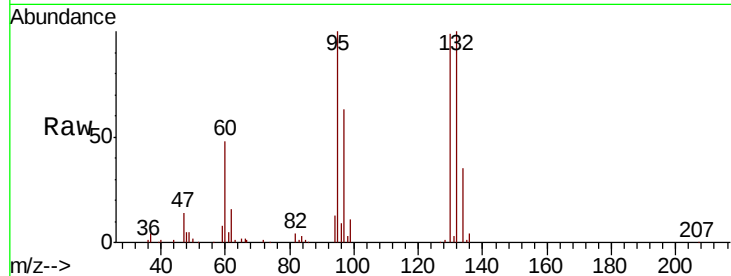
WEST-SIDE-WALL-2

Tgt Ion:130 Resp: 40183

Ion Ratio Lower Upper

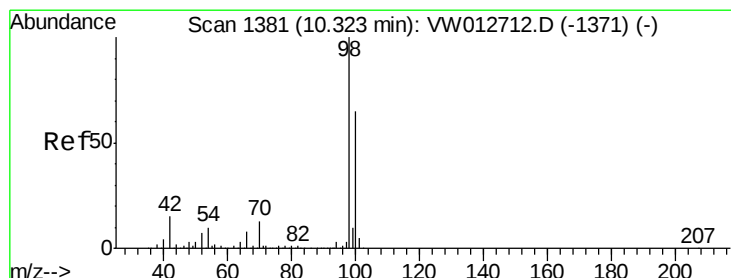
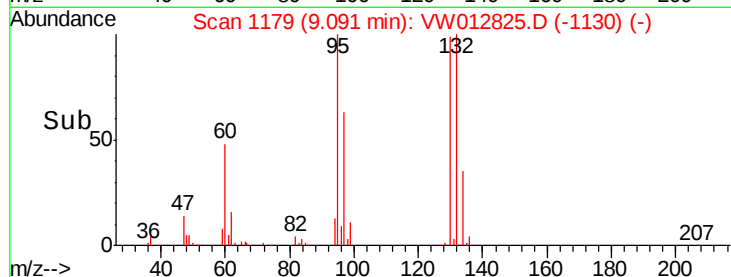
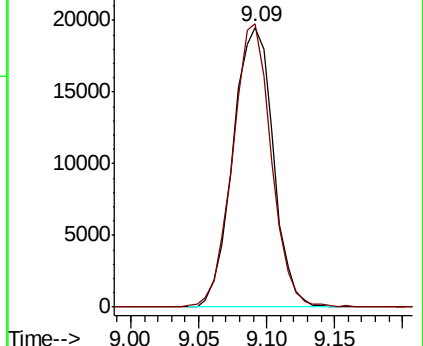
130 100

95 100.7 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#50

Toluene-d8

Concen: 48.713 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012825.D

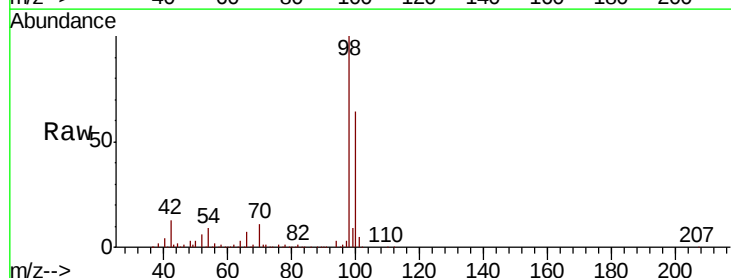
Acq: 09 Sep 2019 16:50

Tgt Ion: 98 Resp: 371415

Ion Ratio Lower Upper

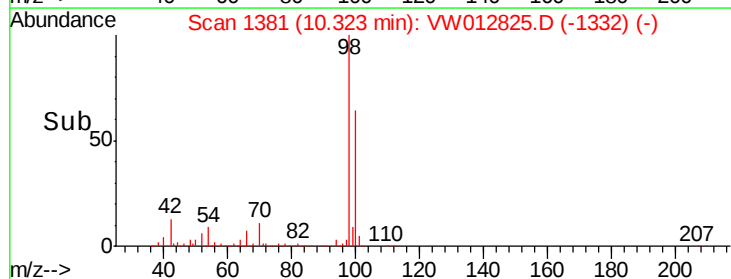
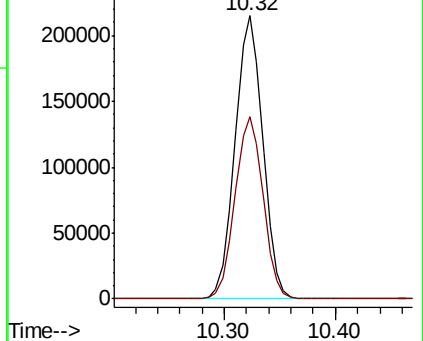
98 100

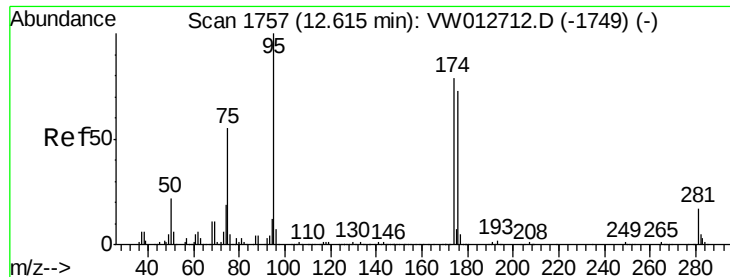
100 65.0 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 33.374 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012825.D

Acq: 09 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

WEST-SIDE-WALL-2

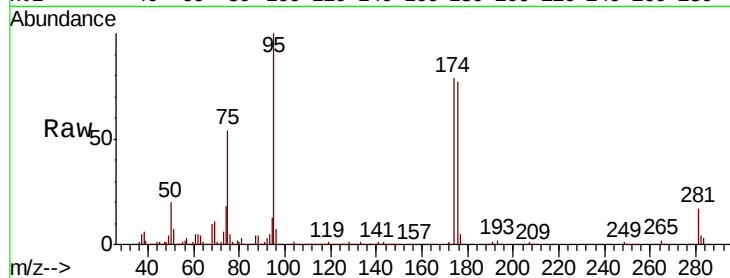
Tgt Ion: 95 Resp: 92378

Ion Ratio Lower Upper

95 100

174 83.8 0.0 161.0

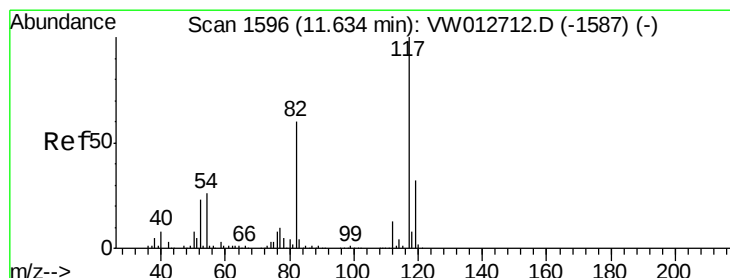
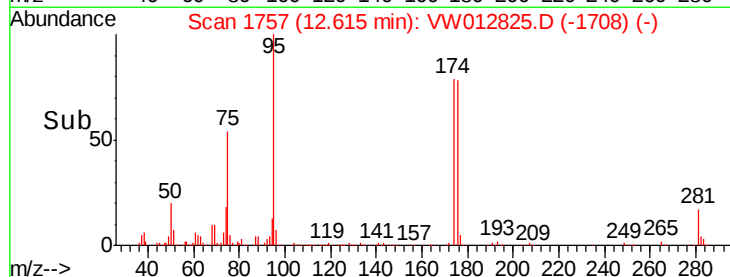
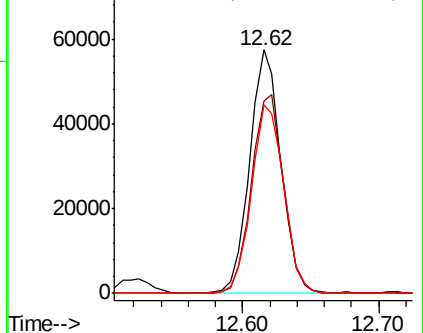
176 80.5 0.0 156.4



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# 1595

Delta R.T. -0.01 min

Lab File: VW012825.D

Acq: 09 Sep 2019 16:50

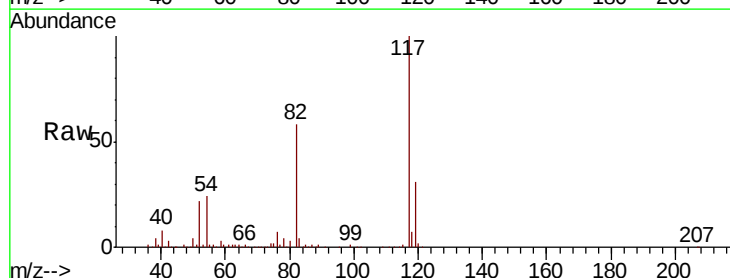
Tgt Ion: 117 Resp: 237143

Ion Ratio Lower Upper

117 100

82 58.4 48.2 72.4

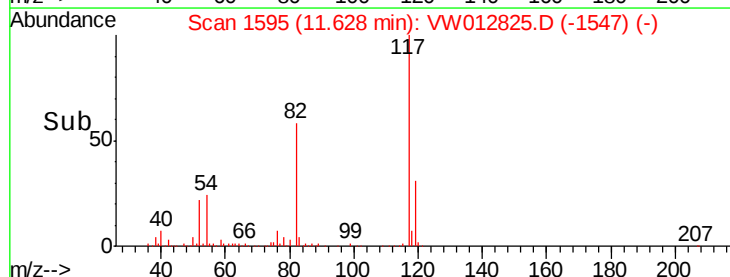
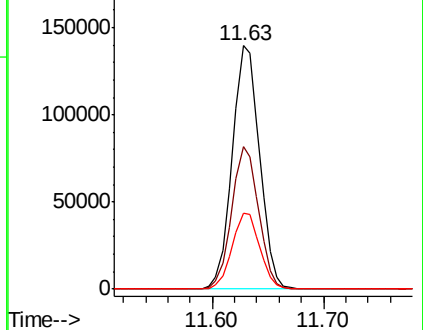
119 31.0 25.8 38.6

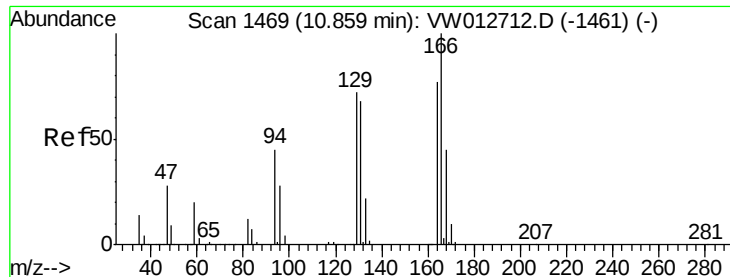


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 16.413 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW012825.D

Acq: 09 Sep 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

WEST-SIDE-WALL-2

Tgt Ion:164 Resp: 23617

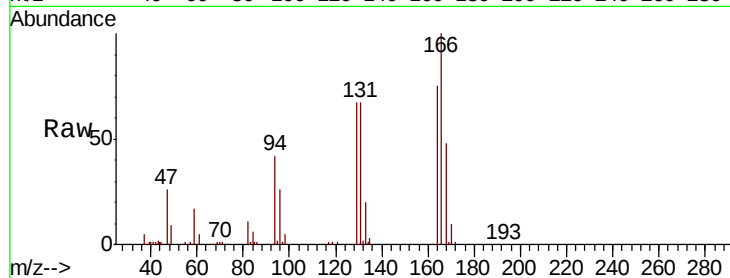
Ion Ratio Lower Upper

164 100

166 132.9 103.6 155.4

129 89.1 74.6 112.0

131 88.9 70.6 106.0

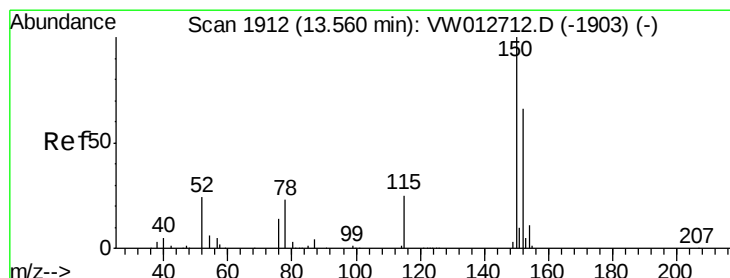
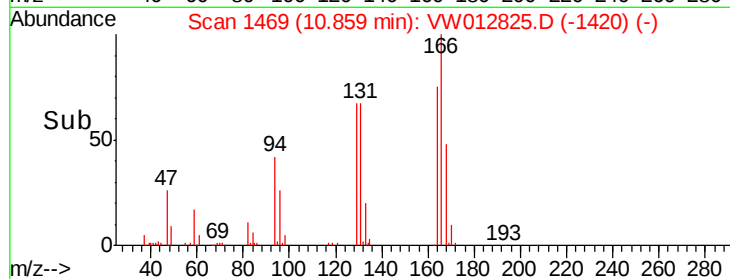
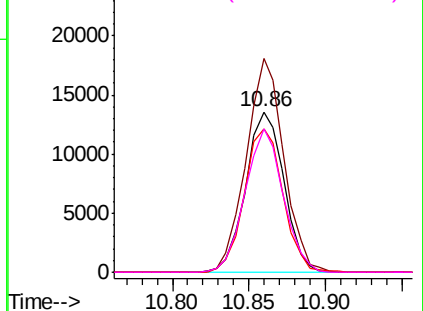


Abundance Ion 163.80 (163.50 to 164.50): V

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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012825.D

Acq: 09 Sep 2019 16:50

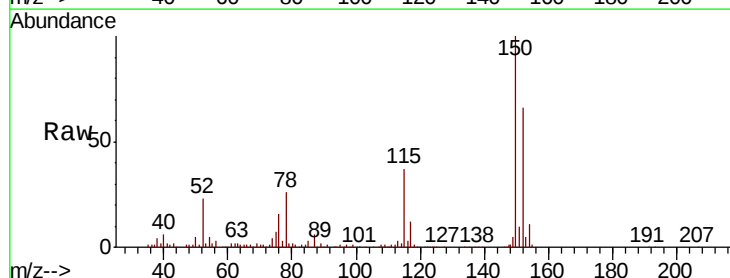
Tgt Ion:152 Resp: 69098

Ion Ratio Lower Upper

152 100

115 56.3 30.0 90.1

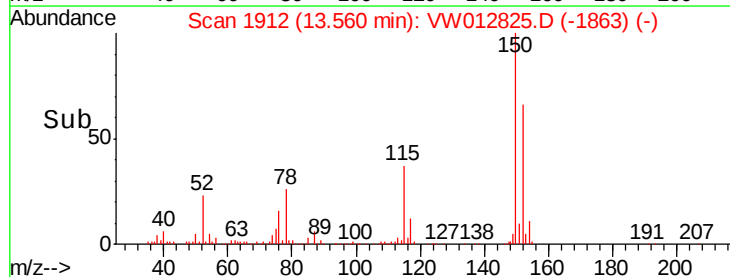
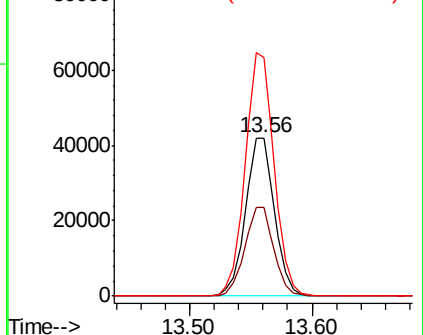
150 153.2 0.0 349.0

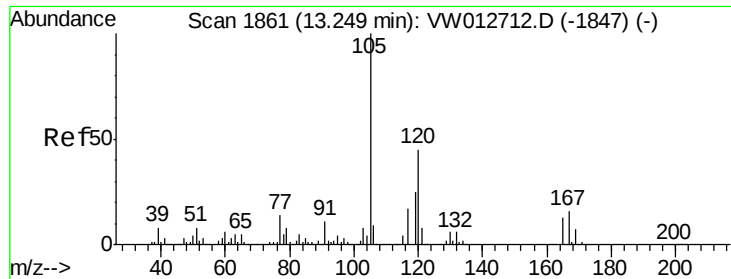


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84
 1,2,4-Trimethylbenzene
 Concen: 1.195 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012825.D
 Acq: 09 Sep 2019 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-2

Tgt Ion:105 Resp: 5028
 Ion Ratio Lower Upper
 105 100
 120 39.3 22.1 66.3

