

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090819\
 Data File : VW012806.D
 Acq On : 09 Sep 2019 07:42
 Operator : SY/VA
 Sample : K4760-03
 Misc : 5.72G/5ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

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

Quant Time: Sep 16 08:05:52 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

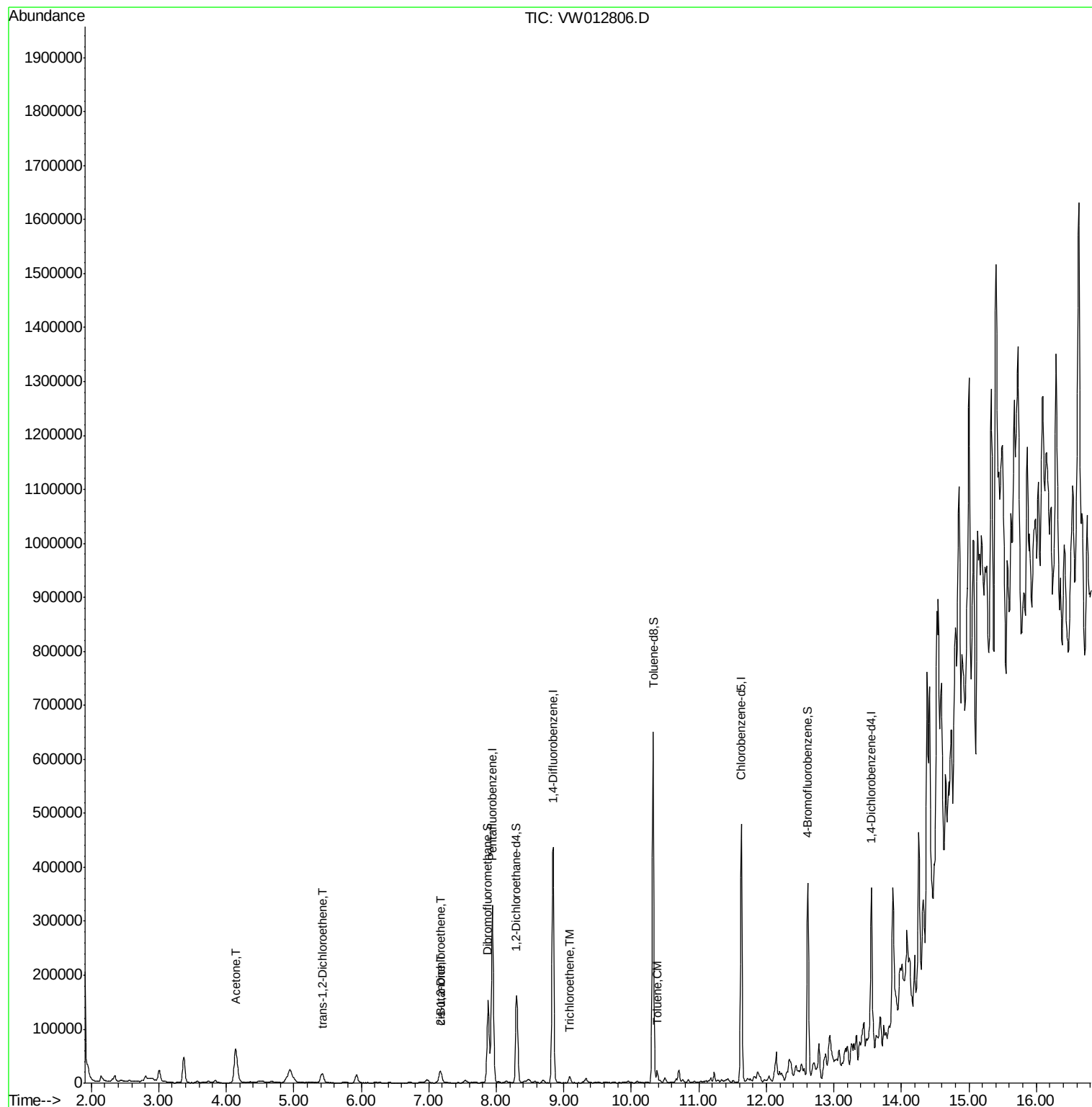
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	83383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	136714	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
35) Dibromofluoromethane	7.88	113	107539	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
50) Toluene-d8	10.32	98	408694	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.61	95	102799	34.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.58%	
Target Compounds						
16) Acetone	4.13	43	144153	194.772	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	3625	1.771	ug/l	86
25) 2-Butanone	7.18	43	26037	41.692	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	4279	1.802	ug/l	90
44) Trichloroethene	9.09	130	3589	1.593	ug/l	91
52) Toluene	10.38	92	9089	1.666	ug/l	98

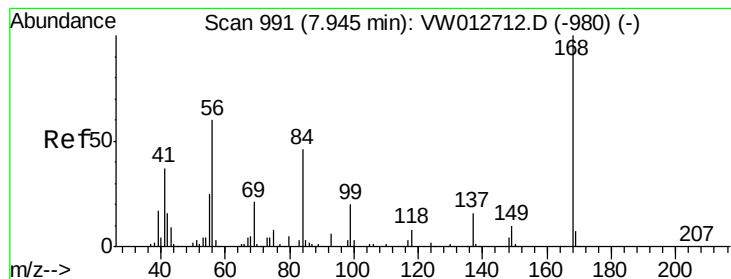
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012806.D

Acq: 09 Sep 2019 07:42

Instrument :

MSVOA_W

ClientSampleId :

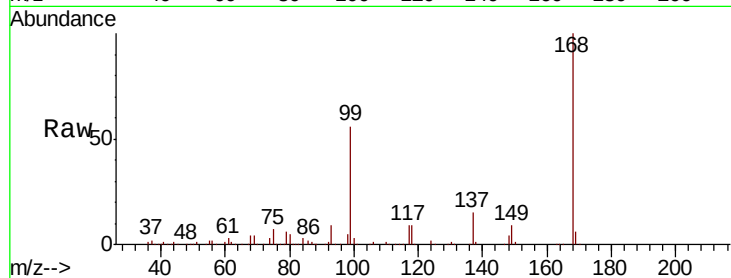
EAST-SIDE-WALL-3

Tgt Ion:168 Resp: 242973

Ion Ratio Lower Upper

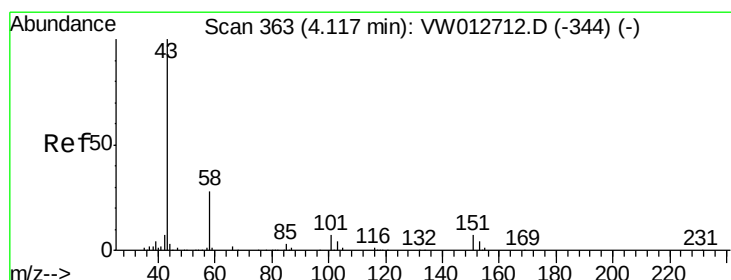
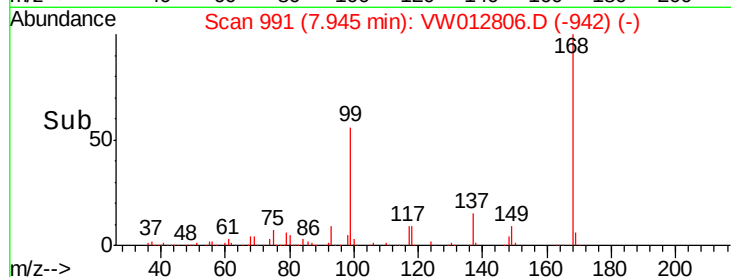
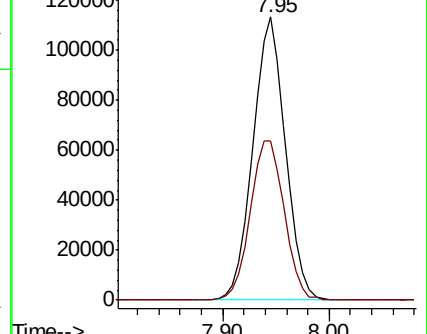
168 100

99 56.4 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: 194.772 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012806.D

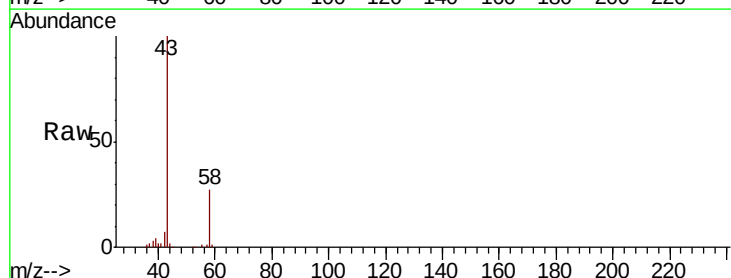
Acq: 09 Sep 2019 07:42

Tgt Ion: 43 Resp: 144153

Ion Ratio Lower Upper

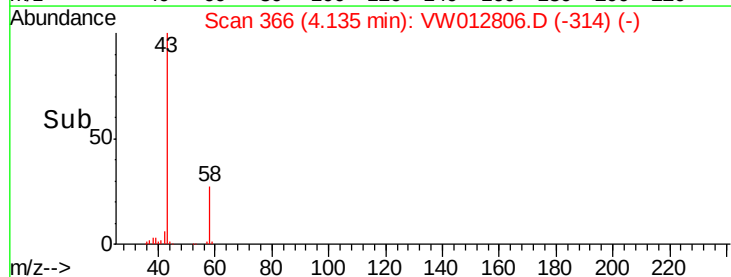
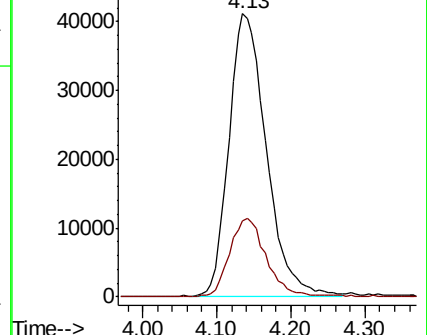
43 100

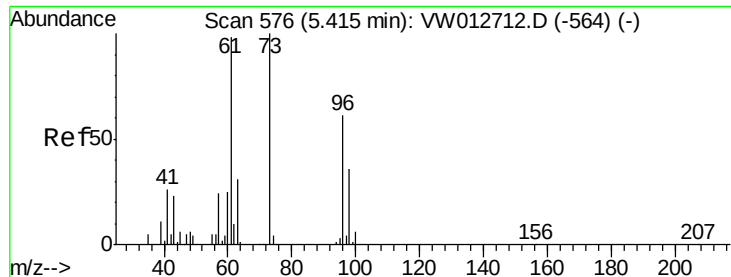
58 27.0 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#21

trans-1,2-Dichloroethene

Concen: 1.771 ug/l

RT: 5.41 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012806.D

Acq: 09 Sep 2019 07:42

Instrument :

MSVOA_W

ClientSampled :

EAST-SIDE-WALL-3

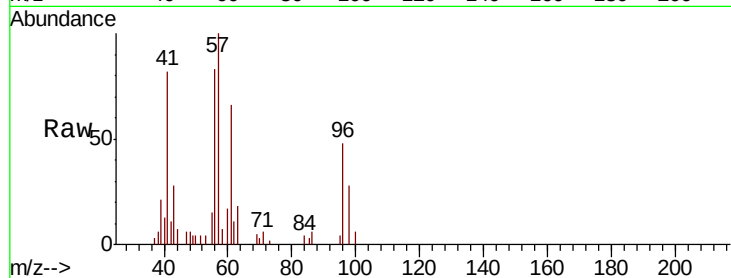
Tgt Ion: 96 Resp: 3625

Ion Ratio Lower Upper

96 100

61 137.0 129.2 193.8

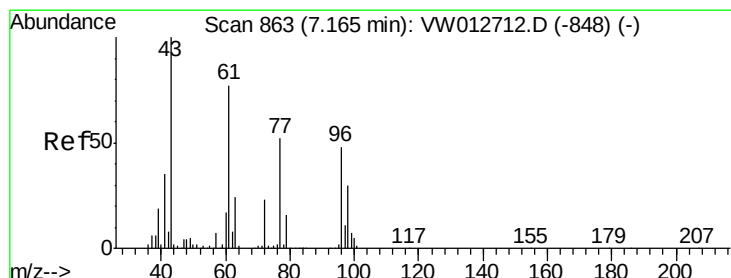
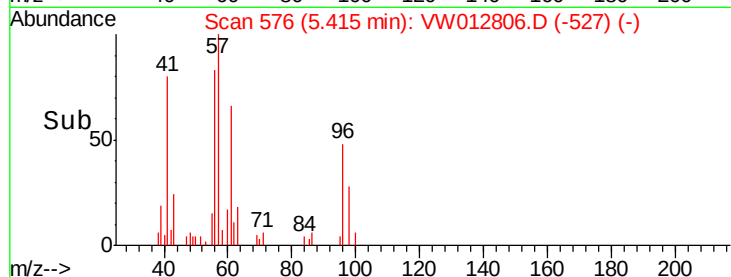
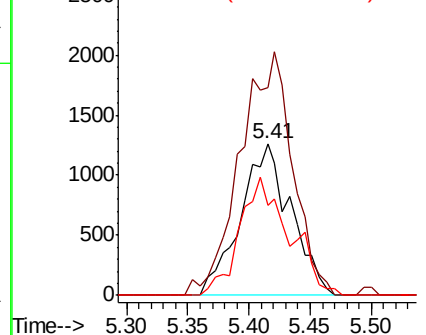
98 59.3 48.0 72.0



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



#25

2-Butanone

Concen: 41.692 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012806.D

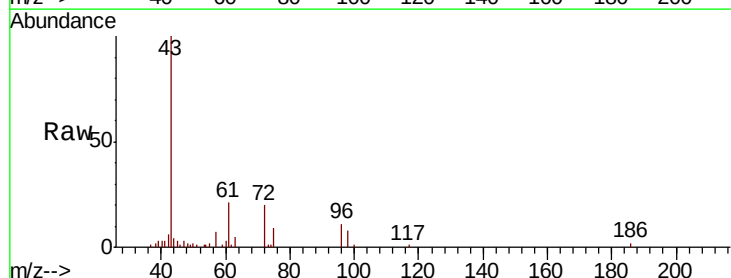
Acq: 09 Sep 2019 07:42

Tgt Ion: 43 Resp: 26037

Ion Ratio Lower Upper

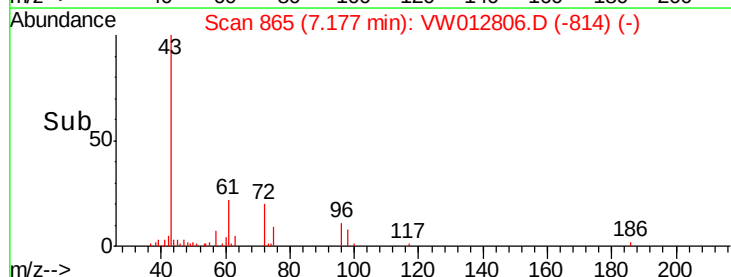
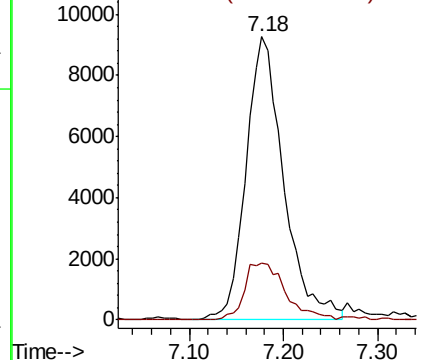
43 100

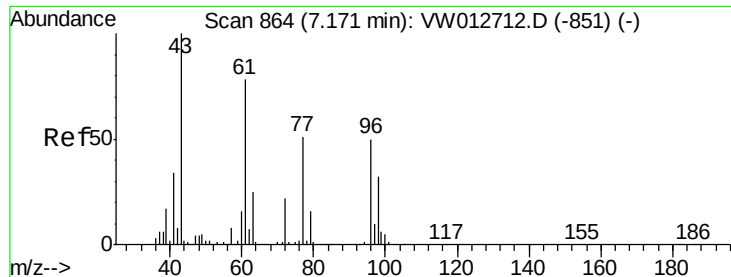
72 20.0 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



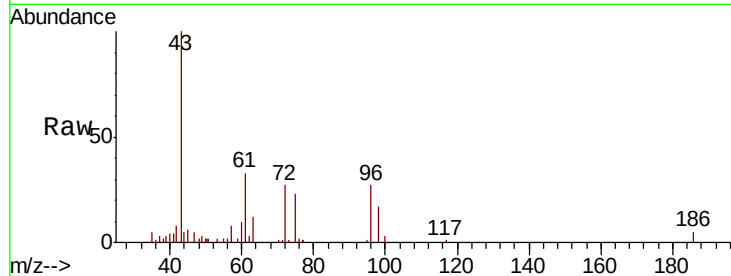


#27

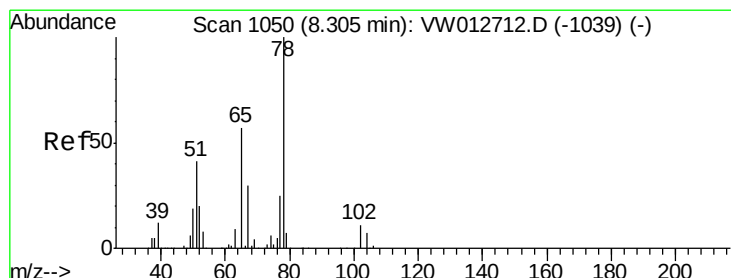
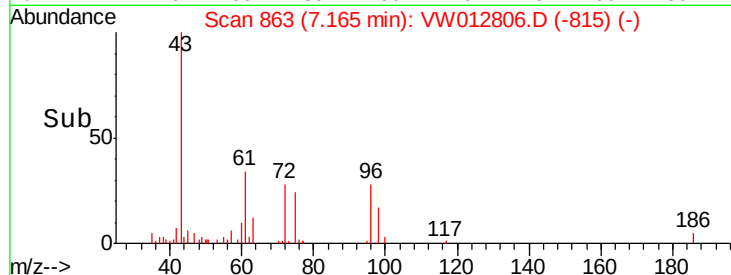
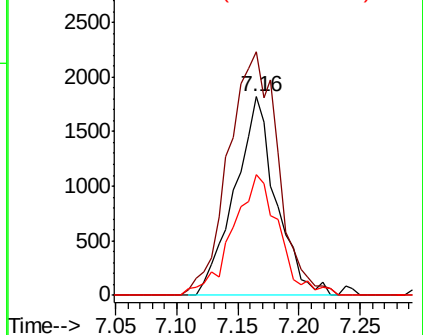
cis-1,2-Dichloroethene
 Concen: 1.802 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012806.D
 Acq: 09 Sep 2019 07:42

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

Tgt Ion: 96 Resp: 4279
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 325.8
 98 68.2 0.0 127.0



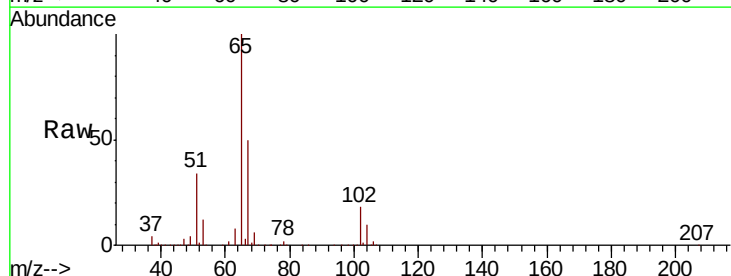
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



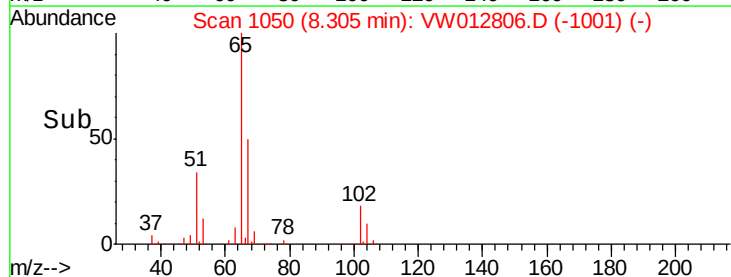
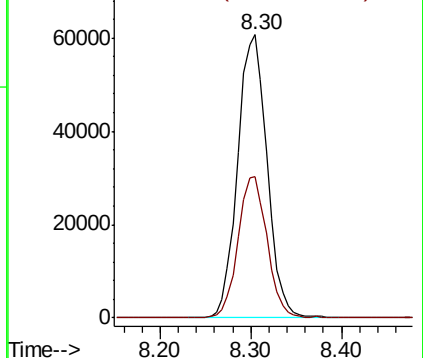
#33

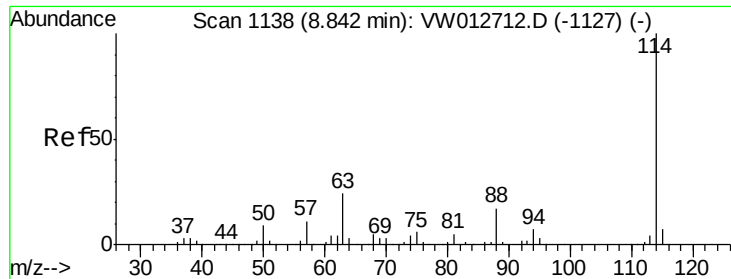
1,2-Dichloroethane-d4
 Concen: 50.359 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012806.D
 Acq: 09 Sep 2019 07:42

Tgt Ion: 65 Resp: 136714
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 101.8



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

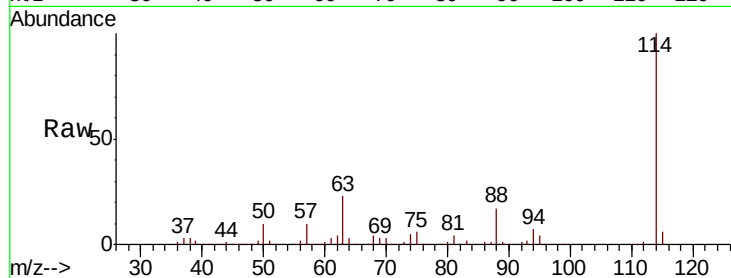




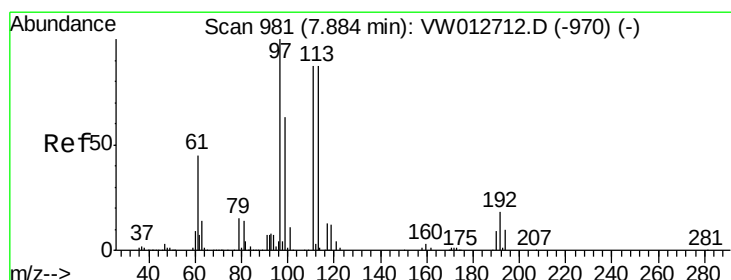
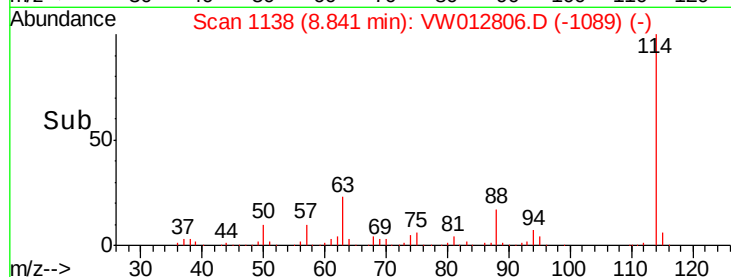
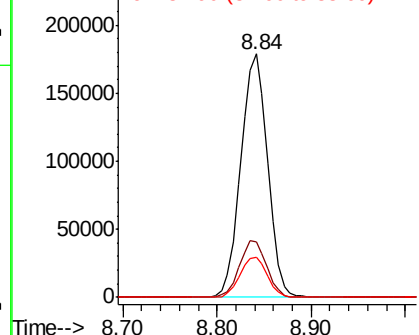
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012806.D
Acq: 09 Sep 2019 07:42

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

Tgt Ion:114 Resp: 354568
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.2
88 16.6 0.0 34.0

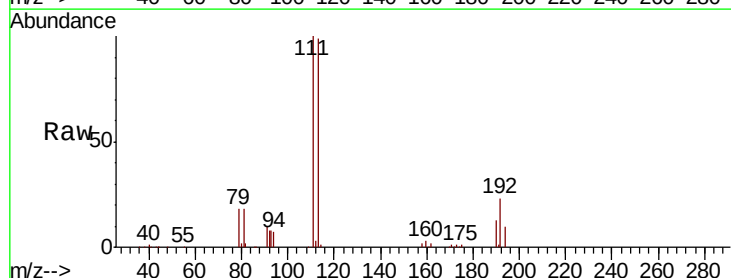


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

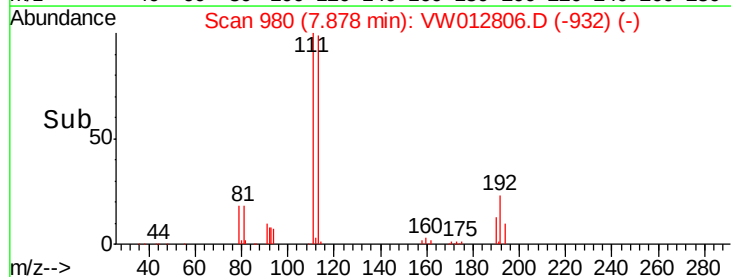
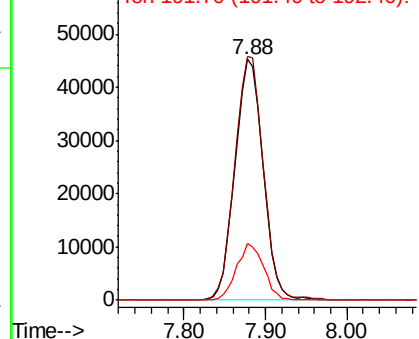


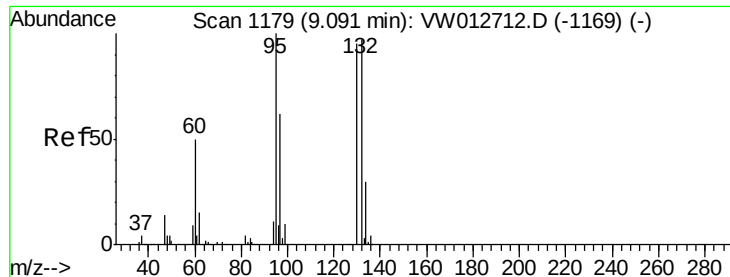
#35
Dibromofluoromethane
Concen: 51.015 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012806.D
Acq: 09 Sep 2019 07:42

Tgt Ion:113 Resp: 107539
Ion Ratio Lower Upper
113 100
111 101.8 80.2 120.4
192 22.7 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: 1.593 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012806.D

Acq: 09 Sep 2019 07:42

Instrument :

MSVOA_W

ClientSampleId :

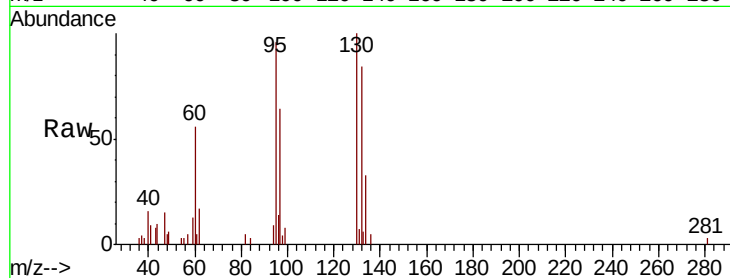
EAST-SIDE-WALL-3

Tgt Ion:130 Resp: 3589

Ion Ratio Lower Upper

130 100

95 96.3 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

9.09

2000

1500

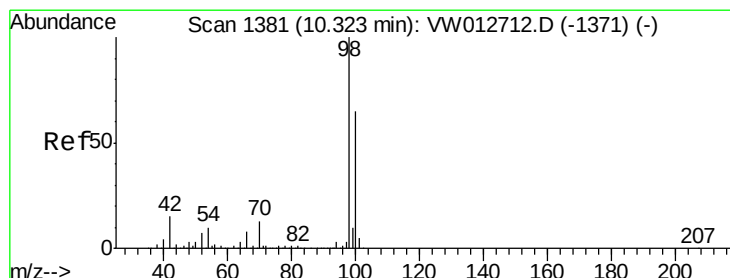
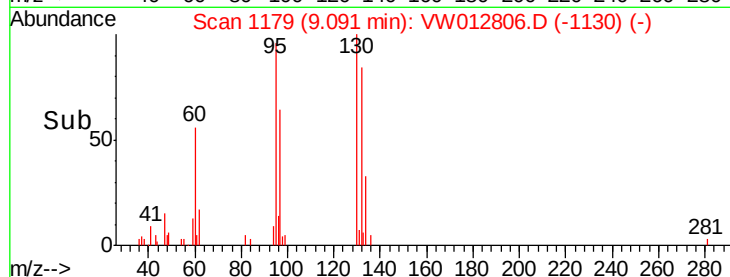
1000

500

0

9.05 9.10 9.15

Time-->



#50

Toluene-d8

Concen: 49.487 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012806.D

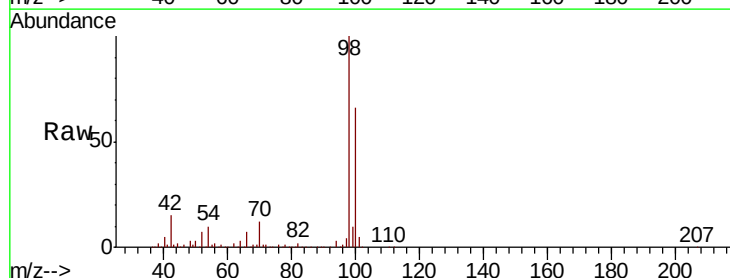
Acq: 09 Sep 2019 07:42

Tgt Ion: 98 Resp: 408694

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

150000

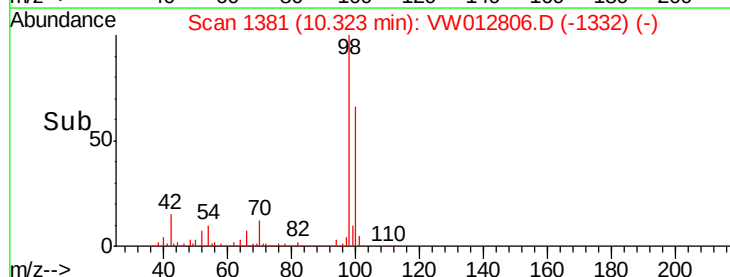
100000

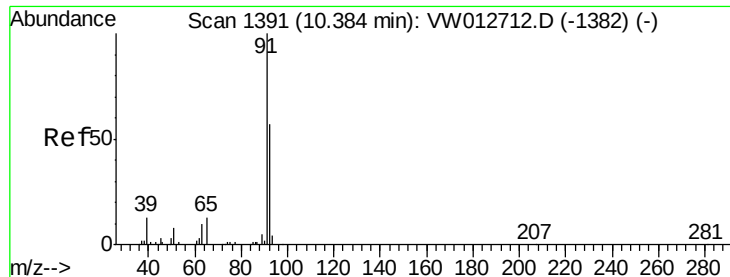
50000

0

10.20 10.30 10.40

Time-->





#52

Toluene

Concen: 1.666 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012806.D

Acq: 09 Sep 2019 07:42

Instrument :

MSVOA_W

ClientSampleId :

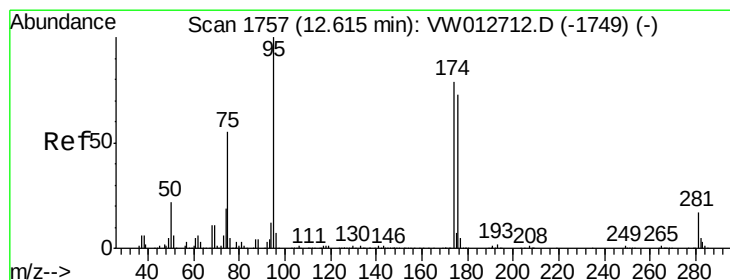
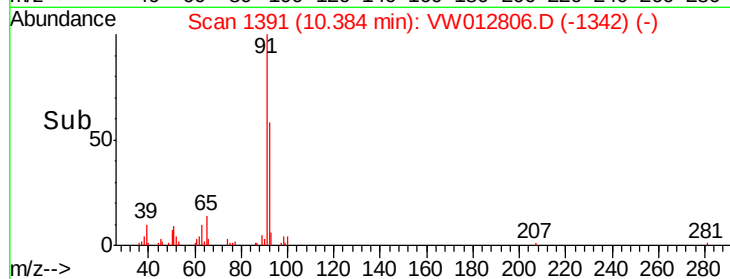
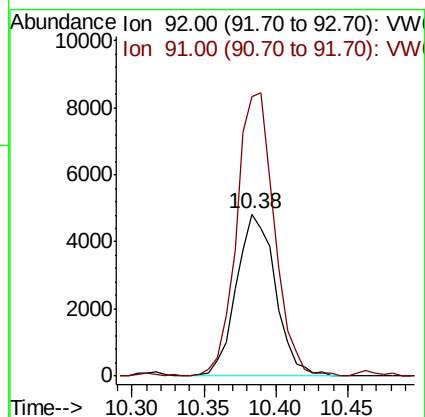
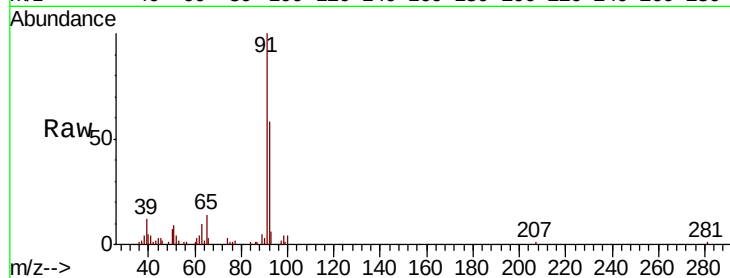
EAST-SIDE-WALL-3

Tgt Ion: 92 Resp: 9089

Ion Ratio Lower Upper

92 100

91 168.6 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 34.287 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012806.D

Acq: 09 Sep 2019 07:42

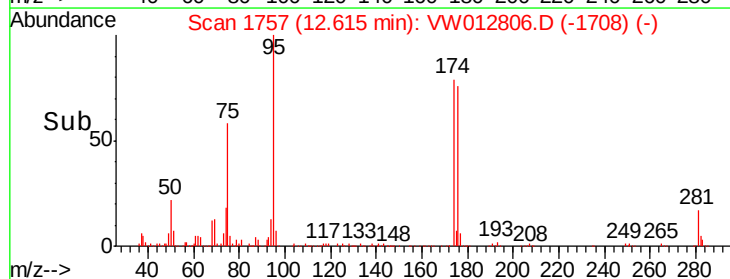
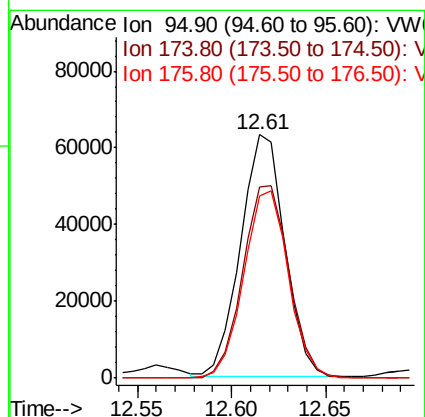
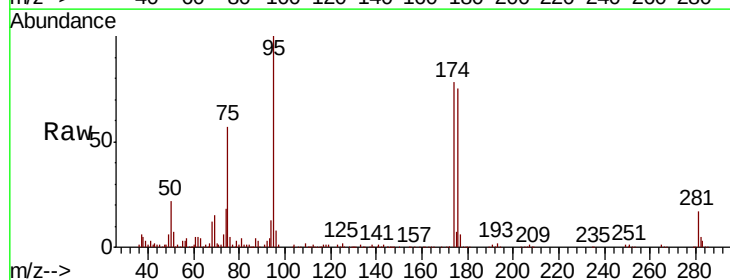
Tgt Ion: 95 Resp: 102799

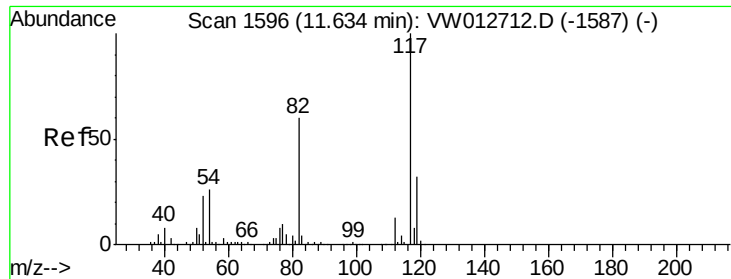
Ion Ratio Lower Upper

95 100

174 83.1 0.0 161.0

176 78.3 0.0 156.4

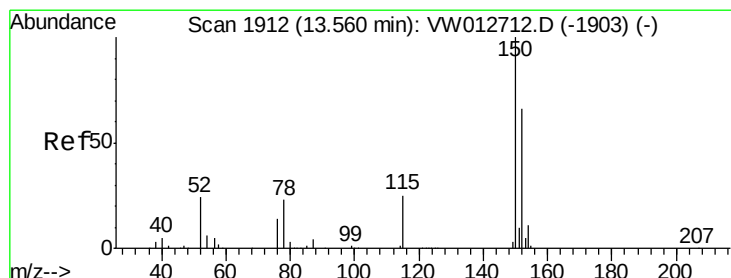
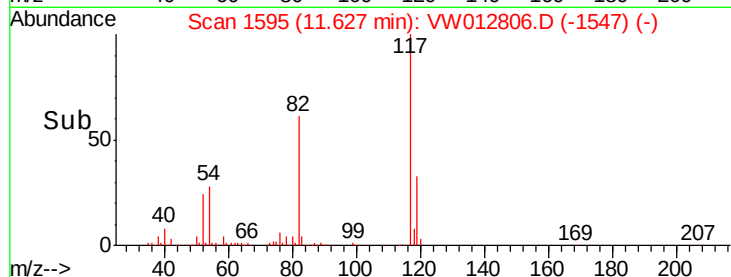
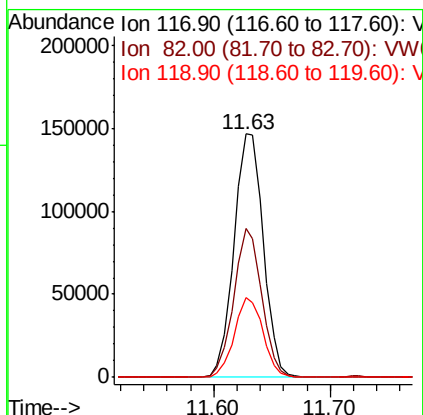
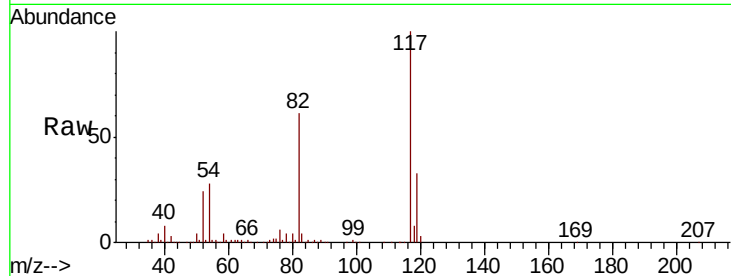




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012806.D
Acq: 09 Sep 2019 07:42

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

Tgt Ion:117 Resp: 258264
Ion Ratio Lower Upper
117 100
82 61.1 48.2 72.4
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012806.D
Acq: 09 Sep 2019 07:42

Tgt Ion:152 Resp: 83383
Ion Ratio Lower Upper
152 100
115 55.6 30.0 90.1
150 142.6 0.0 349.0

