

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012871.D
 Acq On : 10 Sep 2019 15:33
 Operator : SY/VA
 Sample : K4570-04
 Misc : 6.07G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOUTH-AVENUE-4-ABCD

Quant Time: Sep 12 03:30:20 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

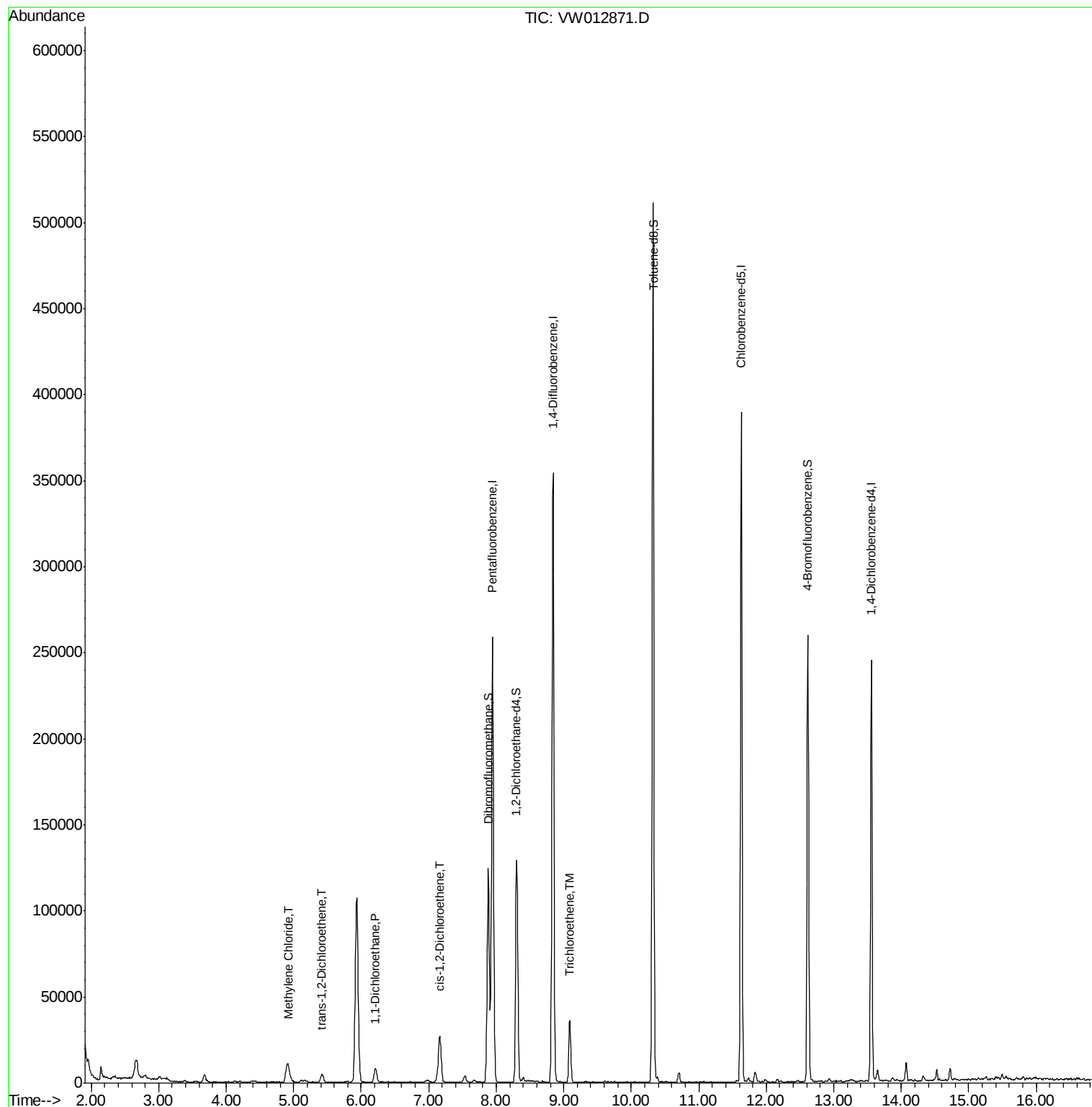
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	294483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	212519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	66302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	107943	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	7.88	113	88148	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	10.32	98	333126	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.62	95	81228	32.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.24%	
Target Compounds						
20) Methylene Chloride	4.92	84	9665	5.048	ug/l #	79
21) trans-1,2-Dichloroethene	5.42	96	2751	1.625	ug/l	90
24) 1,1-Dichloroethane	6.21	63	11213	3.059	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	14594	7.435	ug/l	87
44) Trichloroethene	9.09	130	12792	6.836	ug/l	94

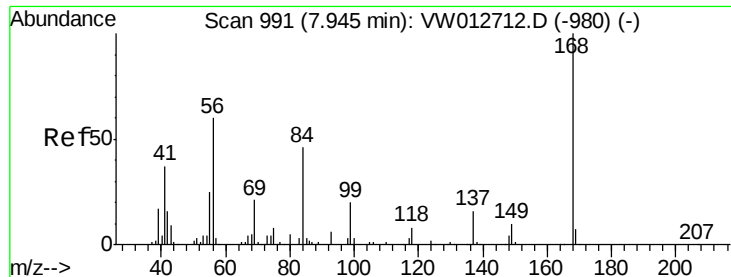
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091019\
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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 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: VW012871.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

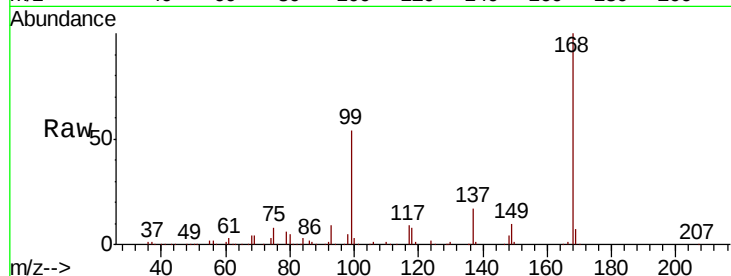
SOUTH-AVENUE-4-ABCD

Tot Ion:168 Resp: 200905

Ion Ratio Lower Upper

168 100

99 54.4 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

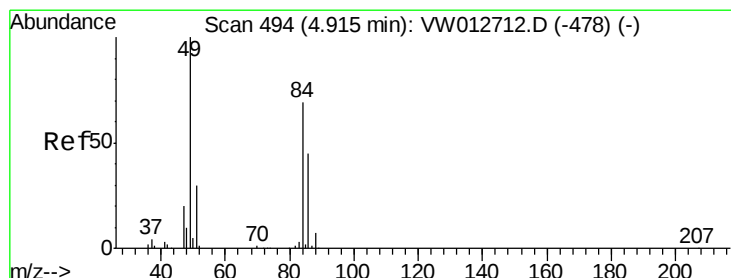
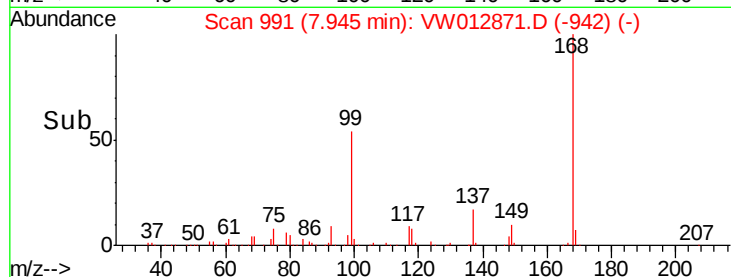
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.048 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW012871.D

Acq: 10 Sep 2019 15:33

Tgt Ion: 84 Resp: 9665

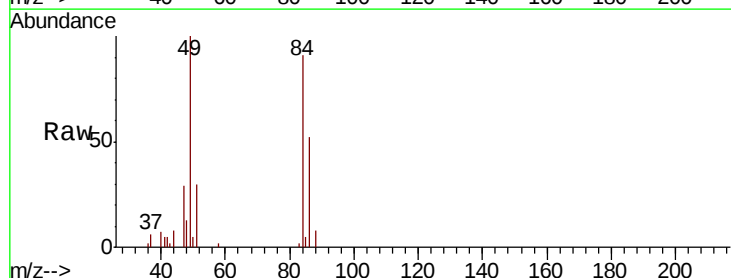
Ion Ratio Lower Upper

84 100

49 110.3 115.4 173.0#

51 32.9 34.9 52.3#

86 57.8 52.2 78.4



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

5000

4000

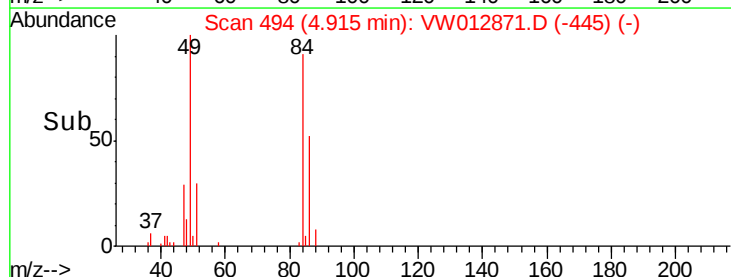
3000

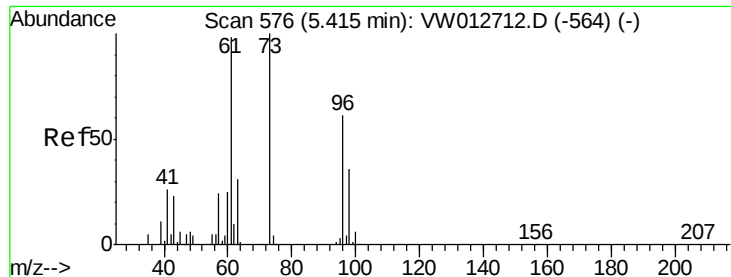
2000

1000

0

Time--> 4.80 4.90 5.00





#21

trans-1,2-Dichloroethene

Concen: 1.625 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012871.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

SOUTH-AVENUE-4-ABCD

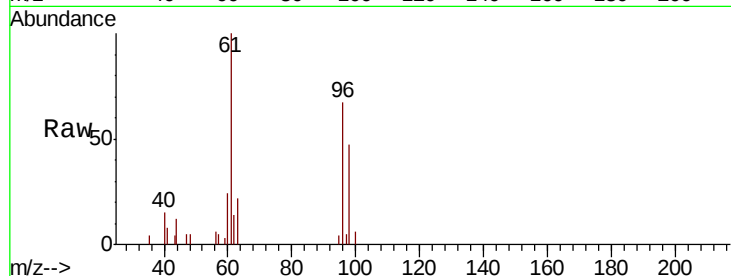
Tot Ion: 96 Resp: 2751

Ion Ratio Lower Upper

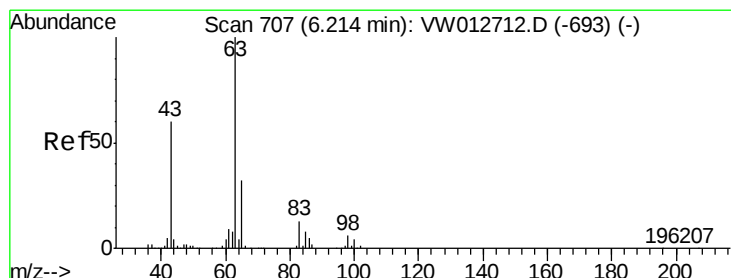
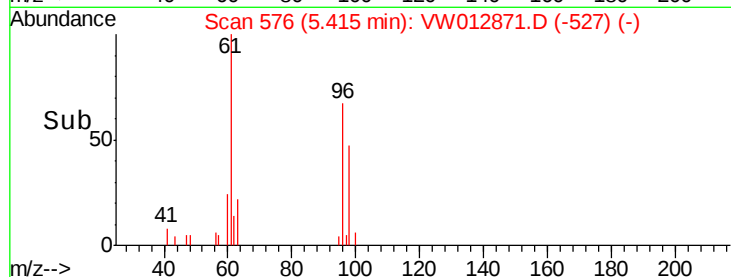
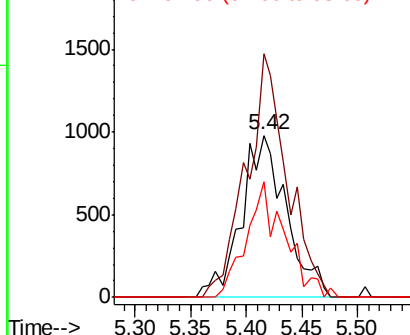
96 100

61 150.1 129.2 193.8

98 71.2 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



#24

1,1-Dichloroethane

Concen: 3.059 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012871.D

Acq: 10 Sep 2019 15:33

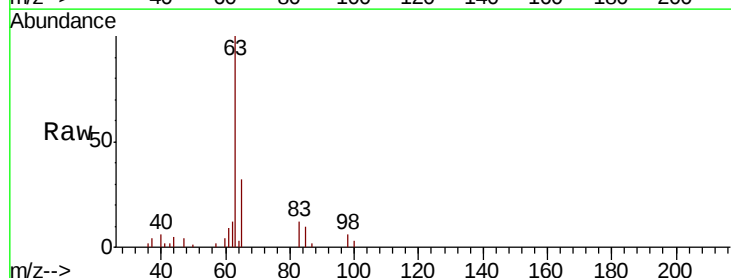
Tgt Ion: 63 Resp: 11213

Ion Ratio Lower Upper

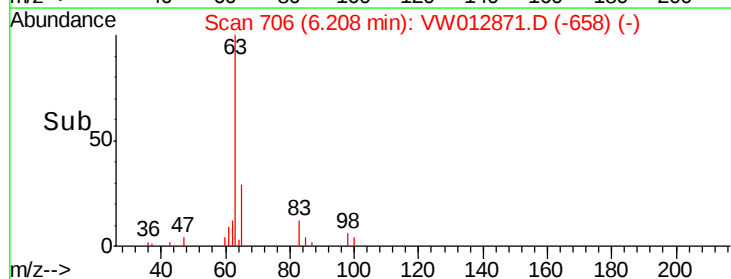
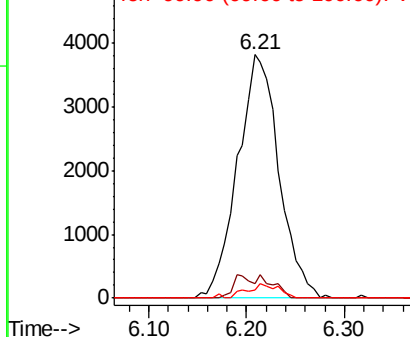
63 100

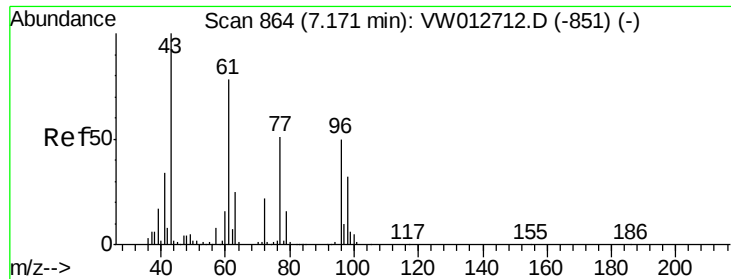
98 5.9 3.1 9.3

100 3.5 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



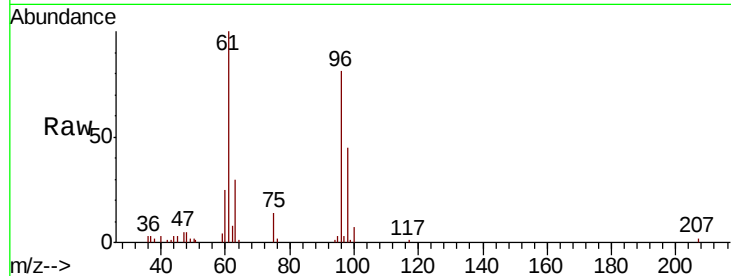


#27

cis-1,2-Dichloroethene
 Concen: 7.435 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012871.D
 Acq: 10 Sep 2019 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 SOUTH-AVENUE-4-ABCD

Tot Ion	96	Resp	14594
Ion	Ratio	Lower	Upper
96	100		
61	140.6	0.0	325.8
98	65.2	0.0	127.0

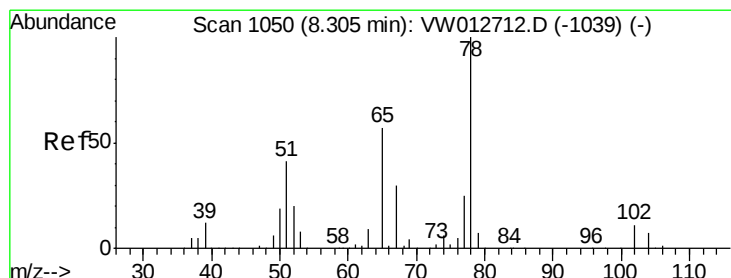
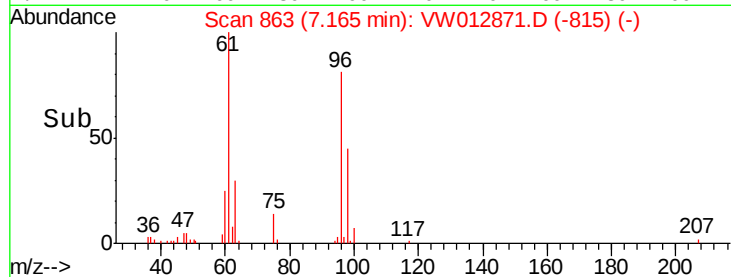
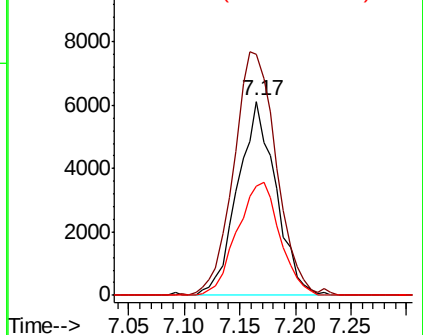


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

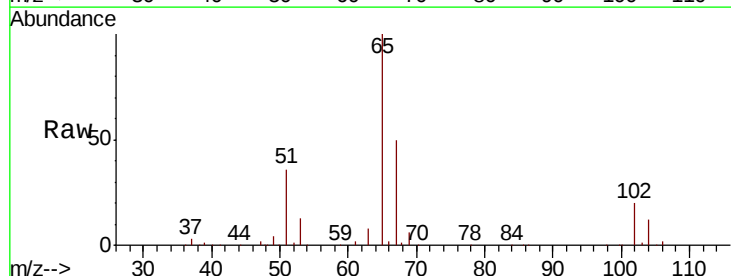
Ion 97.90 (97.60 to 98.60): VW



#33

1,2-Dichloroethane-d4
 Concen: 48.086 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012871.D
 Acq: 10 Sep 2019 15:33

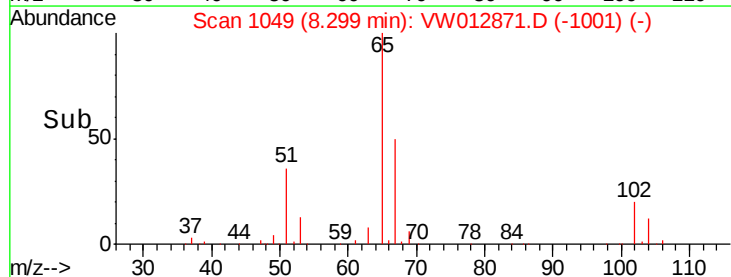
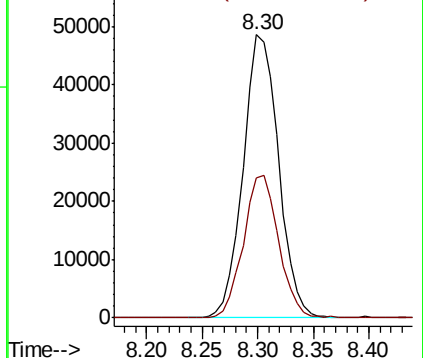
Tgt Ion	65	Resp	107943
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	101.8

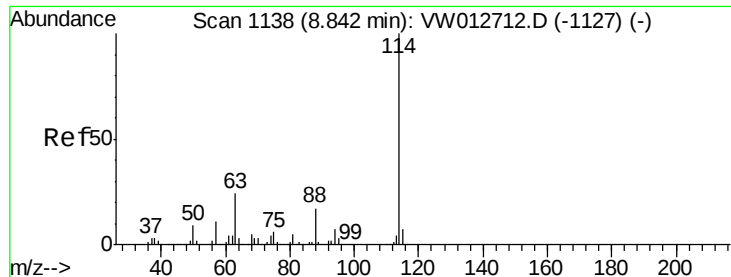


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

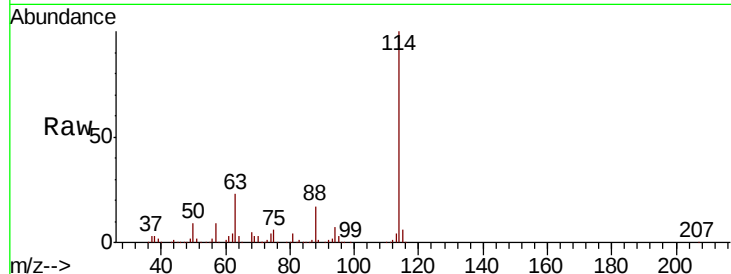




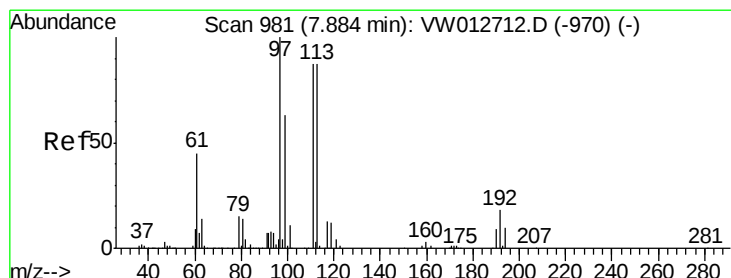
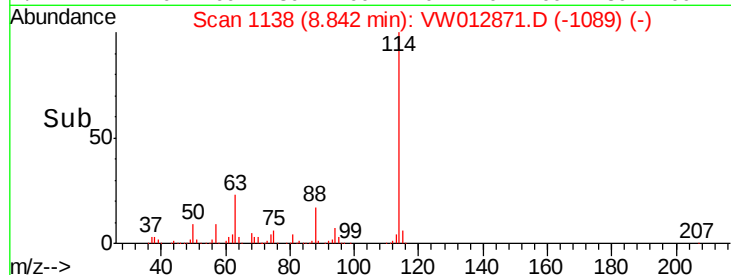
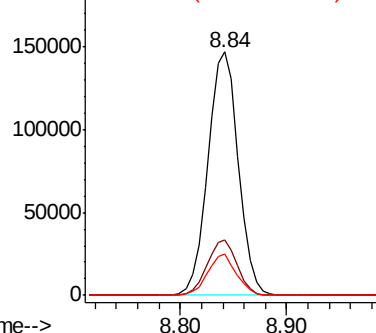
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012871.D
 Acq: 10 Sep 2019 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 SOUTH-AVENUE-4-ABCD

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	47.2
88	16.8	0.0	34.0

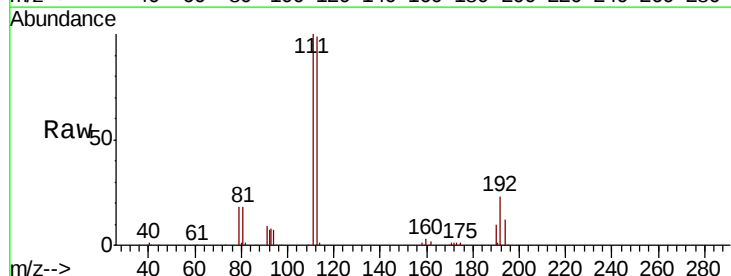


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

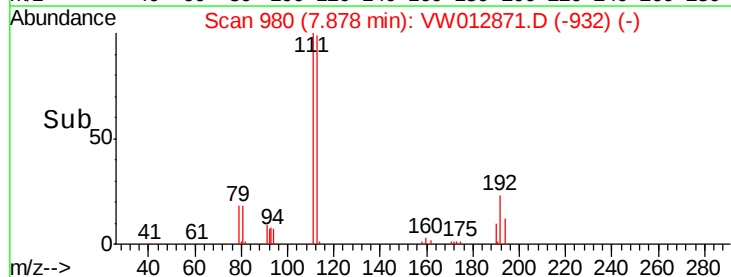
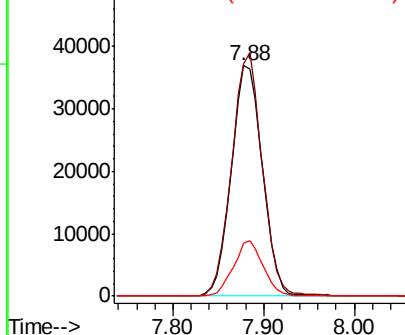


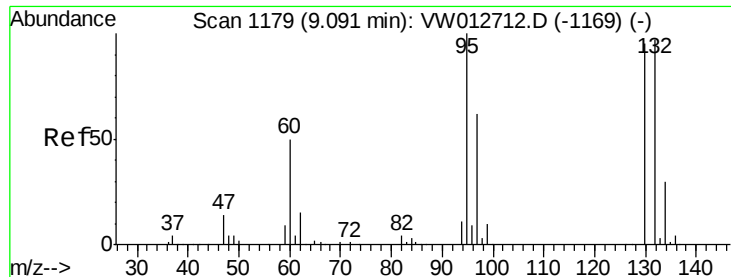
#35
 Dibromofluoromethane
 Concen: 50.348 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012871.D
 Acq: 10 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.2	120.4
192	22.9	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: 6.836 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012871.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

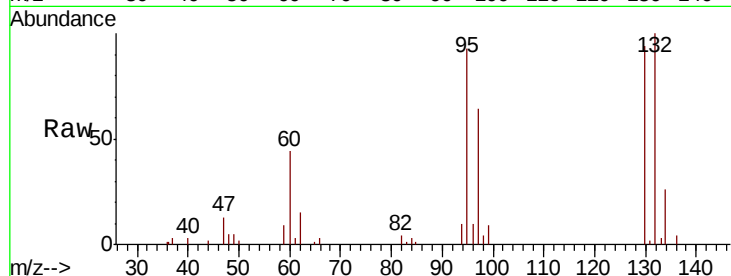
SOUTH-AVENUE-4-ABCD

Tot Ion:130 Resp: 12792

Ion Ratio Lower Upper

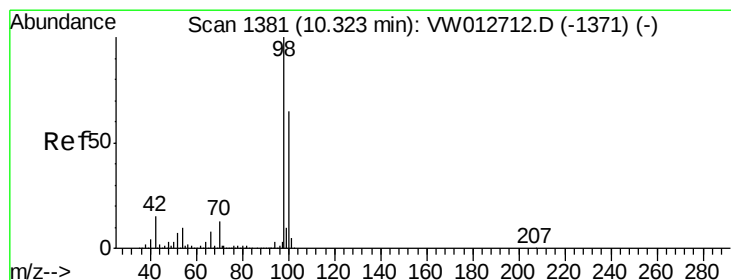
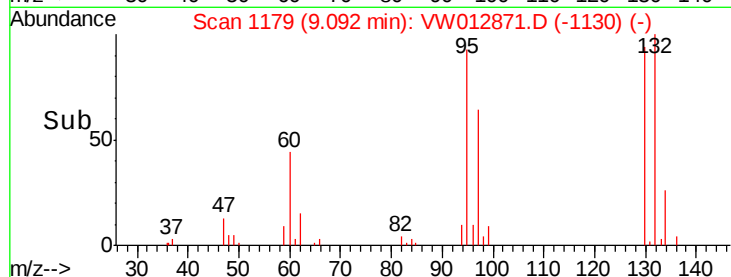
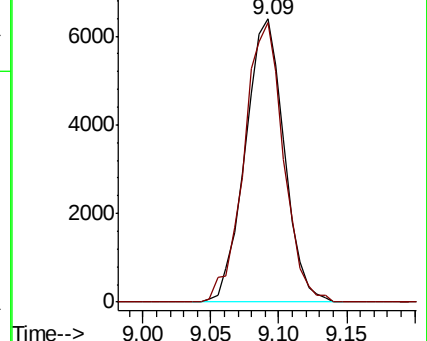
130 100

95 98.6 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: 48.567 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012871.D

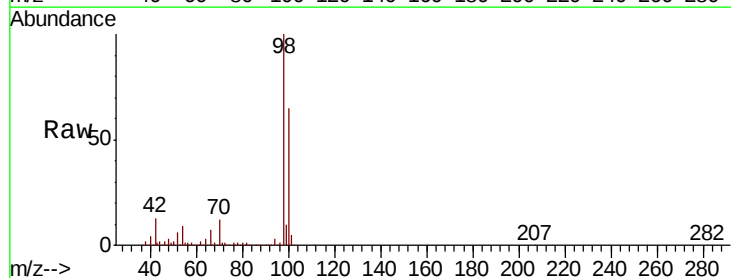
Acq: 10 Sep 2019 15:33

Tgt Ion: 98 Resp: 333126

Ion Ratio Lower Upper

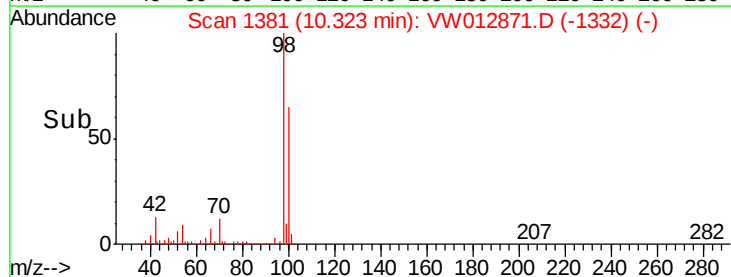
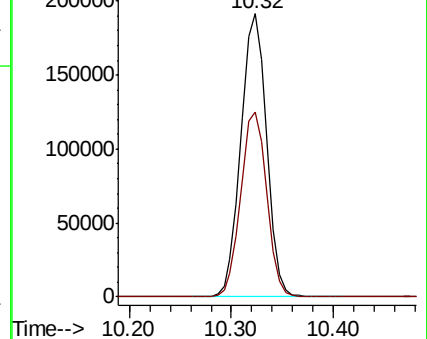
98 100

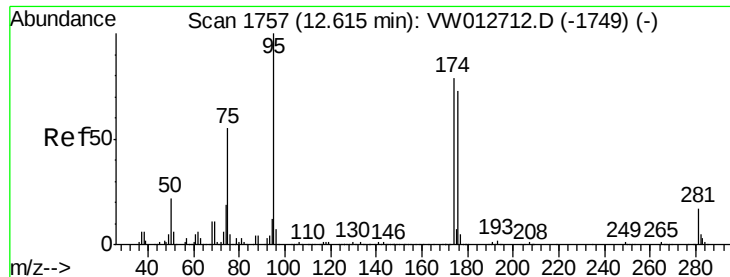
100 66.0 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 32.621 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012871.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

SOUTH-AVENUE-4-ABCD

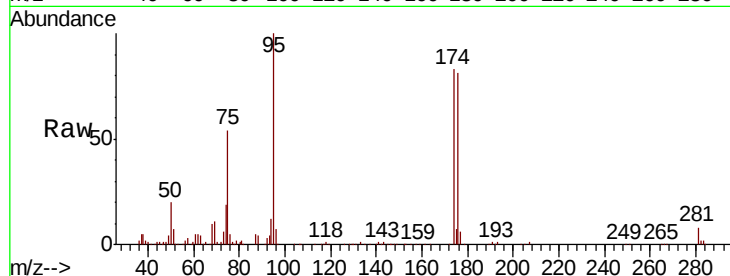
Tot Ion: 95 Resp: 81228

Ion Ratio Lower Upper

95 100

174 85.8 0.0 161.0

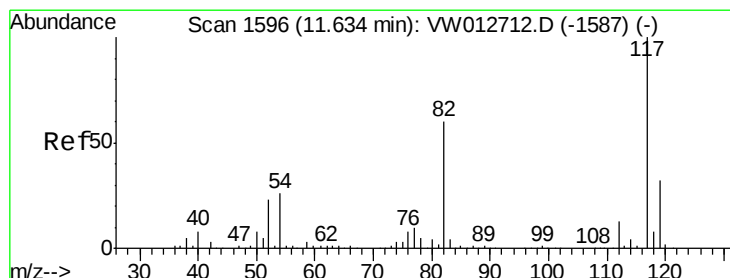
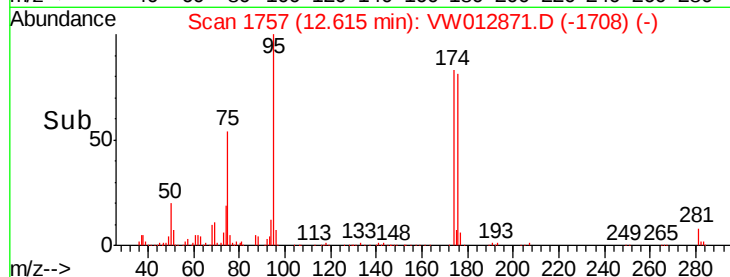
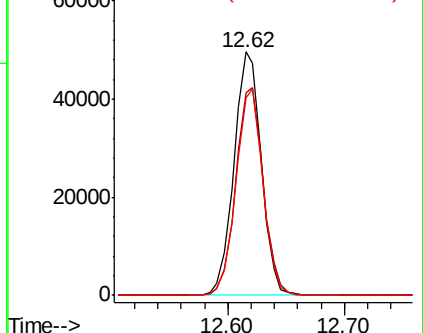
176 83.2 0.0 156.4



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: VW012871.D

Acq: 10 Sep 2019 15:33

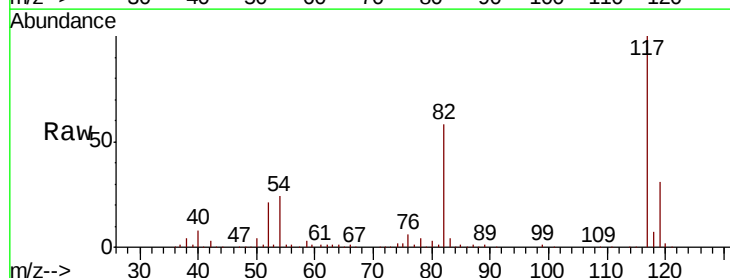
Tgt Ion: 117 Resp: 212519

Ion Ratio Lower Upper

117 100

82 57.6 48.2 72.4

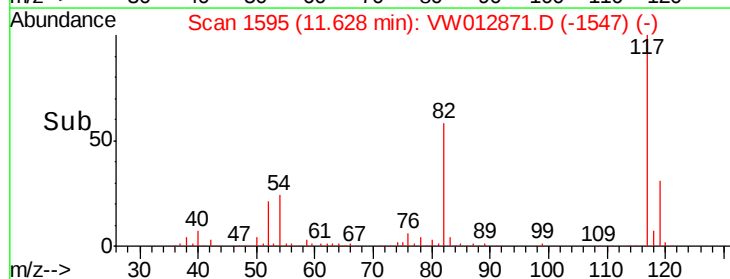
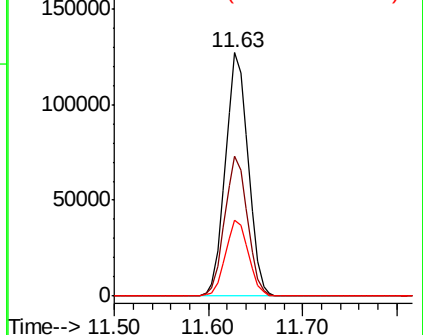
119 31.0 25.8 38.6

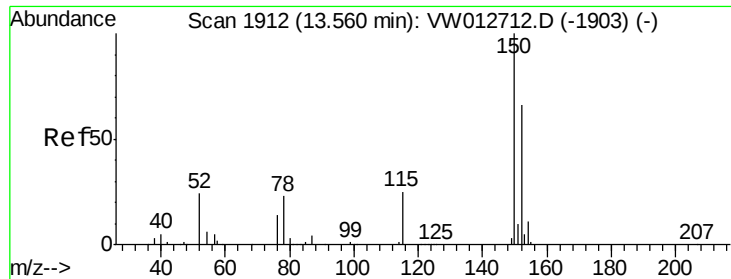


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012871.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

SOUTH-AVENUE-4-ABCD

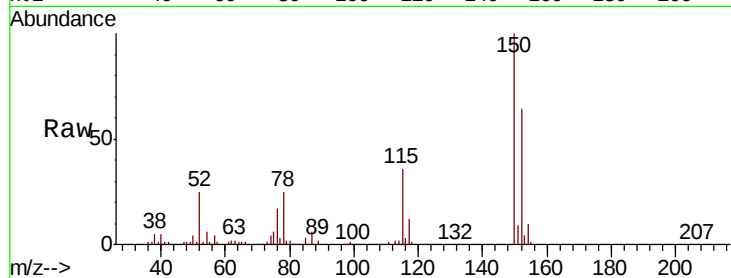
Tot Ion:152 Resp: 66302

Ion Ratio Lower Upper

152 100

115 56.7 30.0 90.1

150 154.7 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

