

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012818.D
 Acq On : 09 Sep 2019 13:49
 Operator : SY/VA
 Sample : K4760-09
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Sep 09 14:21:49 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

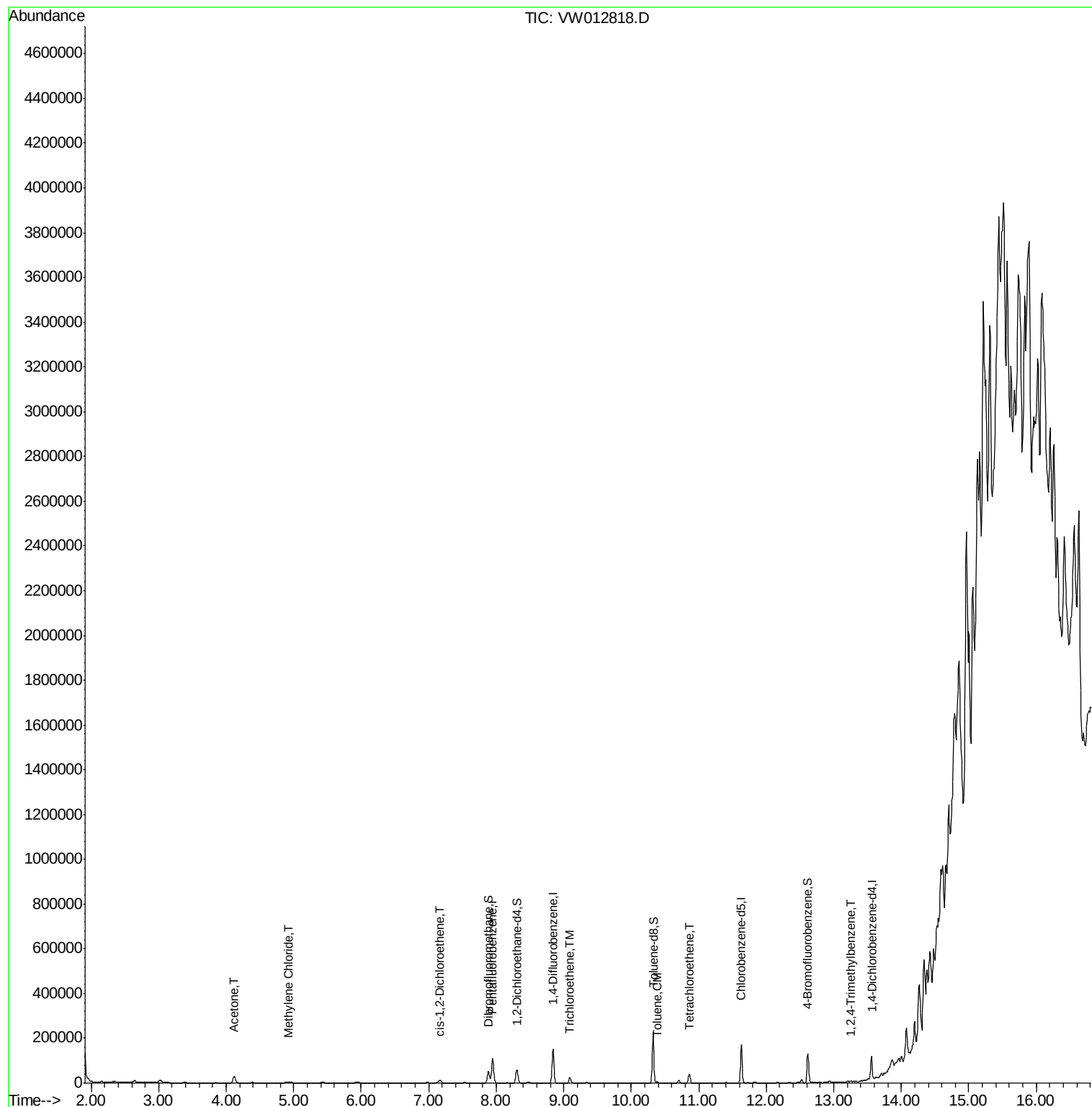
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	83231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	93943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	29011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	48884	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	7.88	113	38546	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	10.32	98	143540	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.62	95	38699	36.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.94%	
Target Compounds						
16) Acetone	4.12	43	53775	212.107	ug/l	96
20) Methylene Chloride	4.91	84	1895	2.389	ug/l #	88
27) cis-1,2-Dichloroethene	7.17	96	5548	6.822	ug/l	88
44) Trichloroethene	9.09	130	7966	10.128	ug/l	97
52) Toluene	10.38	92	2501	1.313	ug/l	96
64) Tetrachloroethene	10.87	164	9394	16.480	ug/l	95
84) 1,2,4-Trimethylbenzene	13.24	105	3528	1.997	ug/l	94

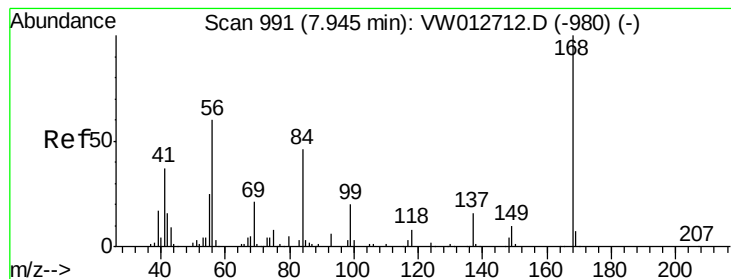
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012818.D

Acq: 09 Sep 2019 13:49

Instrument :

MSVOA_W

ClientSampleId :

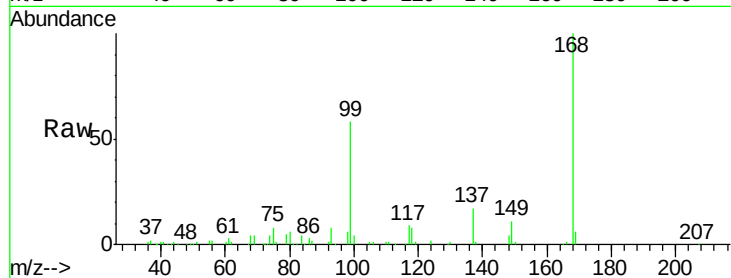
WEST-SIDE-WALL-2

Tot Ion:168 Resp: 83231

Ion Ratio Lower Upper

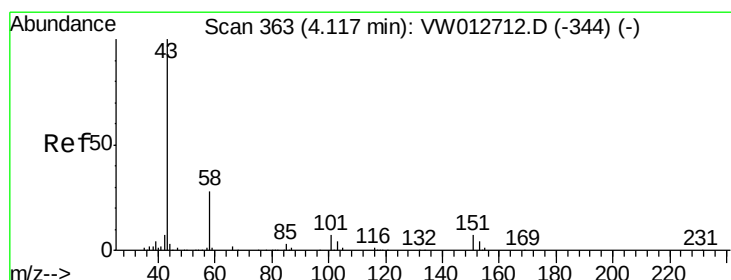
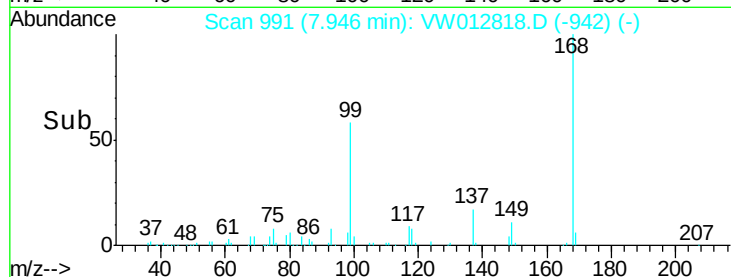
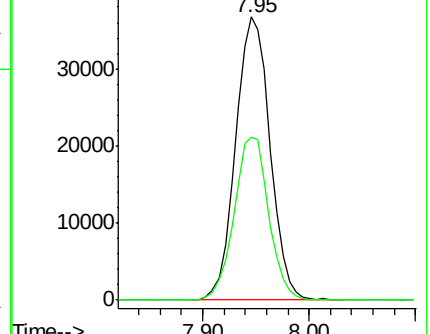
168 100

99 57.5 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: 212.107 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW012818.D

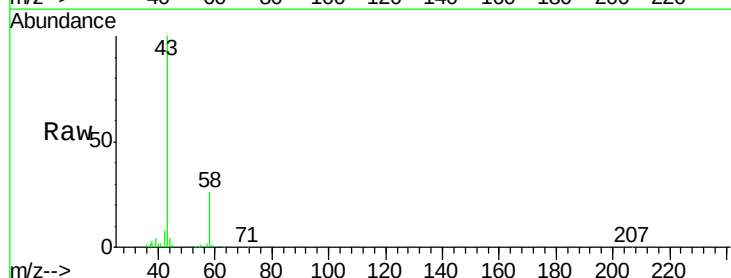
Acq: 09 Sep 2019 13:49

Tgt Ion: 43 Resp: 53775

Ion Ratio Lower Upper

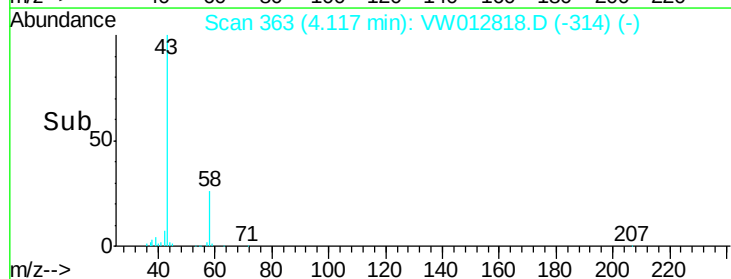
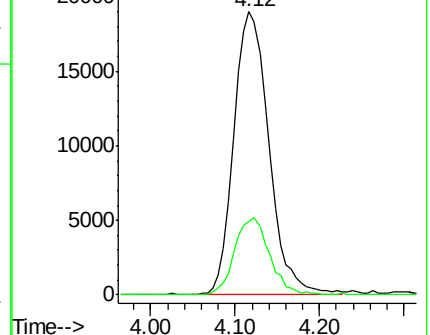
43 100

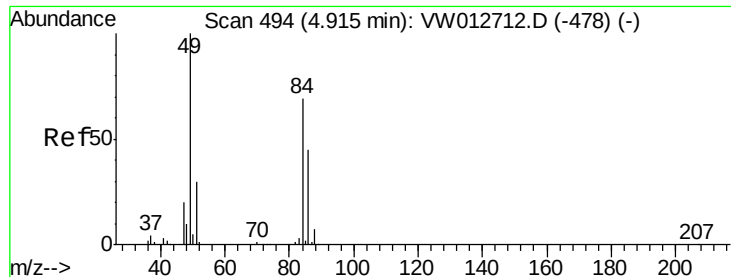
58 26.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

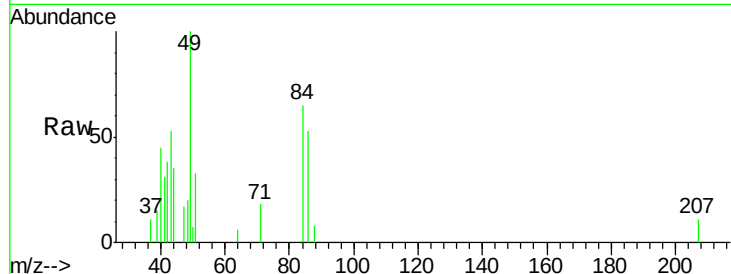




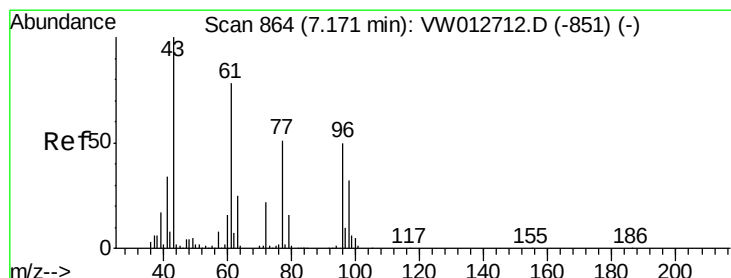
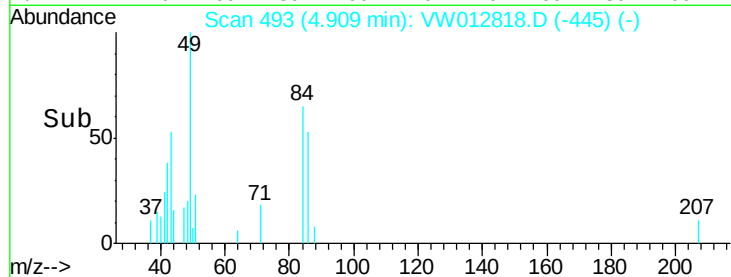
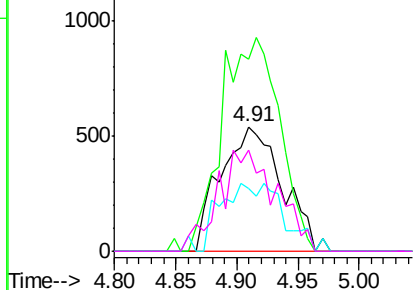
#20
Methylene Chloride
Concen: 2.389 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012818.D
Acq: 09 Sep 2019 13:49

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

Tot Ion: 84 Resp: 1895
Ion Ratio Lower Upper
84 100
49 154.3 115.4 173.0
51 50.2 34.9 52.3
86 81.5 52.2 78.4#

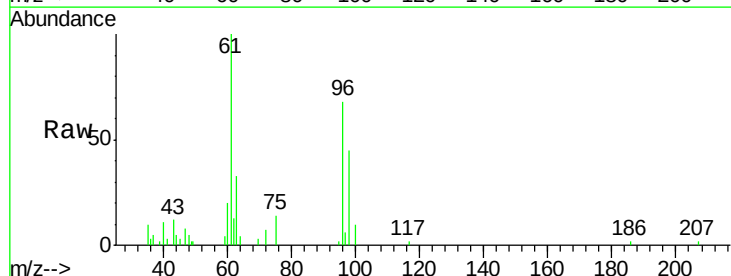


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

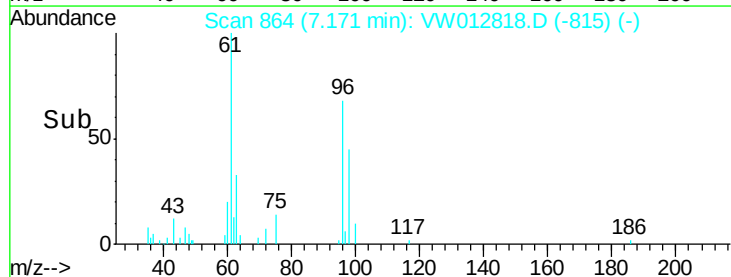
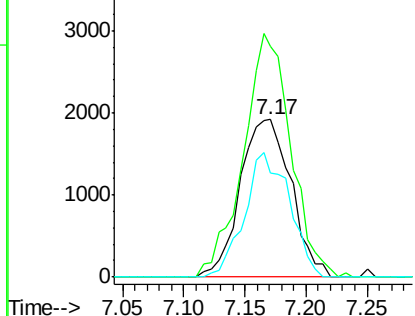


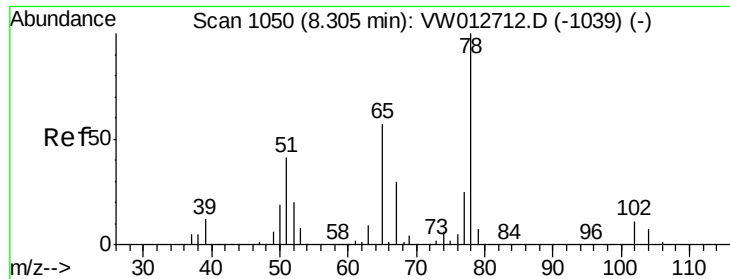
#27
cis-1,2-Dichloroethene
Concen: 6.822 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW012818.D
Acq: 09 Sep 2019 13:49

Tgt Ion: 96 Resp: 5548
Ion Ratio Lower Upper
96 100
61 144.3 0.0 325.8
98 69.7 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

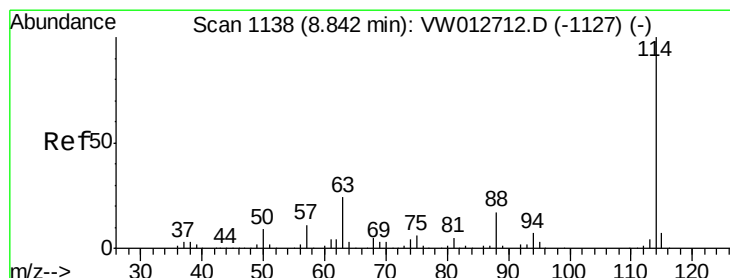
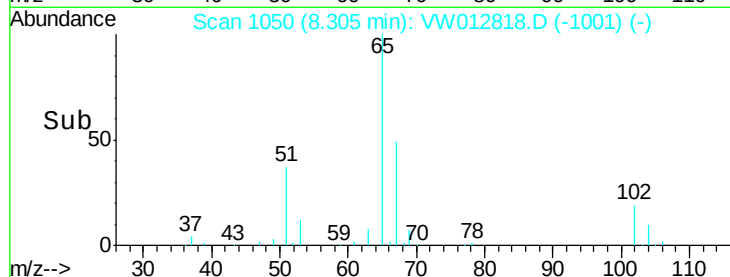
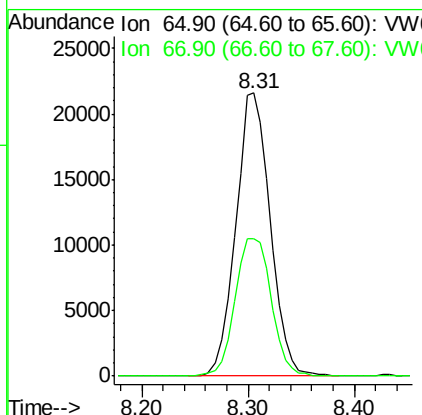
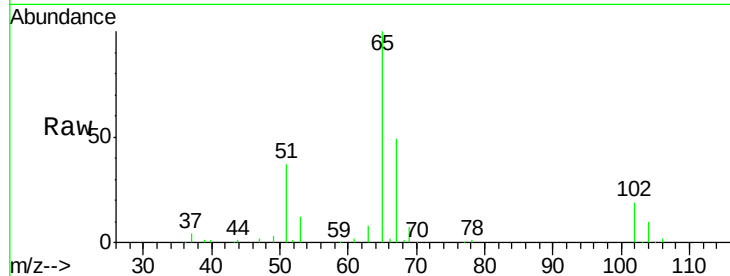




#33
 1,2-Dichloroethane-d4
 Concen: 52.565 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012818.D
 Acq: 09 Sep 2019 13:49

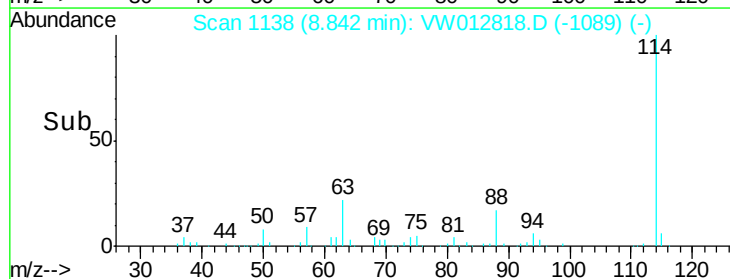
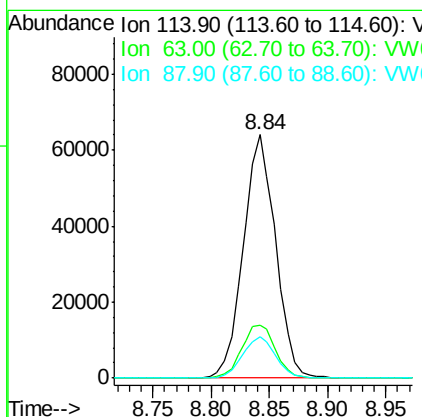
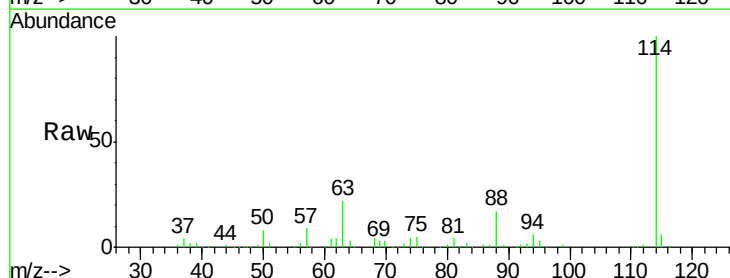
Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-2

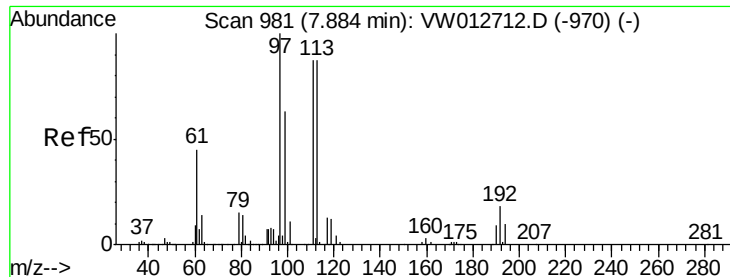
Tot Ion: 65 Resp: 48884
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012818.D
 Acq: 09 Sep 2019 13:49

Tgt Ion: 114 Resp: 123779
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 47.2
 88 17.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 52.379 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012818.D

Acq: 09 Sep 2019 13:49

Instrument :

MSVOA_W

ClientSampleId :

WEST-SIDE-WALL-2

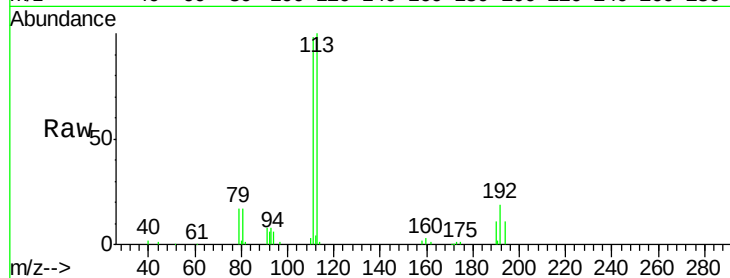
Tot Ion:113 Resp: 38546

Ion Ratio Lower Upper

113 100

111 101.5 80.2 120.4

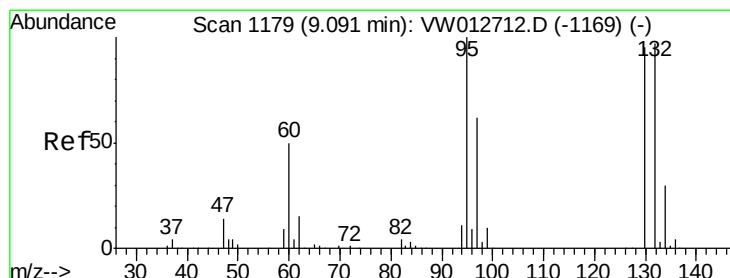
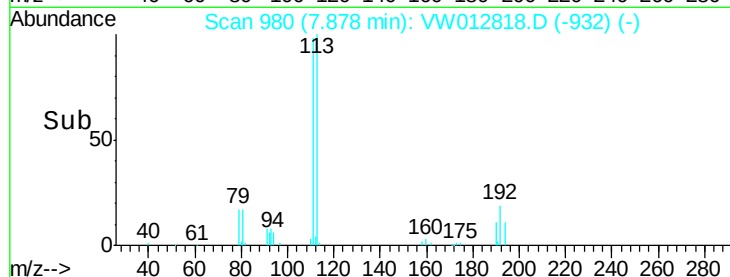
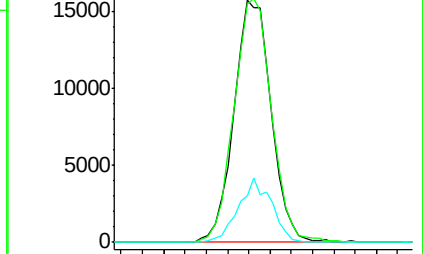
192 23.4 17.3 25.9



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: 10.128 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW012818.D

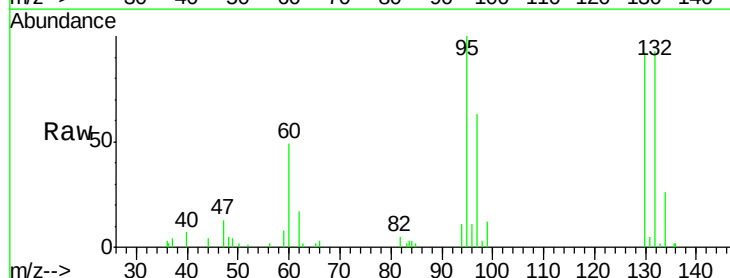
Acq: 09 Sep 2019 13:49

Tgt Ion:130 Resp: 7966

Ion Ratio Lower Upper

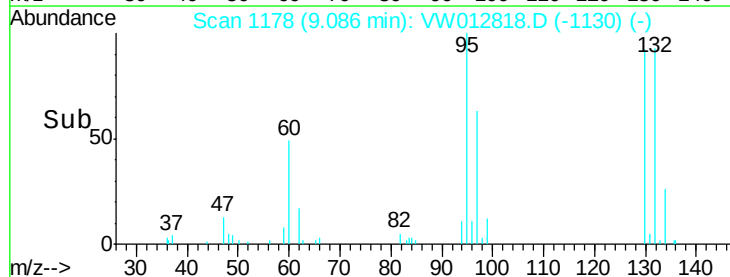
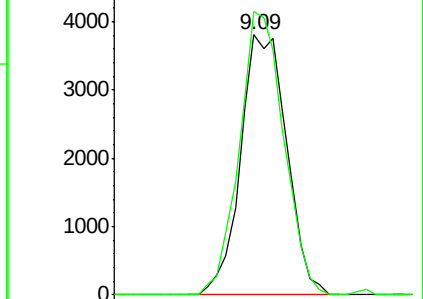
130 100

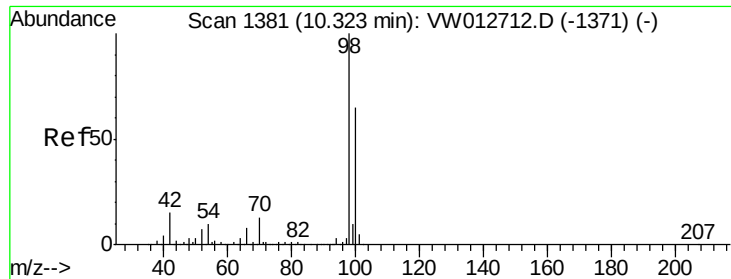
95 108.9 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

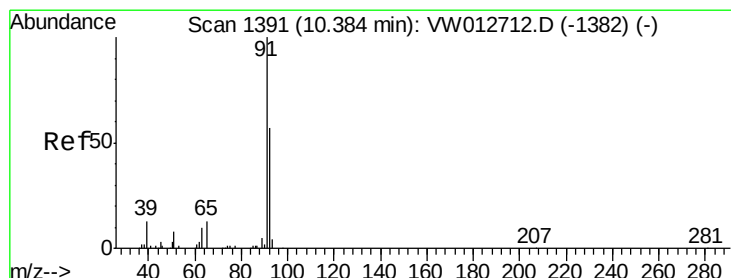
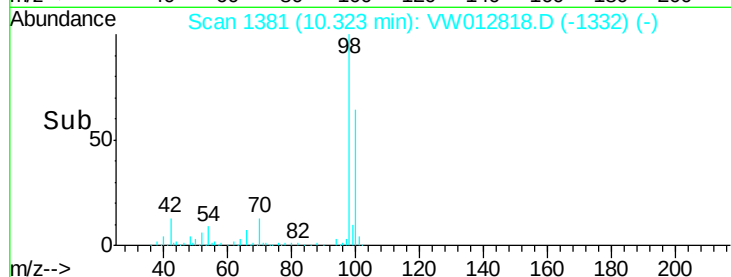
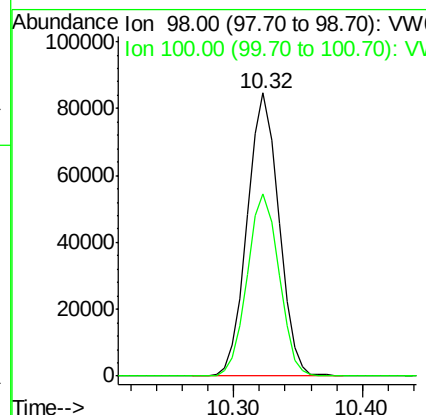
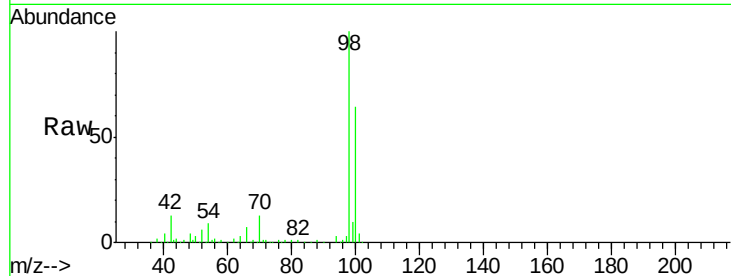




#50
Toluene-d8
Concen: 49.787 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012818.D
Acq: 09 Sep 2019 13:49

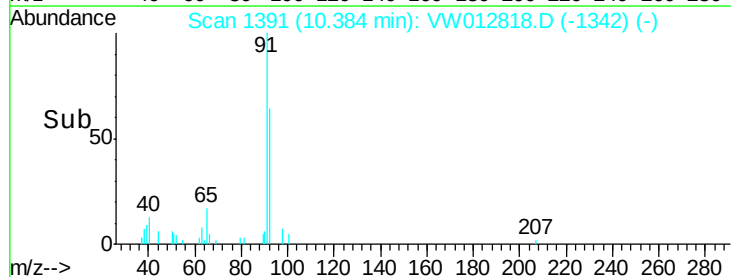
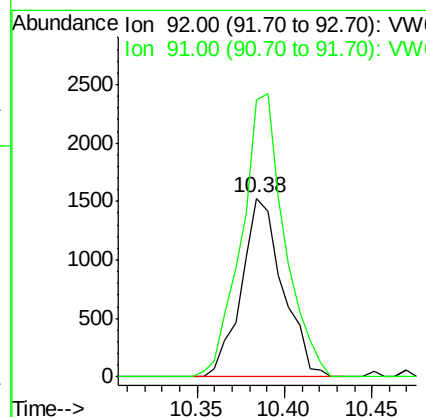
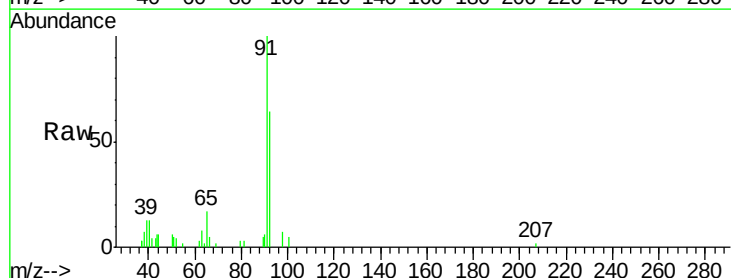
Instrument :
MSVOA_W
ClientSampleId :
WEST-SIDE-WALL-2

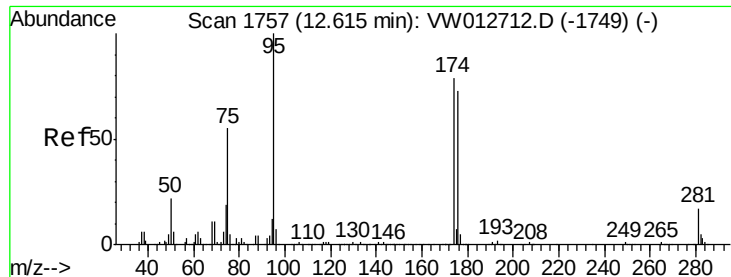
Tot Ion: 98 Resp: 143540
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#52
Toluene
Concen: 1.313 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW012818.D
Acq: 09 Sep 2019 13:49

Tgt Ion: 92 Resp: 2501
Ion Ratio Lower Upper
92 100
91 165.7 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 36.974 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012818.D

Acq: 09 Sep 2019 13:49

Instrument :

MSVOA_W

ClientSampleId :

WEST-SIDE-WALL-2

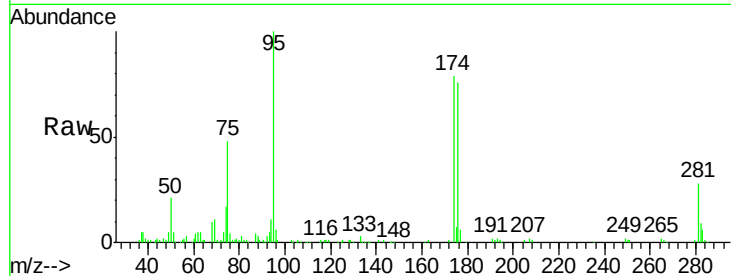
Tot Ion: 95 Resp: 38699

Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.0

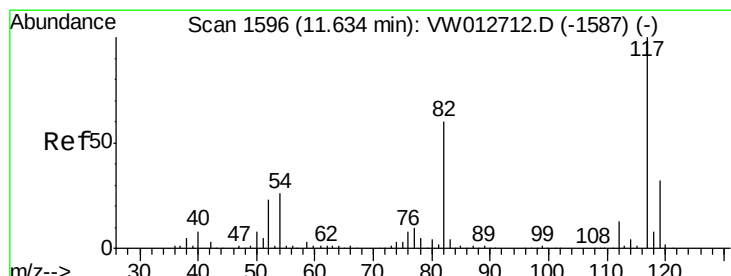
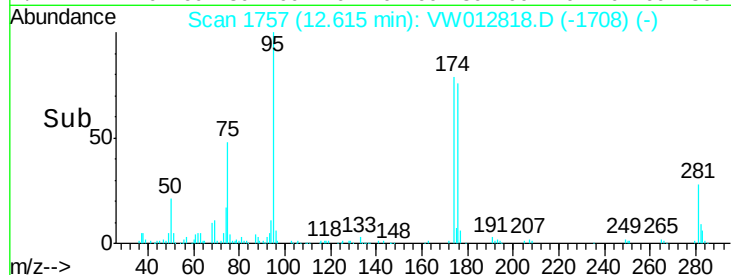
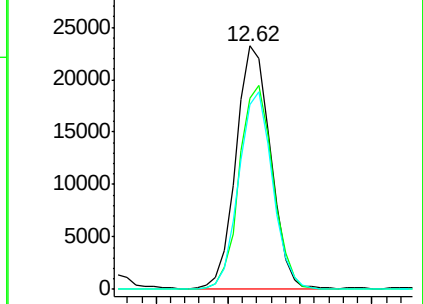
176 79.1 0.0 156.4



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: VW012818.D

Acq: 09 Sep 2019 13:49

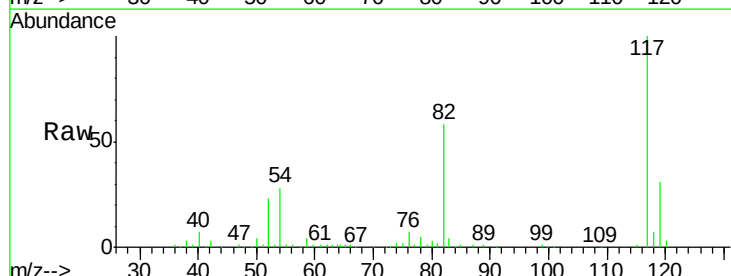
Tgt Ion: 117 Resp: 93943

Ion Ratio Lower Upper

117 100

82 58.3 48.2 72.4

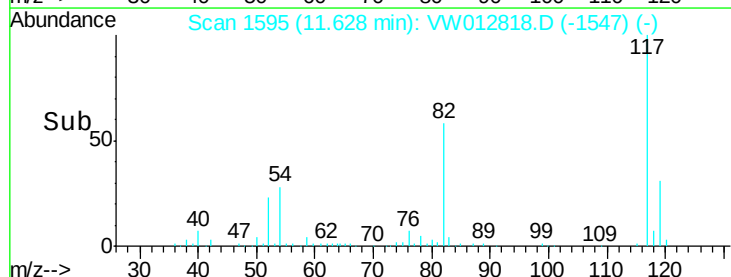
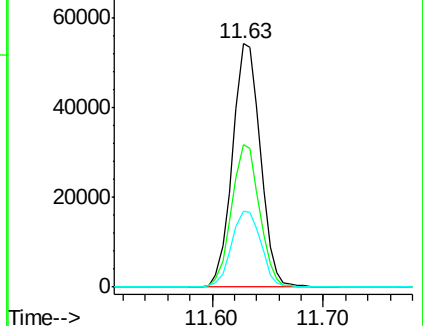
119 31.4 25.8 38.6

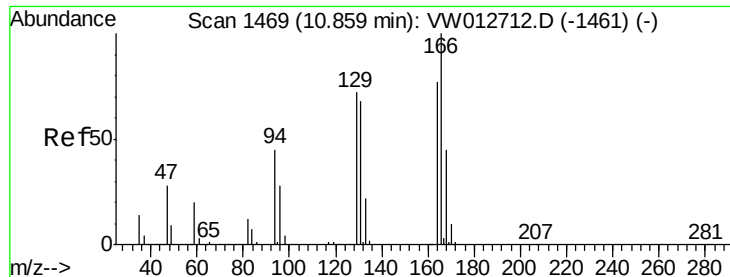


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 16.480 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW012818.D

Acq: 09 Sep 2019 13:49

Instrument :

MSVOA_W

ClientSampleId :

WEST-SIDE-WALL-2

Tot Ion:164 Resp: 9394

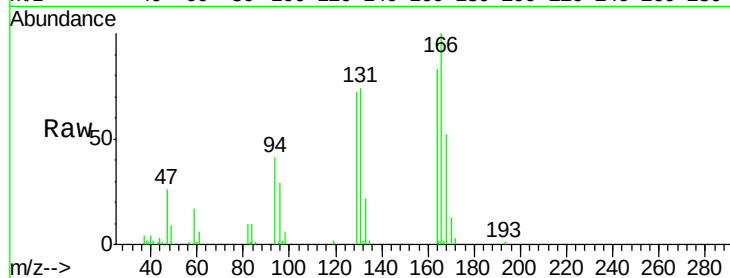
Ion Ratio Lower Upper

164 100

166 120.8 103.6 155.4

129 87.4 74.6 112.0

131 89.0 70.6 106.0

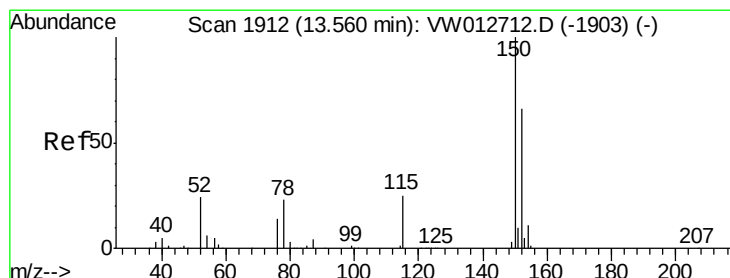
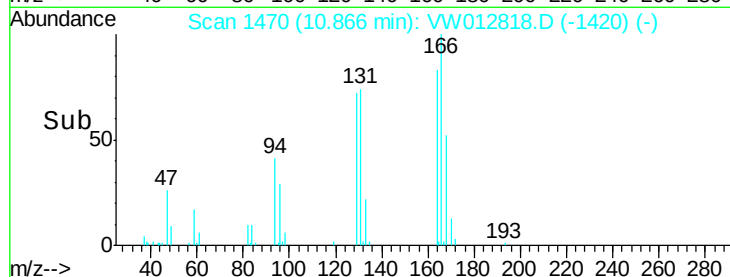
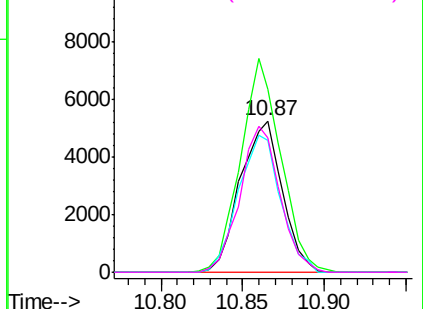


Abundance Ion 163.80 (163.50 to 164.50): V

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012818.D

Acq: 09 Sep 2019 13:49

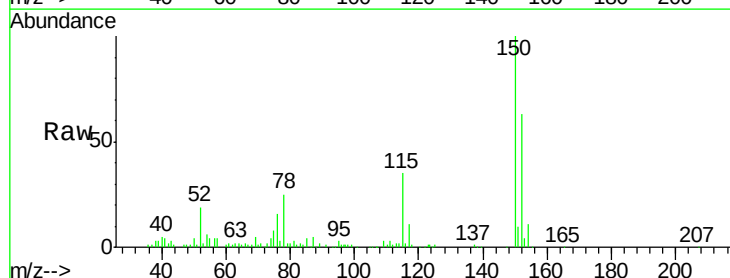
Tgt Ion:152 Resp: 29011

Ion Ratio Lower Upper

152 100

115 57.9 30.0 90.1

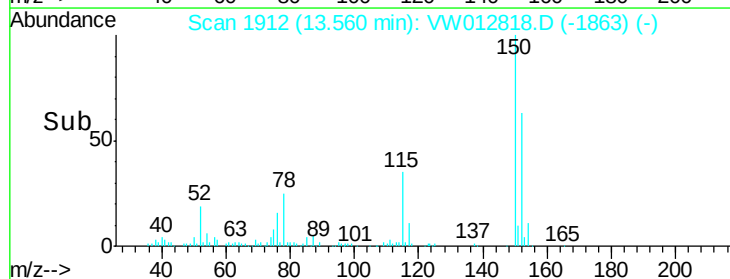
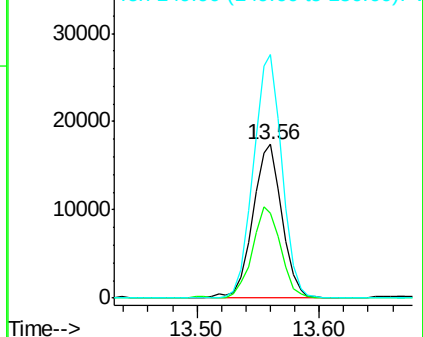
150 154.1 0.0 349.0

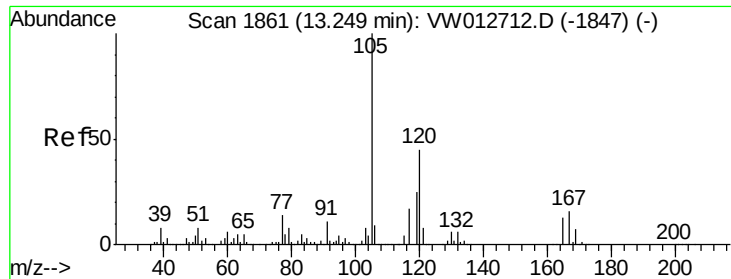


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

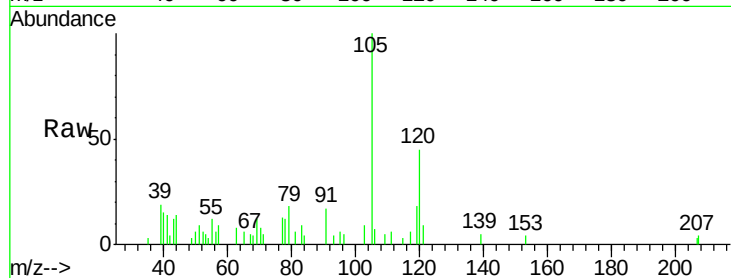




#84
 1,2,4-Trimethylbenzene
 Concen: 1.997 ug/l
 RT: 13.24 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VW012818.D
 Acq: 09 Sep 2019 13:49

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

Tot Ion:105 Resp: 3528
 Ion Ratio Lower Upper
 105 100
 120 40.6 22.1 66.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

