

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091119\
 Data File : VW012917.D
 Acq On : 11 Sep 2019 15:09
 Operator : SY/VA
 Sample : K4683-01
 Misc : 4.52G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190663-LOCATION-1

Quant Time: Sep 12 08:11:12 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

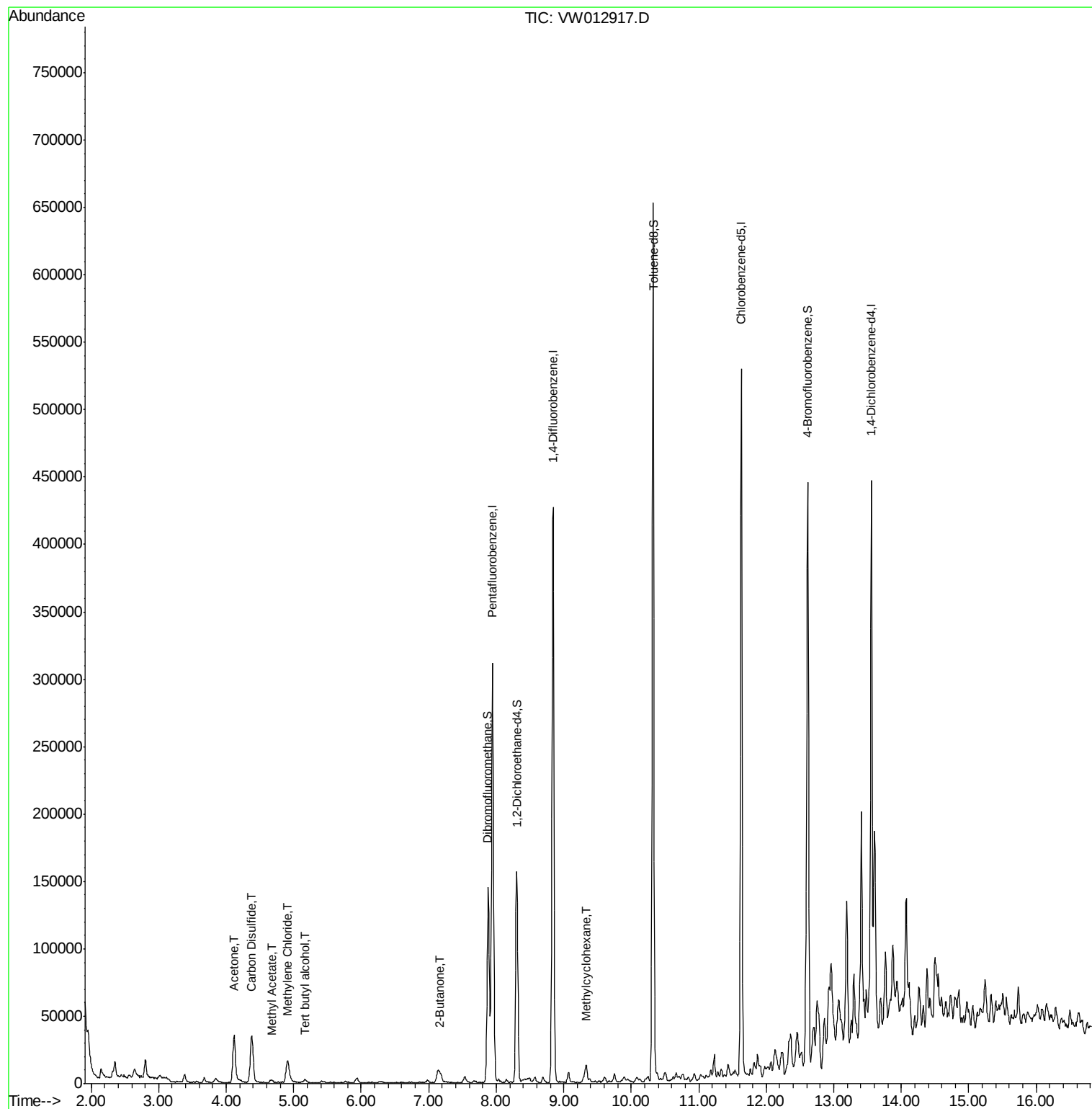
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	108621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	129719	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	7.88	113	102572	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	10.32	98	412058	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.62	95	123909	41.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.54%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	3738	18.572	ug/l #	92
16) Acetone	4.12	43	62965	87.798	ug/l	100
17) Carbon Disulfide	4.38	76	72951	17.676	ug/l	100
18) Methyl Acetate	4.67	43	3935	2.339	ug/l #	82
20) Methylene Chloride	4.91	84	12966	5.779	ug/l	94
25) 2-Butanone	7.17	43	11655	29.849	ug/l #	82
39) Methylcyclohexane	9.34	83	3999	1.129	ug/l	91

(#) = 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: VW012917.D

Acq: 11 Sep 2019 15:09

Instrument :

MSVOA_W

ClientSampleId :

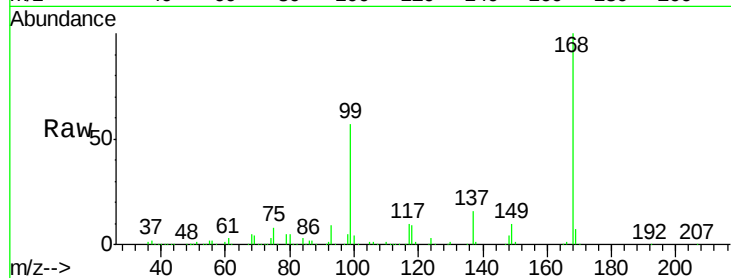
20190663-LOCATION-1

Tot Ion:168 Resp: 235438

Ion Ratio Lower Upper

168 100

99 56.7 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

120000

100000

80000

60000

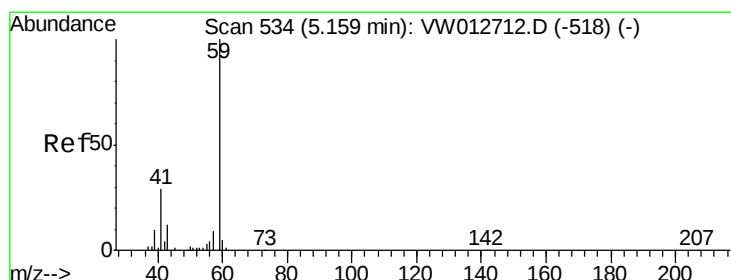
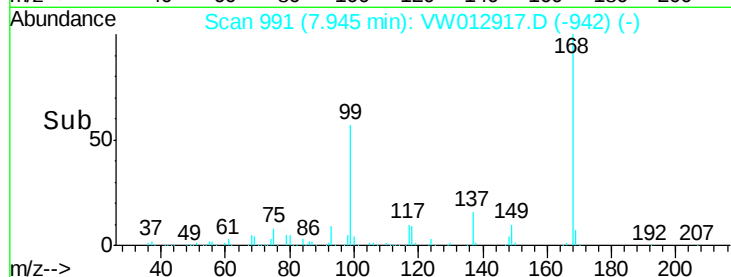
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 18.572 ug/l

RT: 5.17 min Scan# 535

Delta R.T. 0.01 min

Lab File: VW012917.D

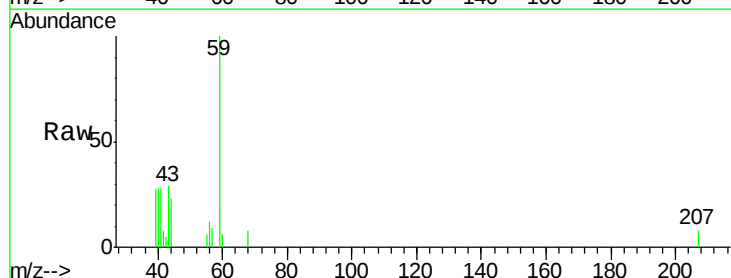
Acq: 11 Sep 2019 15:09

Tgt Ion: 59 Resp: 3738

Ion Ratio Lower Upper

59 100

57 13.4 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

1200

1000

800

600

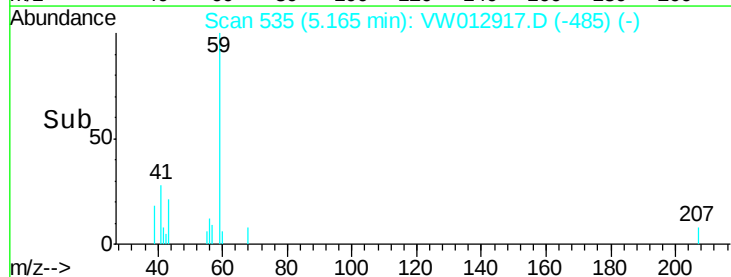
400

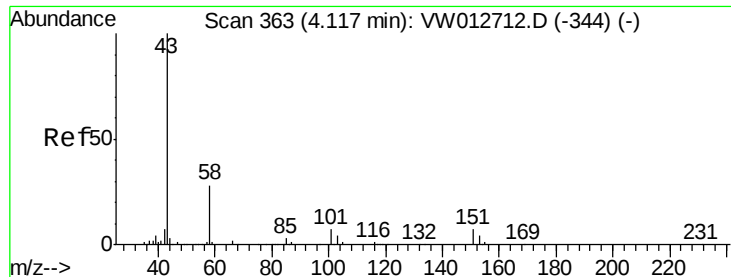
200

0

5.00 5.10 5.20 5.30

Time-->





#16

Acetone

Concen: 87.798 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW012917.D

Acq: 11 Sep 2019 15:09

Instrument :

MSVOA_W

ClientSampleId :

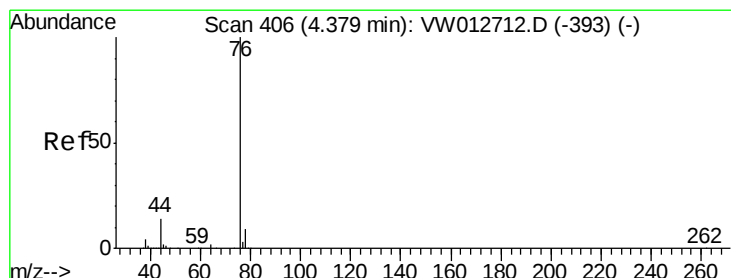
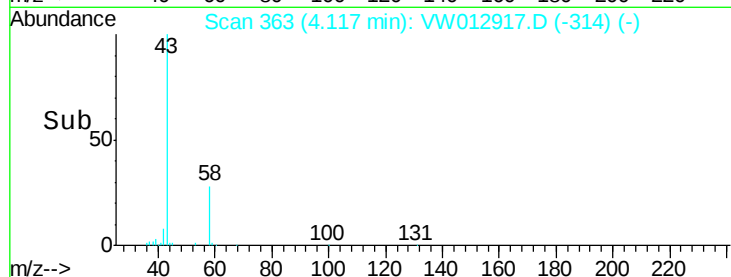
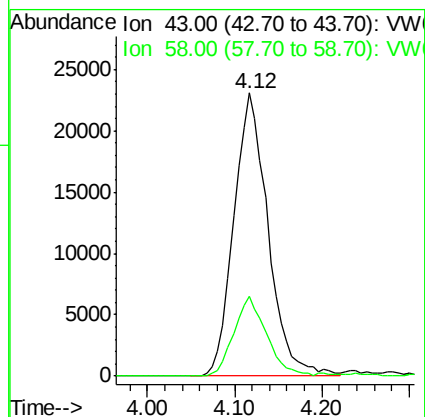
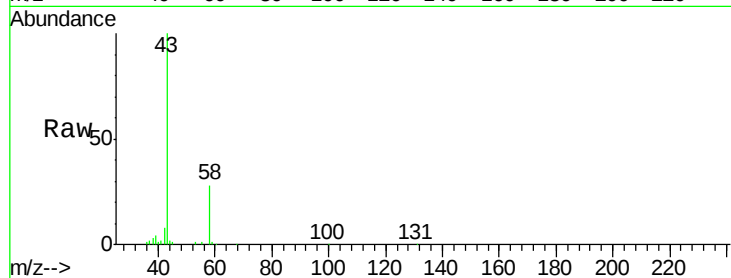
20190663-LOCATION-1

Tot Ion: 43 Resp: 62965

Ion Ratio Lower Upper

43 100

58 28.4 22.6 33.8



#17

Carbon Disulfide

Concen: 17.676 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW012917.D

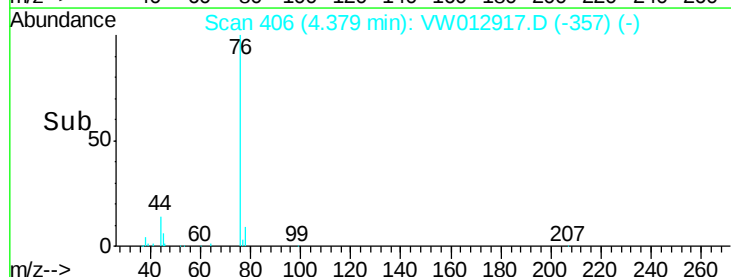
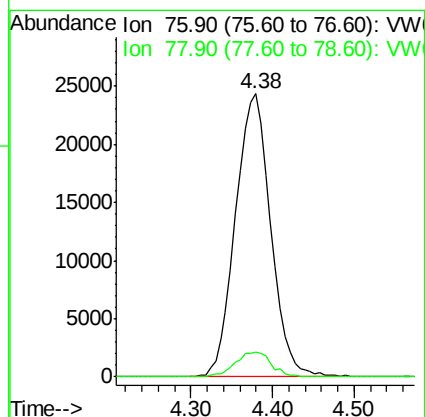
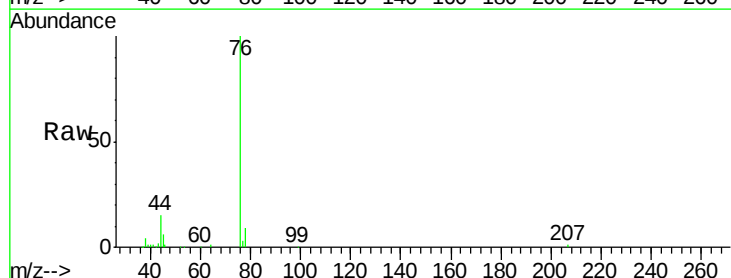
Acq: 11 Sep 2019 15:09

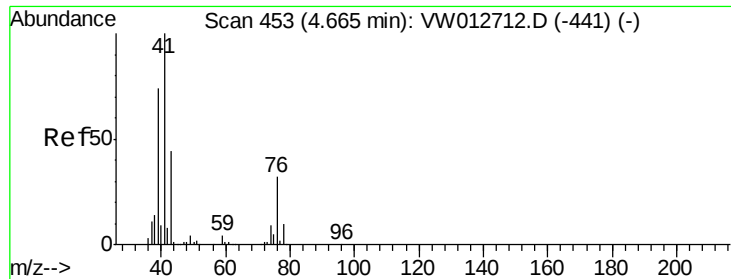
Tgt Ion: 76 Resp: 72951

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8

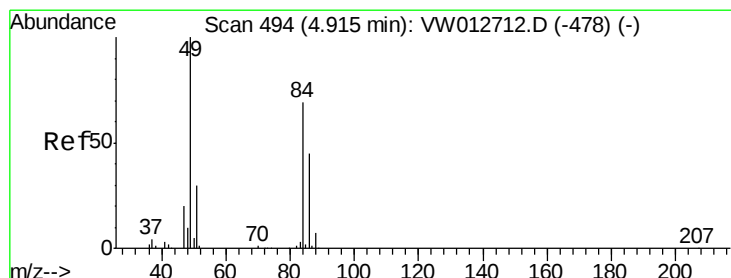
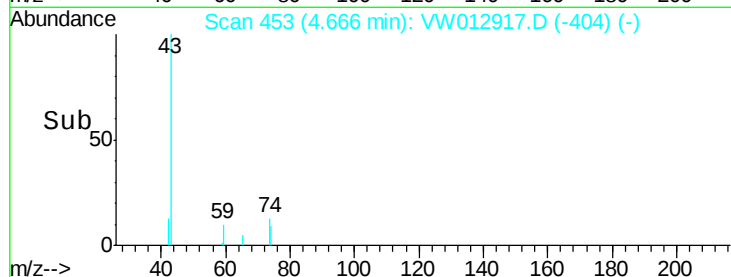
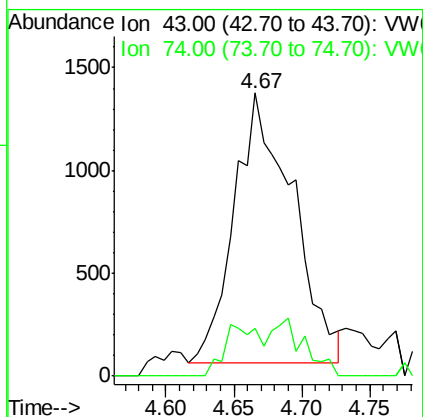
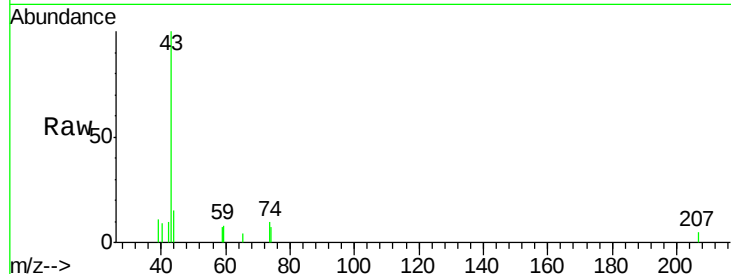




#18
Methyl Acetate
Concen: 2.339 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW012917.D
Acq: 11 Sep 2019 15:09

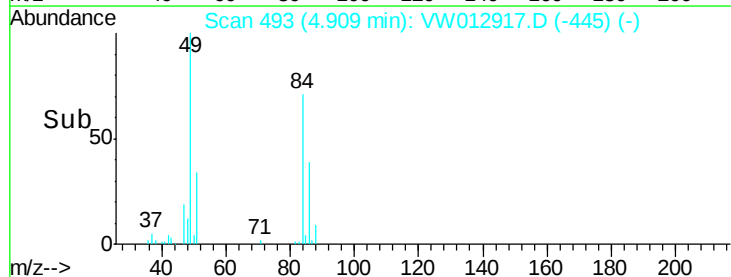
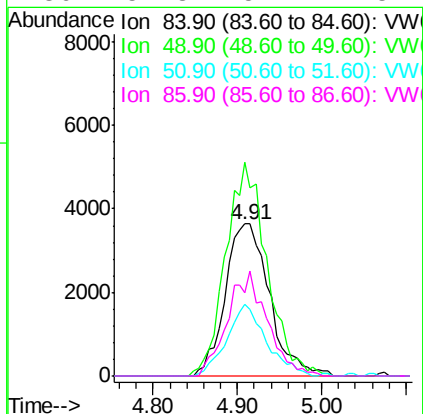
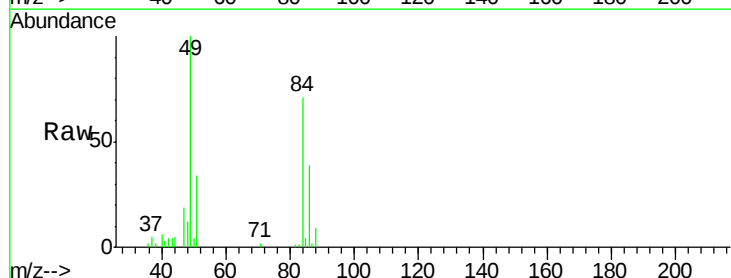
Instrument :
MSVOA_W
ClientSampleId :
20190663-LOCATION-1

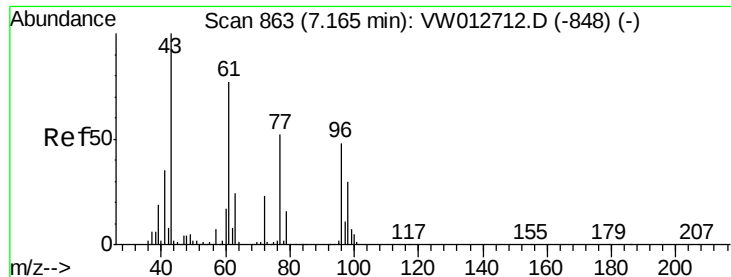
Tot Ion: 43 Resp: 3935
Ion Ratio Lower Upper
43 100
74 11.3 15.8 23.6#



#20
Methylene Chloride
Concen: 5.779 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012917.D
Acq: 11 Sep 2019 15:09

Tgt Ion: 84 Resp: 12966
Ion Ratio Lower Upper
84 100
49 140.2 115.4 173.0
51 47.4 34.9 52.3
86 54.3 52.2 78.4





#25

2-Butanone

Concen: 29.849 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012917.D

Acq: 11 Sep 2019 15:09

Instrument :

MSVOA_W

ClientSampleId :

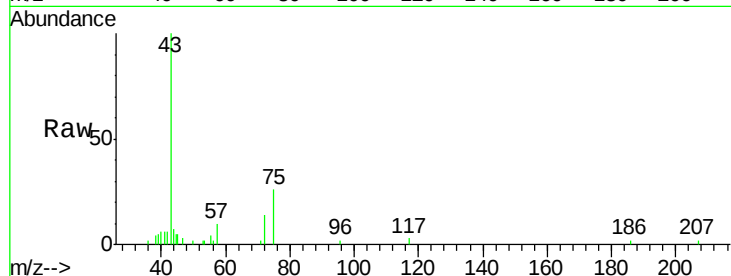
20190663-LOCATION-1

Tot Ion: 43 Resp: 11655

Ion Ratio Lower Upper

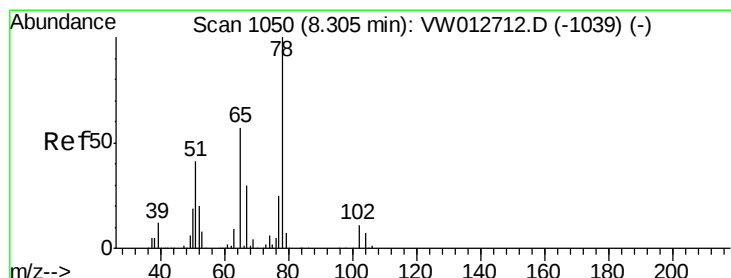
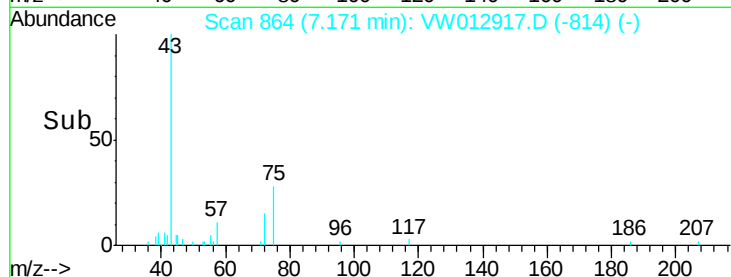
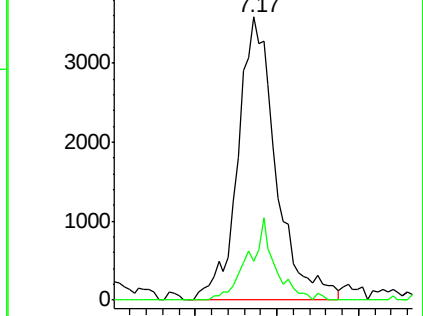
43 100

72 13.7 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 49.311 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012917.D

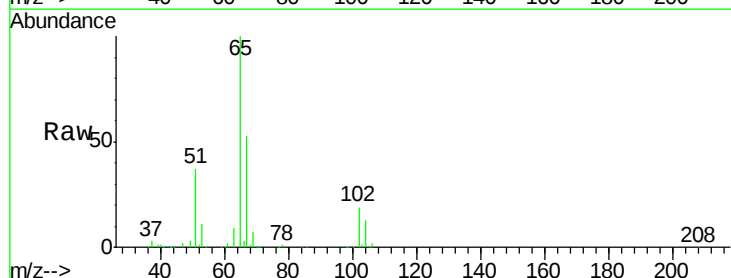
Acq: 11 Sep 2019 15:09

Tgt Ion: 65 Resp: 129719

Ion Ratio Lower Upper

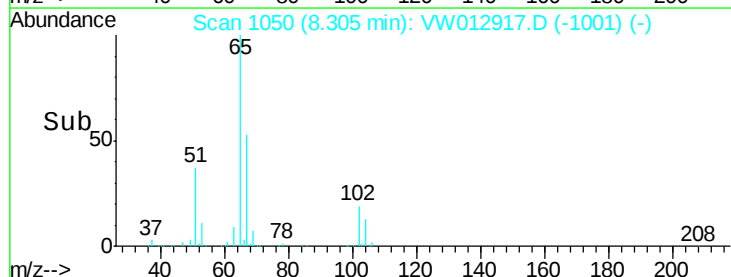
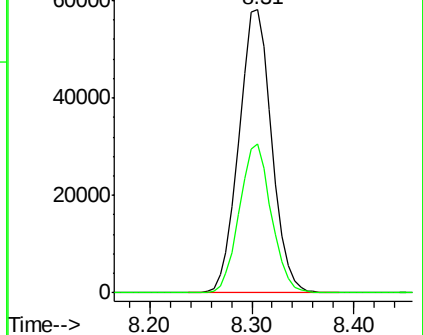
65 100

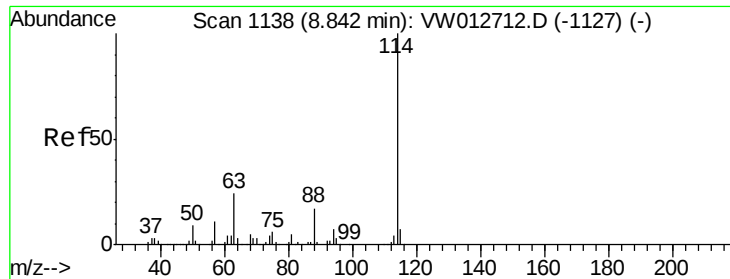
67 51.3 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

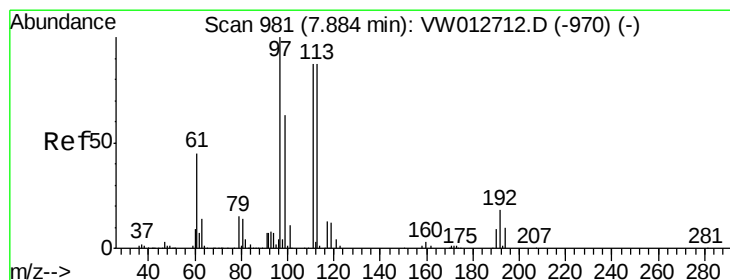
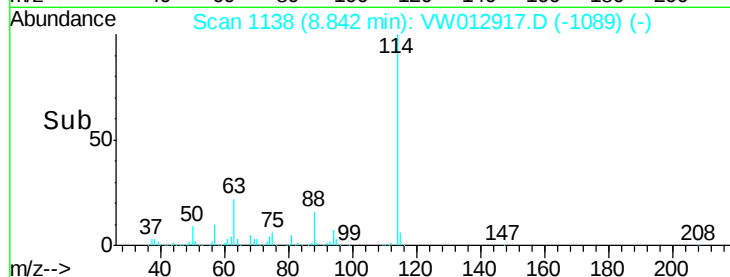
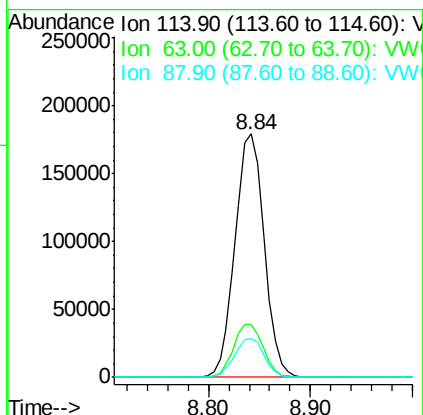
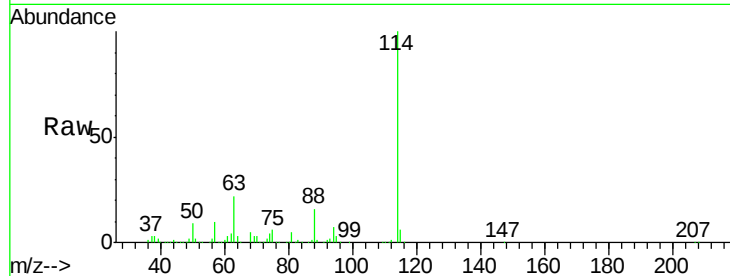




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012917.D
 Acq: 11 Sep 2019 15:09

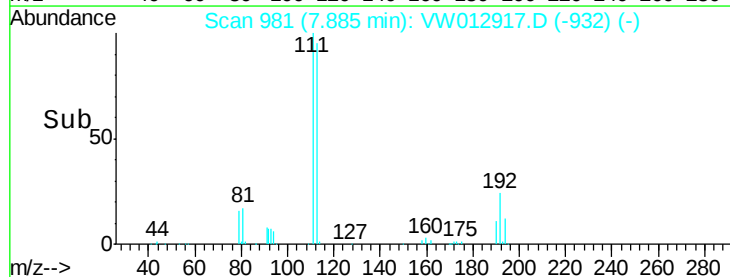
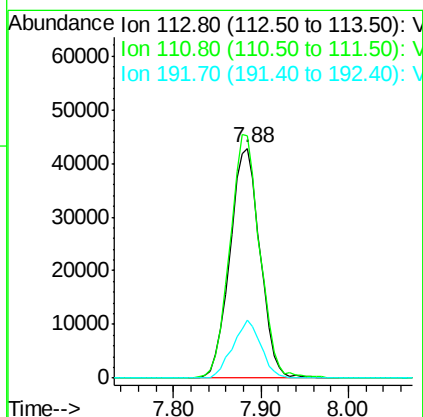
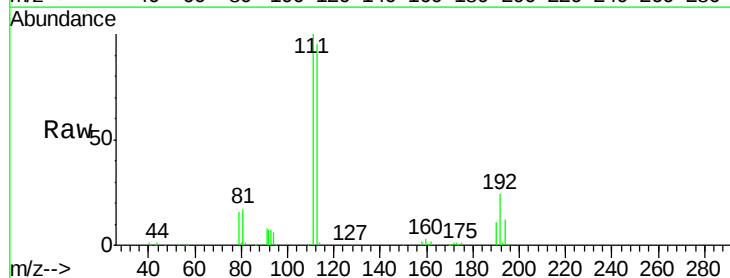
Instrument :
 MSVOA_W
 ClientSampleId :
 20190663-LOCATION-1

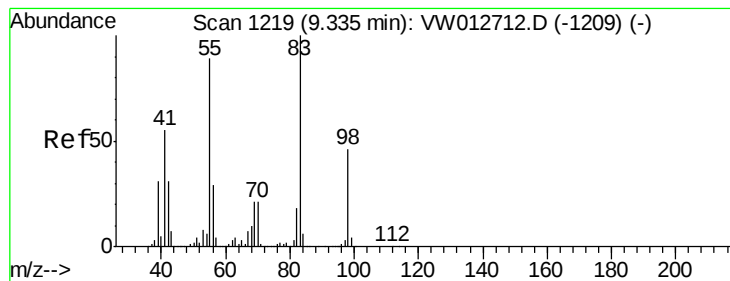
Tot Ion:114	Resp:	355032
Ion Ratio	Lower	Upper
114 100		
63 22.0	0.0	47.2
88 16.0	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 48.595 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012917.D
 Acq: 11 Sep 2019 15:09

Tgt Ion:113	Resp:	102572
Ion Ratio	Lower	Upper
113 100		
111 105.1	80.2	120.4
192 23.7	17.3	25.9





#39

Methylcyclohexane

Concen: 1.129 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW012917.D

Acq: 11 Sep 2019 15:09

Instrument :

MSVOA_W

ClientSampleId :

20190663-LOCATION-1

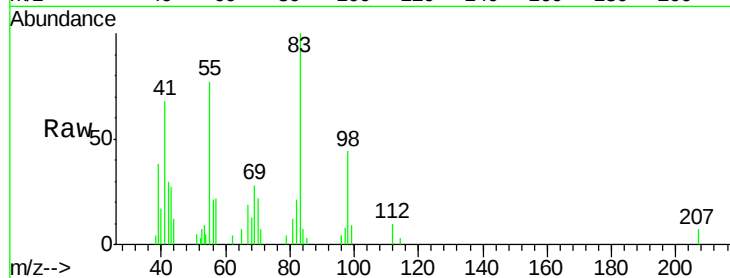
Tot Ion: 83 Resp: 3999

Ion Ratio Lower Upper

83 100

55 77.4 71.0 106.4

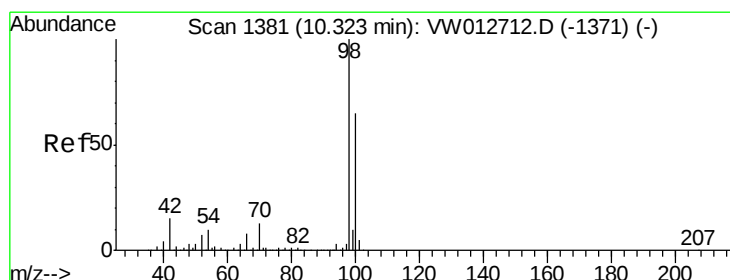
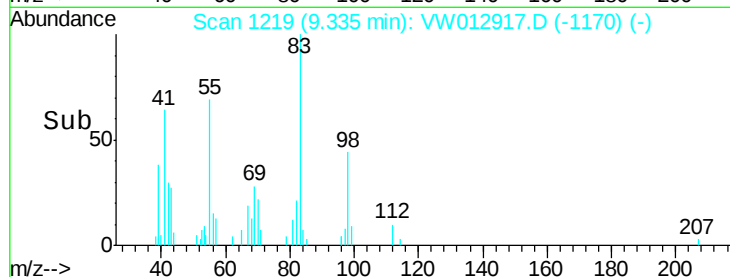
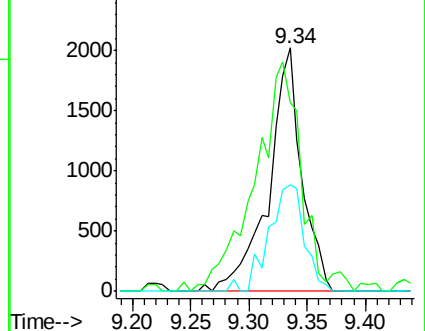
98 43.8 36.9 55.3



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#50

Toluene-d8

Concen: 49.829 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012917.D

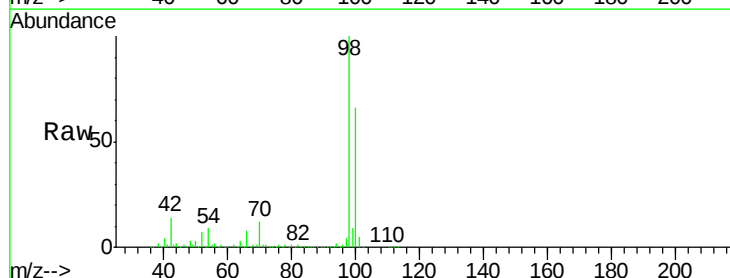
Acq: 11 Sep 2019 15:09

Tgt Ion: 98 Resp: 412058

Ion Ratio Lower Upper

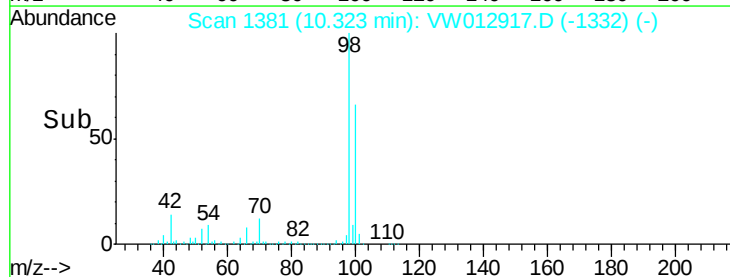
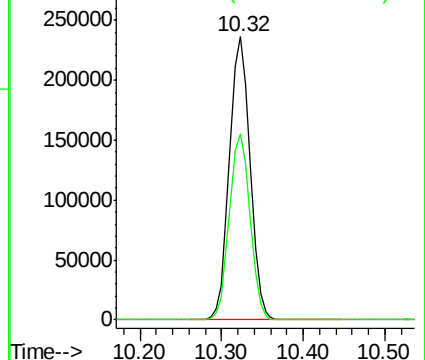
98 100

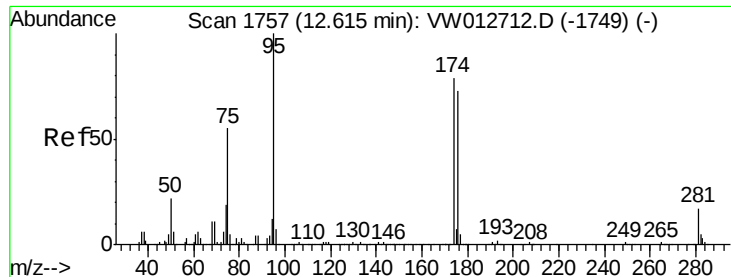
100 65.8 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 41.274 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012917.D

Acq: 11 Sep 2019 15:09

Instrument :

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ClientSampleId :

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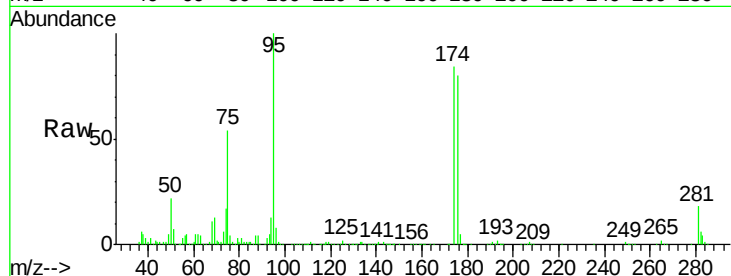
Tot Ion: 95 Resp: 123909

Ion Ratio Lower Upper

95 100

174 85.7 0.0 161.0

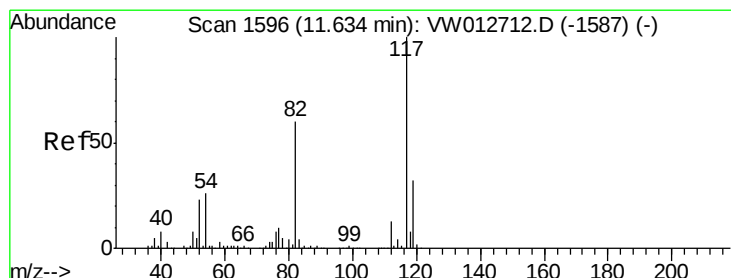
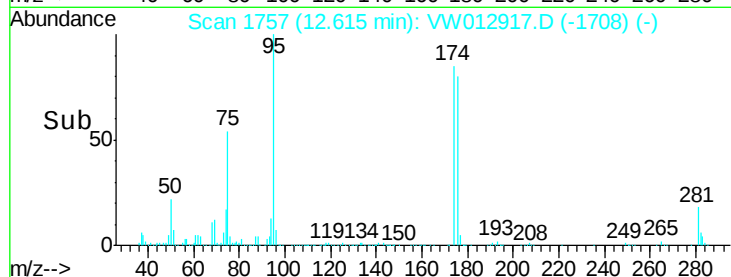
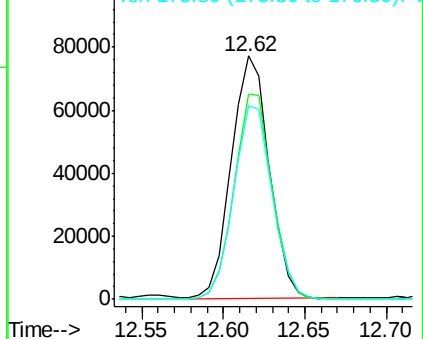
176 82.1 0.0 156.4



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: VW012917.D

Acq: 11 Sep 2019 15:09

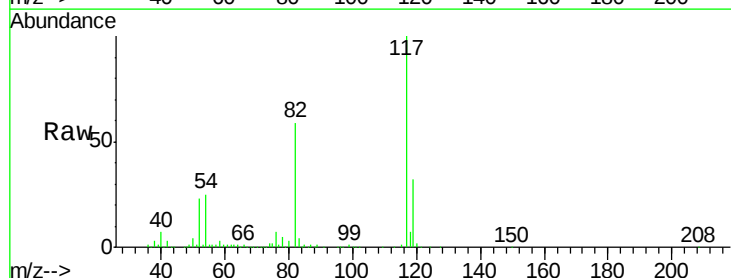
Tgt Ion: 117 Resp: 285268

Ion Ratio Lower Upper

117 100

82 58.9 48.2 72.4

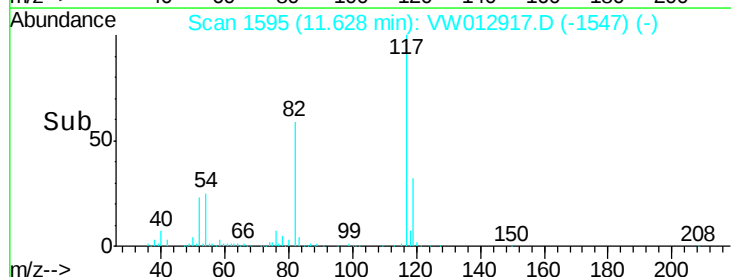
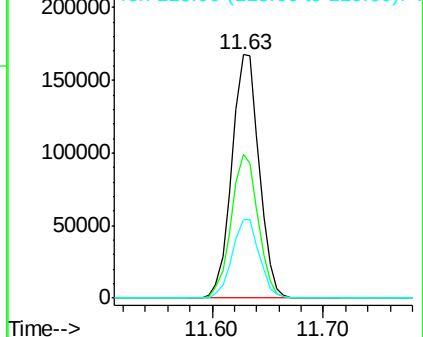
119 32.3 25.8 38.6

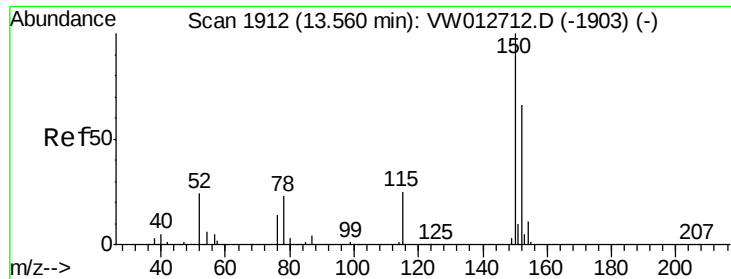


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012917.D

Acq: 11 Sep 2019 15:09

Instrument :

MSVOA_W

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20190663-LOCATION-1

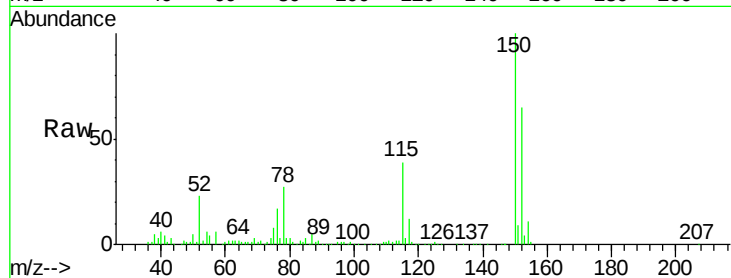
Tot Ion:152 Resp: 108621

Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.1

150 155.8 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

