

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012747.D
 Acq On : 08 Sep 2019 04:58
 Operator : SY/VA
 Sample : K4554-46
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2-(13-15)

Quant Time: Sep 08 06:14:02 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

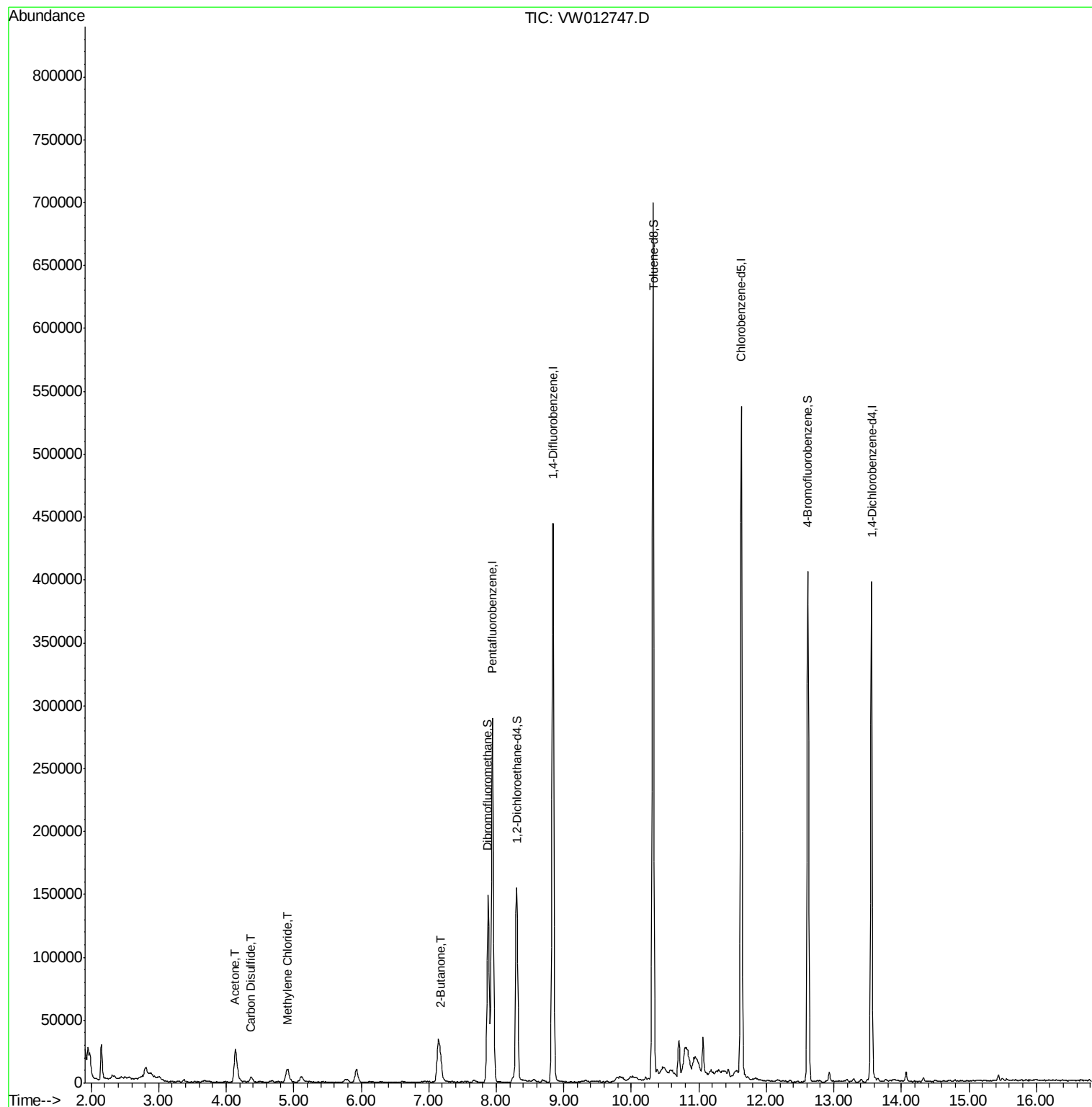
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	100644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134342	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.76%	
35) Dibromofluoromethane	7.88	113	103994	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	10.32	98	433929	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.62	95	125394	41.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.36%	
Target Compounds						
16) Acetone	4.14	43	54076	82.504	ug/l	96
17) Carbon Disulfide	4.37	76	8462	2.243	ug/l	99
20) Methylene Chloride	4.92	84	7704	3.757	ug/l	91
25) 2-Butanone	7.18	43	23085	41.718	ug/l	96

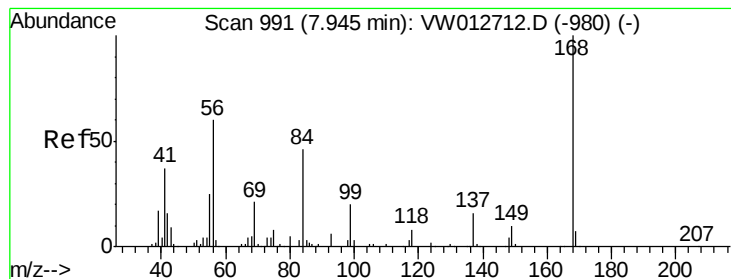
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012747.D

Acq: 08 Sep 2019 04:58

Instrument :

MSVOA_W

ClientSampled :

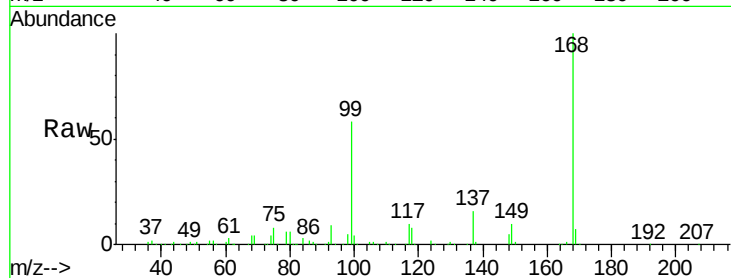
SB-2-(13-15)

Tot Ion:168 Resp: 215174

Ion Ratio Lower Upper

168 100

99 58.2 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

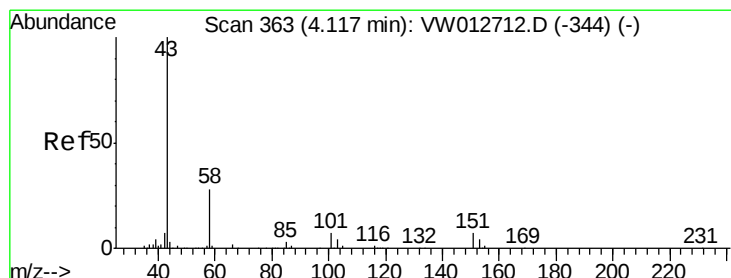
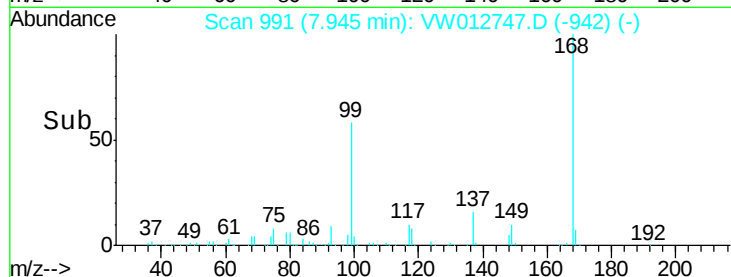
40000

20000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 82.504 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012747.D

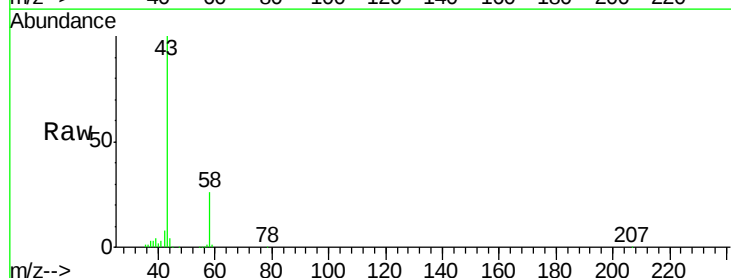
Acq: 08 Sep 2019 04:58

Tgt Ion: 43 Resp: 54076

Ion Ratio Lower Upper

43 100

58 26.2 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

20000

15000

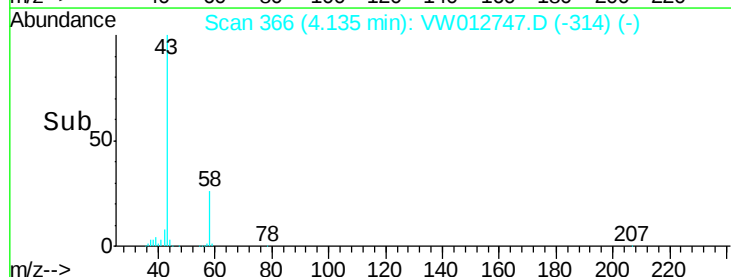
10000

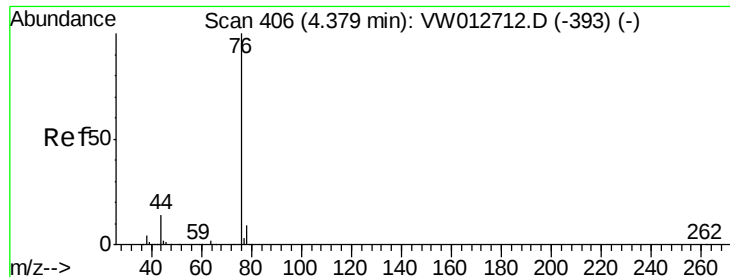
5000

0

Time-->

4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 2.243 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW012747.D

Acq: 08 Sep 2019 04:58

Instrument :

MSVOA_W

ClientSampleId :

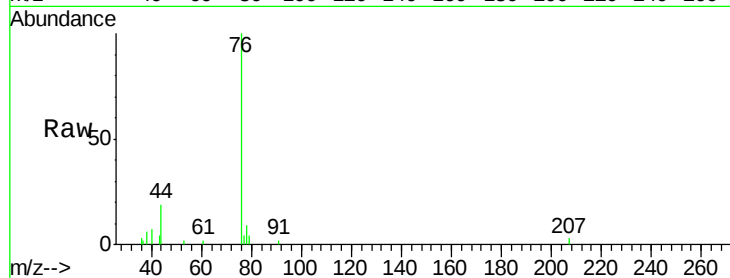
SB-2-(13-15)

Tot Ion: 76 Resp: 8462

Ion Ratio Lower Upper

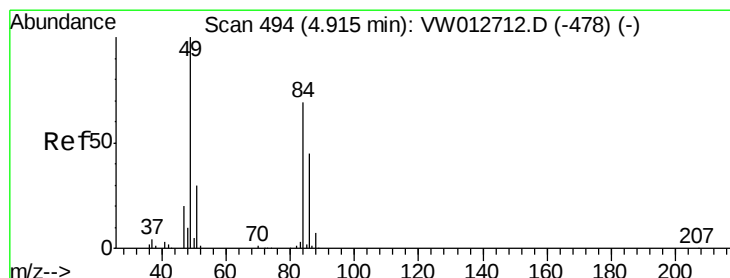
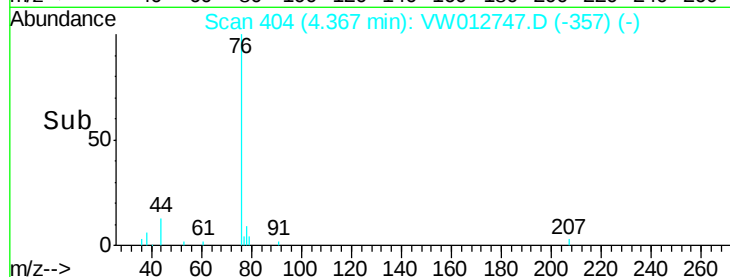
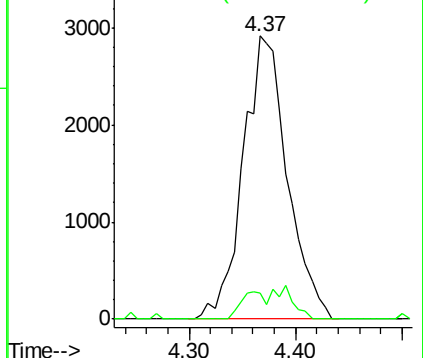
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 3.757 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW012747.D

Acq: 08 Sep 2019 04:58

Tgt Ion: 84 Resp: 7704

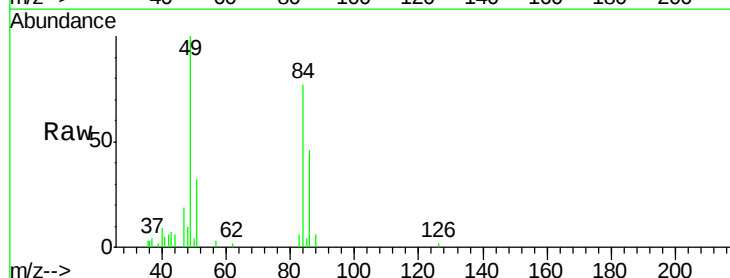
Ion Ratio Lower Upper

84 100

49 129.4 115.4 173.0

51 41.9 34.9 52.3

86 59.9 52.2 78.4

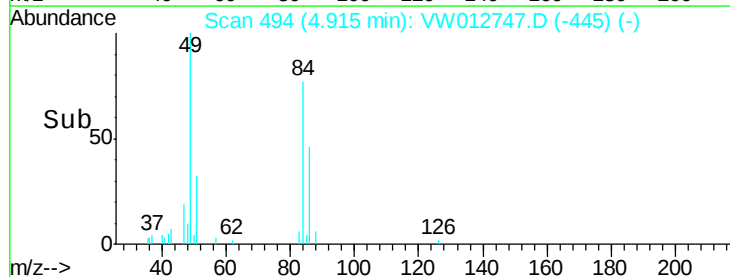
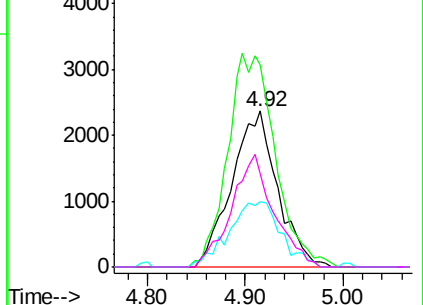


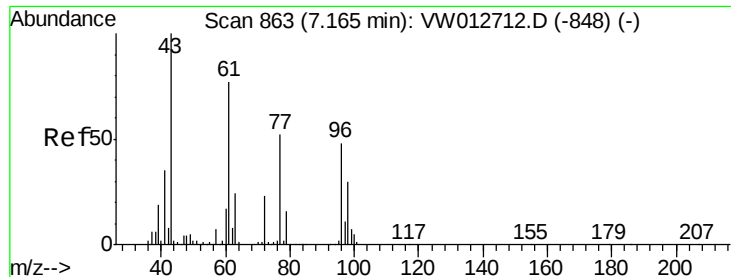
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 41.718 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012747.D

Acq: 08 Sep 2019 04:58

Instrument :

MSVOA_W

ClientSampleId :

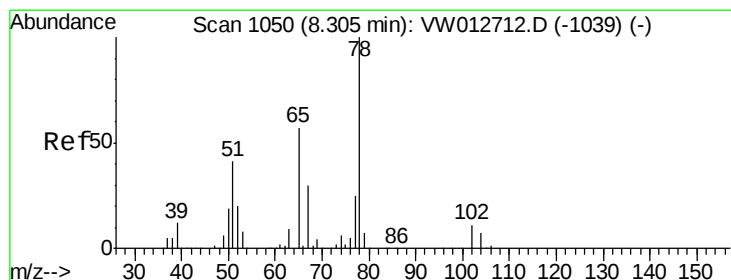
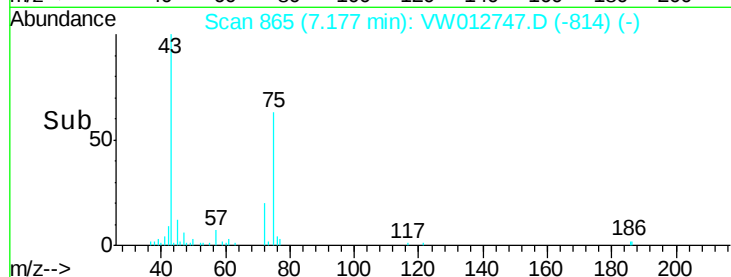
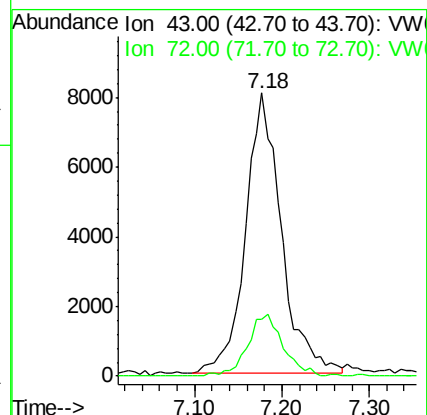
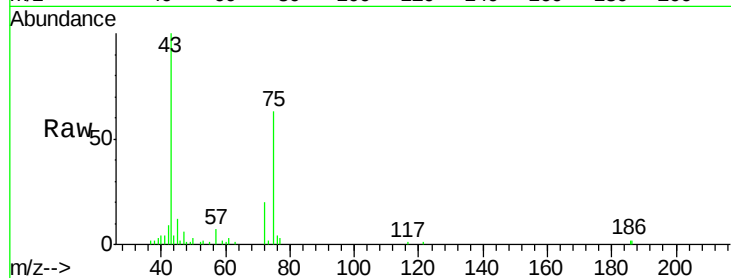
SB-2-(13-15)

Tot Ion: 43 Resp: 23085

Ion Ratio Lower Upper

43 100

72 20.4 18.0 27.0



#33

1,2-Dichloroethane-d4

Concen: 55.878 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012747.D

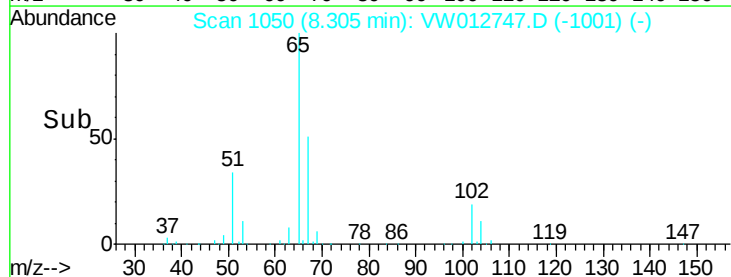
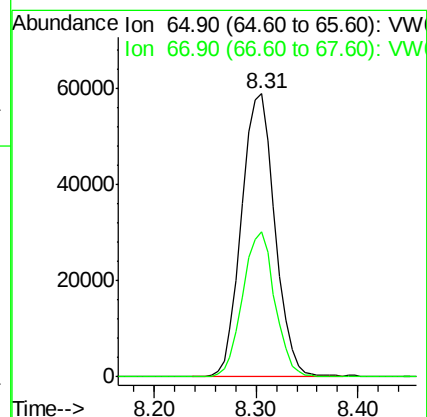
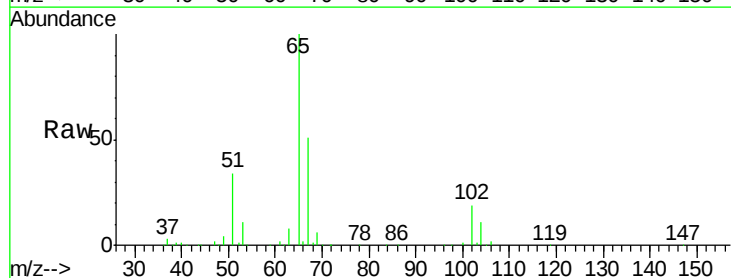
Acq: 08 Sep 2019 04:58

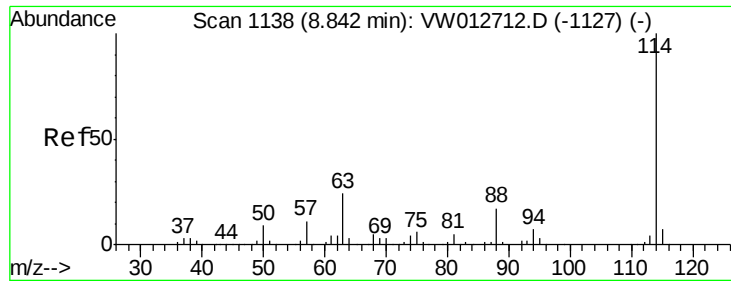
Tgt Ion: 65 Resp: 134342

Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.8

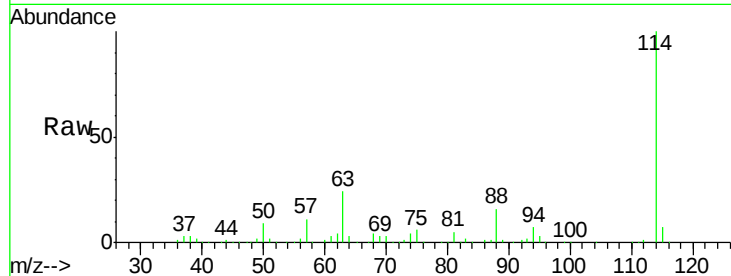




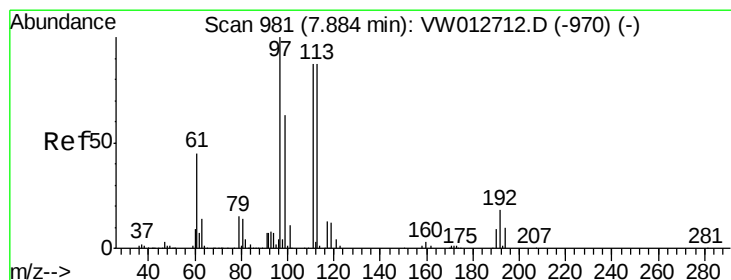
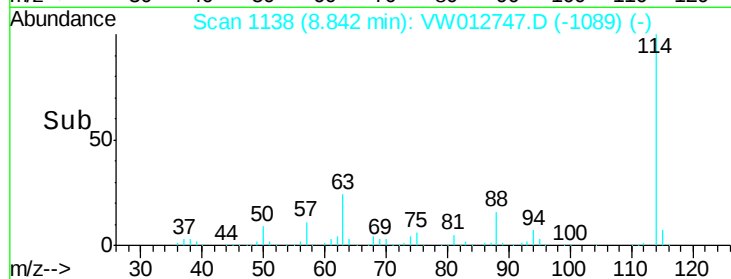
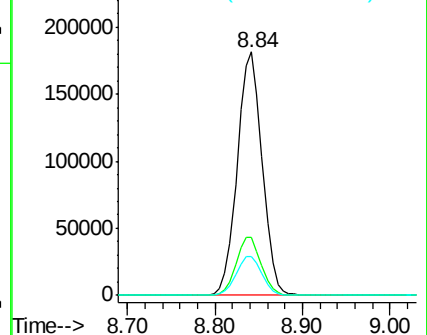
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012747.D
 Acq: 08 Sep 2019 04:58

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2-(13-15)

Tot Ion:114 Resp: 360094
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 47.2
 88 16.2 0.0 34.0

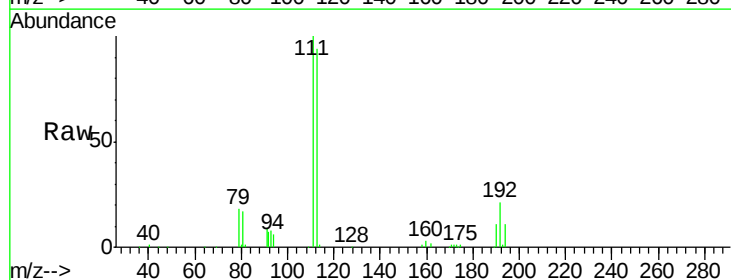


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

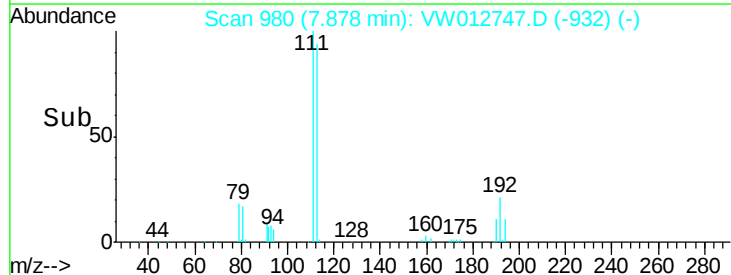
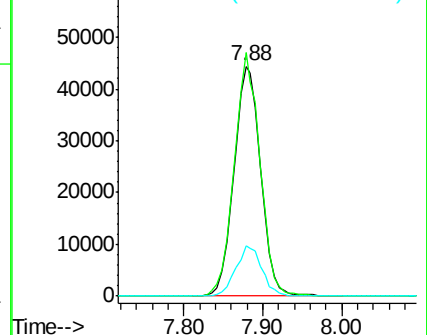


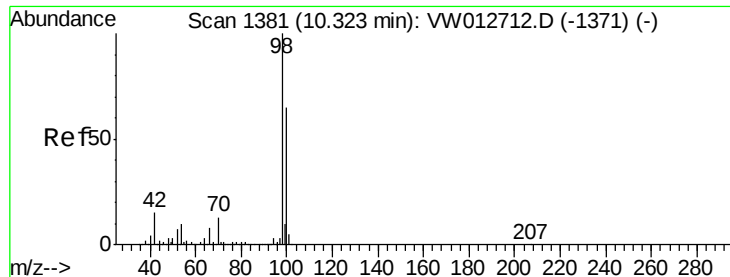
#35
 Dibromofluoromethane
 Concen: 48.576 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012747.D
 Acq: 08 Sep 2019 04:58

Tgt Ion:113 Resp: 103994
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.2 120.4
 192 21.4 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





#50

Toluene-d8

Concen: 51.736 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012747.D

Acq: 08 Sep 2019 04:58

Instrument :

MSVOA_W

ClientSampleId :

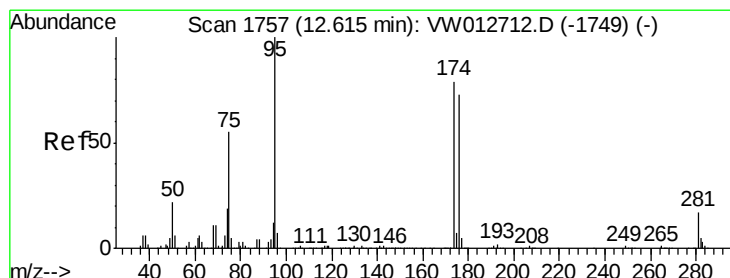
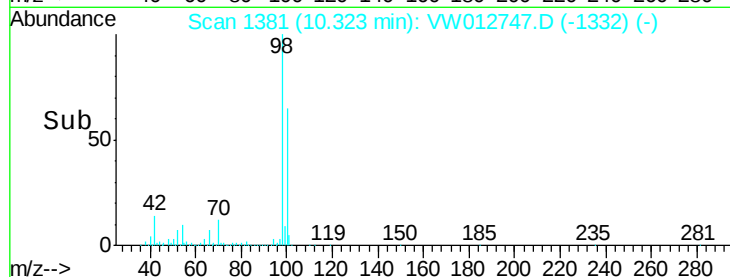
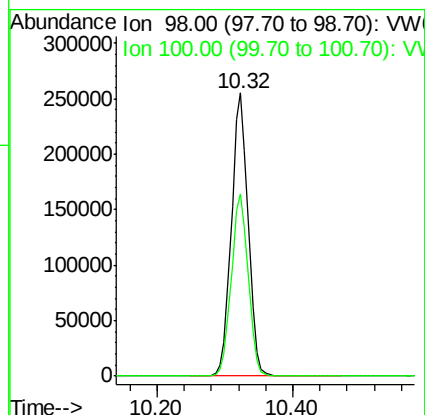
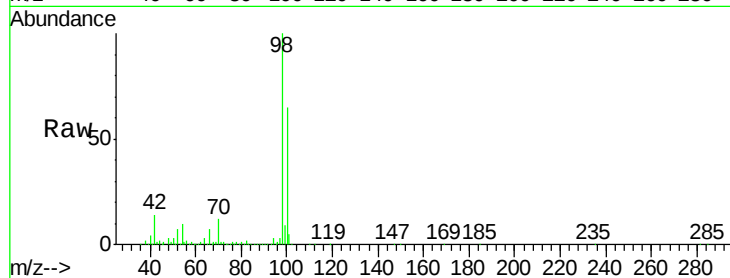
SB-2-(13-15)

Tot Ion: 98 Resp: 433929

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 41.182 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012747.D

Acq: 08 Sep 2019 04:58

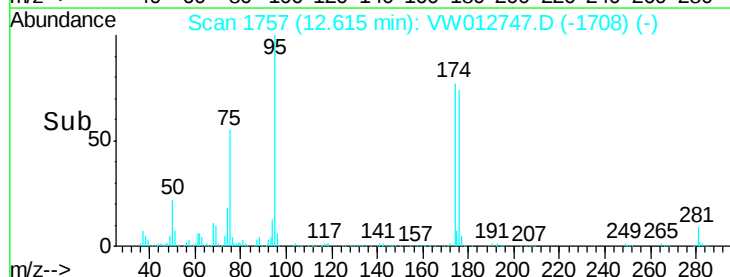
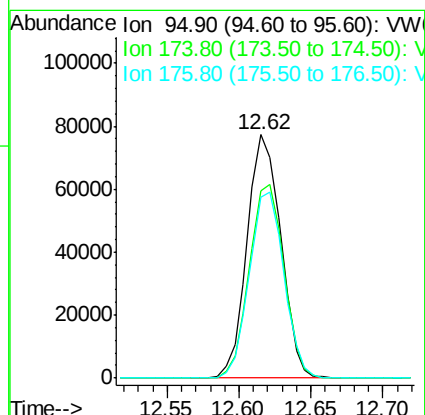
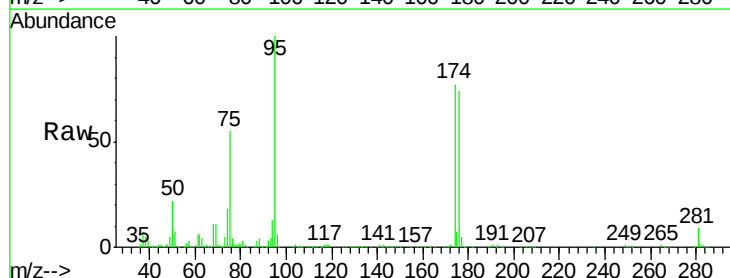
Tgt Ion: 95 Resp: 125394

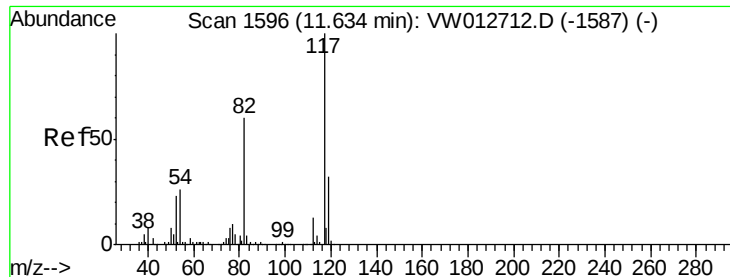
Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.0

176 78.2 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: VW012747.D

Acq: 08 Sep 2019 04:58

Instrument :

MSVOA_W

ClientSampleId :

SB-2-(13-15)

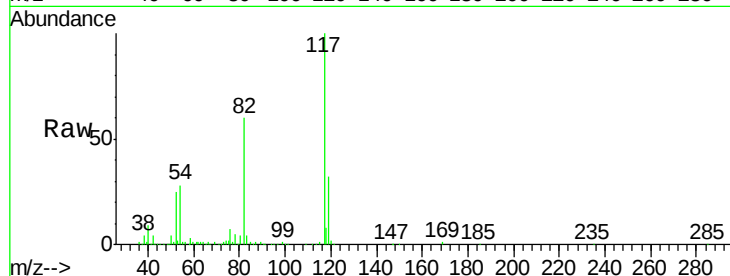
Tot Ion:117 Resp: 289773

Ion Ratio Lower Upper

117 100

82 60.0 48.2 72.4

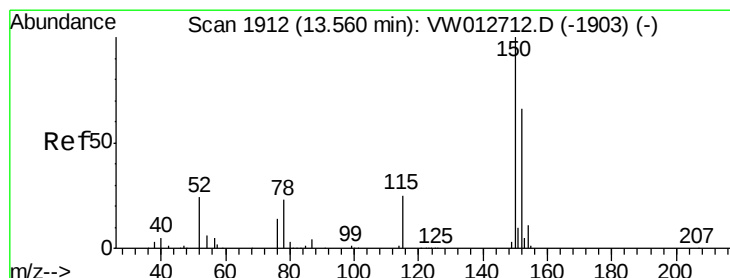
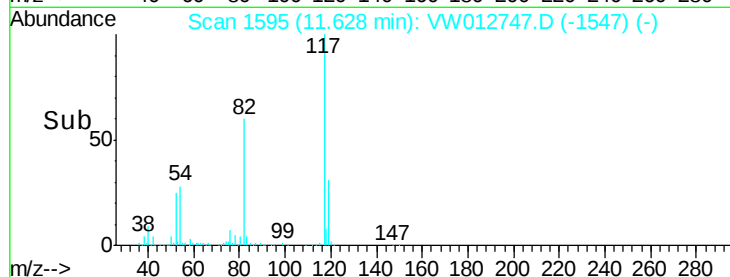
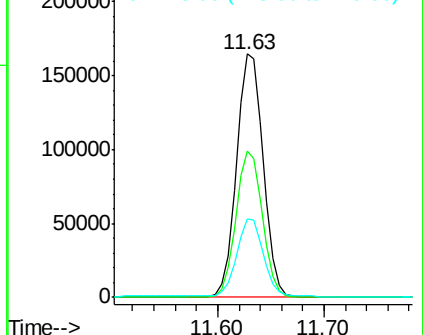
119 31.8 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): 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: VW012747.D

Acq: 08 Sep 2019 04:58

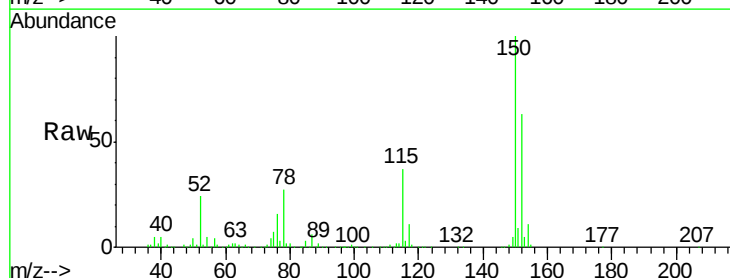
Tgt Ion:152 Resp: 100644

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.1

150 158.0 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

