

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012731.D
 Acq On : 07 Sep 2019 20:20
 Operator : SY/VA
 Sample : K4554-26
 Misc : 5.63G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7-(13-15)

Quant Time: Sep 08 05:41:12 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

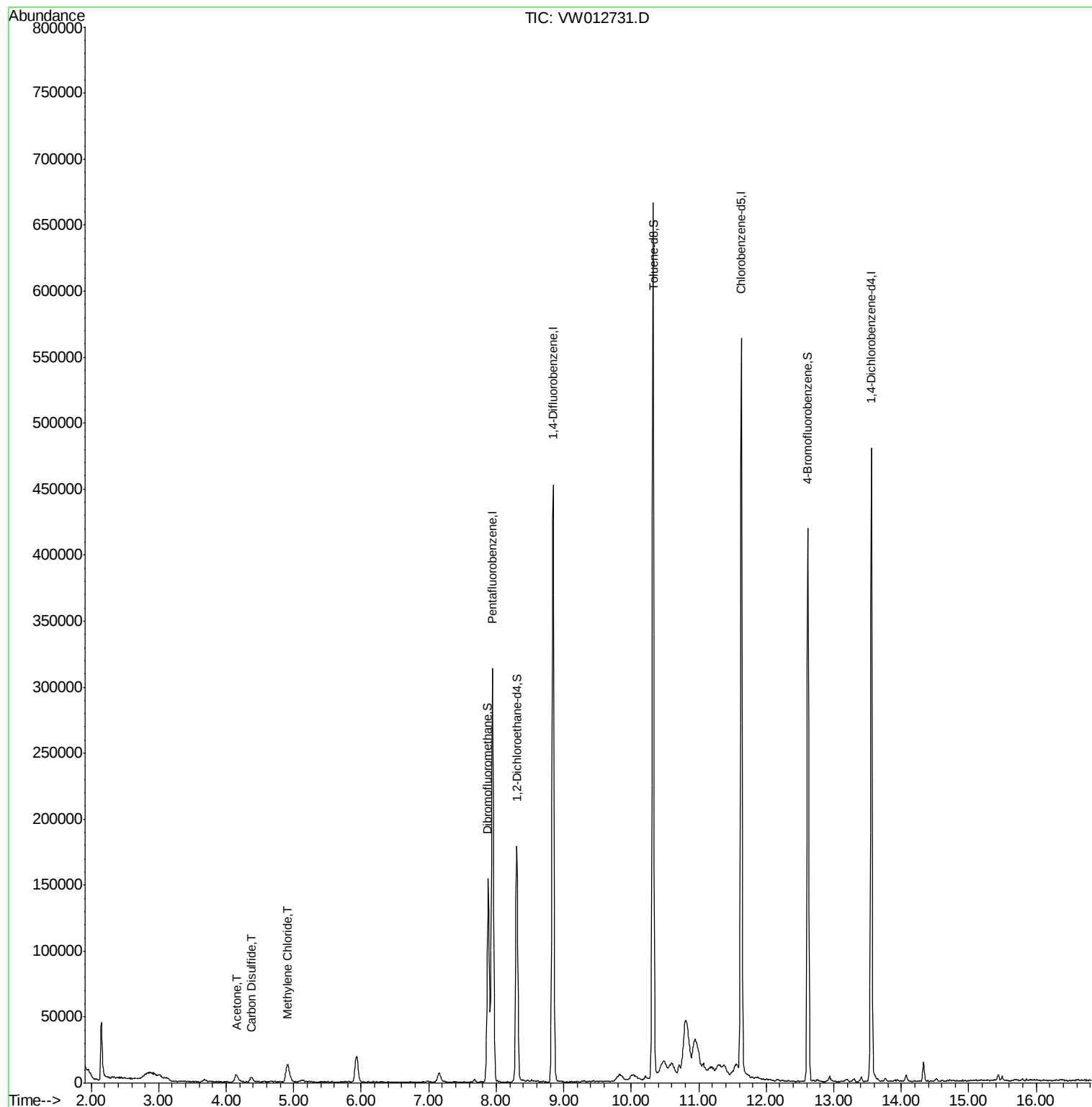
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146249	56.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.76%	
35) Dibromofluoromethane	7.88	113	107472	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
50) Toluene-d8	10.32	98	418487	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.62	95	133882	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	
Target Compounds						
16) Acetone	4.15	43	11687	16.673	ug/l	98
17) Carbon Disulfide	4.37	76	7669	1.901	ug/l #	88
20) Methylene Chloride	4.91	84	10795	4.923	ug/l	94

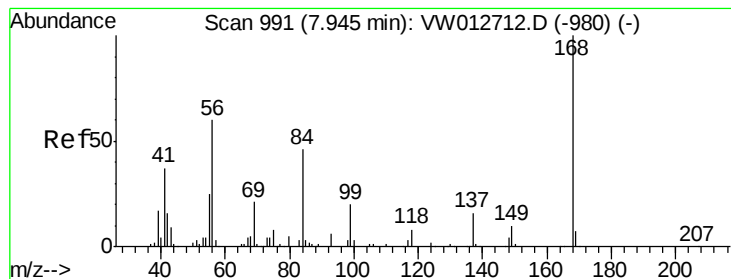
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW012731.D

Acq: 07 Sep 2019 20:20

Instrument :

MSVOA_W

ClientSampleId :

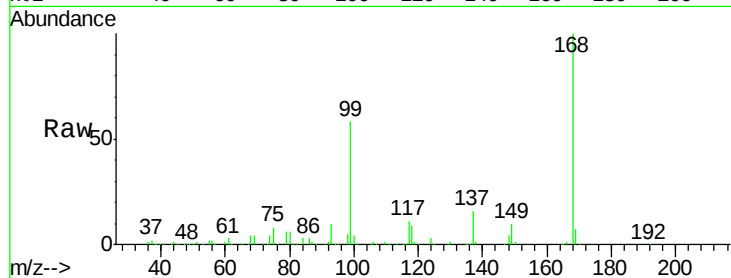
SB-7-(13-15)

Tot Ion:168 Resp: 230116

Ion Ratio Lower Upper

168 100

99 58.0 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

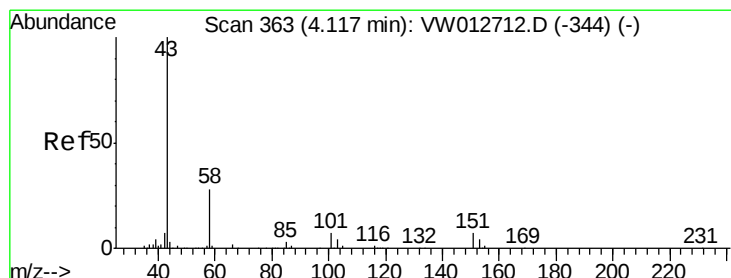
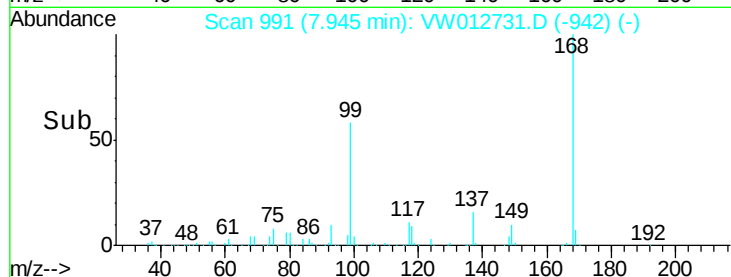
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 16.673 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.04 min

Lab File: VW012731.D

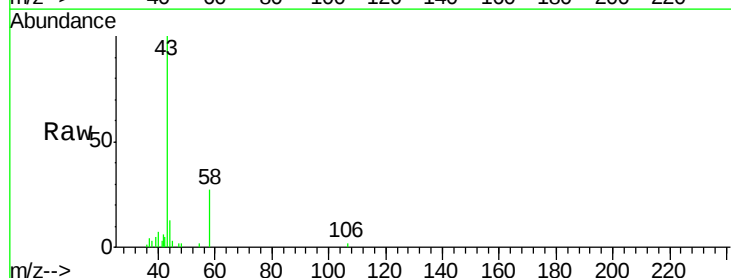
Acq: 07 Sep 2019 20:20

Tgt Ion: 43 Resp: 11687

Ion Ratio Lower Upper

43 100

58 26.9 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

4000

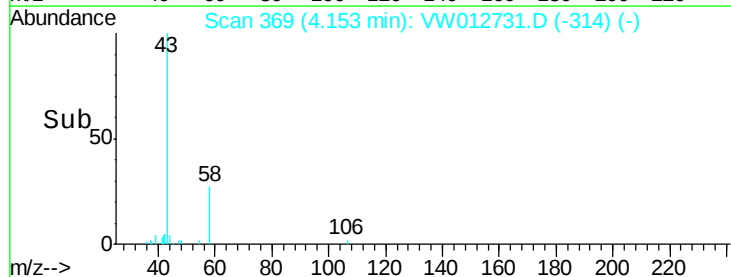
3000

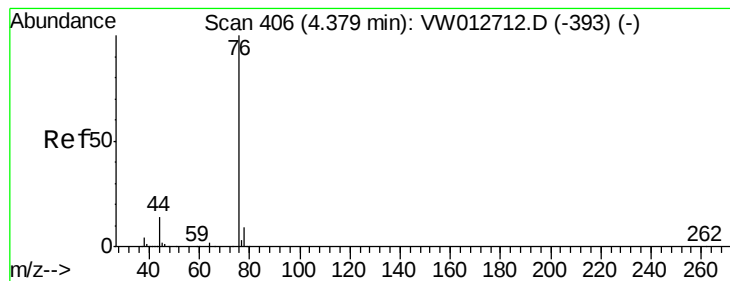
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 1.901 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012731.D

Acq: 07 Sep 2019 20:20

Instrument :

MSVOA_W

ClientSampled :

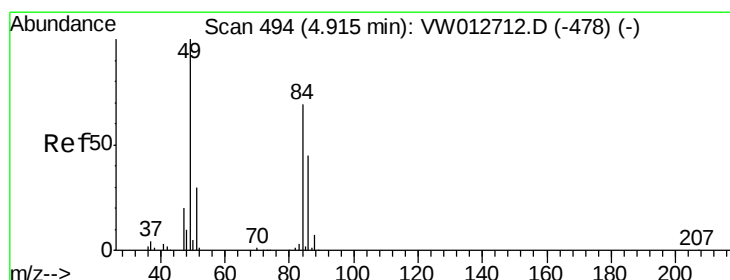
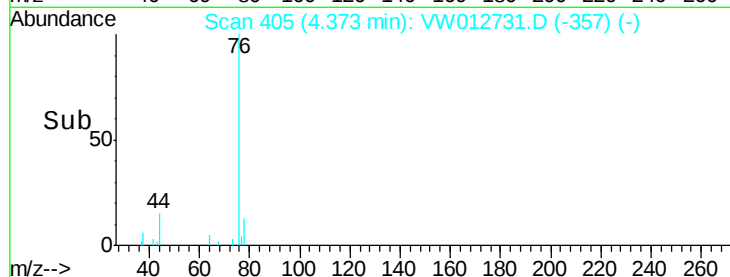
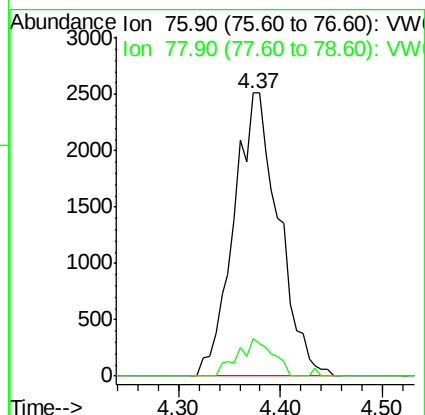
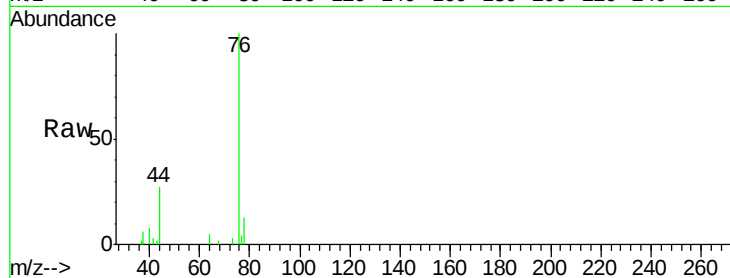
SB-7-(13-15)

Tot Ion: 76 Resp: 7669

Ion Ratio Lower Upper

76 100

78 13.3 7.2 10.8#



#20

Methylene Chloride

Concen: 4.923 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012731.D

Acq: 07 Sep 2019 20:20

Tgt Ion: 84 Resp: 10795

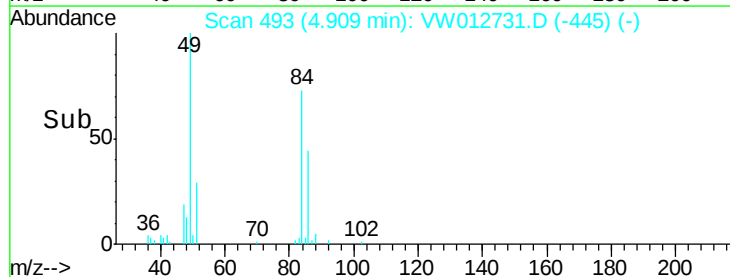
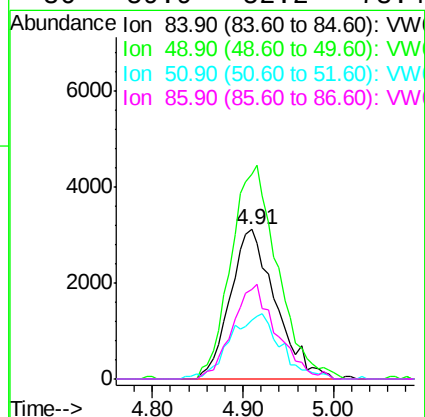
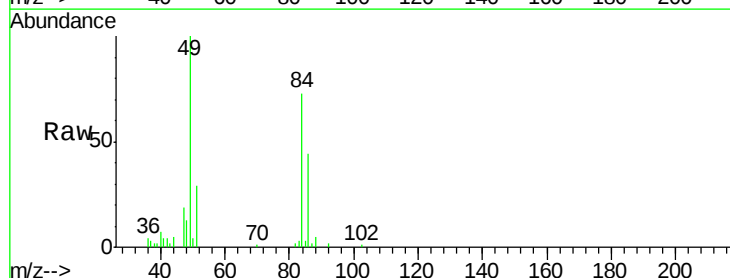
Ion Ratio Lower Upper

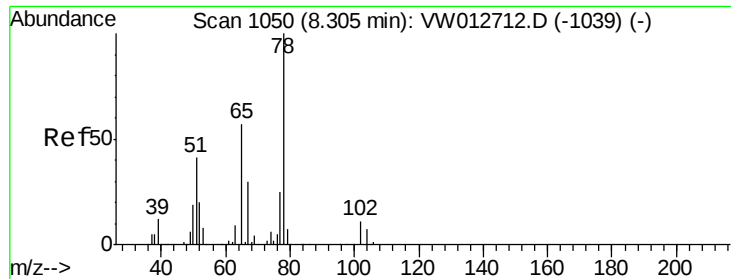
84 100

49 137.2 115.4 173.0

51 39.8 34.9 52.3

86 59.9 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 56.881 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012731.D

Acq: 07 Sep 2019 20:20

Instrument :

MSVOA_W

ClientSampleId :

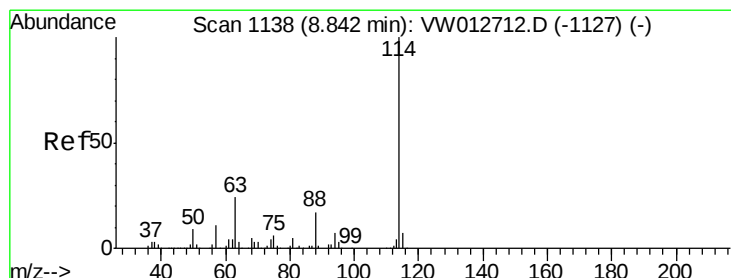
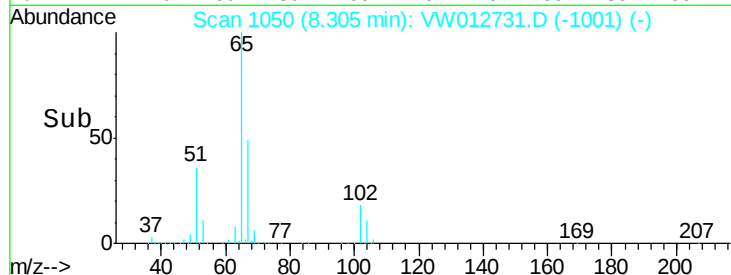
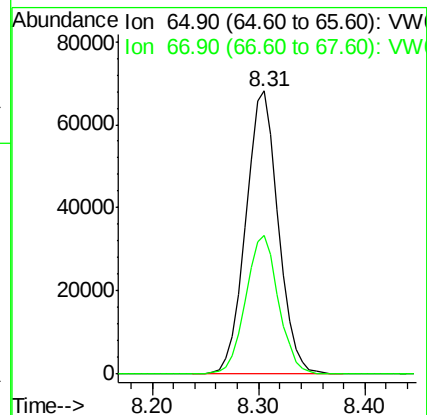
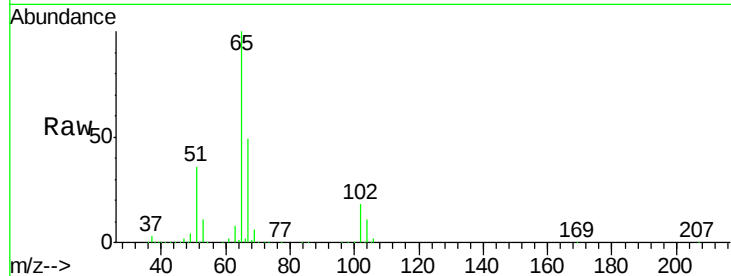
SB-7-(13-15)

Tot Ion: 65 Resp: 146249

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: VW012731.D

Acq: 07 Sep 2019 20:20

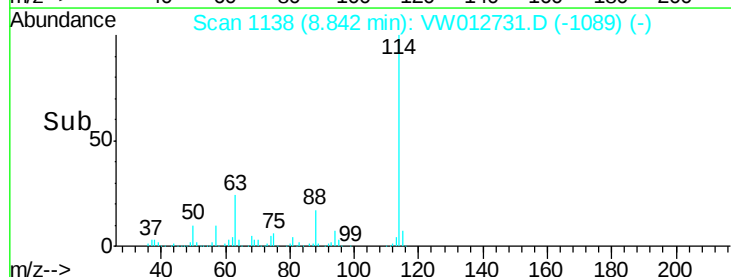
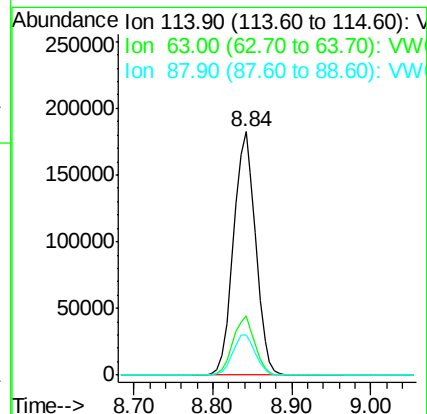
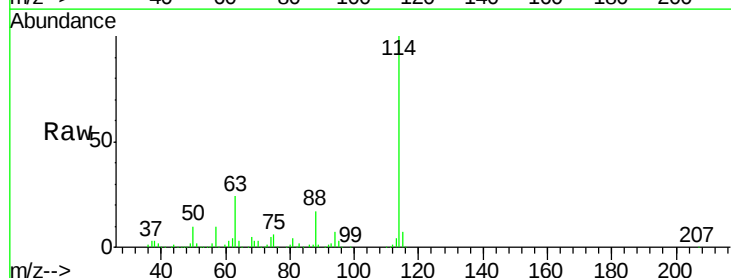
Tgt Ion: 114 Resp: 355919

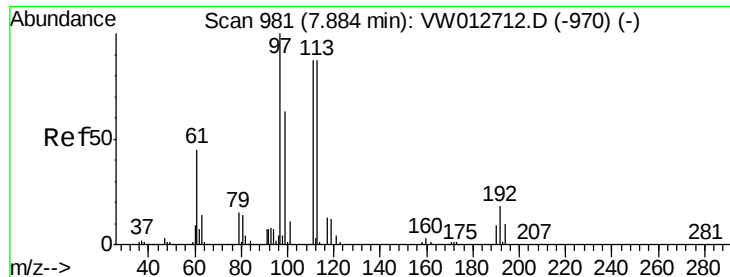
Ion Ratio Lower Upper

114 100

63 24.2 0.0 47.2

88 16.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.789 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012731.D

Acq: 07 Sep 2019 20:20

Instrument :

MSVOA_W

ClientSampleId :

SB-7-(13-15)

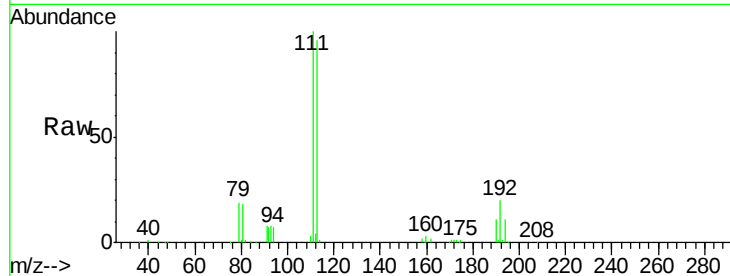
Tot Ion:113 Resp: 107472

Ion Ratio Lower Upper

113 100

111 101.2 80.2 120.4

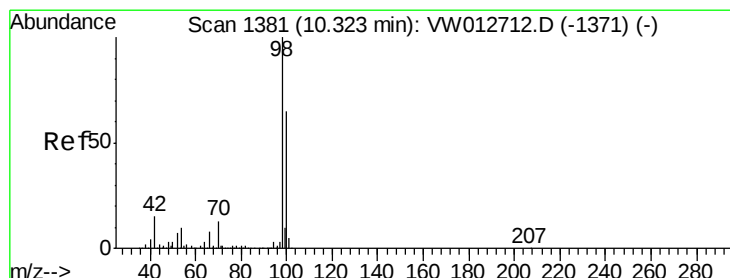
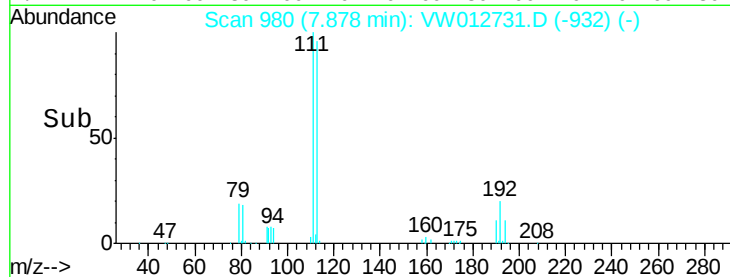
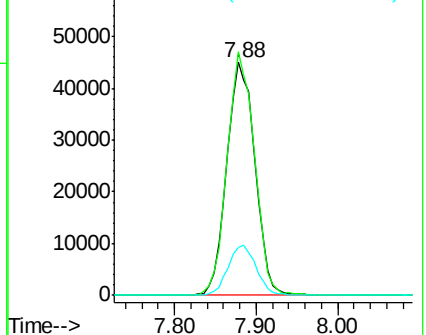
192 21.5 17.3 25.9



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: 50.480 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012731.D

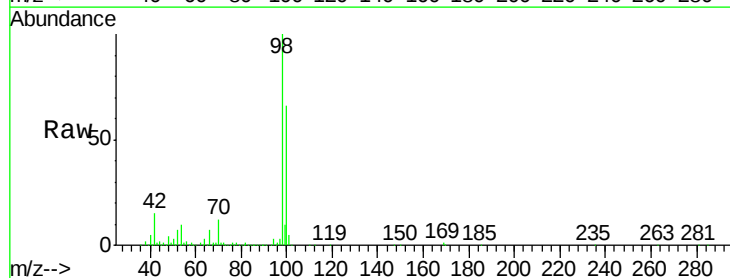
Acq: 07 Sep 2019 20:20

Tgt Ion: 98 Resp: 418487

Ion Ratio Lower Upper

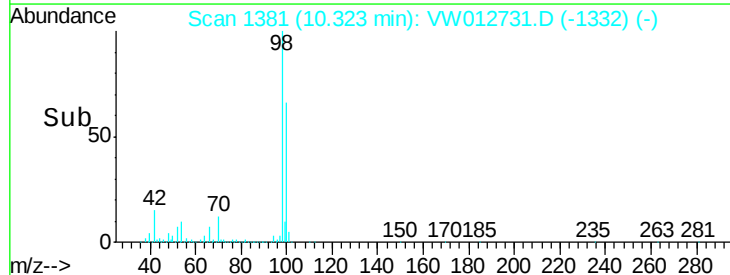
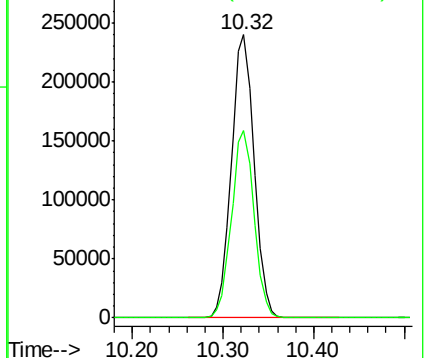
98 100

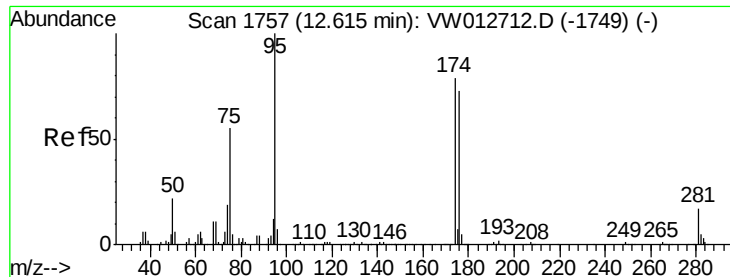
100 65.7 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 44.485 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012731.D

Acq: 07 Sep 2019 20:20

Instrument :

MSVOA_W

ClientSampleId :

SB-7-(13-15)

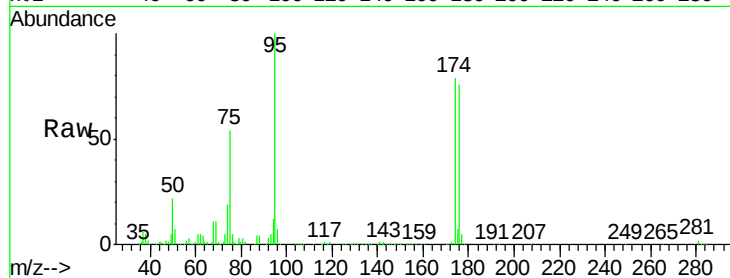
Tot Ion: 95 Resp: 133882

Ion Ratio Lower Upper

95 100

174 81.5 0.0 161.0

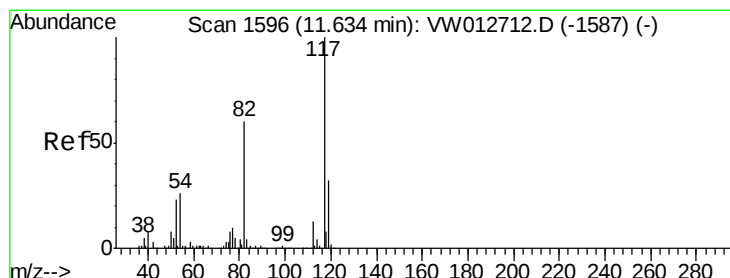
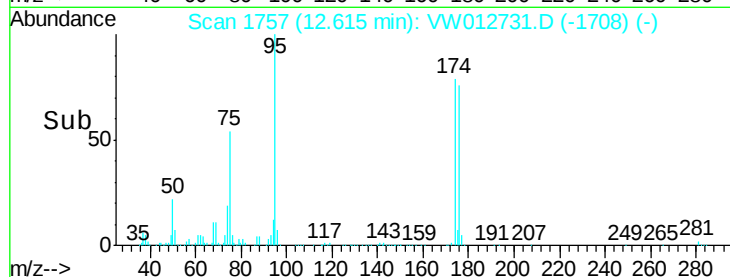
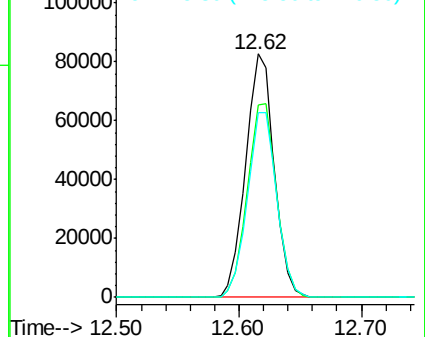
176 78.4 0.0 156.4



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: VW012731.D

Acq: 07 Sep 2019 20:20

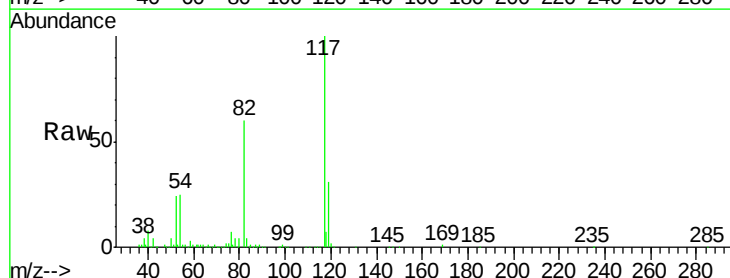
Tgt Ion: 117 Resp: 296219

Ion Ratio Lower Upper

117 100

82 60.4 48.2 72.4

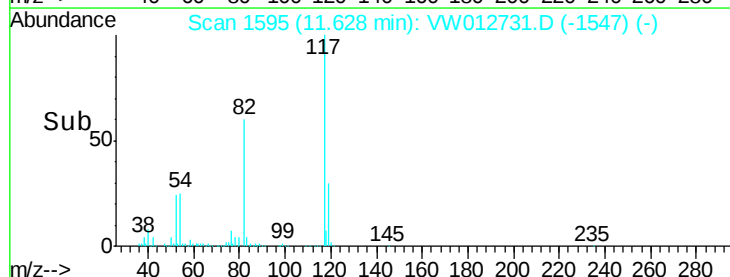
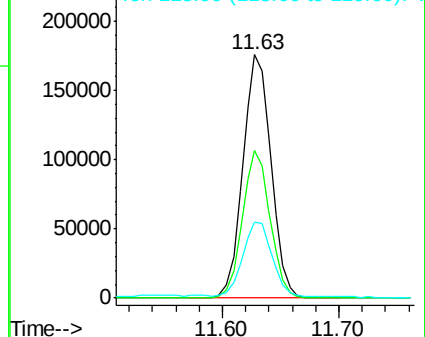
119 30.4 25.8 38.6

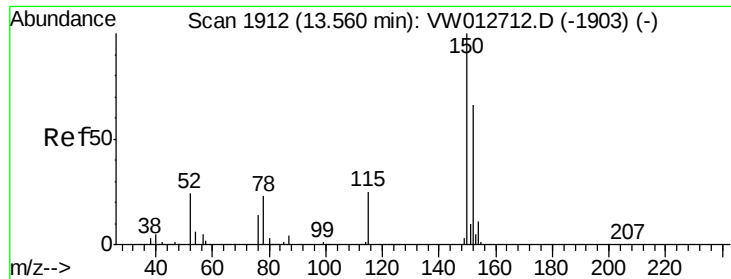


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012731.D

Acq: 07 Sep 2019 20:20

Instrument :

MSVOA_W

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SB-7-(13-15)

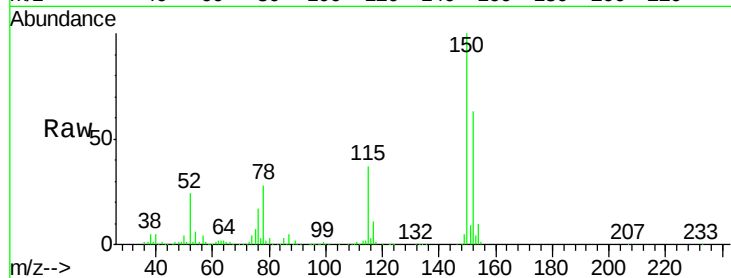
Tot Ion:152 Resp: 122554

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.1

150 158.1 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

