

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011466.D
 Acq On : 24 Jul 2019 11:22
 Operator : SY/VA
 Sample : K3928-01
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Jul 24 12:12:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

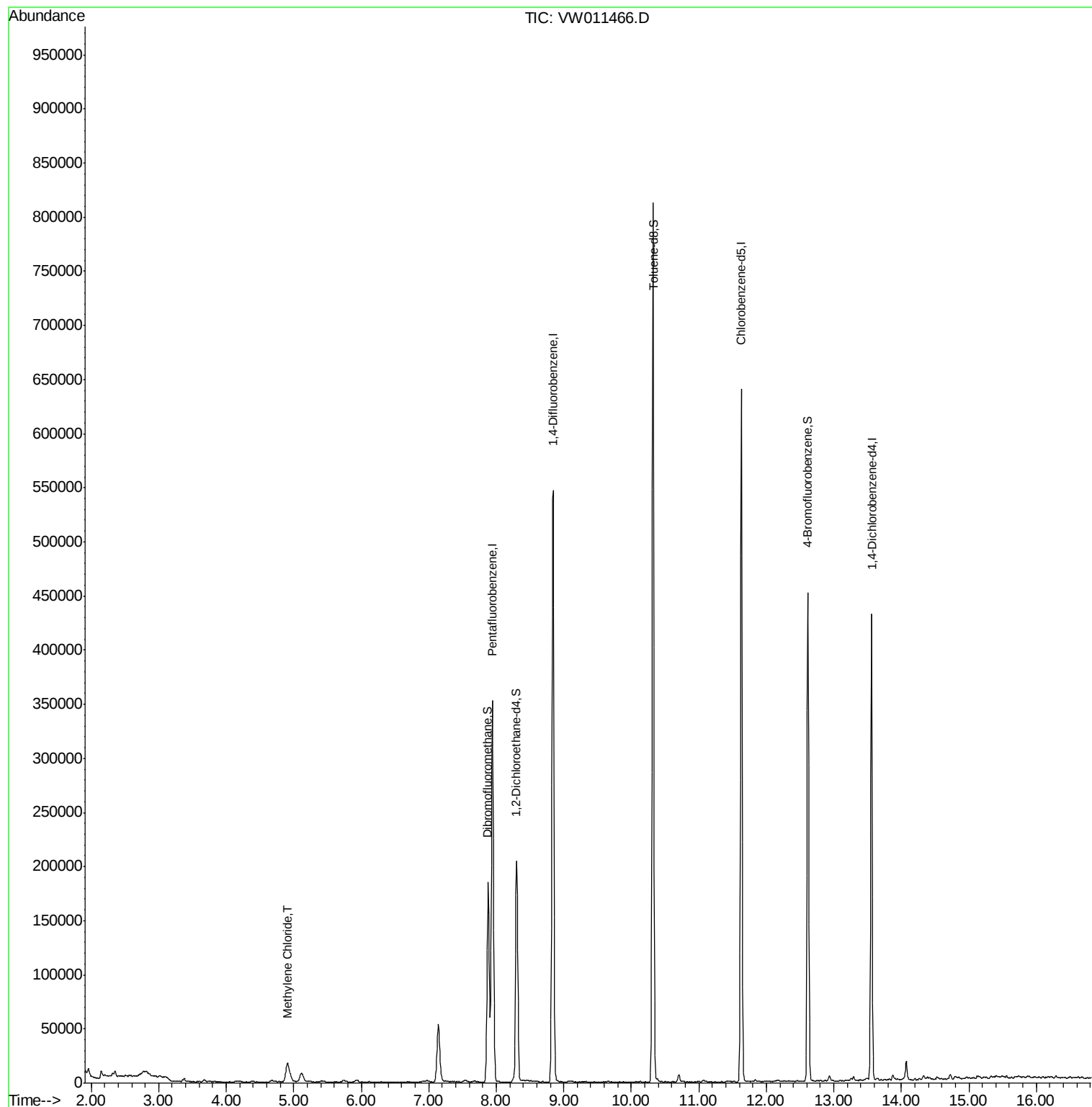
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	444672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	165272	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	7.88	113	134223	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
50) Toluene-d8	10.32	98	521637	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.62	95	145763	37.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.24%	
Target Compounds						
20) Methylene Chloride	4.90	84	13387	4.192	ug/l #	92

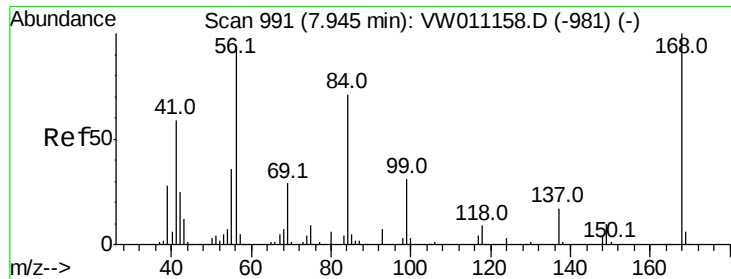
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 11 08:14:17 2019
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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: VW011466.D

Acq: 24 Jul 2019 11:22

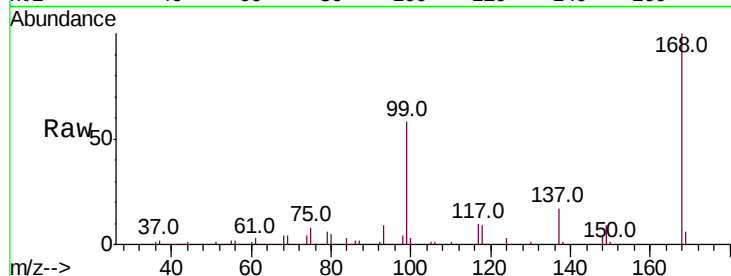
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-COMP

Tot Ion:168 Resp: 267757

Ion Ratio Lower Upper

168 100

99 58.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

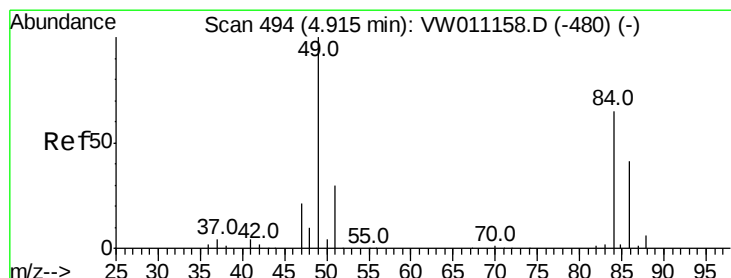
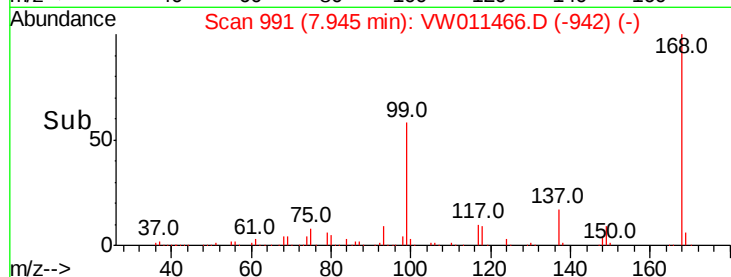
100000

50000

0

Time-->

7.90 8.00



#20

Methylene Chloride

Concen: 4.192 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW011466.D

Acq: 24 Jul 2019 11:22

Tgt Ion: 84 Resp: 13387

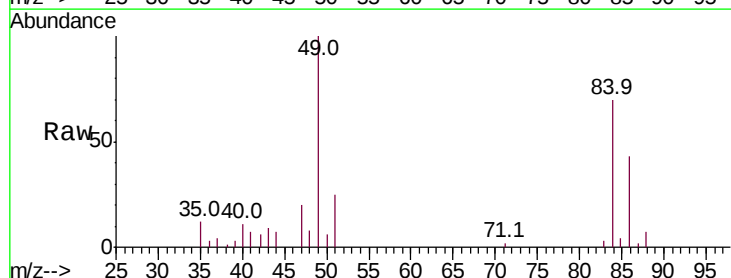
Ion Ratio Lower Upper

84 100

49 143.7 123.8 185.6

51 36.6 37.4 56.2#

86 62.1 51.1 76.7



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

8000

6000

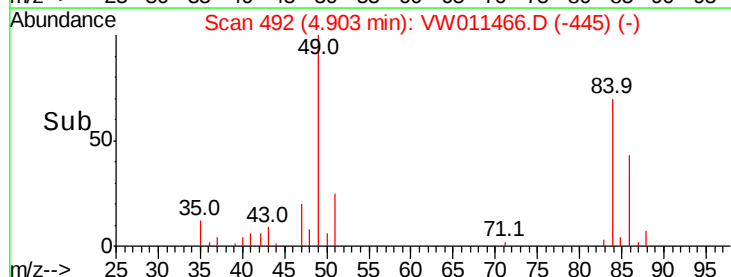
4000

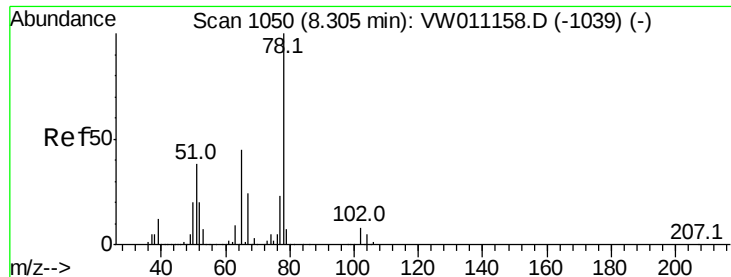
2000

0

Time-->

4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 49.123 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011466.D

Acq: 24 Jul 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

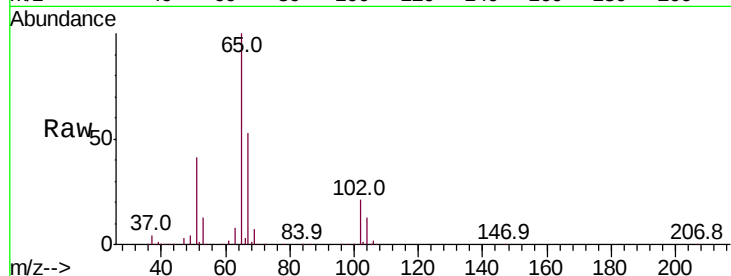
ROLL-OFF-COMP

Tot Ion: 65 Resp: 165272

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4

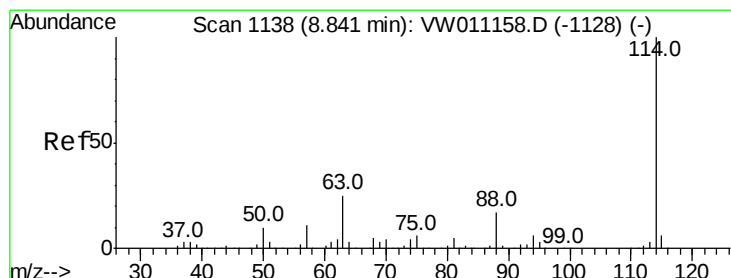
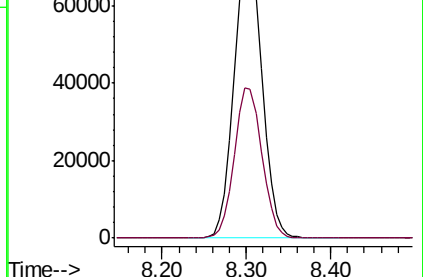
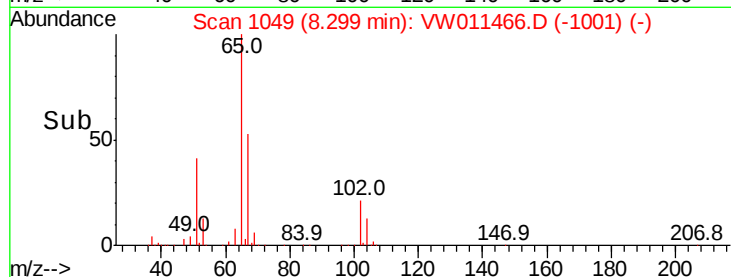


Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011466.D

Acq: 24 Jul 2019 11:22

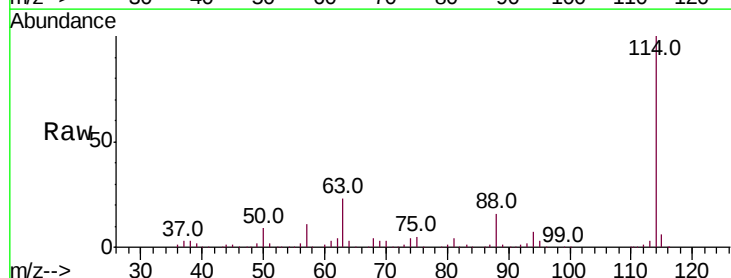
Tgt Ion:114 Resp: 444672

Ion Ratio Lower Upper

114 100

63 23.2 0.0 50.8

88 16.2 0.0 34.2



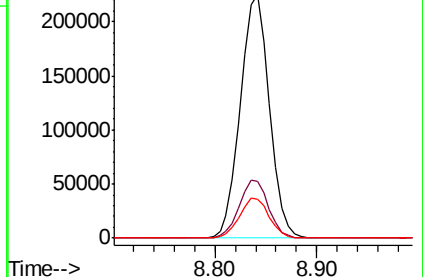
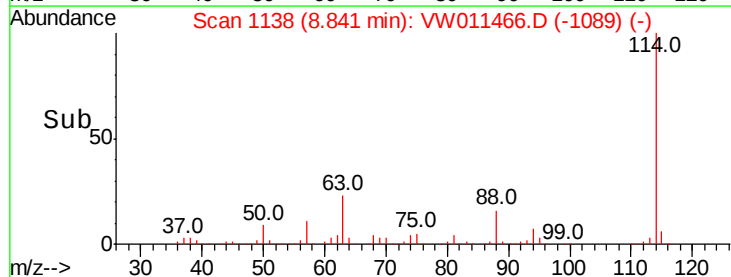
Abundance Ion 113.90 (113.60 to 114.60): V

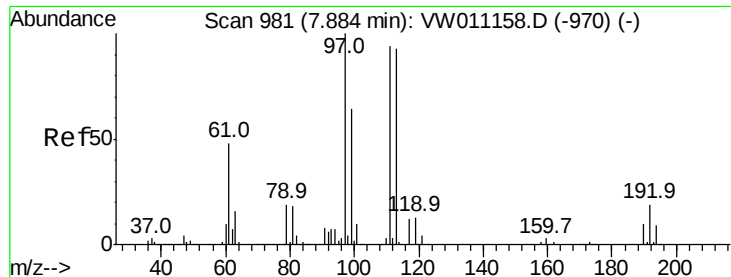
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

Time-->

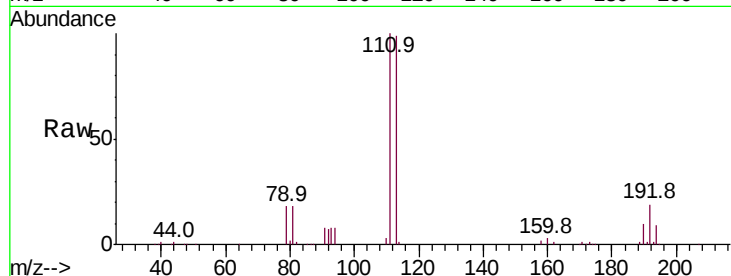




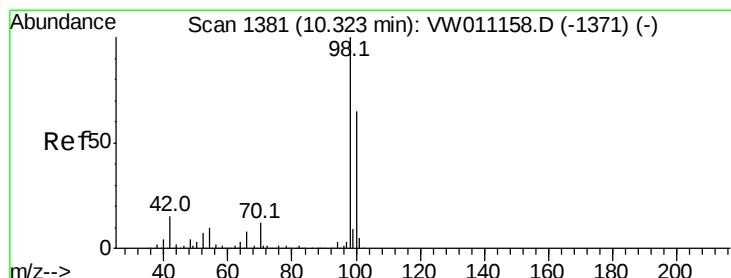
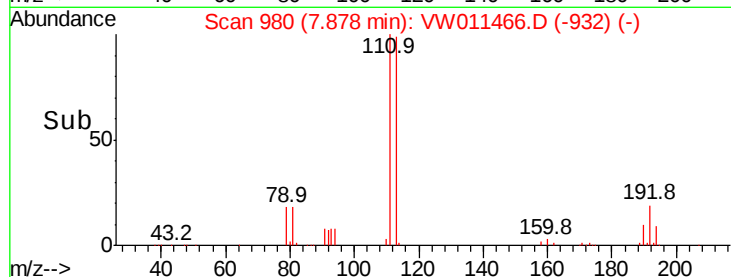
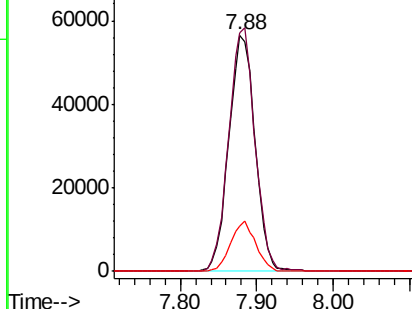
#35
 Dibromofluoromethane
 Concen: 50.642 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011466.D
 Acq: 24 Jul 2019 11:22

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	20.3	15.8	23.8

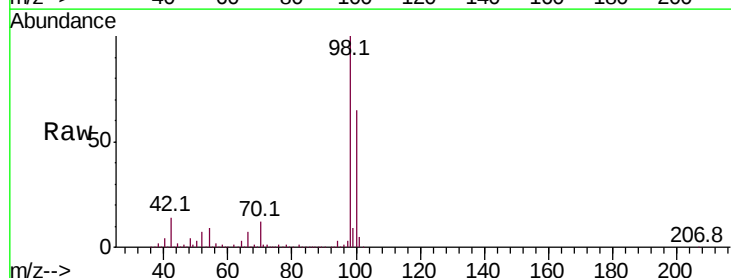


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

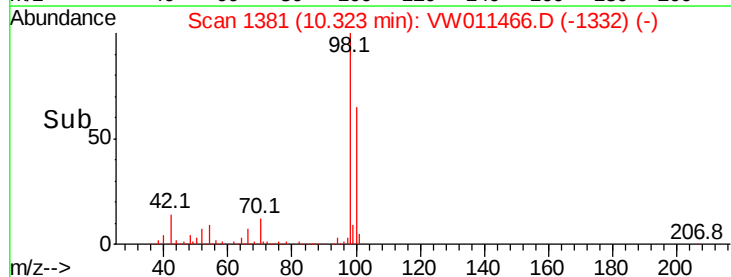
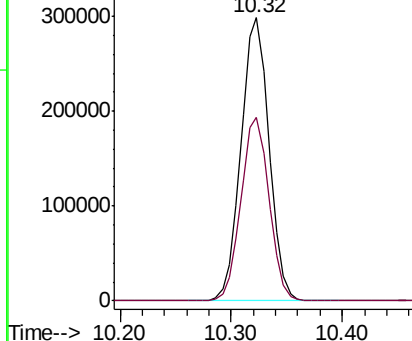


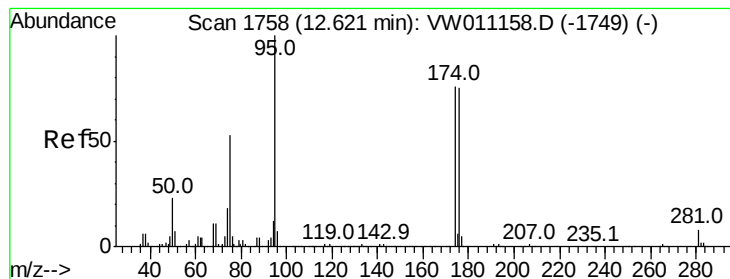
#50
 Toluene-d8
 Concen: 48.690 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011466.D
 Acq: 24 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 37.119 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011466.D

Acq: 24 Jul 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

ROLL-OFF-COMP

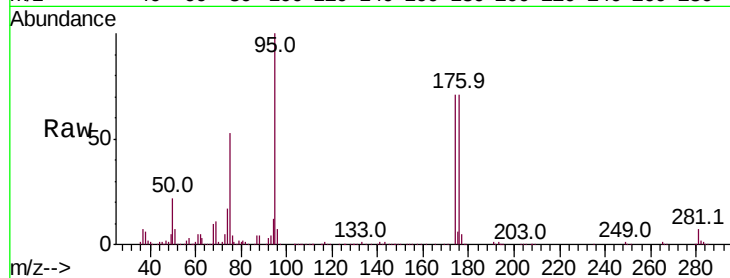
Tot Ion: 95 Resp: 145763

Ion Ratio Lower Upper

95 100

174 75.4 0.0 147.6

176 74.2 0.0 144.6



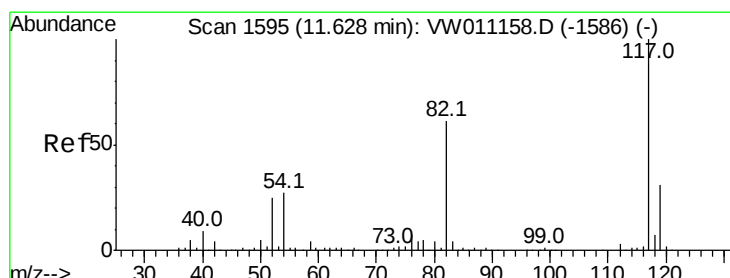
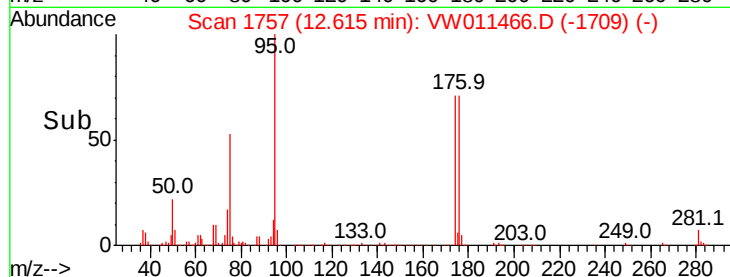
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.62

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW011466.D

Acq: 24 Jul 2019 11:22

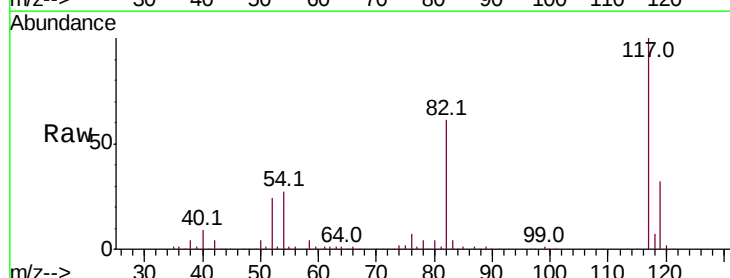
Tgt Ion: 117 Resp: 335198

Ion Ratio Lower Upper

117 100

82 61.0 48.9 73.3

119 32.4 25.0 37.6



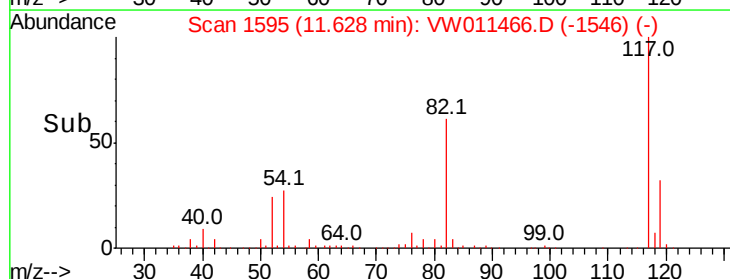
Abundance Ion 116.90 (116.60 to 117.60): VW

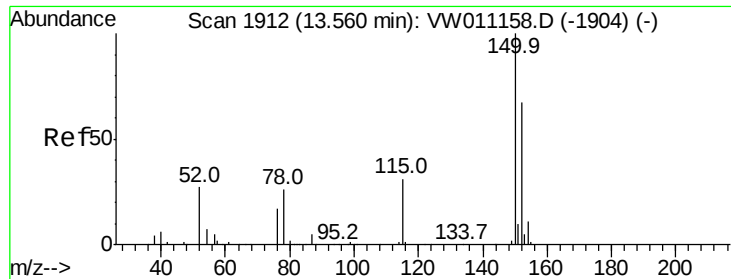
Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

11.63

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011466.D

Acq: 24 Jul 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

ROLL-OFF-COMP

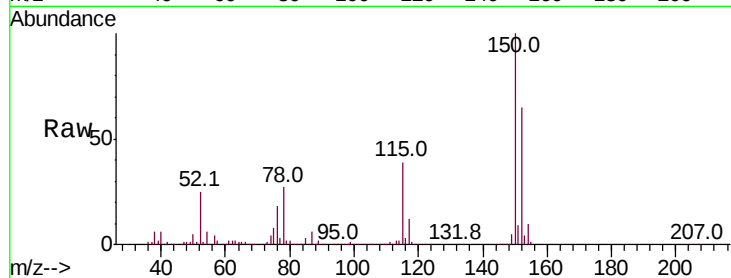
Tot Ion:152 Resp: 108894

Ion Ratio Lower Upper

152 100

115 58.9 30.1 90.3

150 156.3 0.0 346.0



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

