

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011485.D
 Acq On : 24 Jul 2019 19:44
 Operator : SY/VA
 Sample : K3990-02
 Misc : 4.67G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-B

Quant Time: Jul 25 05:49:40 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

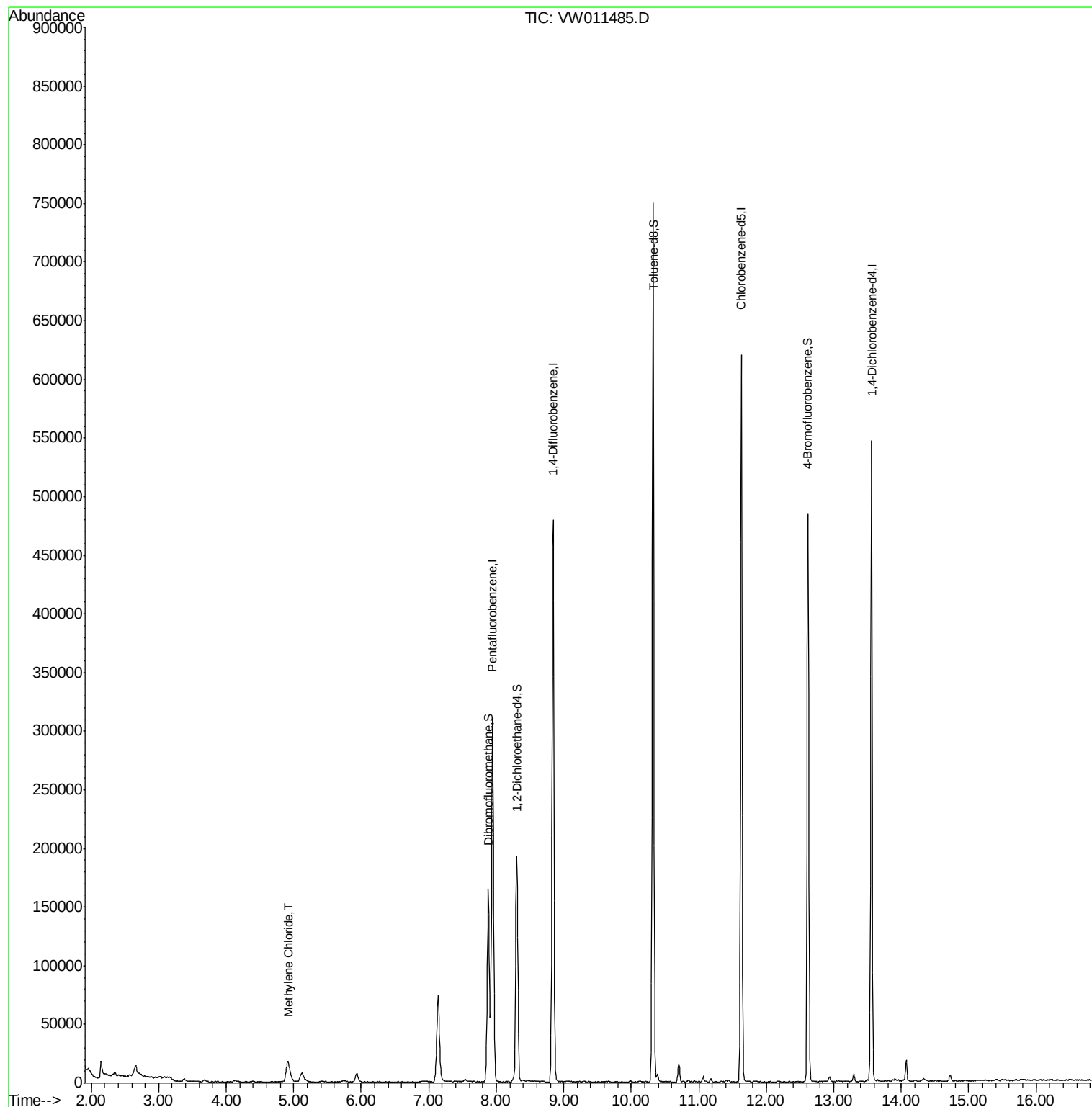
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	385794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152282	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
35) Dibromofluoromethane	7.88	113	116669	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
50) Toluene-d8	10.32	98	467989	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.62	95	155657	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
Target Compounds						
20) Methylene Chloride	4.91	84	14401	5.247	ug/l	Qvalue 89

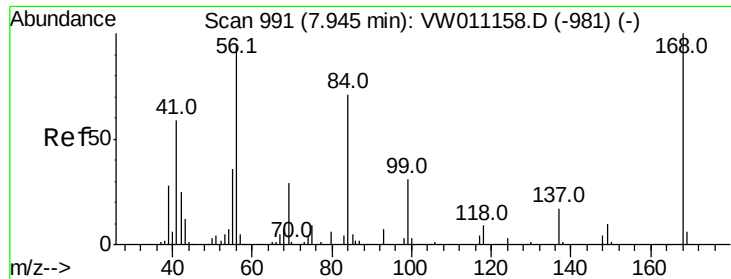
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011485.D

Acq: 24 Jul 2019 19:44

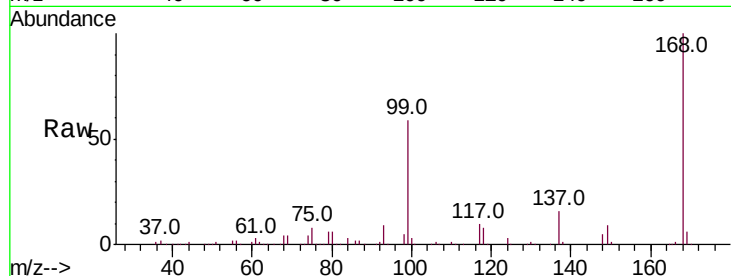
Instrument :
MSVOA_W
ClientSampleId :
TP-1-B

Tot Ion:168 Resp: 230135

Ion Ratio Lower Upper

168 100

99 58.8 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

120000

100000

80000

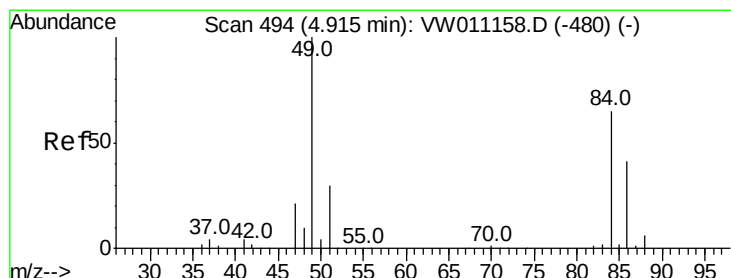
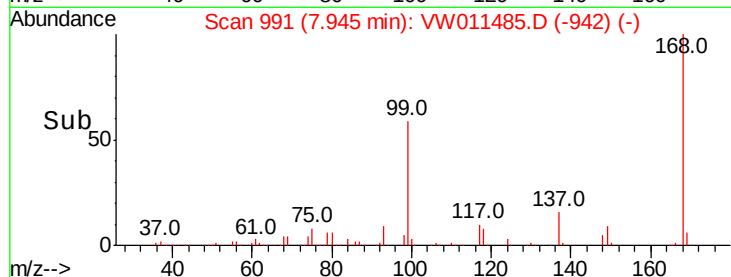
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.247 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011485.D

Acq: 24 Jul 2019 19:44

Tgt Ion: 84 Resp: 14401

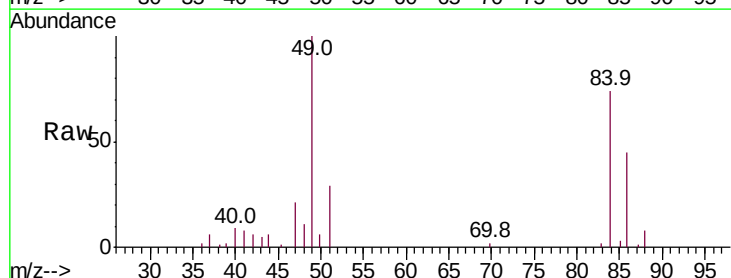
Ion Ratio Lower Upper

84 100

49 135.6 123.8 185.6

51 39.1 37.4 56.2

86 61.3 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

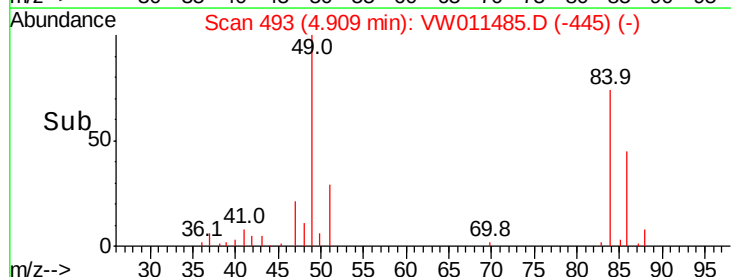
6000

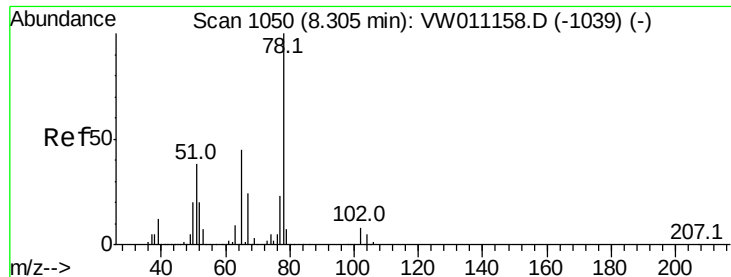
4000

2000

0

Time--> 4.80 4.90 5.00 5.10

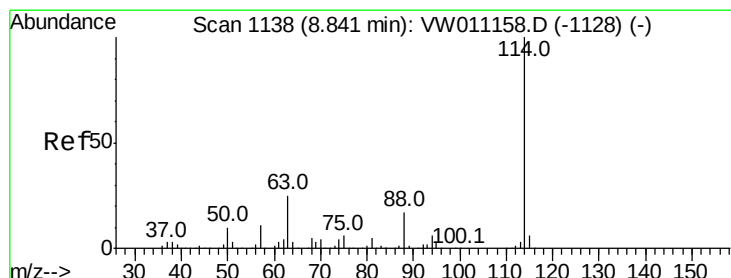
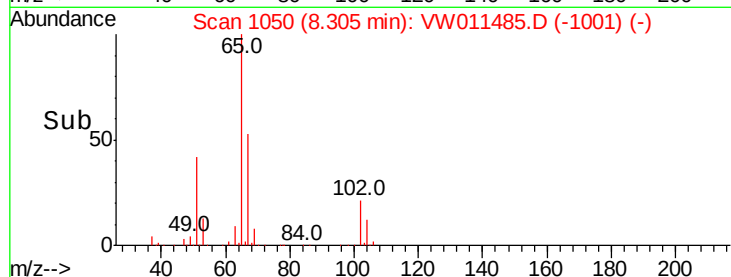
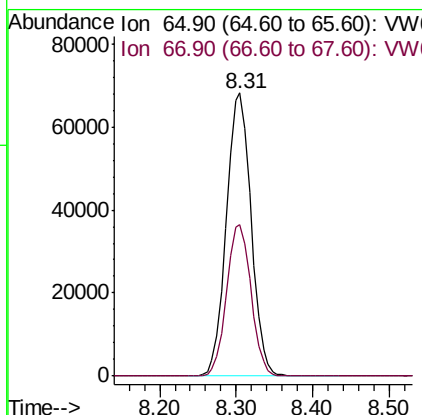
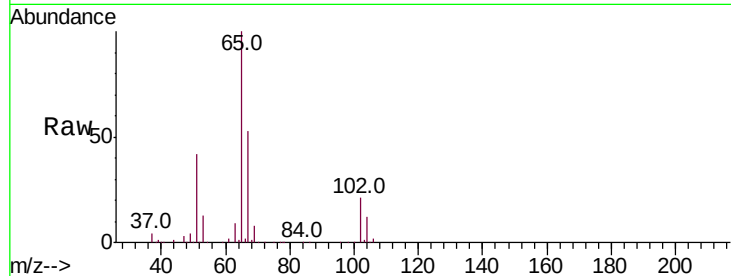




#33
 1,2-Dichloroethane-d4
 Concen: 52.661 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011485.D
 Acq: 24 Jul 2019 19:44

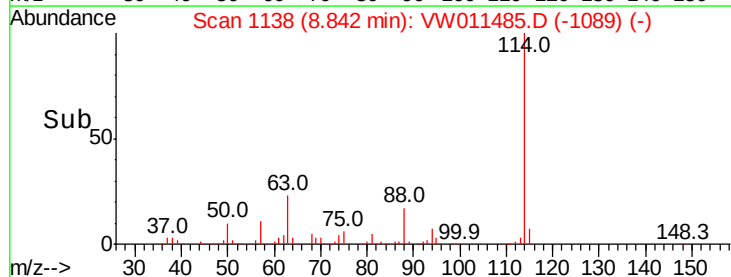
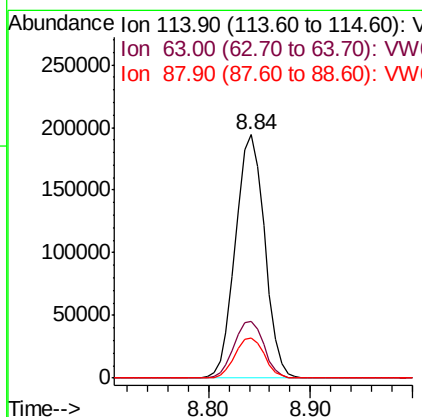
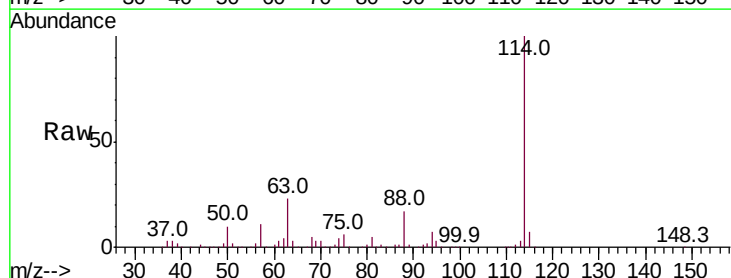
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-B

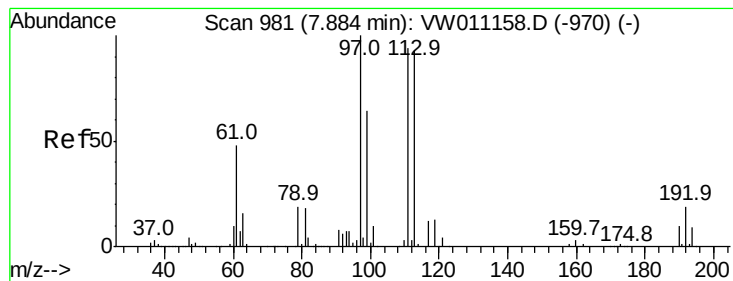
Tot Ion: 65 Resp: 152282
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011485.D
 Acq: 24 Jul 2019 19:44

Tgt Ion: 114 Resp: 385794
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 50.8
 88 16.5 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.737 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011485.D

Acq: 24 Jul 2019 19:44

Instrument :

MSVOA_W

ClientSampled :

TP-1-B

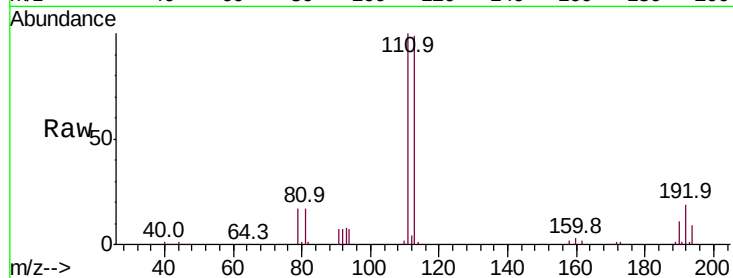
Tot Ion:113 Resp: 116669

Ion Ratio Lower Upper

113 100

111 104.4 82.4 123.6

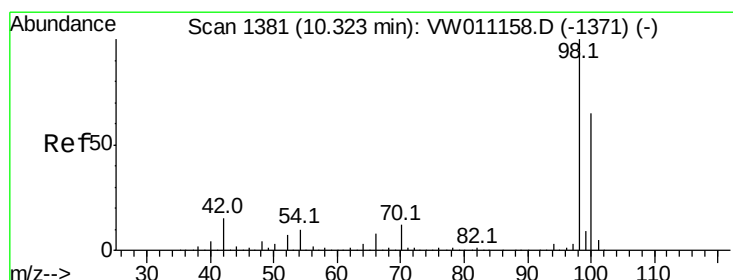
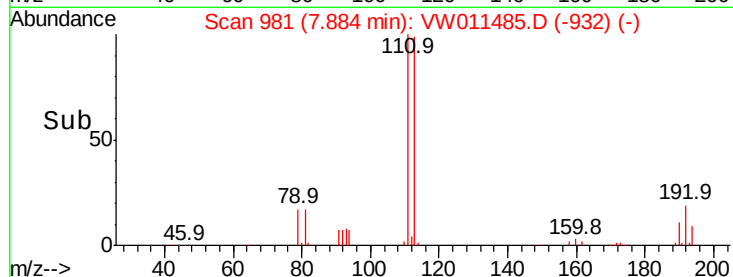
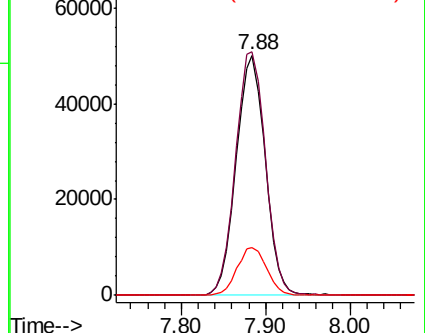
192 20.3 15.8 23.8



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: 50.349 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011485.D

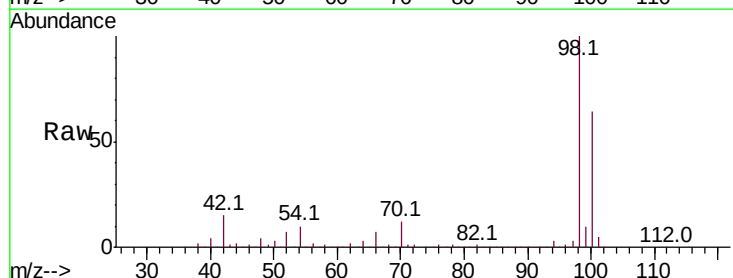
Acq: 24 Jul 2019 19:44

Tgt Ion: 98 Resp: 467989

Ion Ratio Lower Upper

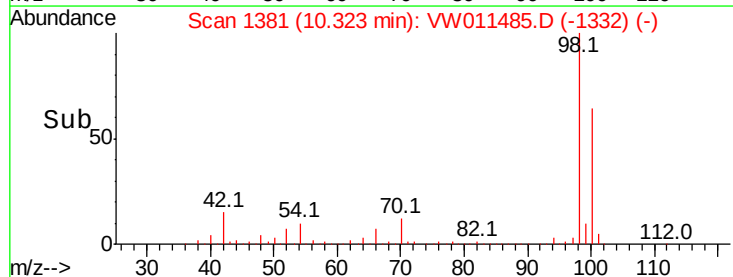
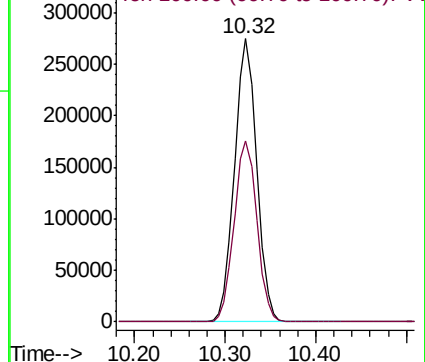
98 100

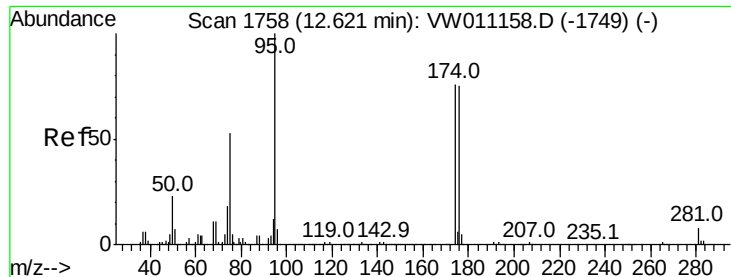
100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 45.688 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011485.D

Acq: 24 Jul 2019 19:44

Instrument :

MSVOA_W

ClientSampleId :

TP-1-B

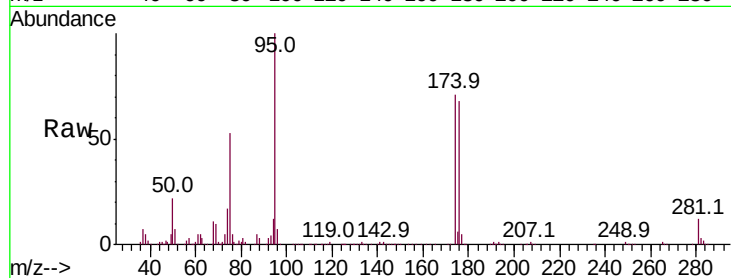
Tot Ion: 95 Resp: 155657

Ion Ratio Lower Upper

95 100

174 75.5 0.0 147.6

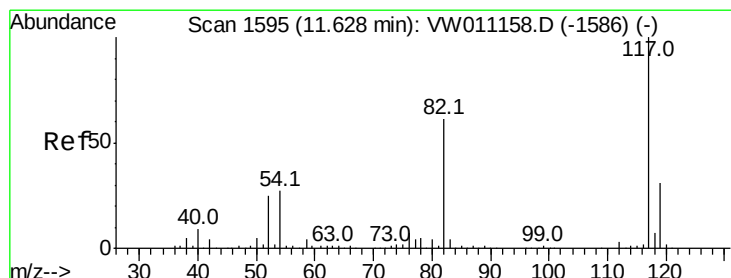
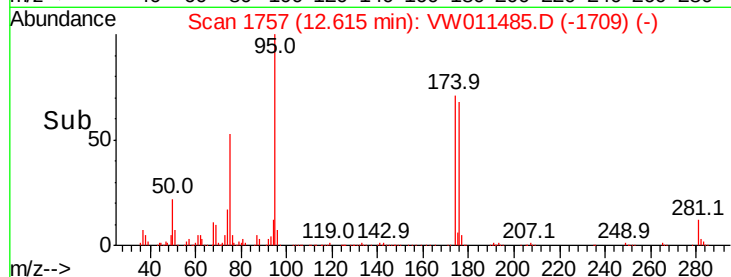
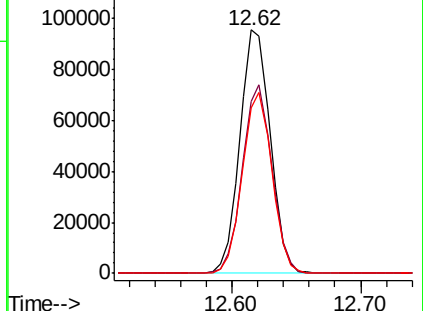
176 72.3 0.0 144.6



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW011485.D

Acq: 24 Jul 2019 19:44

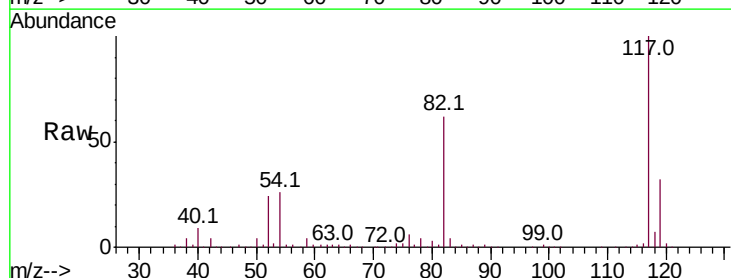
Tgt Ion: 117 Resp: 322709

Ion Ratio Lower Upper

117 100

82 61.9 48.9 73.3

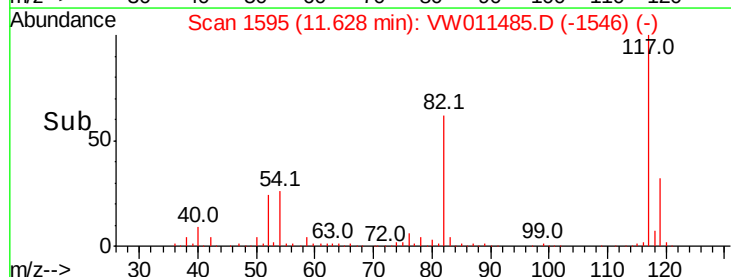
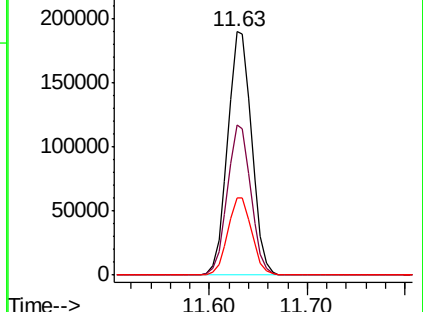
119 32.0 25.0 37.6

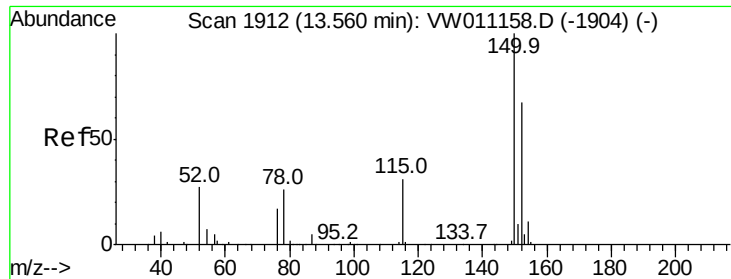


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011485.D

Acq: 24 Jul 2019 19:44

Instrument :

MSVOA_W

ClientSampleId :

TP-1-B

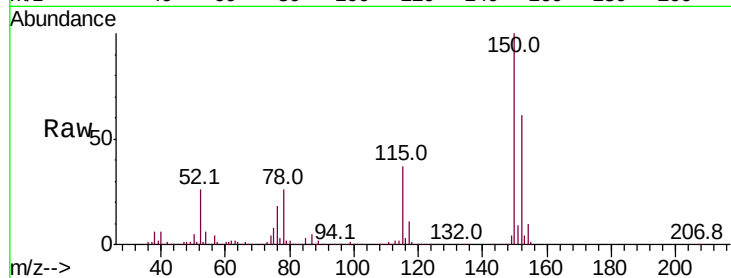
Tot Ion:152 Resp: 134856

Ion Ratio Lower Upper

152 100

115 61.0 30.1 90.3

150 159.6 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

