

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011483.D
 Acq On : 24 Jul 2019 18:51
 Operator : SY/VA
 Sample : K3961-03
 Misc : 8.95G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-A

Quant Time: Jul 25 05:38:16 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

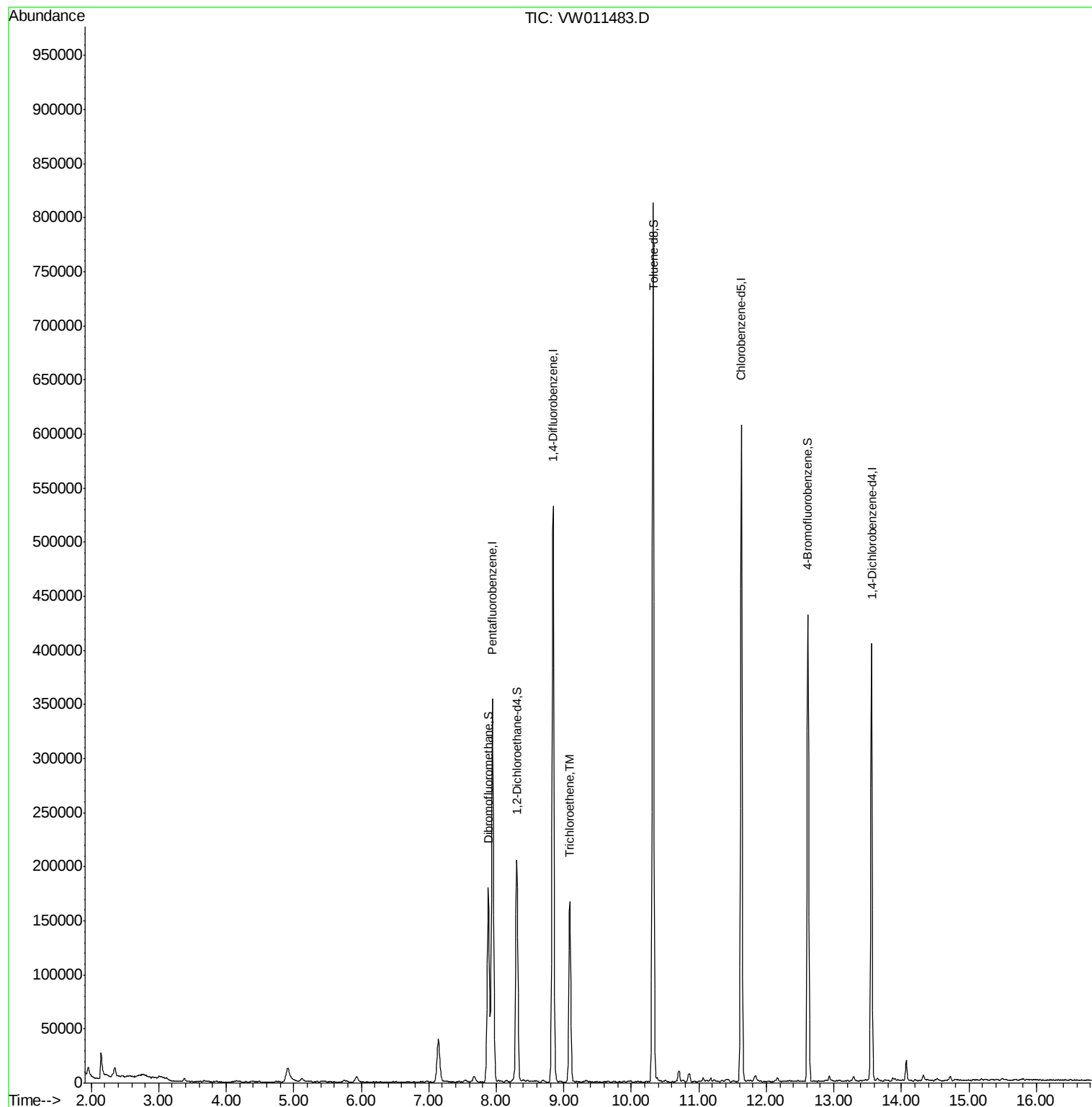
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	424361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	103946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	163530	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
35) Dibromofluoromethane	7.88	113	130144	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
50) Toluene-d8	10.32	98	513285	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	139061	37.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.22%	
Target Compounds						
44) Trichloroethene	9.09	130	58132	19.343	ug/l	Qvalue 97

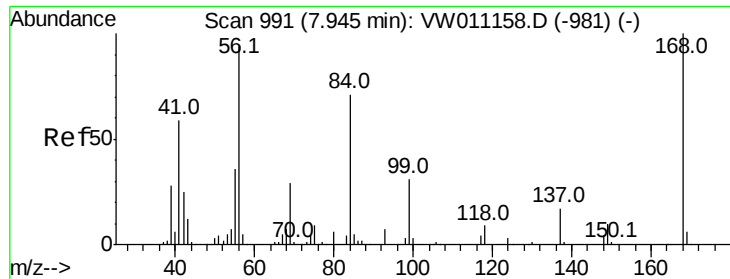
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011483.D

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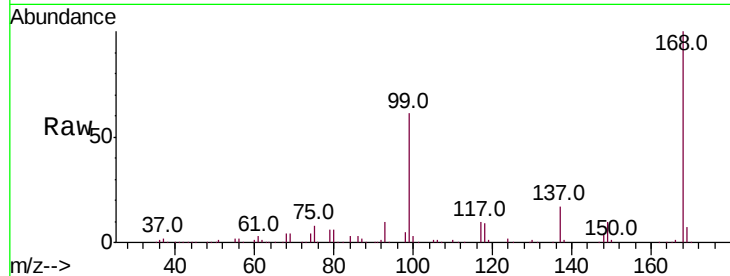
Instrument :
MSVOA_W
ClientSampled :
TP-10-A

Tot Ion:168 Resp: 256129

Ion Ratio Lower Upper

168 100

99 61.4 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

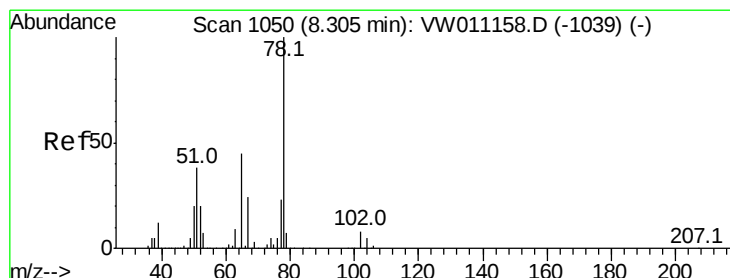
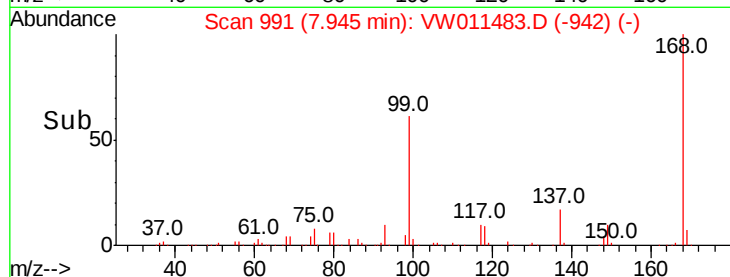
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 50.812 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011483.D

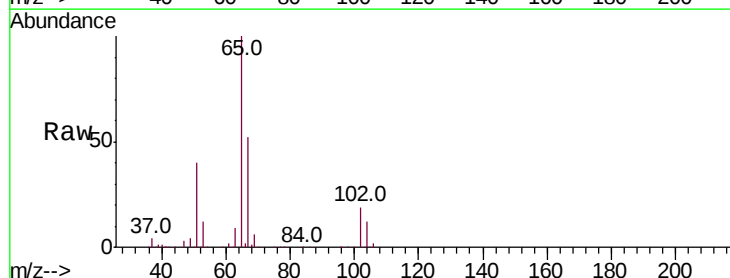
Acq: 24 Jul 2019 18:51

Tgt Ion: 65 Resp: 163530

Ion Ratio Lower Upper

65 100

67 52.0 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

80000

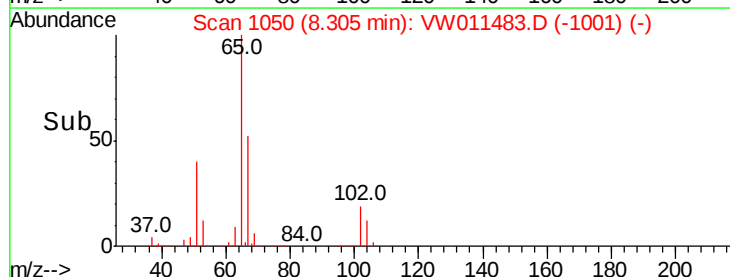
60000

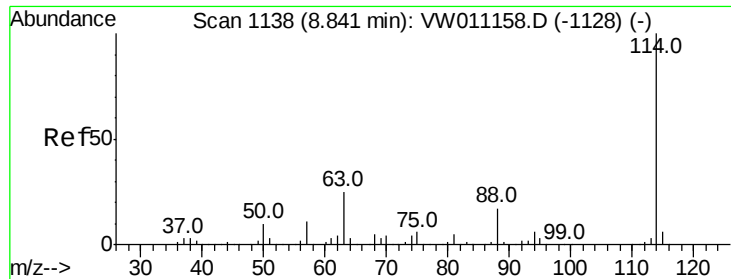
40000

20000

0

Time--> 8.20 8.30 8.40

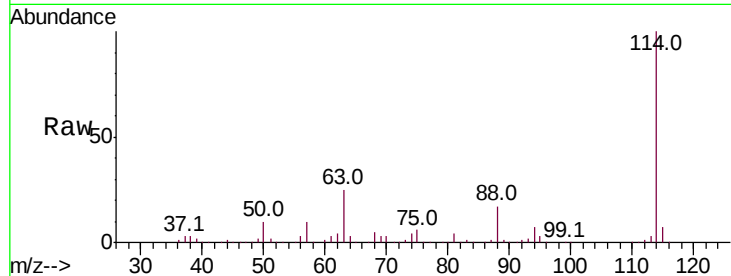




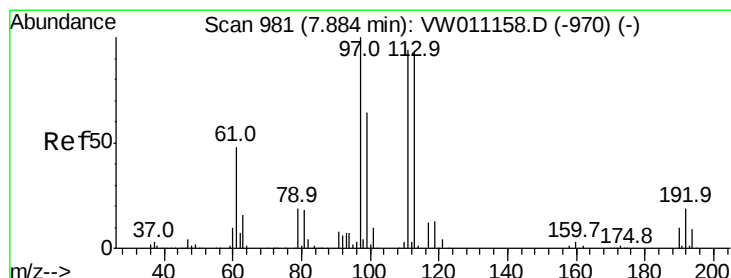
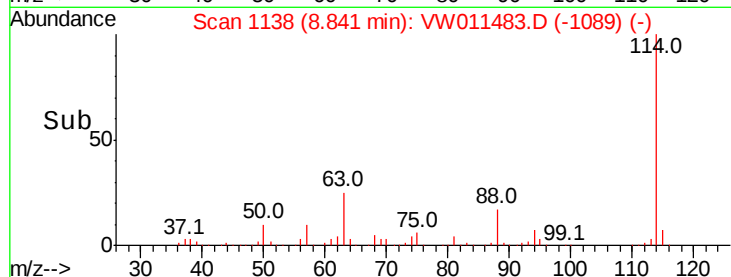
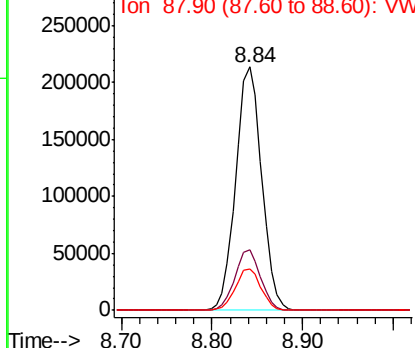
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011483.D
 Acq: 24 Jul 2019 18:51

Instrument :
 MSVOA_W
 ClientSampled :
 TP-10-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	50.8
88	16.9	0.0	34.2

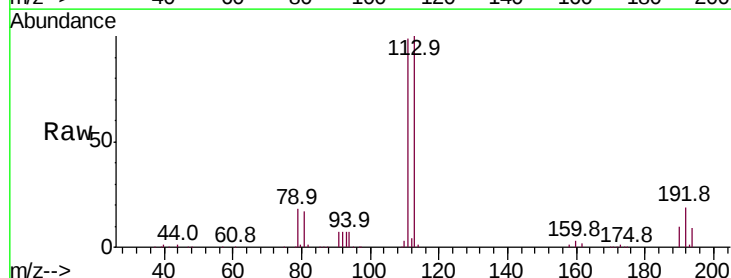


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

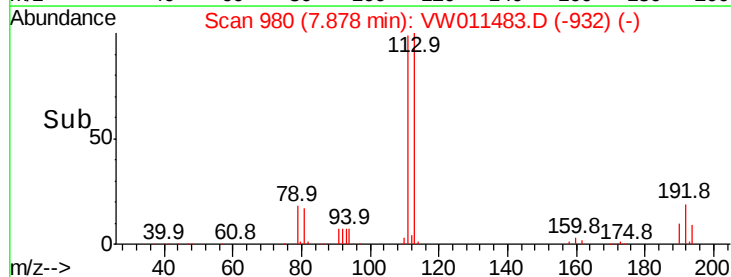
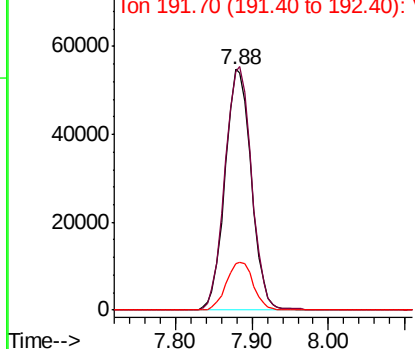


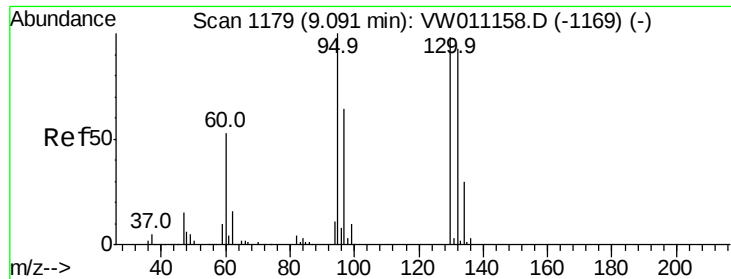
#35
 Dibromofluoromethane
 Concen: 51.453 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011483.D
 Acq: 24 Jul 2019 18:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	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





#44

Trichloroethene

Concen: 19.343 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011483.D

Acq: 24 Jul 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

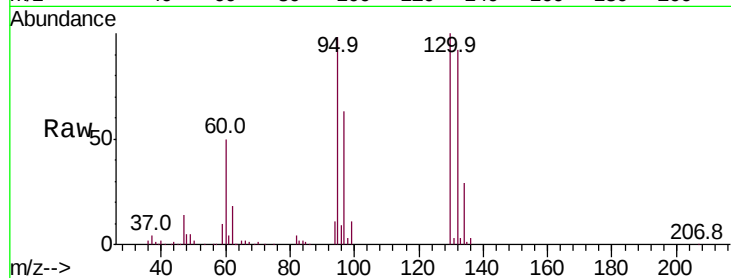
TP-10-A

Tot Ion:130 Resp: 58132

Ion Ratio Lower Upper

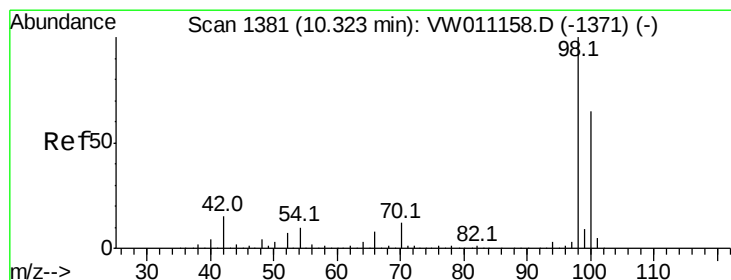
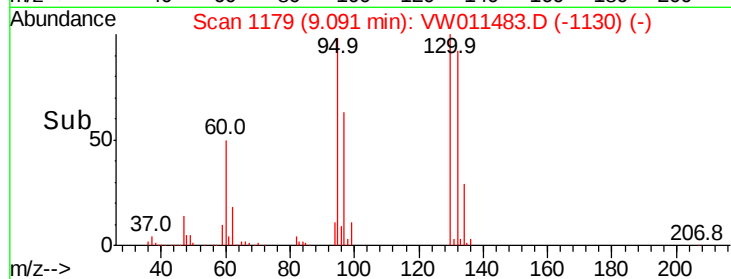
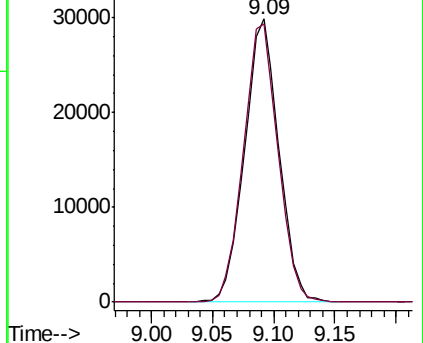
130 100

95 98.4 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#50

Toluene-d8

Concen: 50.203 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011483.D

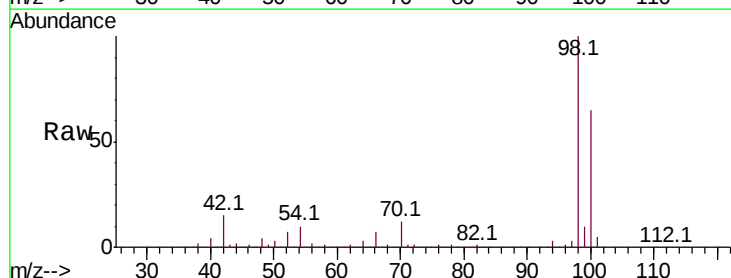
Acq: 24 Jul 2019 18:51

Tgt Ion: 98 Resp: 513285

Ion Ratio Lower Upper

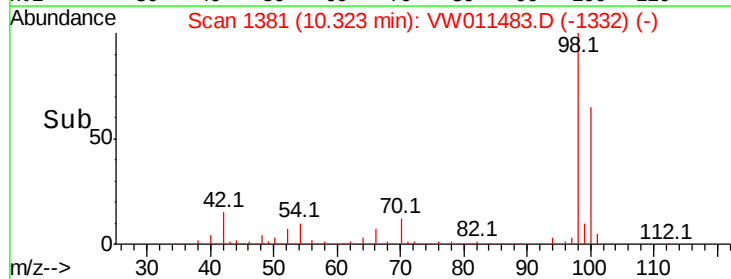
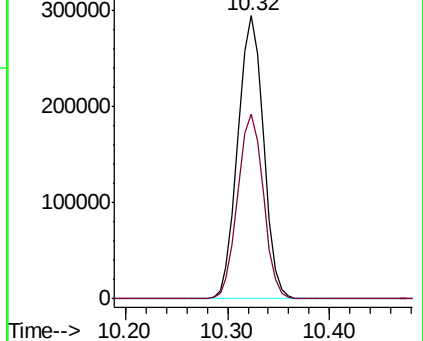
98 100

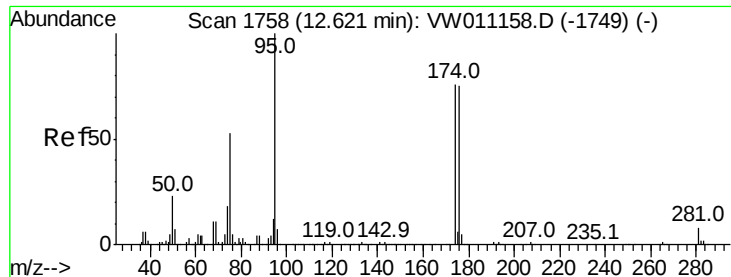
100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

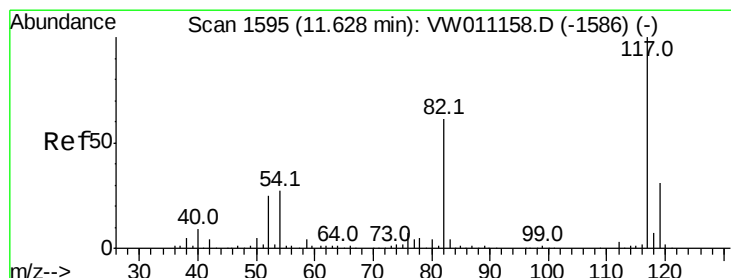
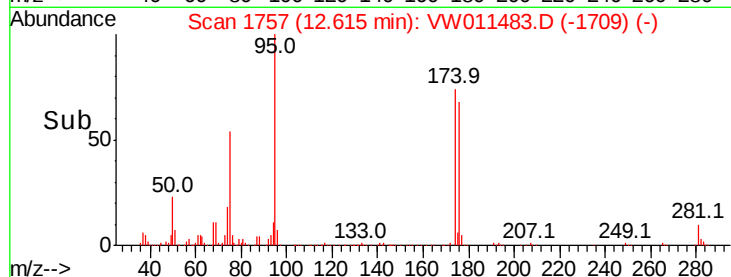
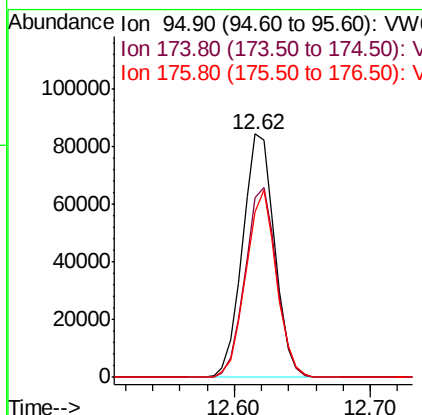
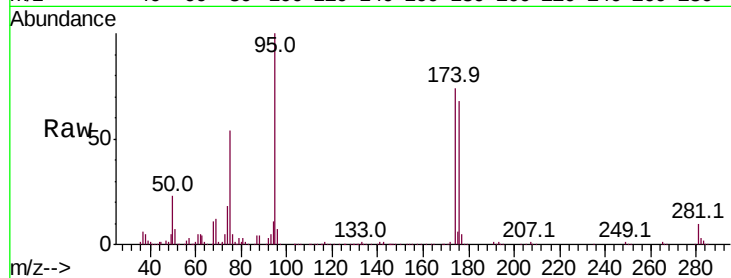




#62
4-Bromofluorobenzene
Concen: 37.108 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011483.D
Acq: 24 Jul 2019 18:51

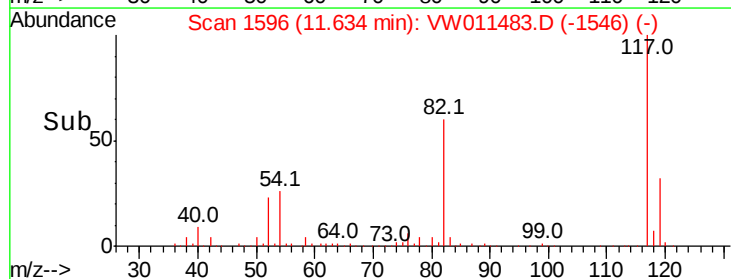
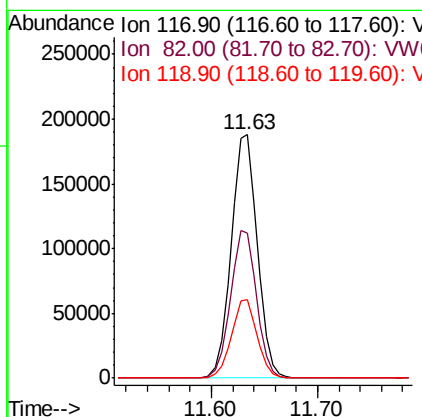
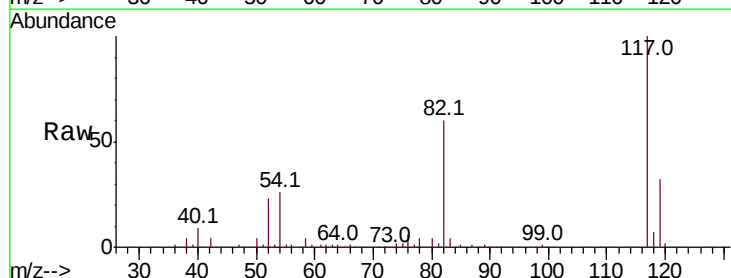
Instrument :
MSVOA_W
ClientSampled :
TP-10-A

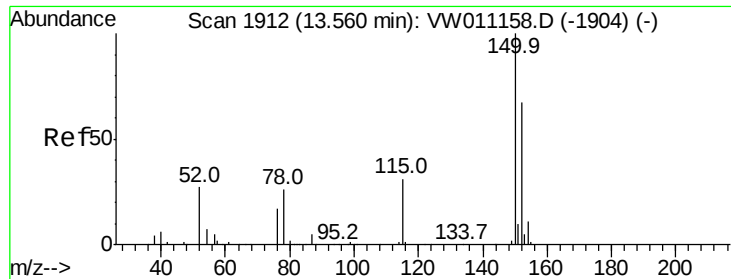
Tot Ion: 95 Resp: 139061
Ion Ratio Lower Upper
95 100
174 76.9 0.0 147.6
176 73.6 0.0 144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011483.D
Acq: 24 Jul 2019 18:51

Tgt Ion: 117 Resp: 323588
Ion Ratio Lower Upper
117 100
82 59.8 48.9 73.3
119 32.1 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011483.D

Acq: 24 Jul 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

TP-10-A

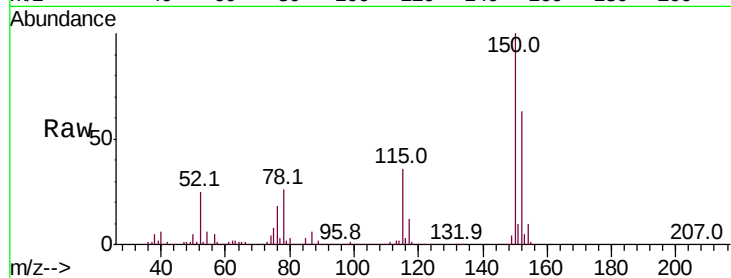
Tot Ion:152 Resp: 103946

Ion Ratio Lower Upper

152 100

115 57.7 30.1 90.3

150 154.8 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

