

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011545.D
 Acq On : 27 Jul 2019 04:45
 Operator : SY/VA
 Sample : K4021-05
 Misc : 10.28G/5.0ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-9

Quant Time: Jul 27 06:55:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

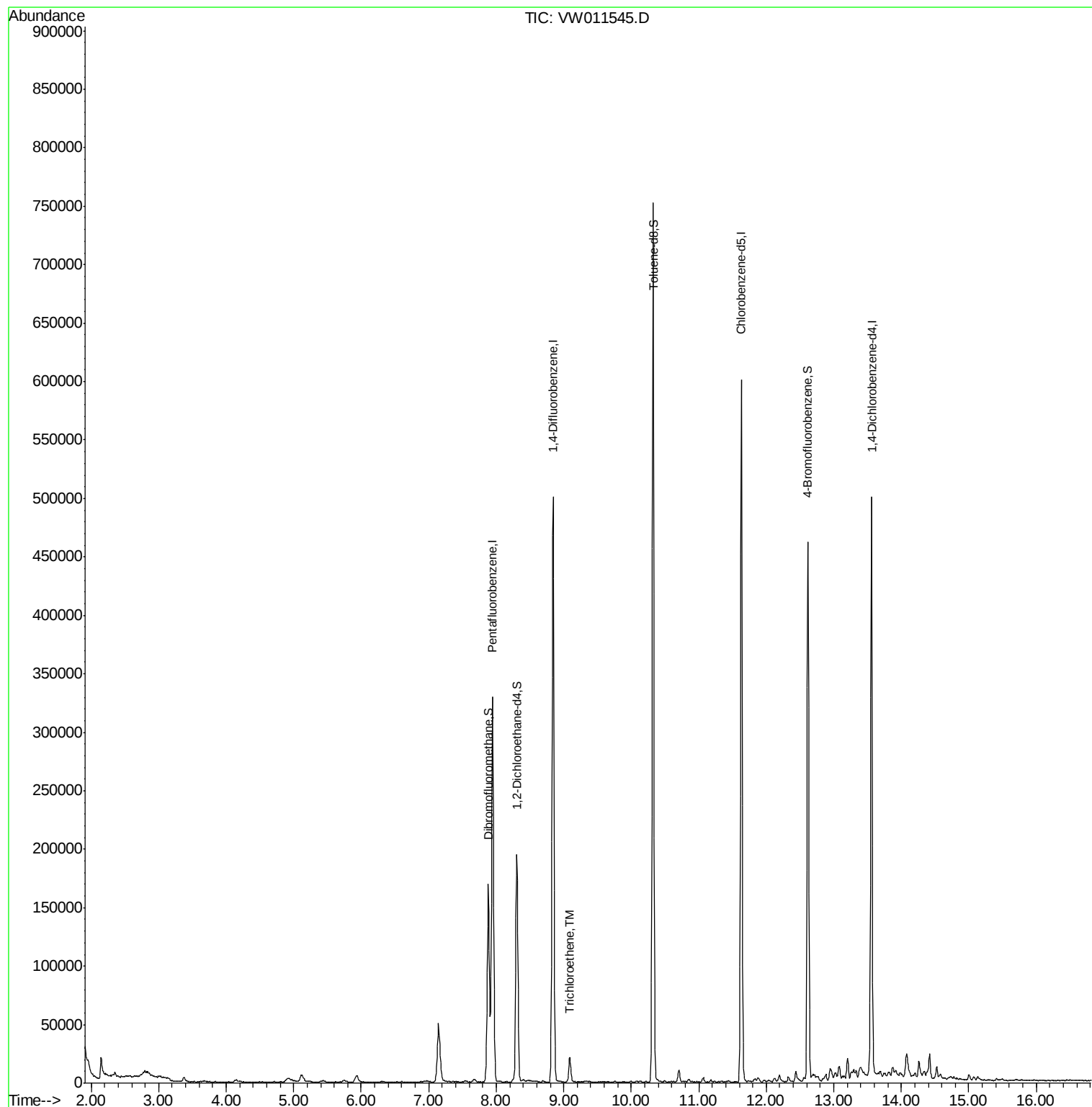
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	150440	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
35) Dibromofluoromethane	7.88	113	116644	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	10.32	98	472252	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.62	95	146435	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
Target Compounds						
44) Trichloroethene	9.09	130	6593	2.396	ug/l	Qvalue 96

(#) = 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: VW011545.D

Acq: 27 Jul 2019 04:45

Instrument :

MSVOA_W

ClientSampleId :

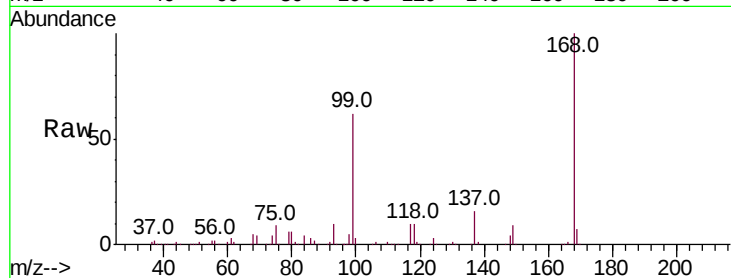
TP-9

Tot Ion:168 Resp: 236494

Ion Ratio Lower Upper

168 100

99 62.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

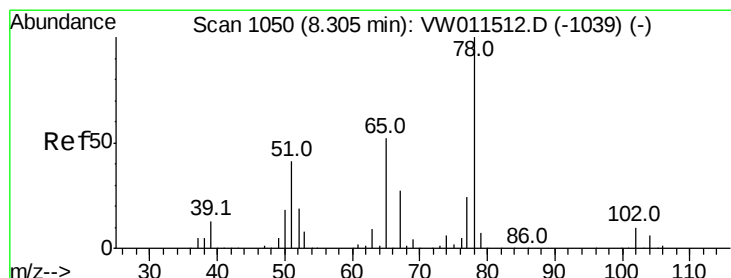
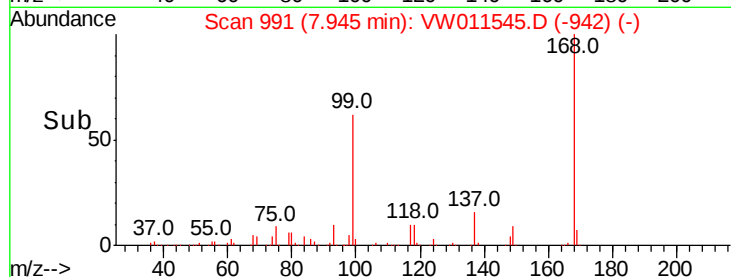
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.398 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011545.D

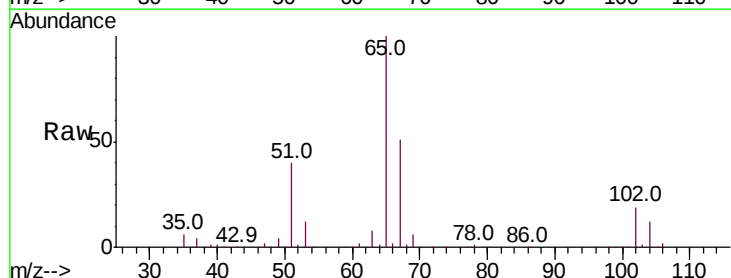
Acq: 27 Jul 2019 04:45

Tgt Ion: 65 Resp: 150440

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

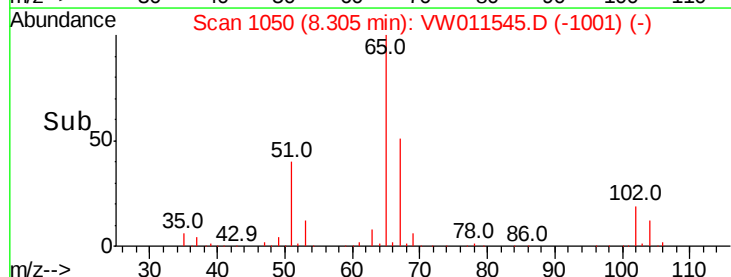
60000

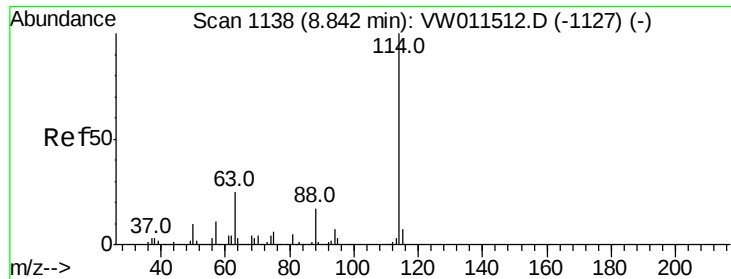
40000

20000

0

Time-->

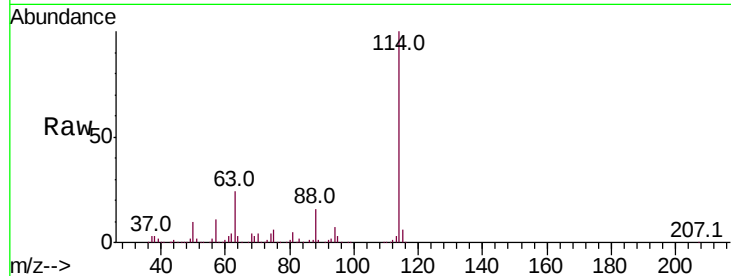




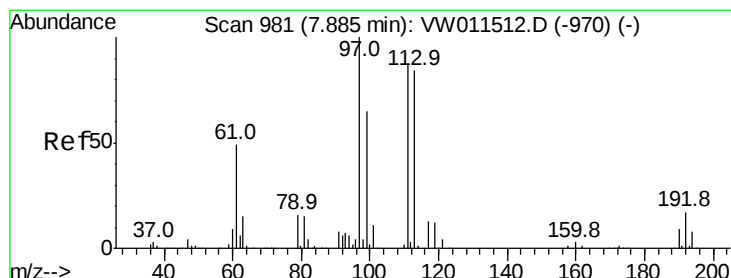
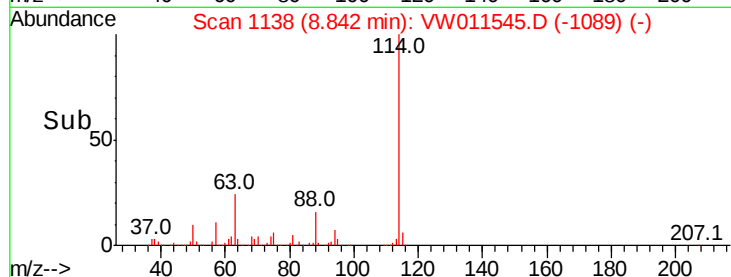
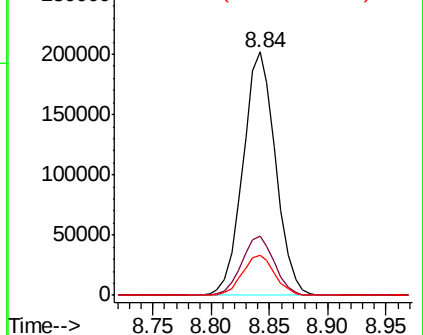
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011545.D
Acq: 27 Jul 2019 04:45

Instrument :
MSVOA_W
ClientSampled :
TP-9

Tot Ion:114 Resp: 393140
Ion Ratio Lower Upper
114 100
63 24.4 0.0 49.2
88 16.4 0.0 33.8

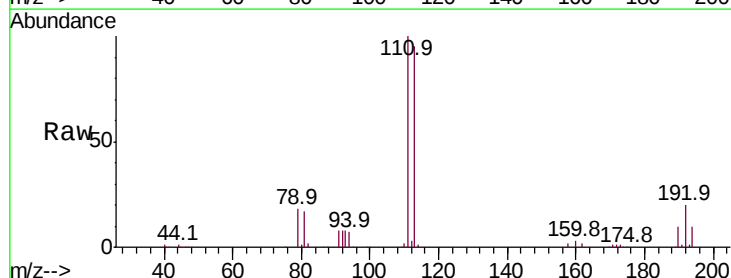


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

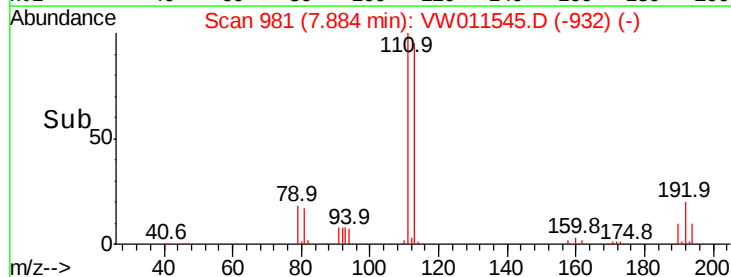
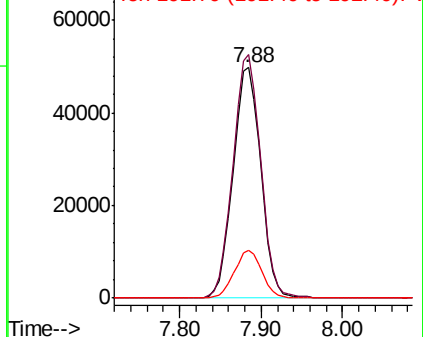


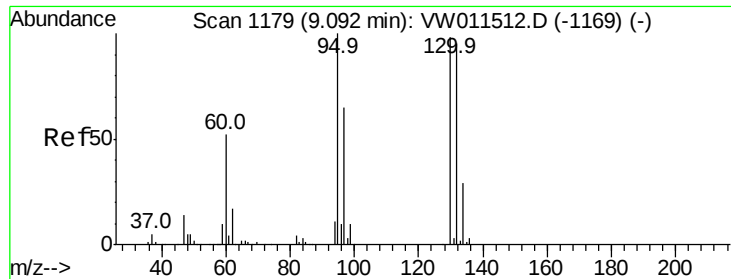
#35
Dibromofluoromethane
Concen: 52.886 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011545.D
Acq: 27 Jul 2019 04:45

Tgt Ion:113 Resp: 116644
Ion Ratio Lower Upper
113 100
111 105.5 82.7 124.1
192 20.2 16.1 24.1



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: 2.396 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW011545.D

Acq: 27 Jul 2019 04:45

Instrument :

MSVOA_W

ClientSampleId :

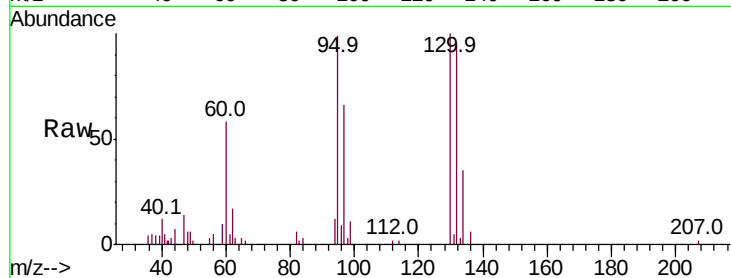
TP-9

Tot Ion:130 Resp: 6593

Ion Ratio Lower Upper

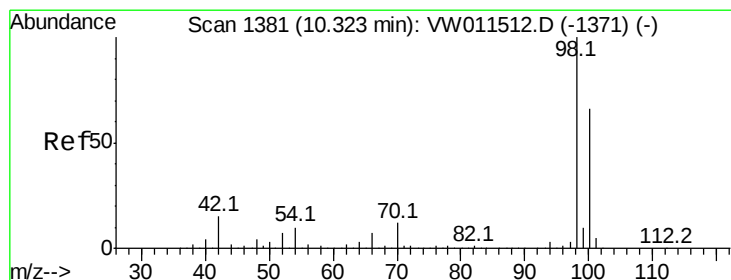
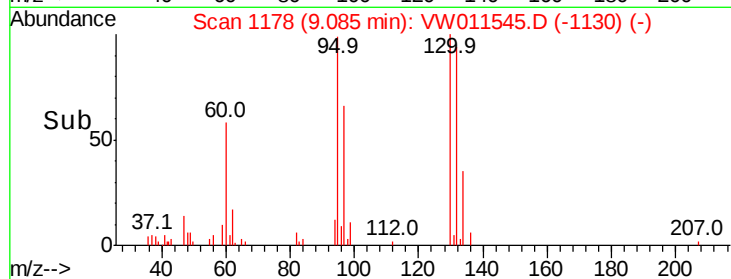
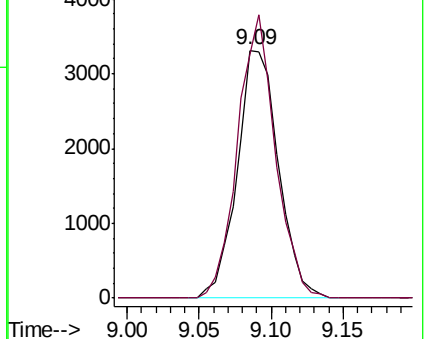
130 100

95 98.5 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): VW

Ion 94.90 (94.60 to 95.60): VW



#50

Toluene-d8

Concen: 52.296 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011545.D

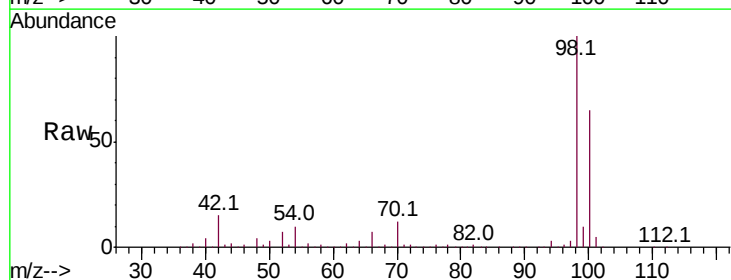
Acq: 27 Jul 2019 04:45

Tgt Ion: 98 Resp: 472252

Ion Ratio Lower Upper

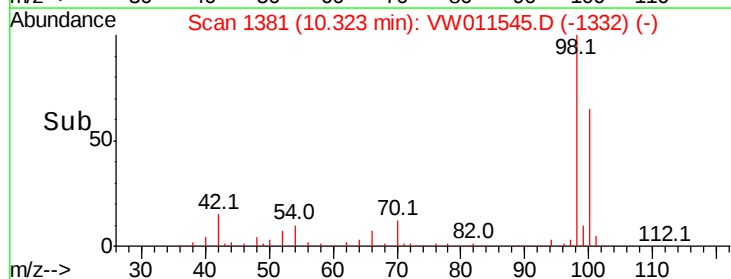
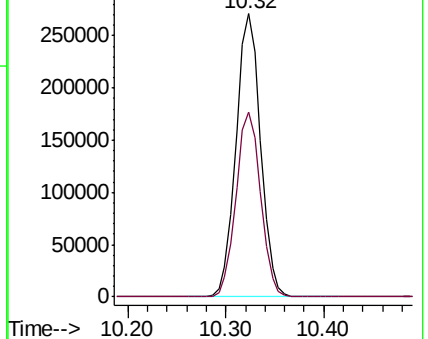
98 100

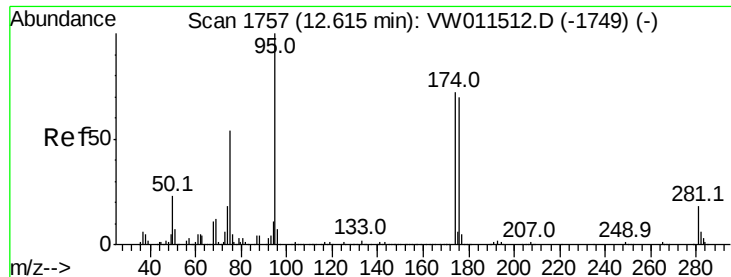
100 65.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 45.484 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011545.D

Acq: 27 Jul 2019 04:45

Instrument :

MSVOA_W

ClientSampleId :

TP-9

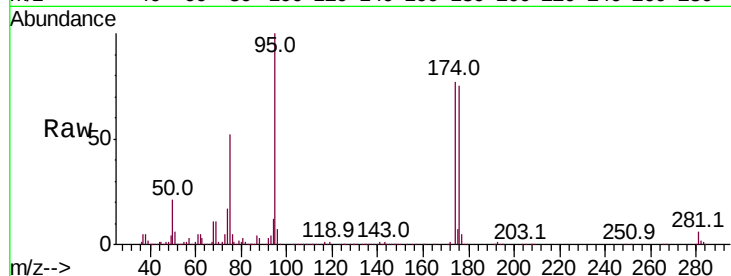
Tot Ion: 95 Resp: 146435

Ion Ratio Lower Upper

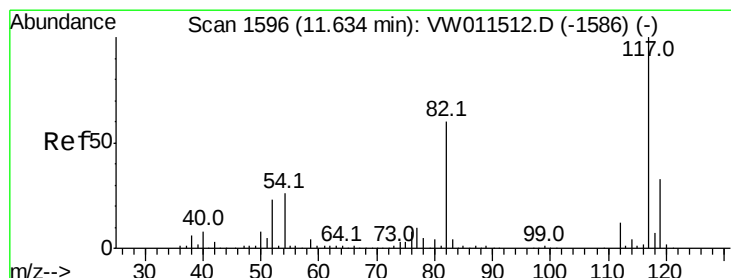
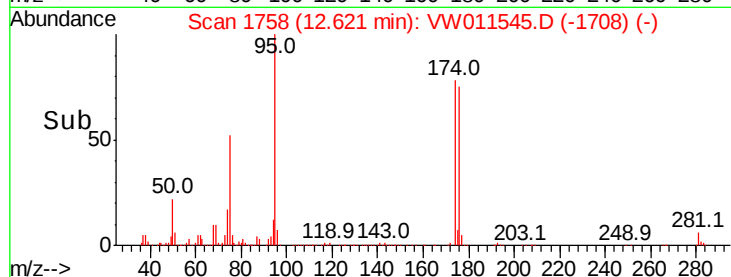
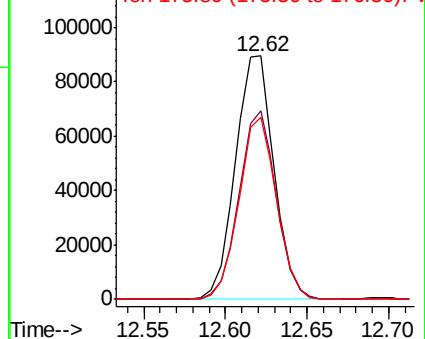
95 100

174 75.7 0.0 150.2

176 73.5 0.0 144.4



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# 1596

Delta R.T. -0.00 min

Lab File: VW011545.D

Acq: 27 Jul 2019 04:45

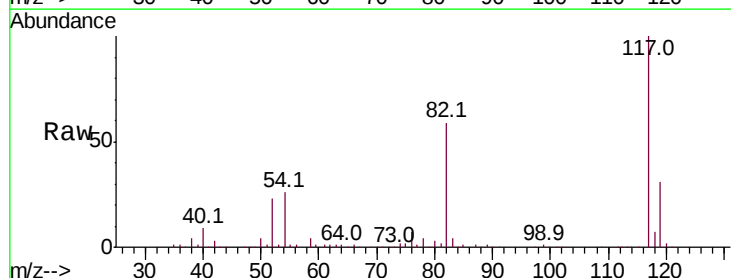
Tgt Ion: 117 Resp: 314863

Ion Ratio Lower Upper

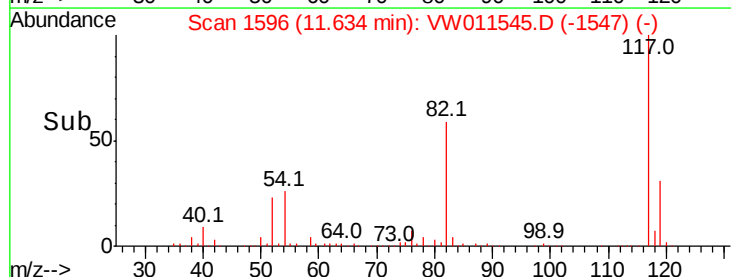
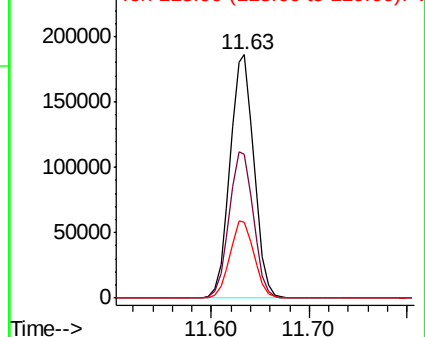
117 100

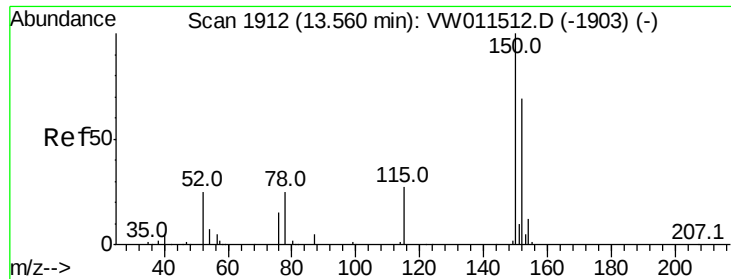
82 59.0 47.9 71.9

119 31.0 26.2 39.2



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: VW011545.D

Acq: 27 Jul 2019 04:45

Instrument :

MSVOA_W

ClientSampleId :

TP-9

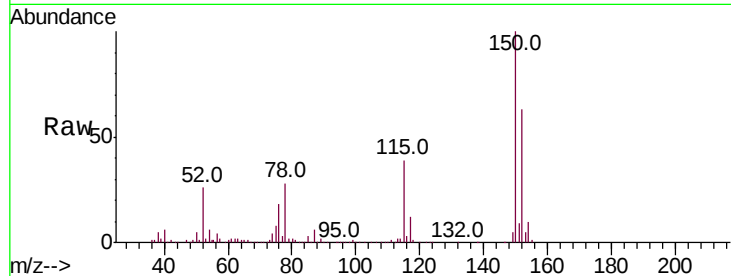
Tot Ion:152 Resp: 124285

Ion Ratio Lower Upper

152 100

115 59.4 30.5 91.5

150 153.7 0.0 352.6



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

