

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012600.D
 Acq On : 04 Sep 2019 17:32
 Operator : SY/VA
 Sample : K4619-12
 Misc : 6.26G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP4-COMP

Quant Time: Sep 04 18:10:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

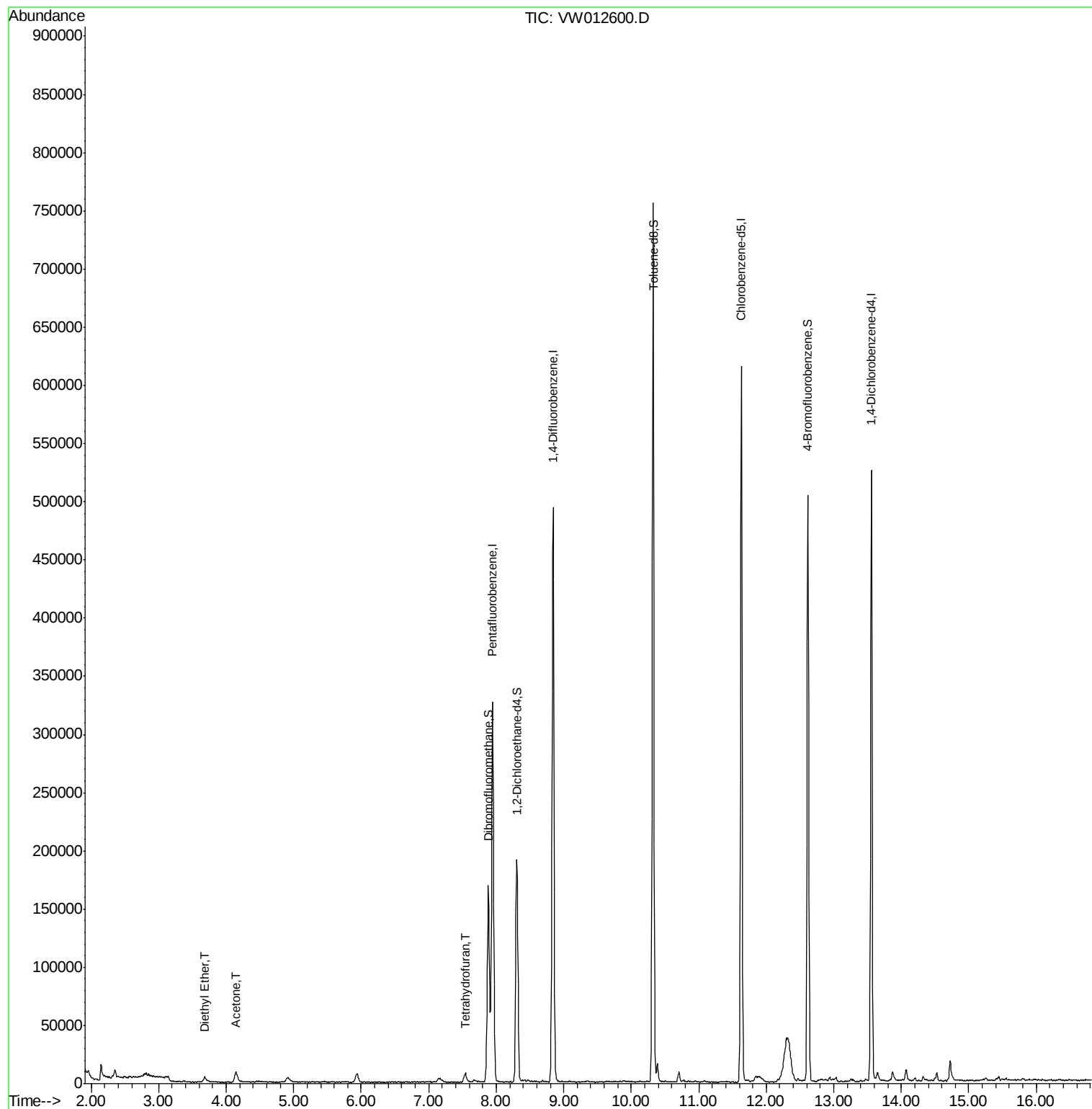
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	159493	57.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.26%	
35) Dibromofluoromethane	7.88	113	118859	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
50) Toluene-d8	10.32	98	467299	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.62	95	154517	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
Target Compounds						
8) Diethyl Ether	3.68	74	1893	1.449	ug/l	58
16) Acetone	4.14	43	18535	25.974	ug/l	99
29) Tetrahydrofuran	7.54	42	7053	12.123	ug/l	97

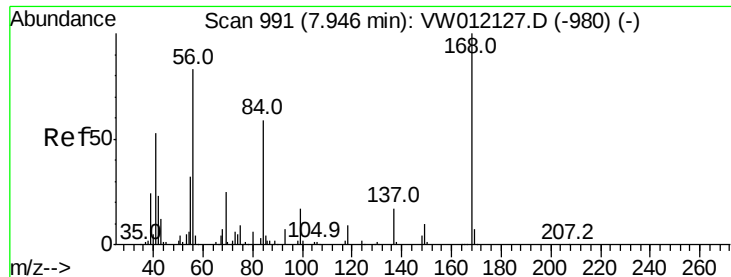
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090419\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
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: VW012600.D

Acq: 04 Sep 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

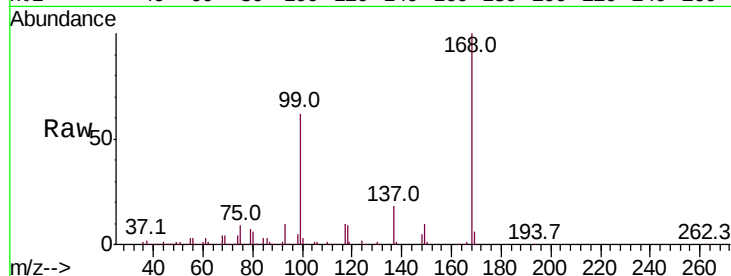
TP4-COMP

Tot Ion:168 Resp: 234834

Ion Ratio Lower Upper

168 100

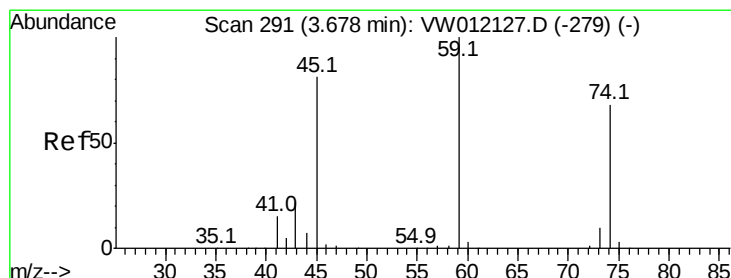
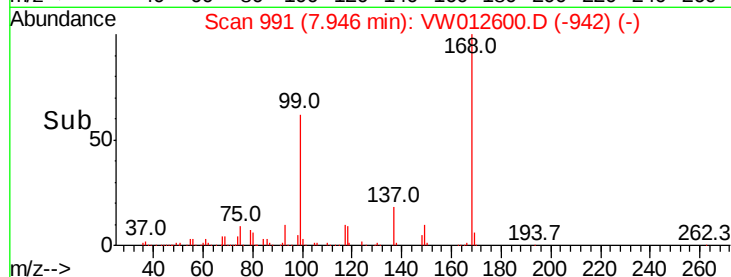
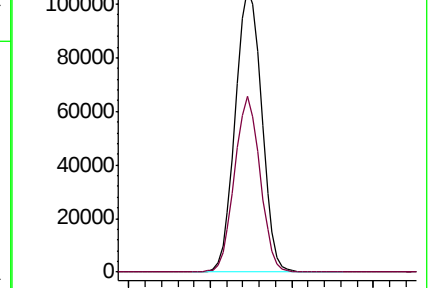
99 62.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95



#8

Diethyl Ether

Concen: 1.449 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VW012600.D

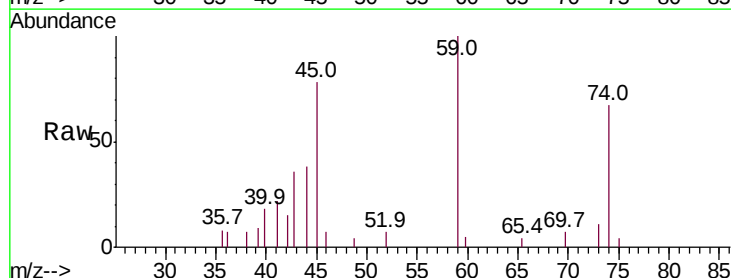
Acq: 04 Sep 2019 17:32

Tgt Ion: 74 Resp: 1893

Ion Ratio Lower Upper

74 100

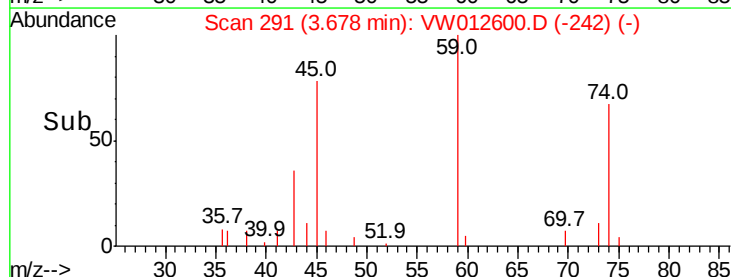
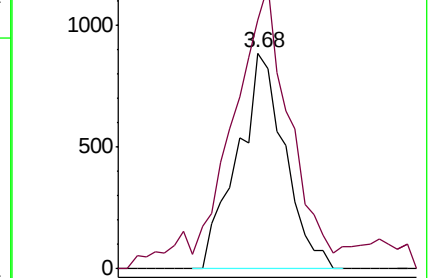
45 164.7 59.2 177.6

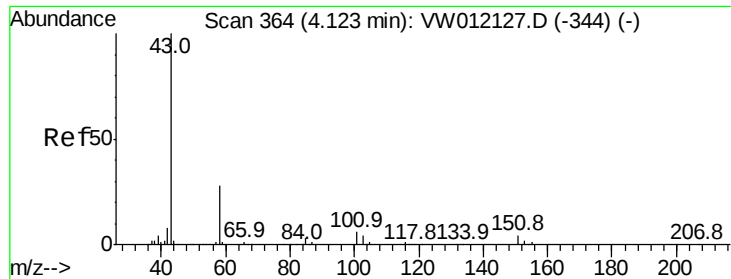


Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68





#16

Acetone

Concen: 25.974 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012600.D

Acq: 04 Sep 2019 17:32

Instrument :

MSVOA_W

ClientSampled :

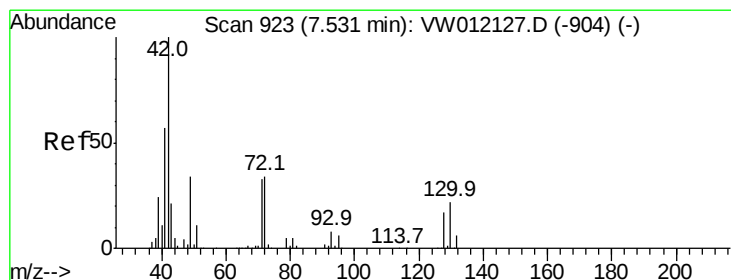
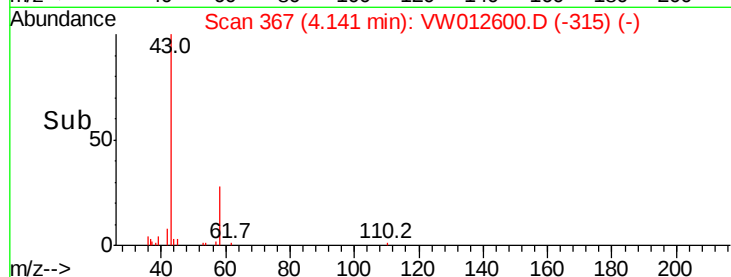
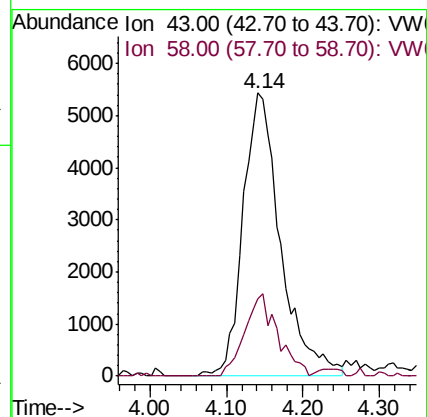
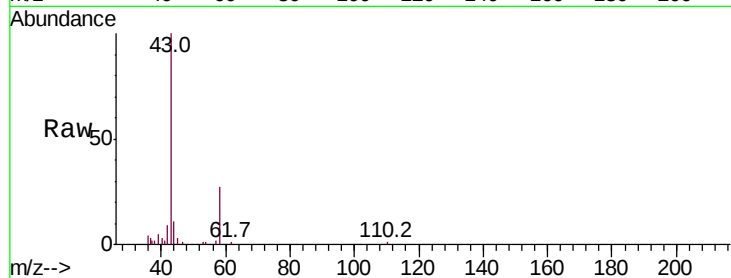
TP4-COMP

Tot Ion: 43 Resp: 18535

Ion Ratio Lower Upper

43 100

58 27.5 22.4 33.6



#29

Tetrahydrofuran

Concen: 12.123 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012600.D

Acq: 04 Sep 2019 17:32

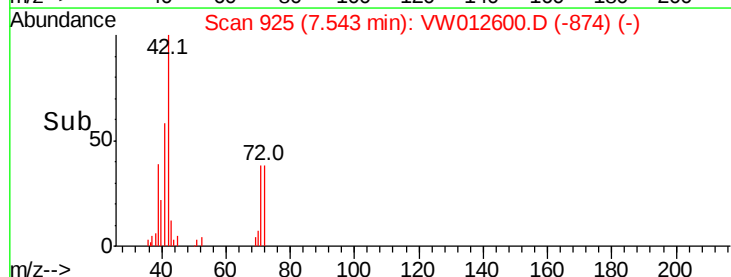
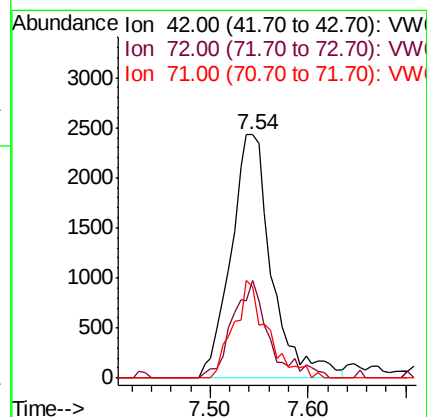
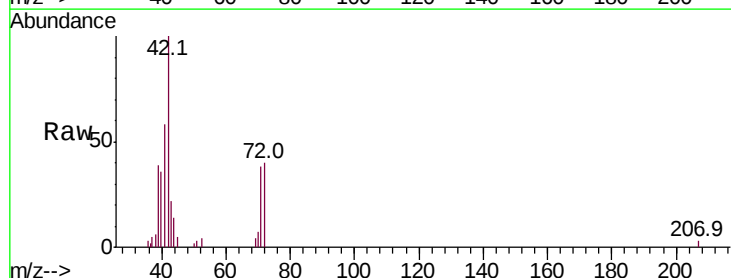
Tgt Ion: 42 Resp: 7053

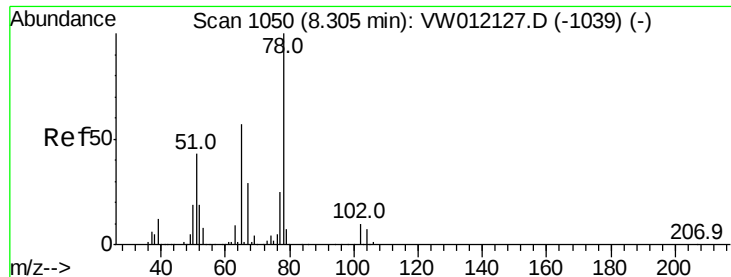
Ion Ratio Lower Upper

42 100

72 35.8 27.3 40.9

71 33.1 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 57.133 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012600.D

Acq: 04 Sep 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

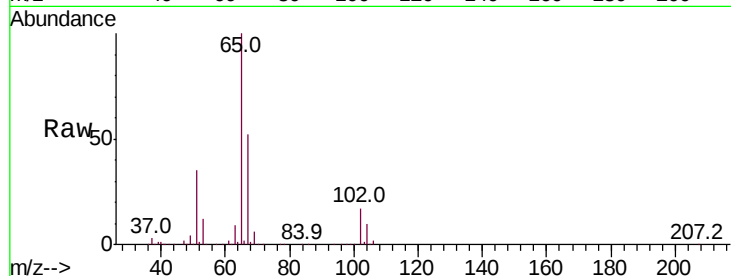
TP4-COMP

Tot Ion: 65 Resp: 159493

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

60000

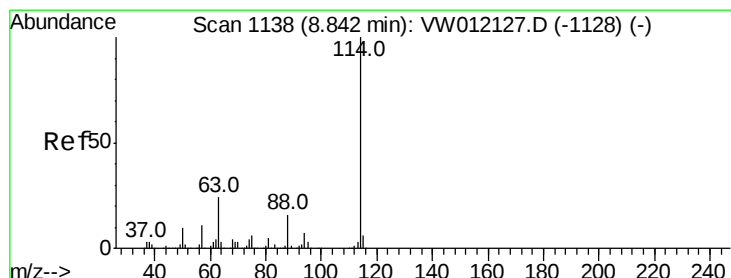
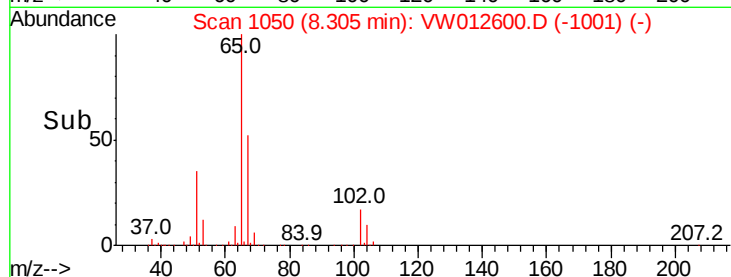
40000

20000

0

Time-->

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: VW012600.D

Acq: 04 Sep 2019 17:32

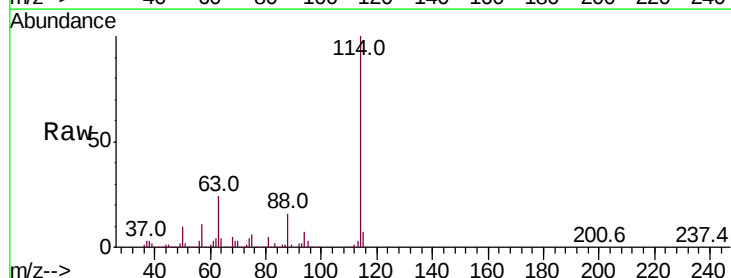
Tgt Ion: 114 Resp: 380901

Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.6

88 16.0 0.0 32.2



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

250000

200000

150000

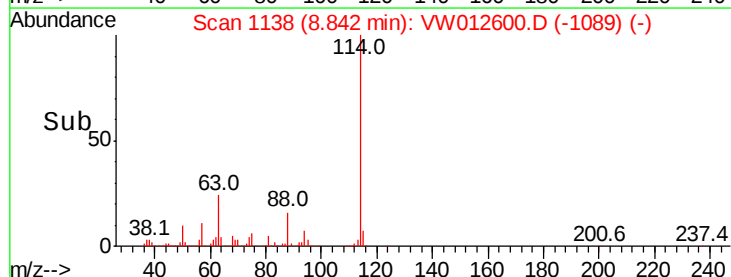
100000

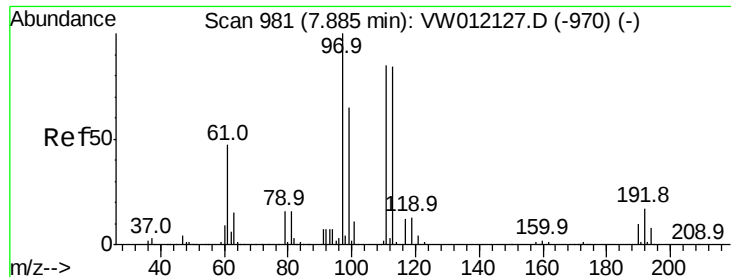
50000

0

Time-->

8.70 8.80 8.90 9.00

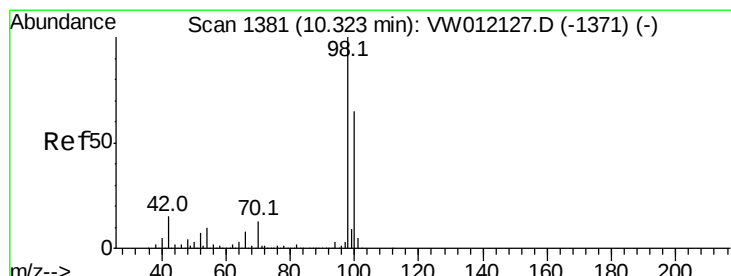
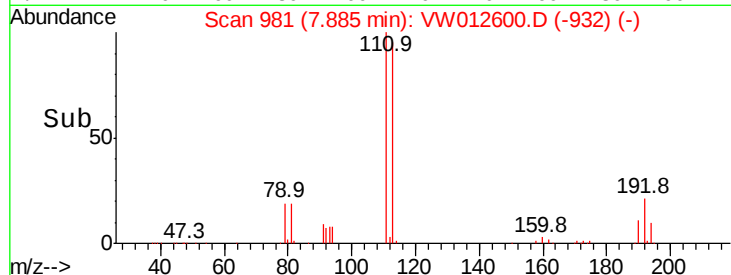
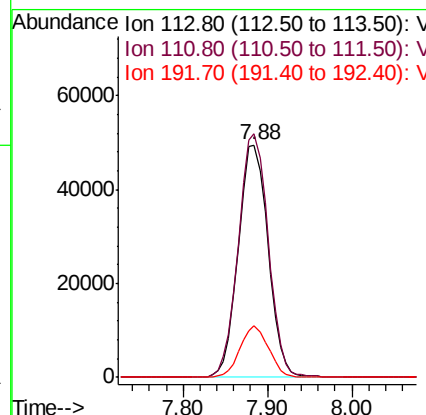
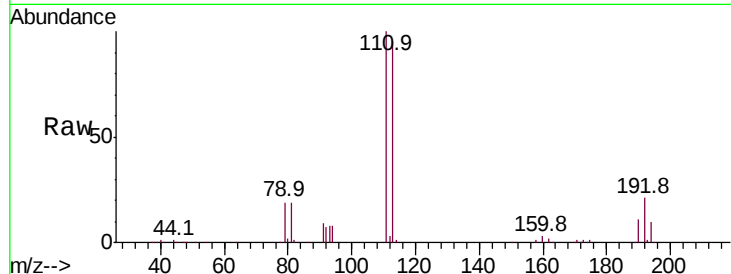




#35
 Dibromofluoromethane
 Concen: 52.278 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012600.D
 Acq: 04 Sep 2019 17:32

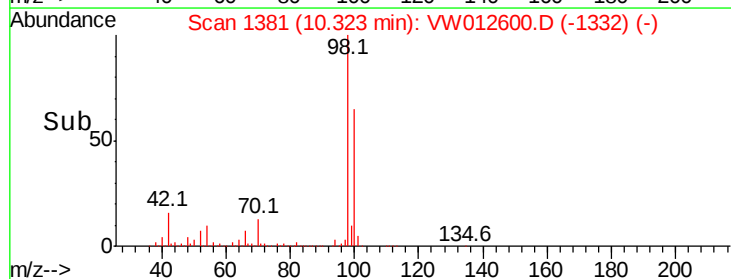
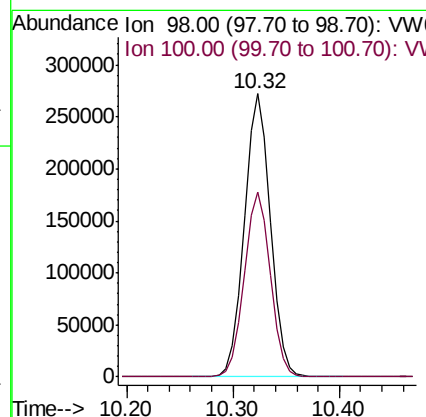
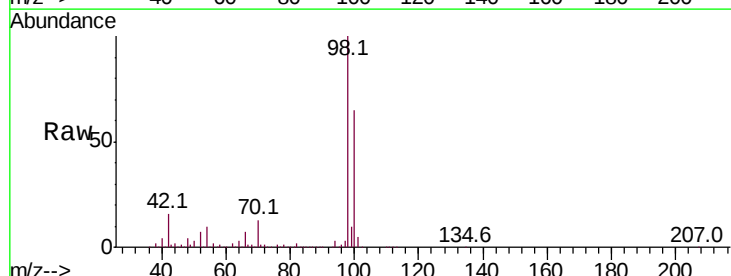
Instrument :
 MSVOA_W
 ClientSampleId :
 TP4-COMP

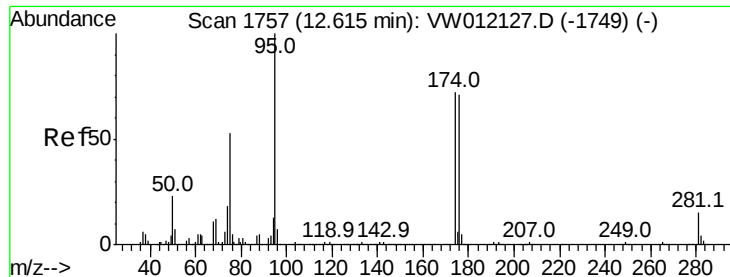
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.7	124.1
192	21.0	16.2	24.2



#50
 Toluene-d8
 Concen: 50.690 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012600.D
 Acq: 04 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6

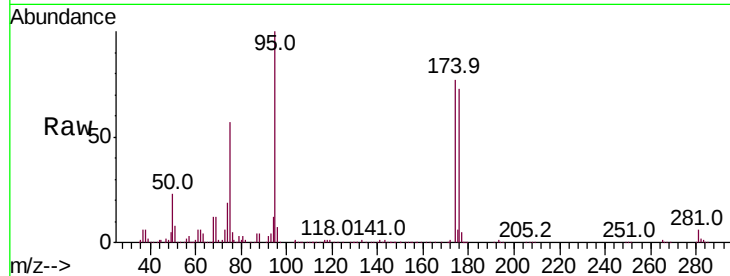




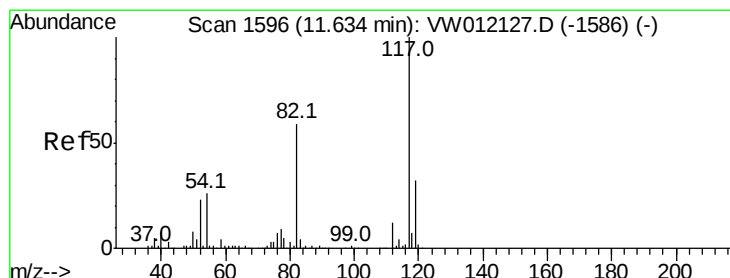
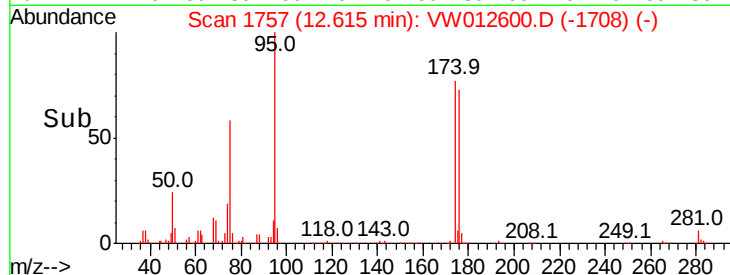
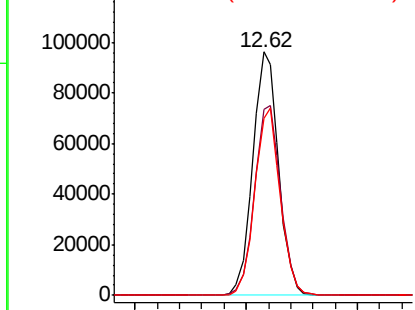
#62
4-Bromofluorobenzene
Concen: 47.549 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012600.D
Acq: 04 Sep 2019 17:32

Instrument :
MSVOA_W
ClientSampleId :
TP4-COMP

Tot Ion: 95 Resp: 154517
Ion Ratio Lower Upper
95 100
174 79.4 0.0 150.8
176 76.3 0.0 148.6

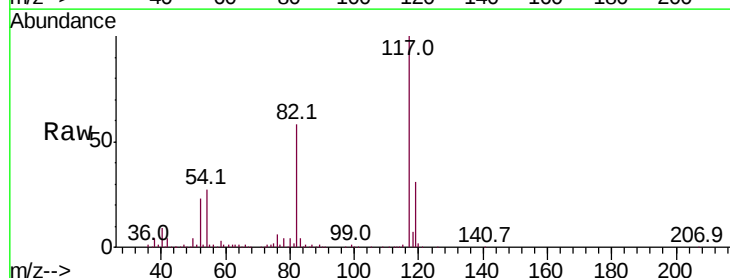


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

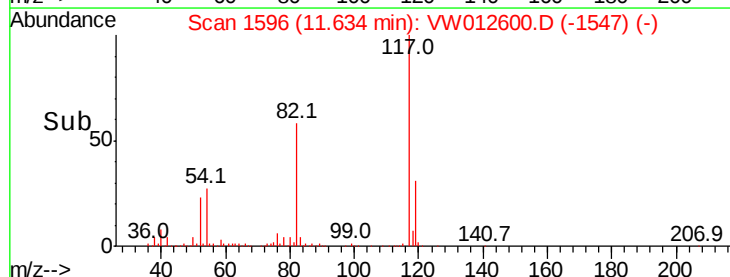
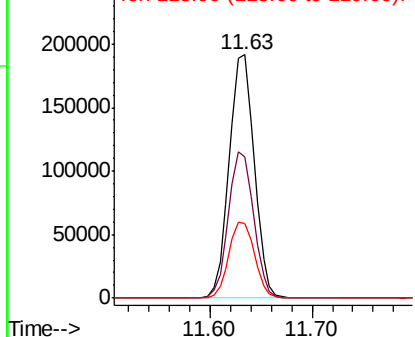


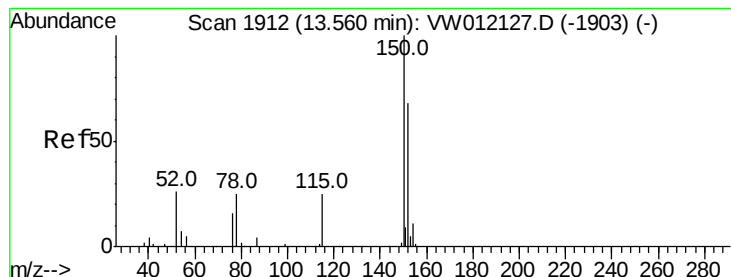
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012600.D
Acq: 04 Sep 2019 17:32

Tgt Ion: 117 Resp: 325757
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 30.8 25.4 38.2



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: VW012600.D

Acq: 04 Sep 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

TP4-COMP

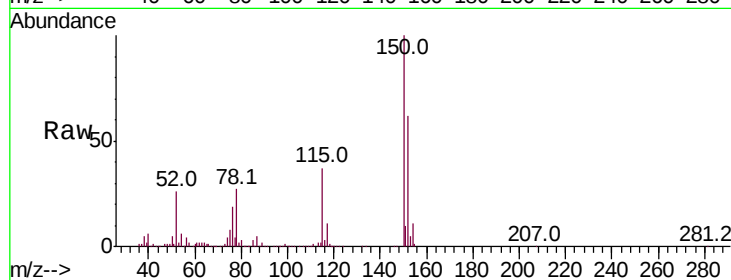
Tot Ion:152 Resp: 135023

Ion Ratio Lower Upper

152 100

115 60.9 30.1 90.3

150 156.7 0.0 345.8



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

