

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012590.D
 Acq On : 04 Sep 2019 13:15
 Operator : SY/VA
 Sample : K4619-12
 Misc : 6.06G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP4-COMP

Quant Time: Sep 04 15:02:48 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

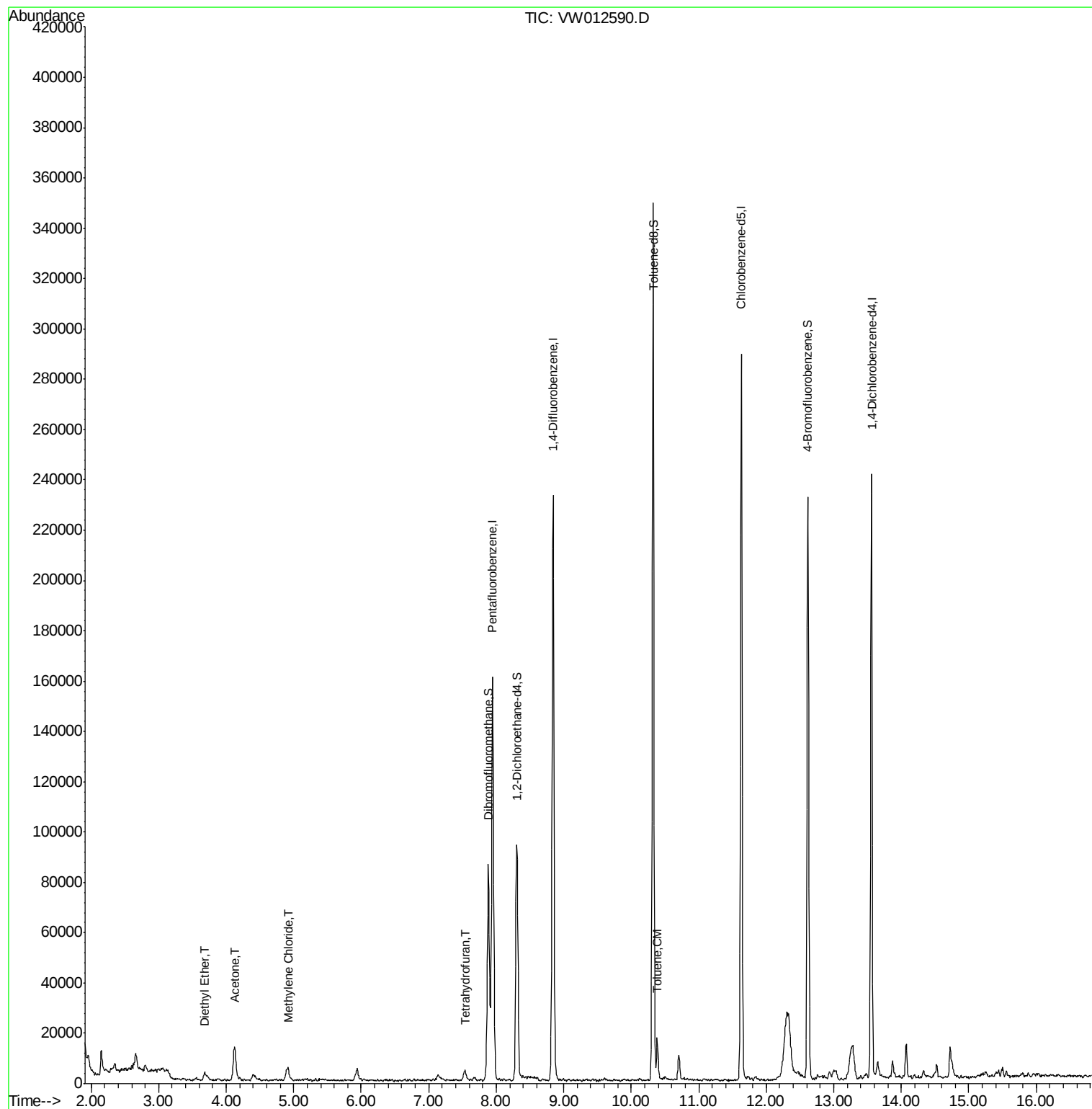
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	177695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	151596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	79012	58.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.30%	
35) Dibromofluoromethane	7.88	113	58055	54.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.46%	
50) Toluene-d8	10.32	98	218259	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.62	95	70361	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
Target Compounds						
8) Diethyl Ether	3.68	74	1398	2.217	ug/l	81
16) Acetone	4.12	43	26120	75.854	ug/l	93
20) Methylene Chloride	4.92	84	3452	2.652	ug/l #	78
29) Tetrahydrofuran	7.54	42	3153	11.231	ug/l	91
52) Toluene	10.38	92	5824	1.933	ug/l	85

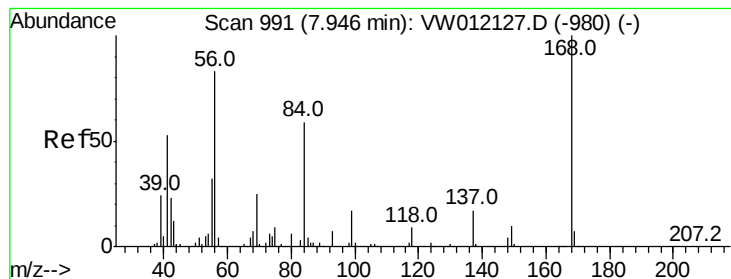
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VW012590.D

Acq: 04 Sep 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

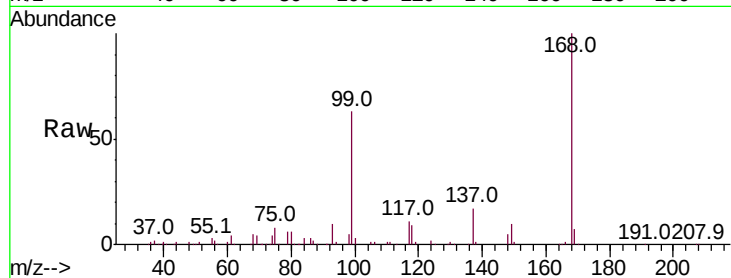
TP4-COMP

Tot Ion:168 Resp: 113320

Ion Ratio Lower Upper

168 100

99 63.4 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

60000

50000

40000

30000

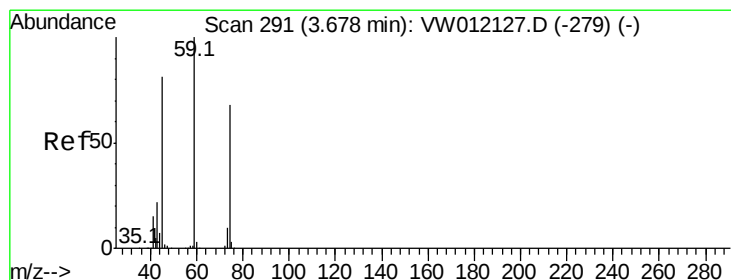
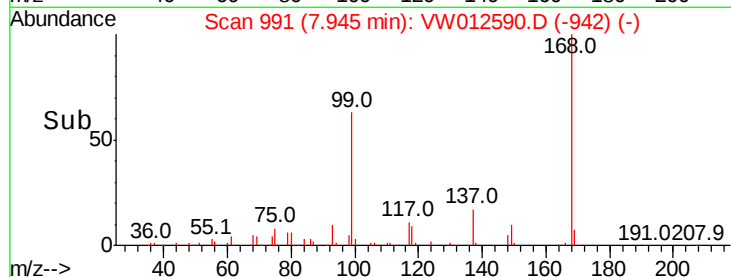
20000

10000

0

7.80 7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 2.217 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW012590.D

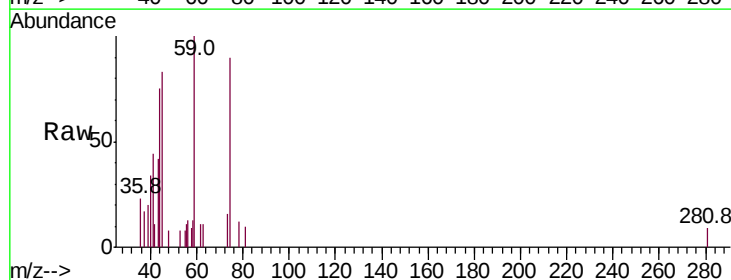
Acq: 04 Sep 2019 13:15

Tgt Ion: 74 Resp: 1398

Ion Ratio Lower Upper

74 100

45 139.4 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

600

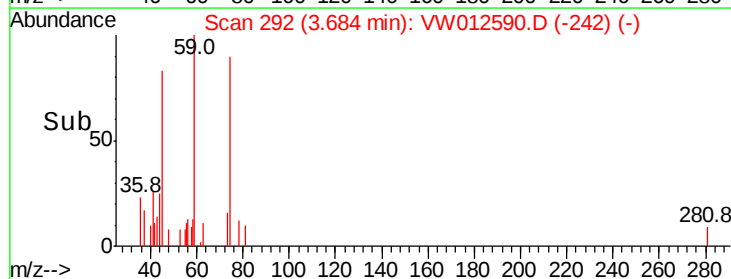
400

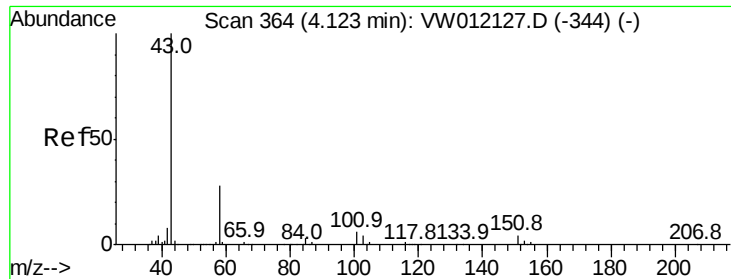
200

0

3.60 3.65 3.70 3.75

Time-->

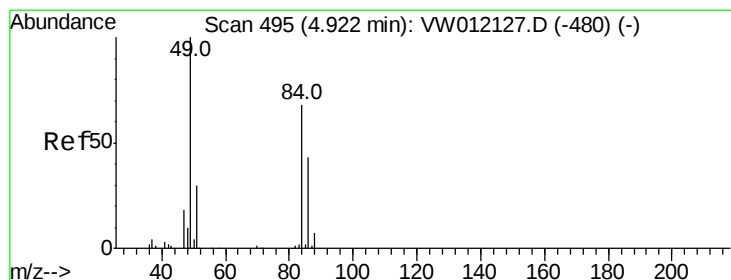
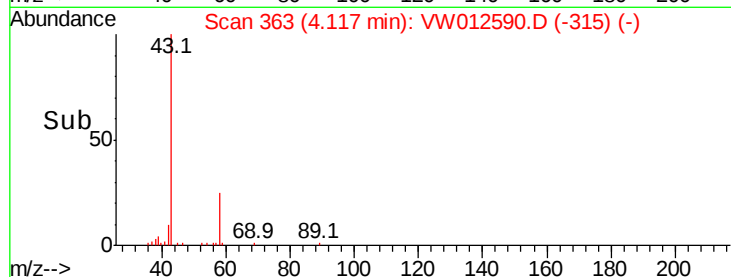
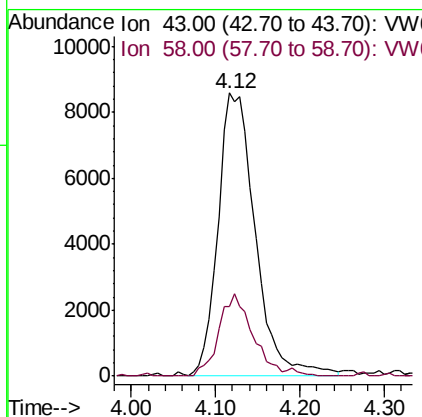
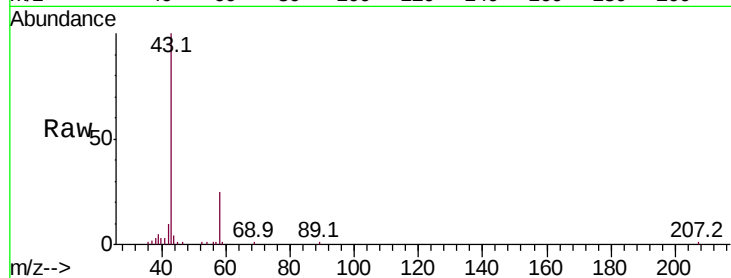




#16
Acetone
Concen: 75.854 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW012590.D
Acq: 04 Sep 2019 13:15

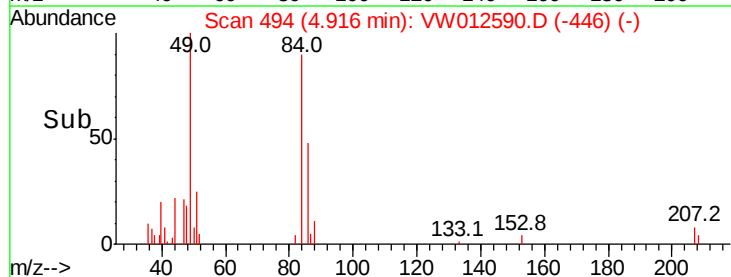
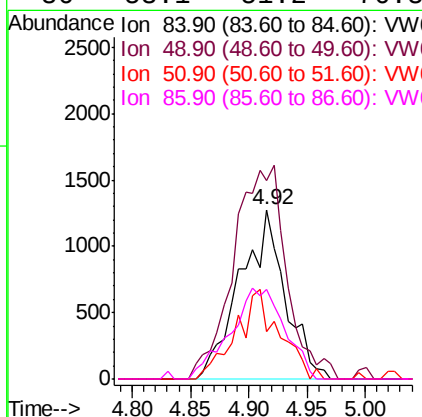
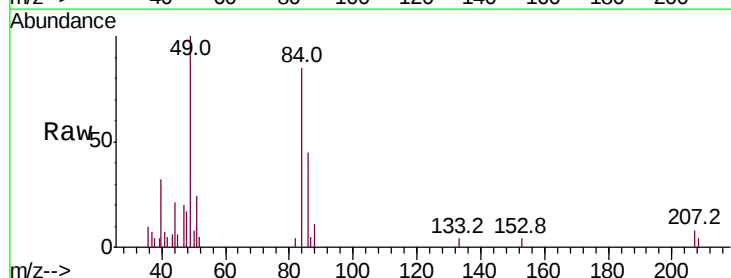
Instrument :
MSVOA_W
ClientSampleId :
TP4-COMP

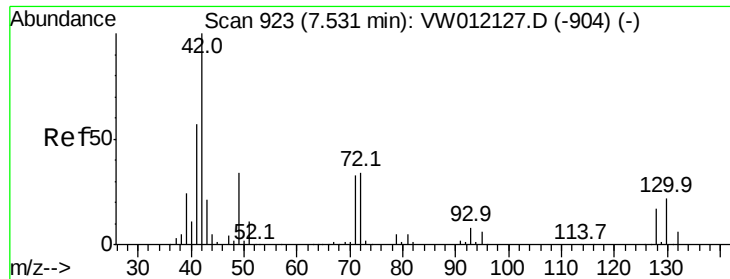
Tot Ion: 43 Resp: 26120
Ion Ratio Lower Upper
43 100
58 24.5 22.4 33.6



#20
Methylene Chloride
Concen: 2.652 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012590.D
Acq: 04 Sep 2019 13:15

Tgt Ion: 84 Resp: 3452
Ion Ratio Lower Upper
84 100
49 117.4 117.8 176.8#
51 28.3 35.6 53.4#
86 53.1 51.2 76.8

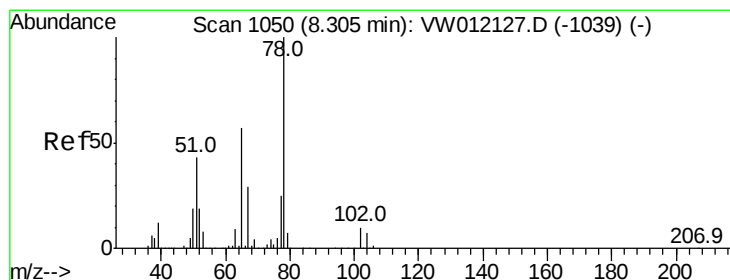
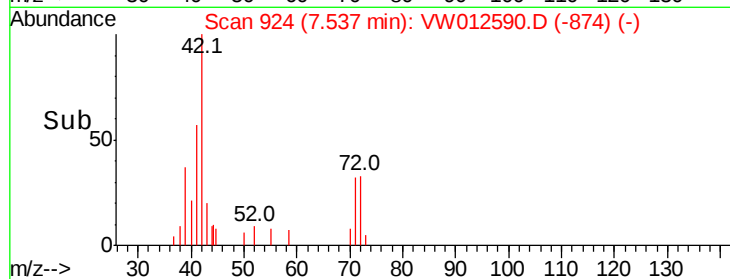
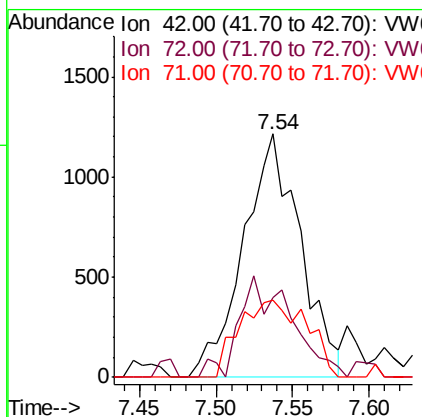
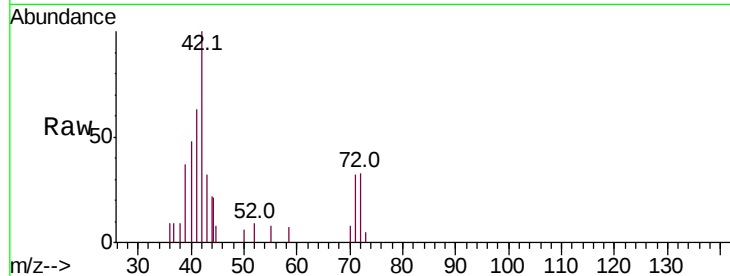




#29
Tetrahydrofuran
Concen: 11.231 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012590.D
Acq: 04 Sep 2019 13:15

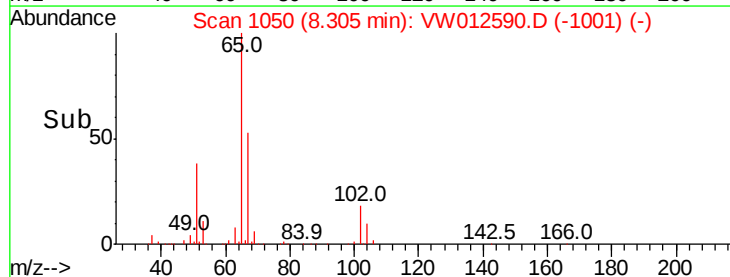
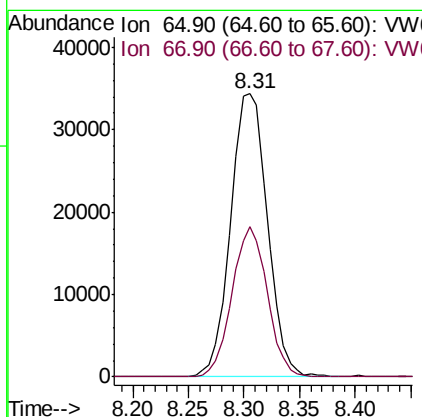
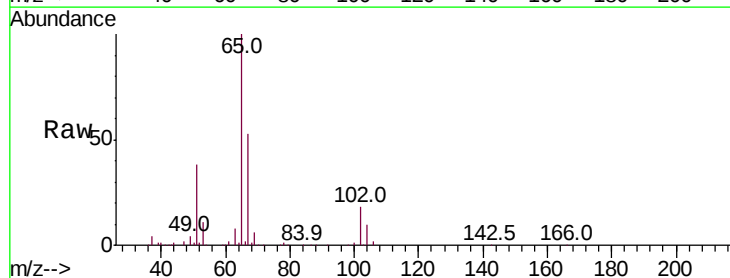
Instrument :
MSVOA_W
ClientSampleId :
TP4-COMP

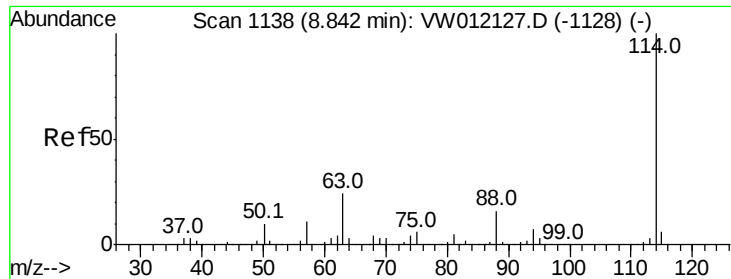
Tot Ion: 42 Resp: 3153
Ion Ratio Lower Upper
42 100
72 38.7 27.3 40.9
71 37.6 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 58.653 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012590.D
Acq: 04 Sep 2019 13:15

Tgt Ion: 65 Resp: 79012
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012590.D

Acq: 04 Sep 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

TP4-COMP

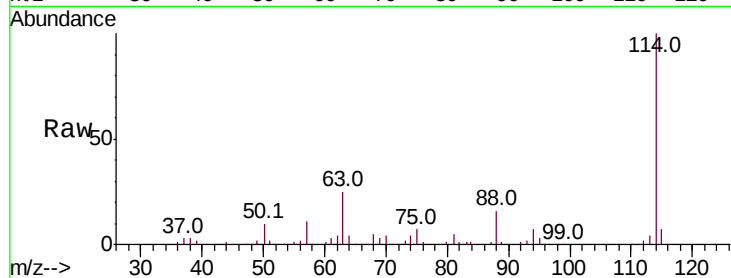
Tot Ion:114 Resp: 177695

Ion Ratio Lower Upper

114 100

63 24.7 0.0 48.6

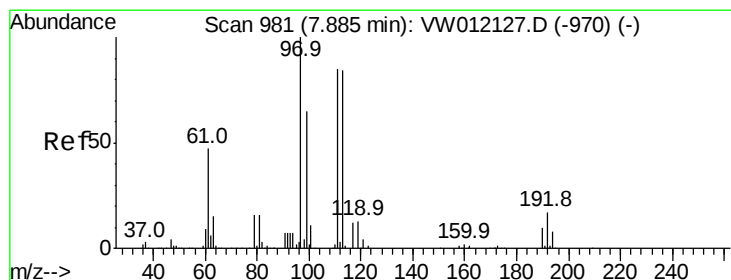
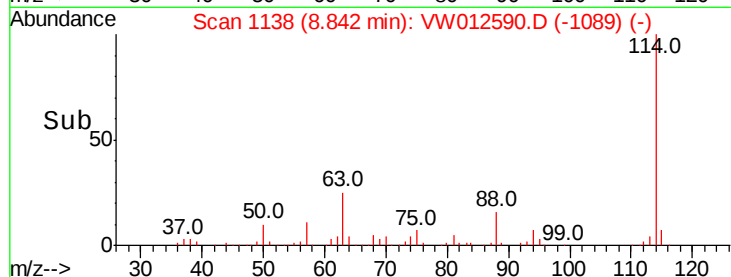
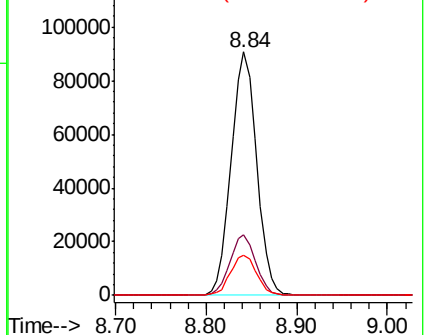
88 16.4 0.0 32.2



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



#35

Dibromofluoromethane

Concen: 54.734 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012590.D

Acq: 04 Sep 2019 13:15

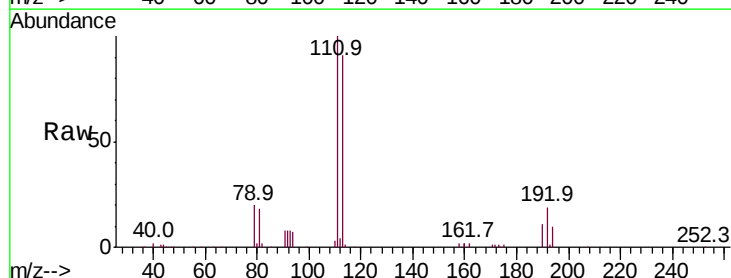
Tgt Ion:113 Resp: 58055

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

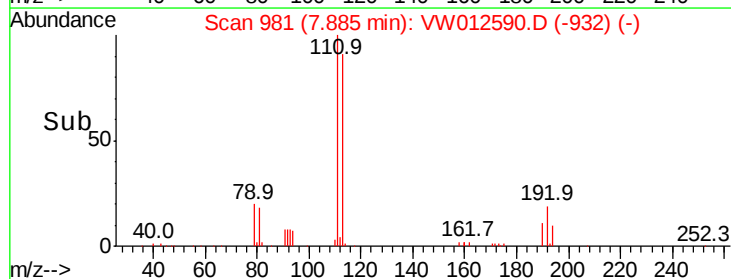
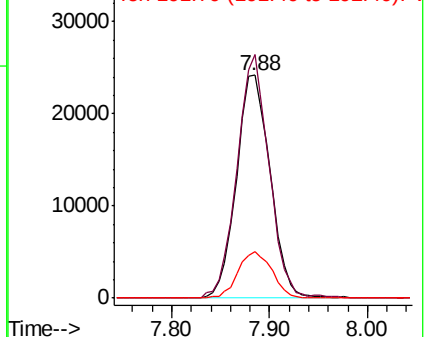
192 21.0 16.2 24.2

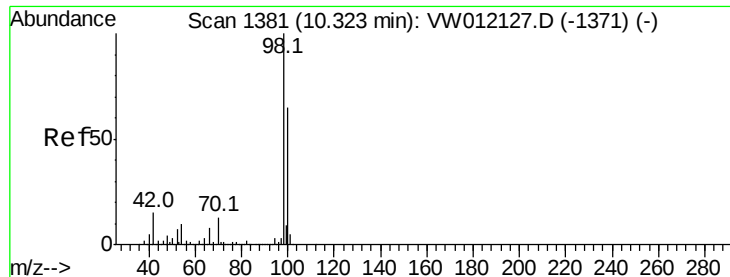


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.750 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012590.D

Acq: 04 Sep 2019 13:15

Instrument :

MSVOA_W

ClientSampled :

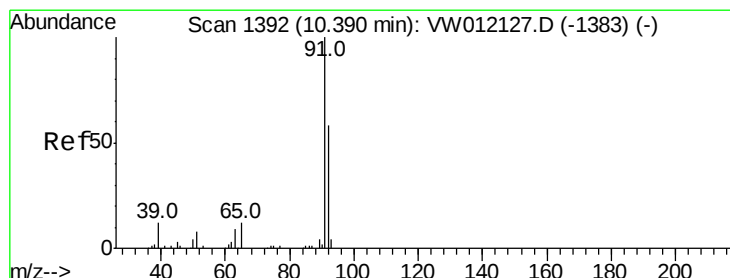
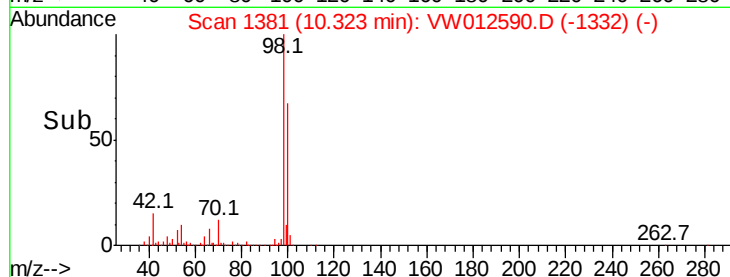
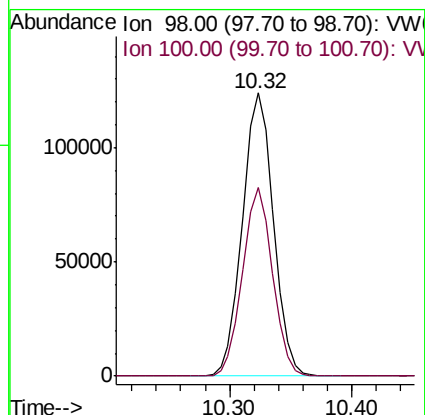
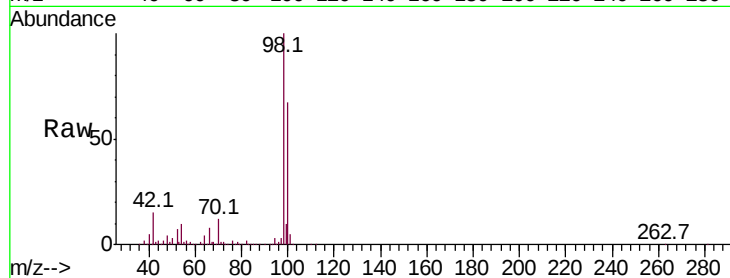
TP4-COMP

Tot Ion: 98 Resp: 218259

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6



#52

Toluene

Concen: 1.933 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012590.D

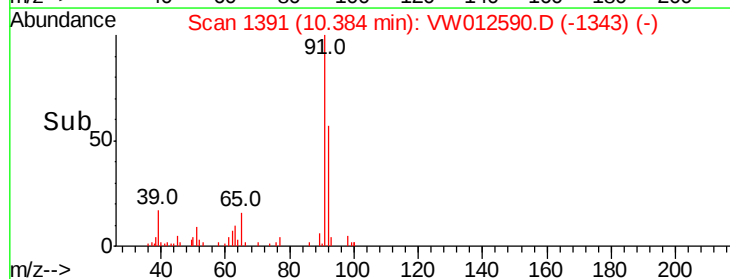
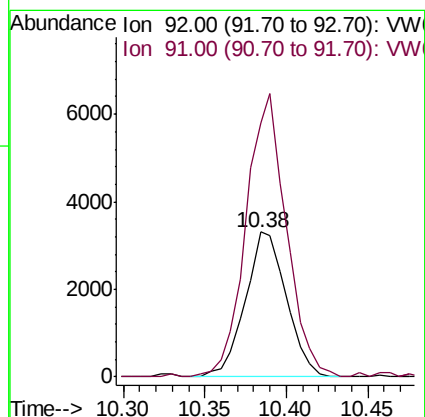
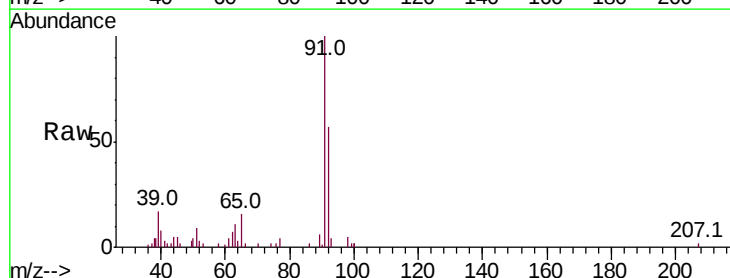
Acq: 04 Sep 2019 13:15

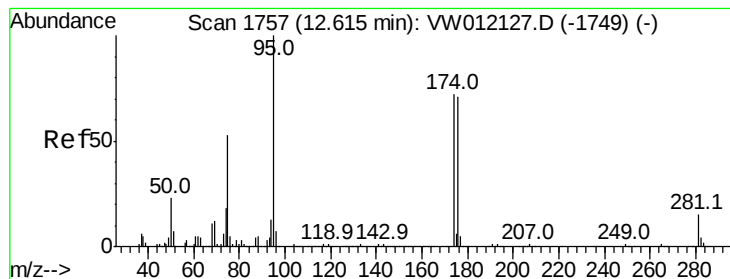
Tgt Ion: 92 Resp: 5824

Ion Ratio Lower Upper

92 100

91 191.0 136.6 204.8





#62

4-Bromofluorobenzene

Concen: 46.413 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012590.D

Acq: 04 Sep 2019 13:15

Instrument :

MSVOA_W

ClientSampled :

TP4-COMP

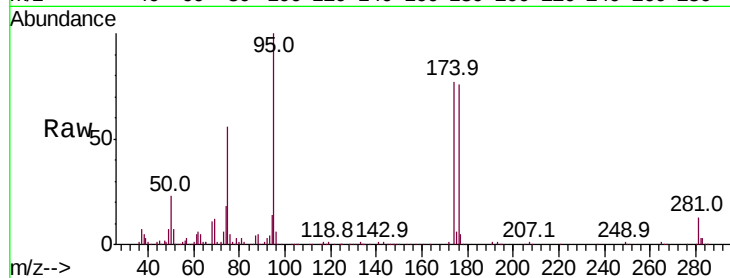
Tot Ion: 95 Resp: 70361

Ion Ratio Lower Upper

95 100

174 79.8 0.0 150.8

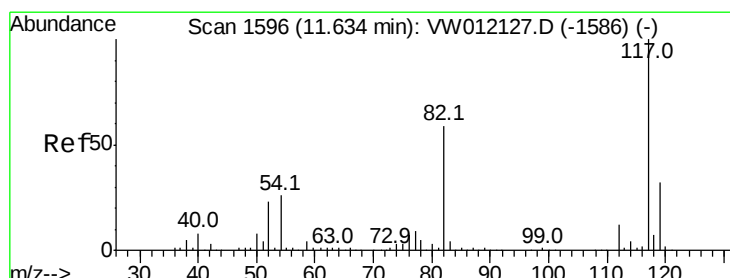
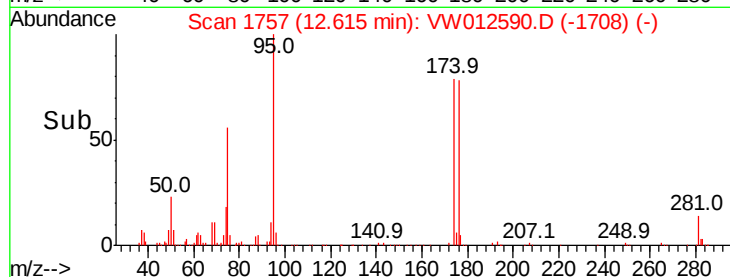
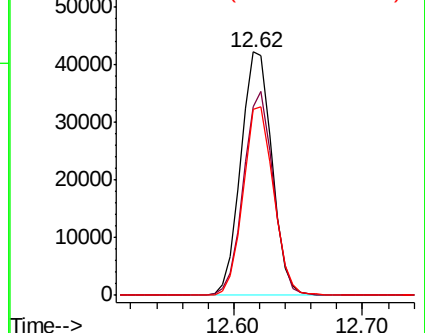
176 75.7 0.0 148.6



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: VW012590.D

Acq: 04 Sep 2019 13:15

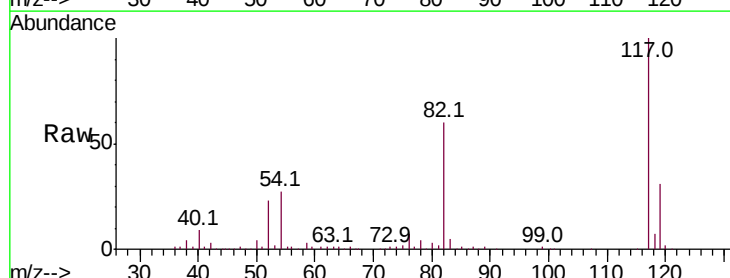
Tgt Ion: 117 Resp: 151596

Ion Ratio Lower Upper

117 100

82 59.6 47.4 71.2

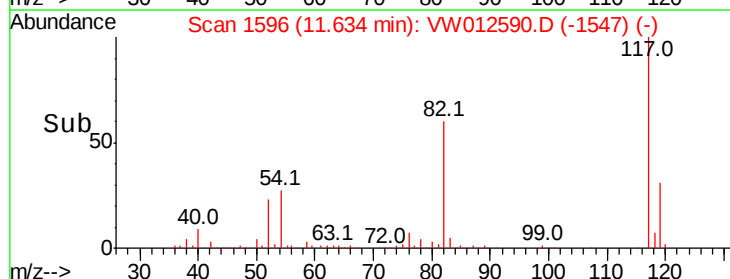
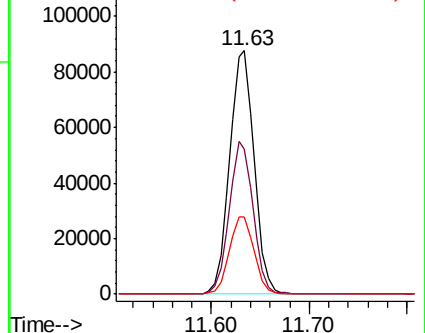
119 31.5 25.4 38.2

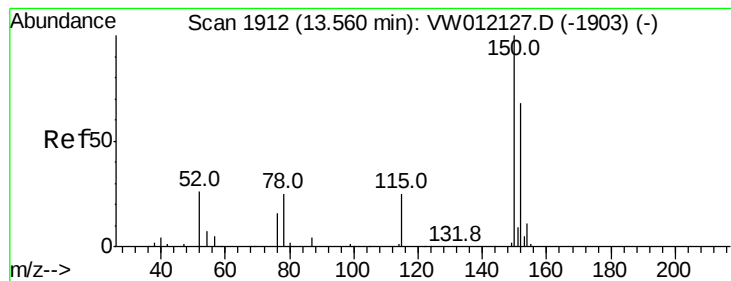


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012590.D

Acq: 04 Sep 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

TP4-COMP

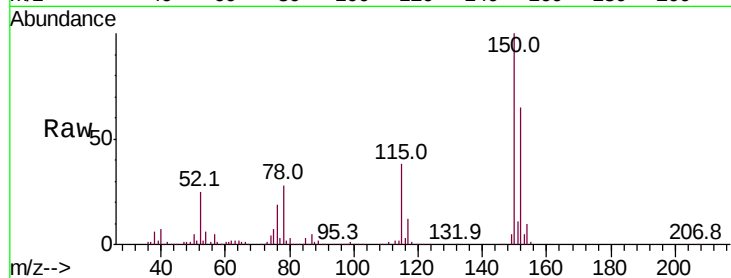
Tot Ion:152 Resp: 59800

Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.3

150 157.9 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

