

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012165.D
 Acq On : 26 Aug 2019 12:05
 Operator : SY/VA
 Sample : K4477-02
 Misc : 6.80G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1(3-6)

Quant Time: Aug 27 05:11:18 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

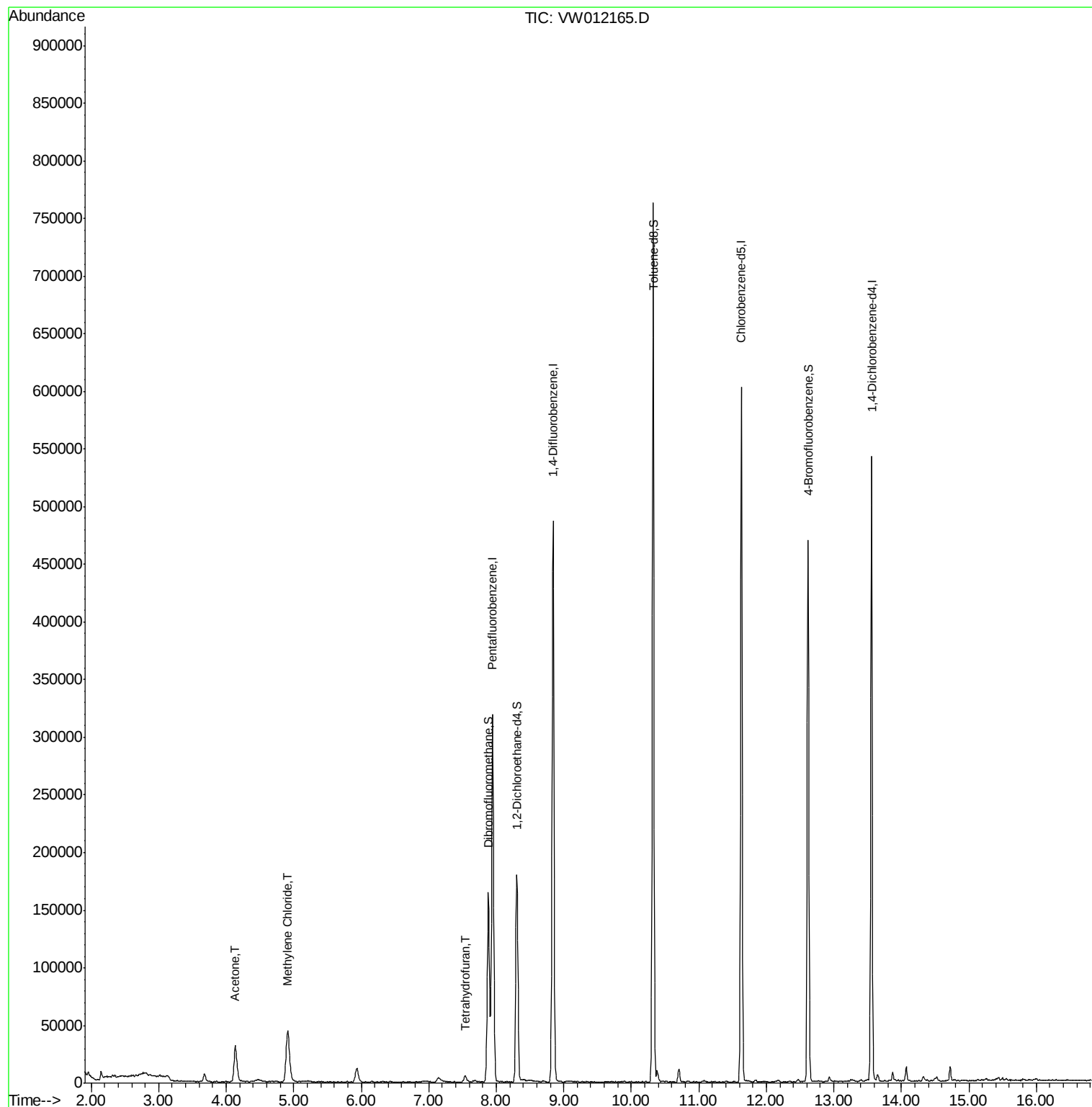
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132868	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	143745	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
35) Dibromofluoromethane	7.88	113	117321	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
50) Toluene-d8	10.32	98	464835	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.62	95	148755	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
Target Compounds						
16) Acetone	4.13	43	62796	91.931	ug/l	98
20) Methylene Chloride	4.92	84	34379	13.313	ug/l	94
29) Tetrahydrofuran	7.54	42	4958	8.903	ug/l	99

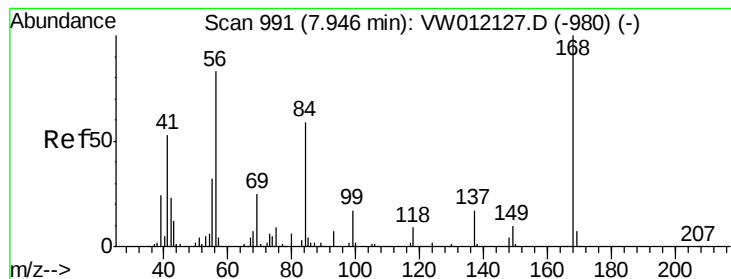
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
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: VW012165.D

Acq: 26 Aug 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

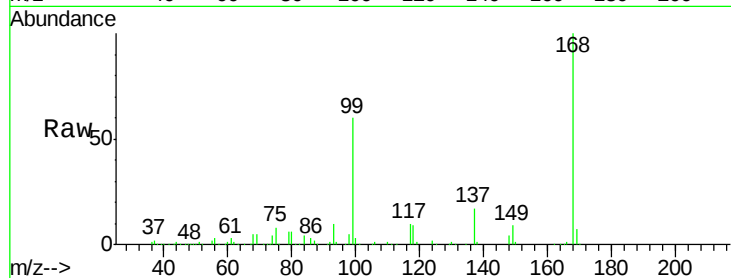
TP-1(3-6)

Tot Ion:168 Resp: 224793

Ion Ratio Lower Upper

168 100

99 60.5 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

120000

100000

80000

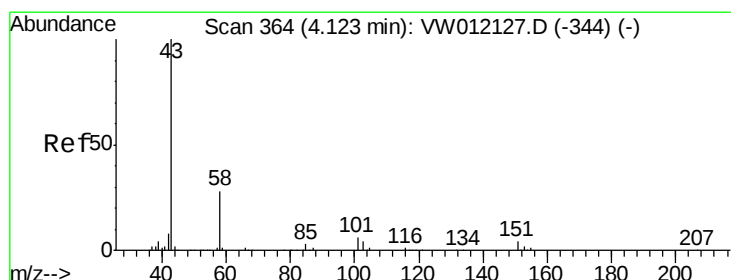
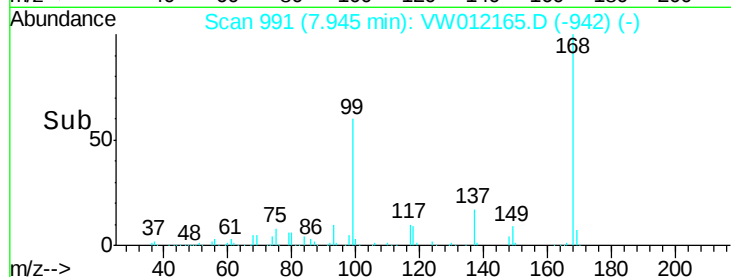
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 91.931 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012165.D

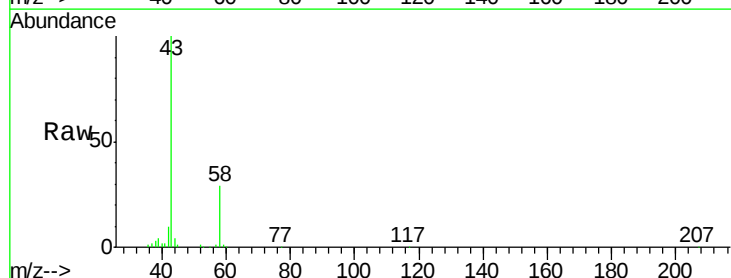
Acq: 26 Aug 2019 12:05

Tgt Ion: 43 Resp: 62796

Ion Ratio Lower Upper

43 100

58 29.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

20000

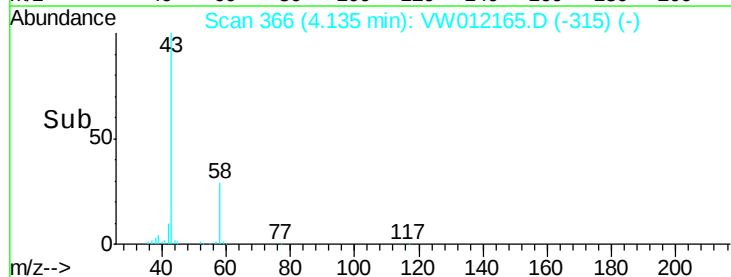
15000

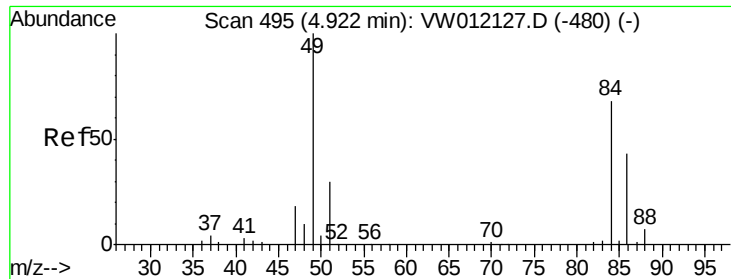
10000

5000

0

Time--> 4.00 4.10 4.20 4.30



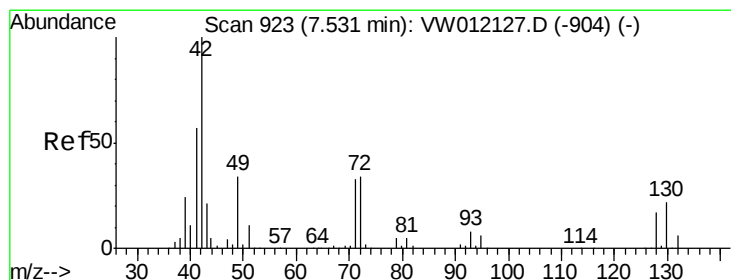
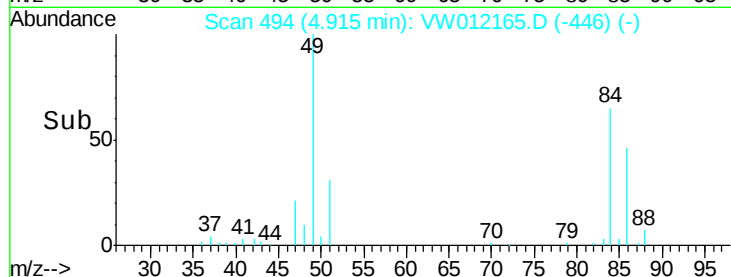
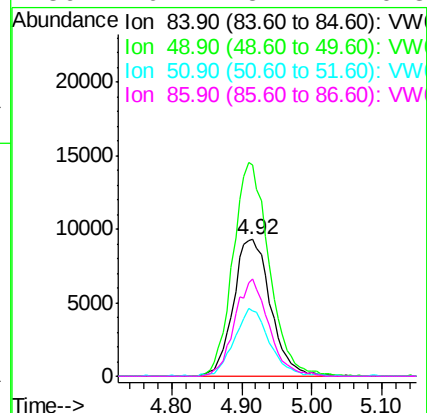
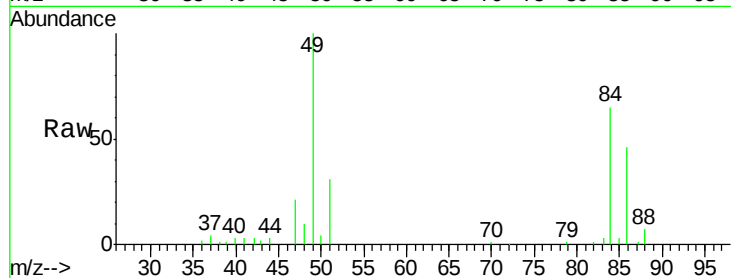


#20
Methvlene Chloride
Concen: 13.313 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012165.D
Acq: 26 Aug 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
TP-1(3-6)

Tot Ion: 84 Resp: 34379

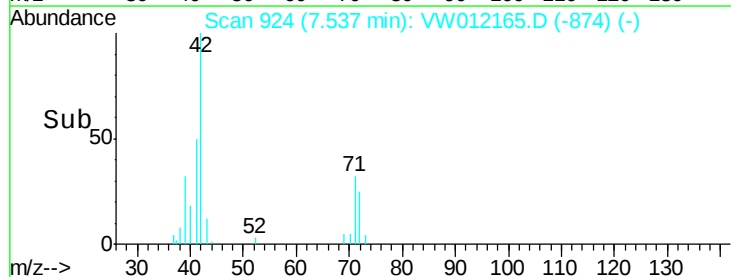
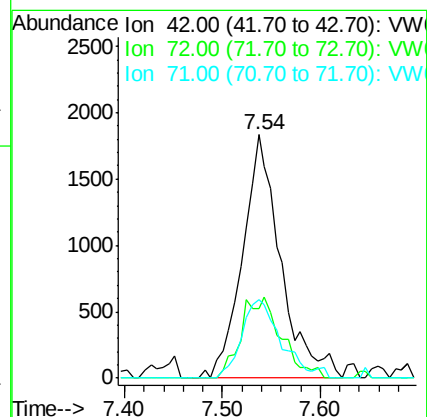
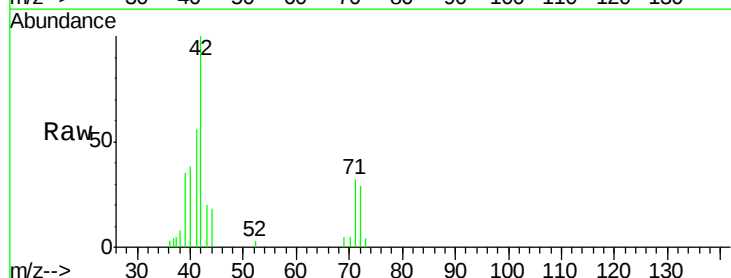
Ion	Ratio	Lower	Upper
84	100		
49	154.6	117.8	176.8
51	47.4	35.6	53.4
86	70.7	51.2	76.8

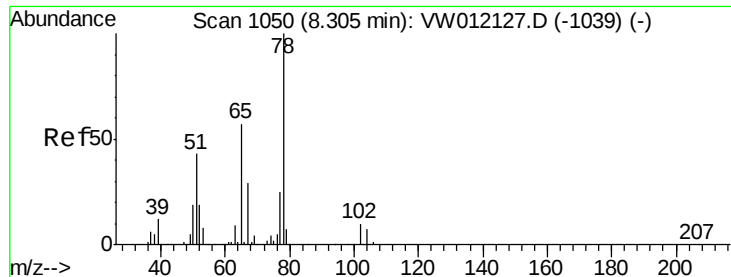


#29
Tetrahydrofuran
Concen: 8.903 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012165.D
Acq: 26 Aug 2019 12:05

Tgt Ion: 42 Resp: 4958

Ion	Ratio	Lower	Upper
42	100		
72	35.2	27.3	40.9
71	32.5	25.5	38.3





#33

1,2-Dichloroethane-d4

Concen: 53.792 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012165.D

Acq: 26 Aug 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

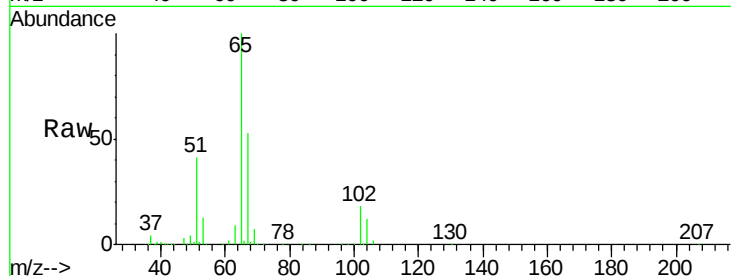
TP-1(3-6)

Tot Ion: 65 Resp: 143745

Ion Ratio Lower Upper

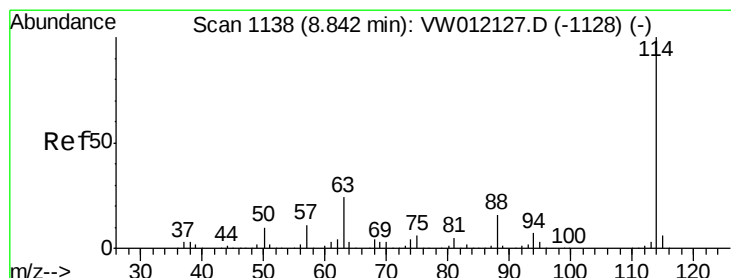
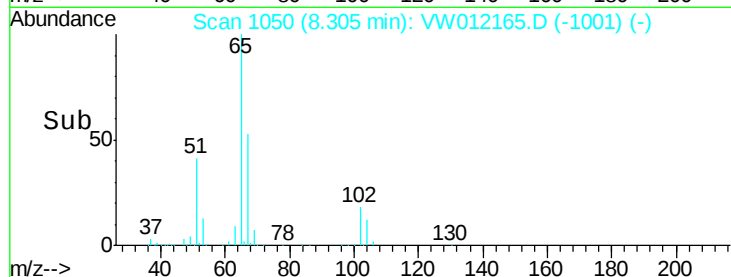
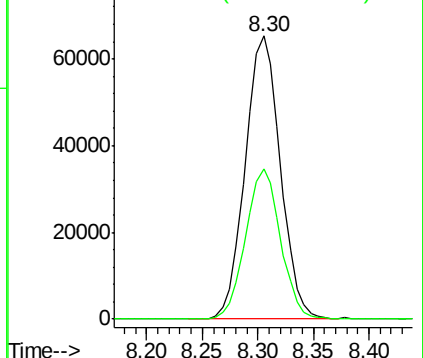
65 100

67 52.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012165.D

Acq: 26 Aug 2019 12:05

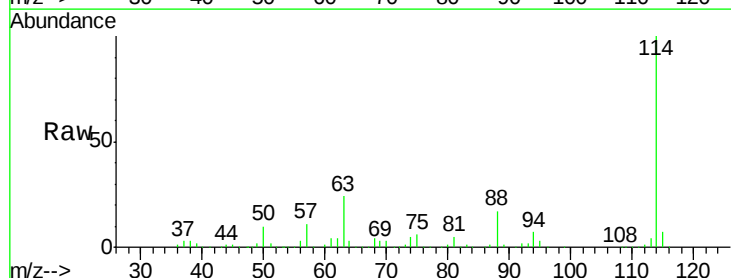
Tgt Ion: 114 Resp: 378182

Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.6

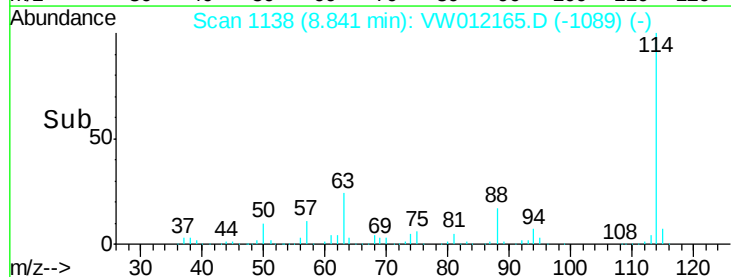
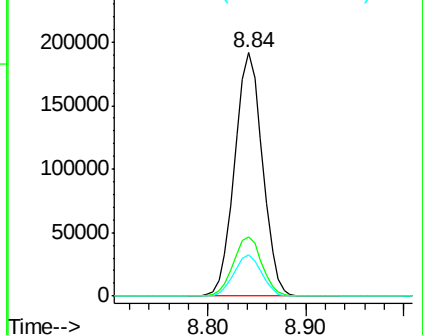
88 16.9 0.0 32.2

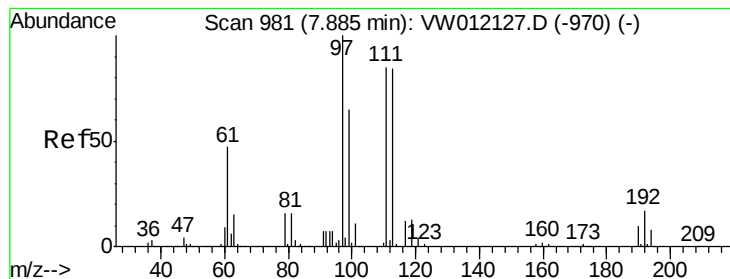


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.972 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012165.D

Acq: 26 Aug 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

TP-1(3-6)

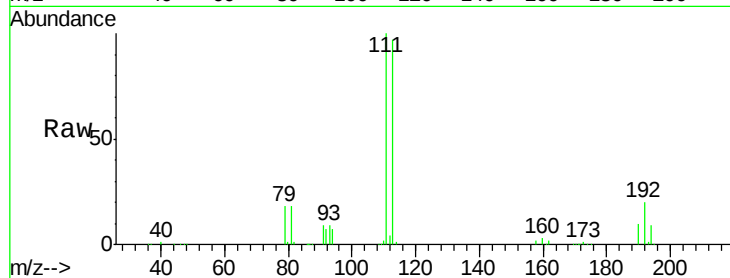
Tot Ion:113 Resp: 117321

Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

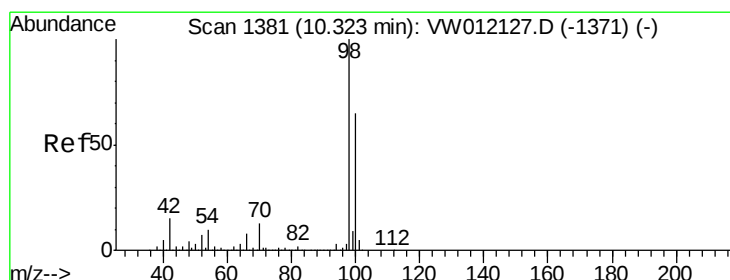
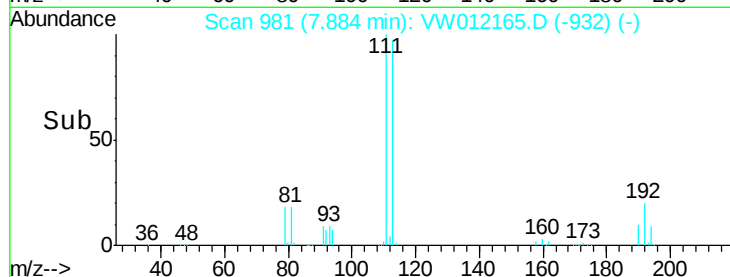
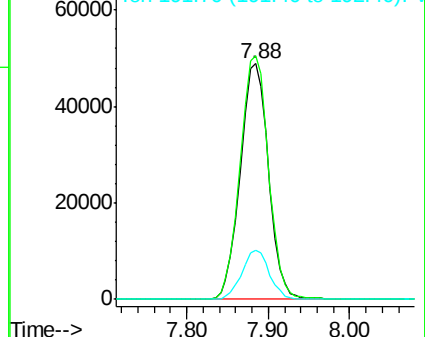
192 20.3 16.2 24.2



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: 50.785 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012165.D

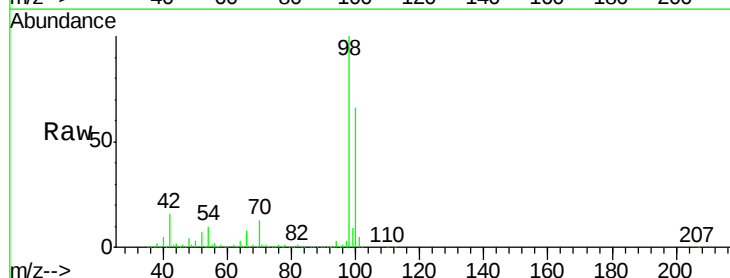
Acq: 26 Aug 2019 12:05

Tgt Ion: 98 Resp: 464835

Ion Ratio Lower Upper

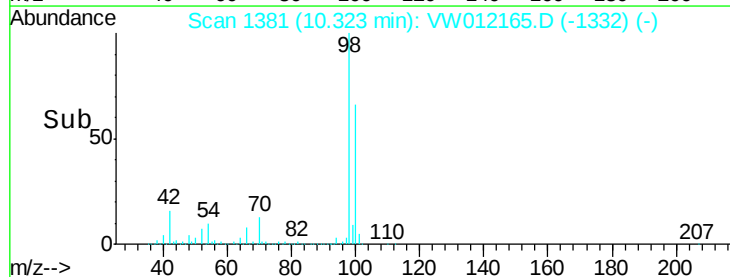
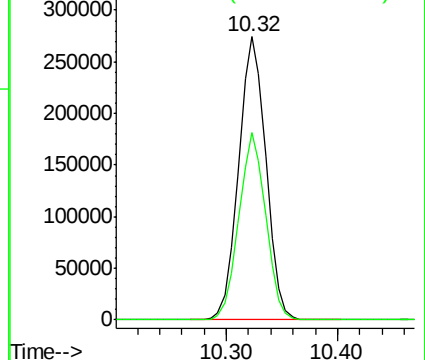
98 100

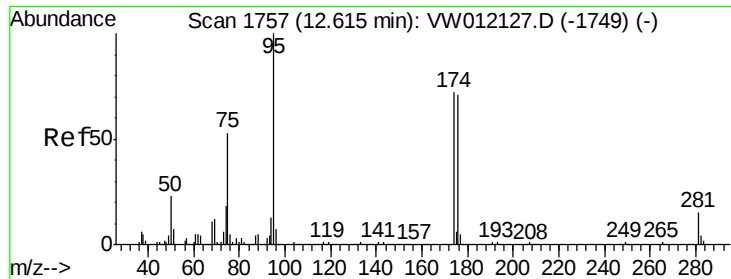
100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.105 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012165.D

Acq: 26 Aug 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

TP-1(3-6)

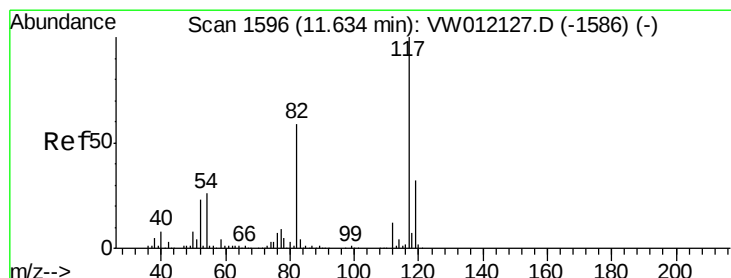
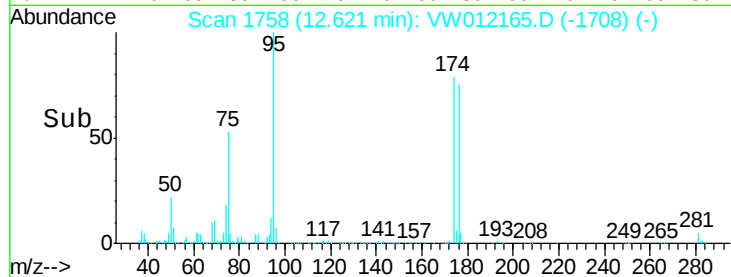
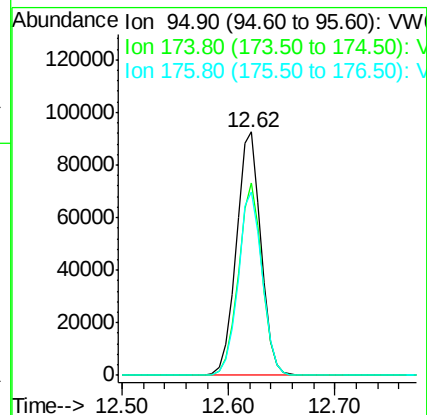
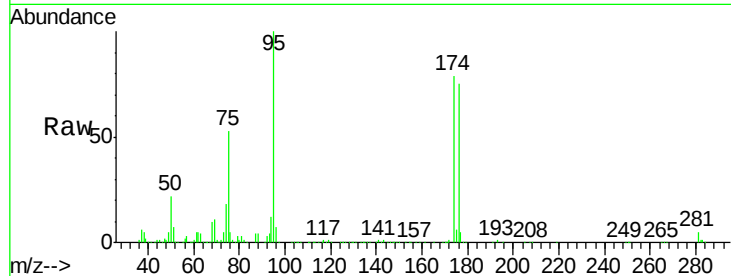
Tot Ion: 95 Resp: 148755

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.8

176 74.1 0.0 148.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012165.D

Acq: 26 Aug 2019 12:05

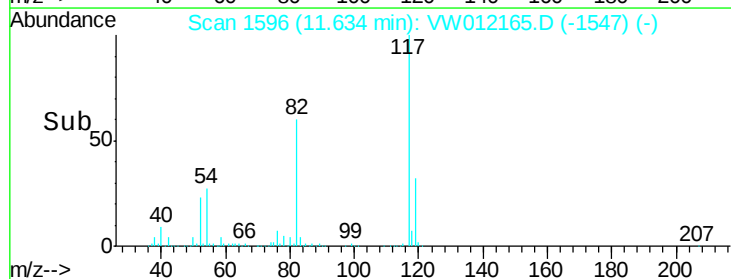
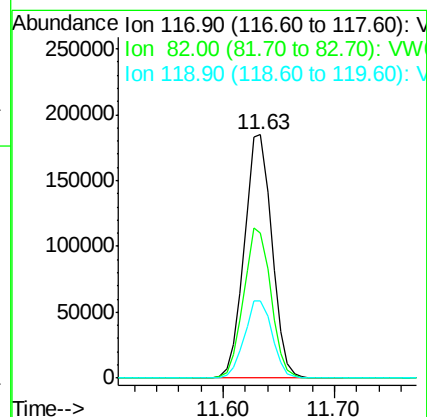
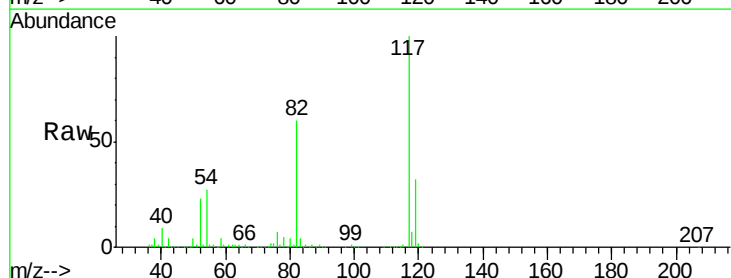
Tgt Ion: 117 Resp: 317961

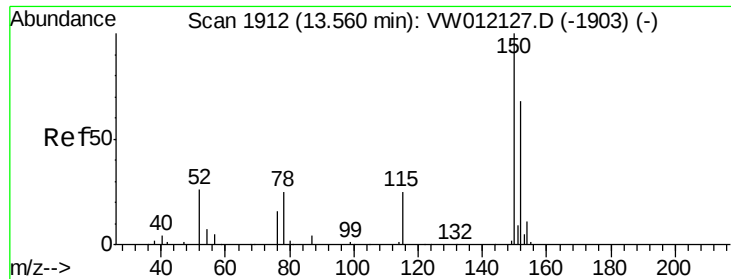
Ion Ratio Lower Upper

117 100

82 59.8 47.4 71.2

119 31.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012165.D

Acq: 26 Aug 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

TP-1(3-6)

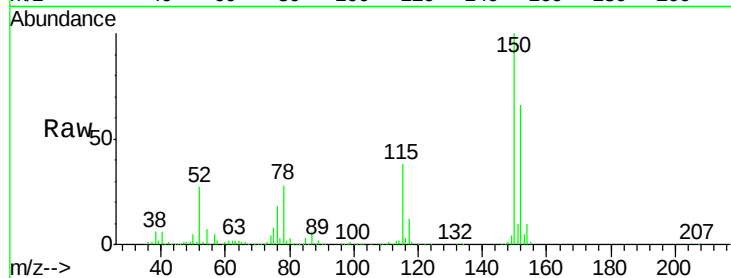
Tot Ion:152 Resp: 132868

Ion Ratio Lower Upper

152 100

115 59.6 30.1 90.3

150 157.4 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

