

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012065.D
 Acq On : 21 Aug 2019 12:17
 Operator : SY/VA
 Sample : K4387-15
 Misc : 5.64G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A2-(2)

Quant Time: Aug 22 05:51:10 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

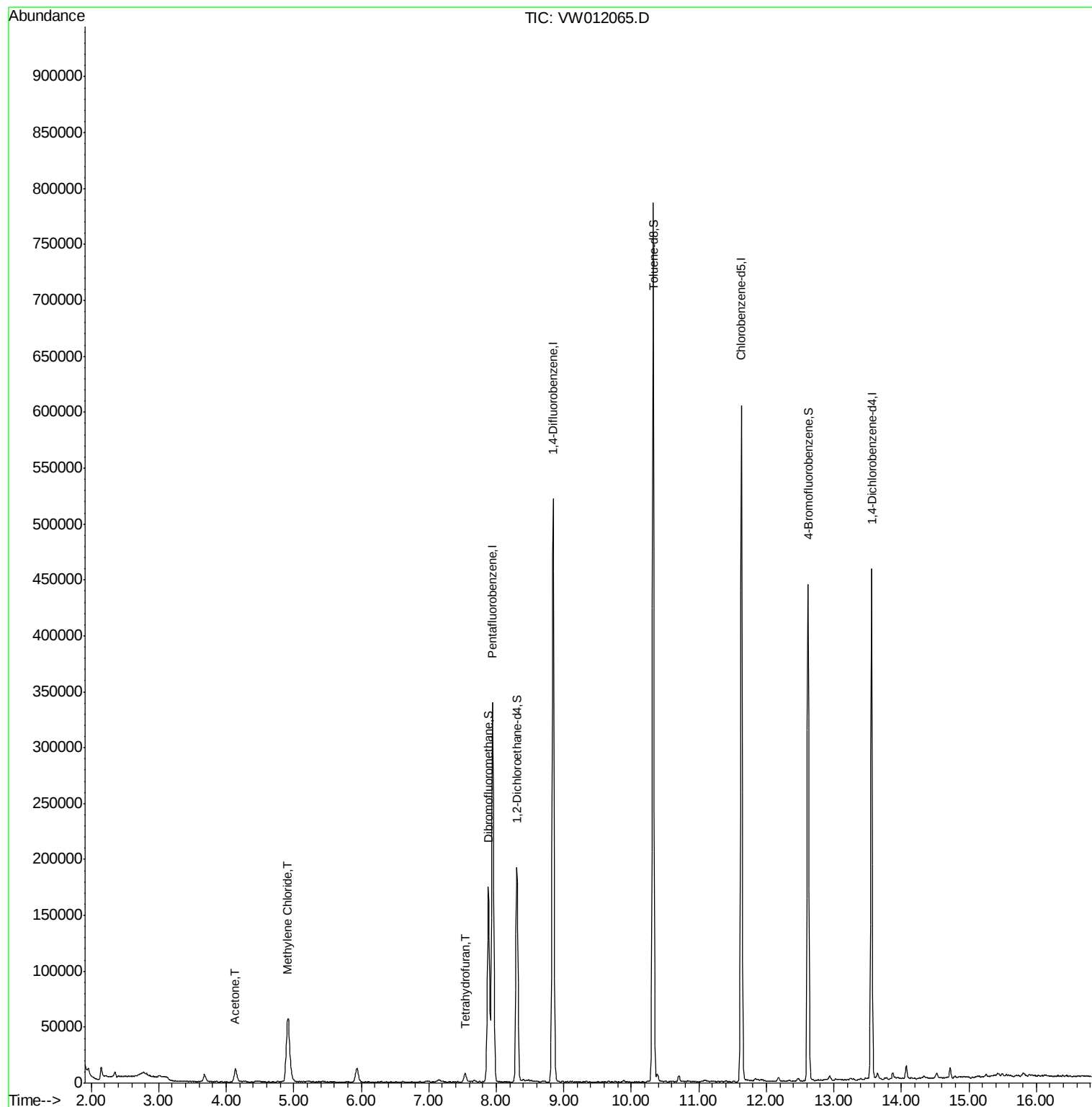
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	151807	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	7.88	113	123843	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
50) Toluene-d8	10.32	98	494750	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.62	95	147269	43.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.62%	
Target Compounds						
16) Acetone	4.14	43	22240	24.339	ug/l	94
20) Methylene Chloride	4.92	84	45048	14.295	ug/l	98
29) Tetrahydrofuran	7.54	42	7179	10.504	ug/l	100

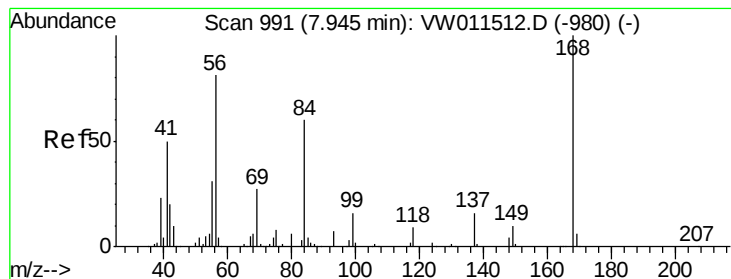
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
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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: VW012065.D

Acq: 21 Aug 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

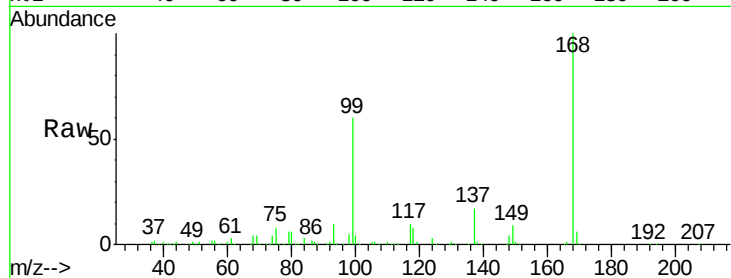
T4-A2-(2)

Tot Ion:168 Resp: 250166

Ion Ratio Lower Upper

168 100

99 59.5 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

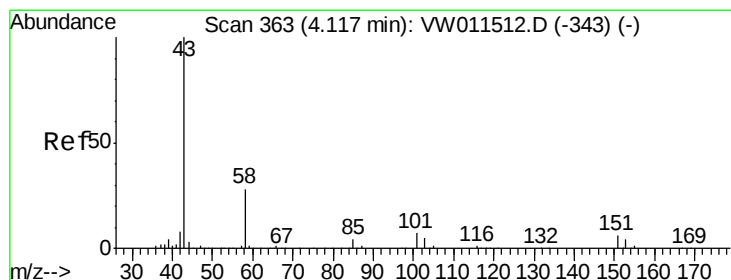
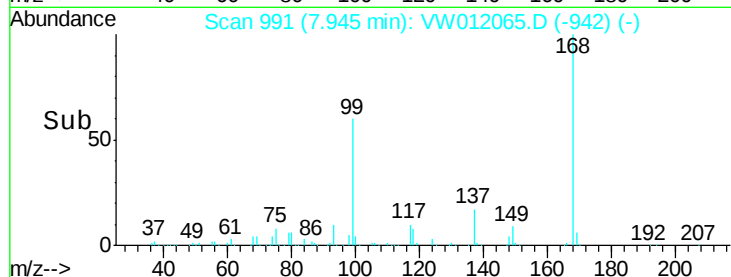
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 24.339 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012065.D

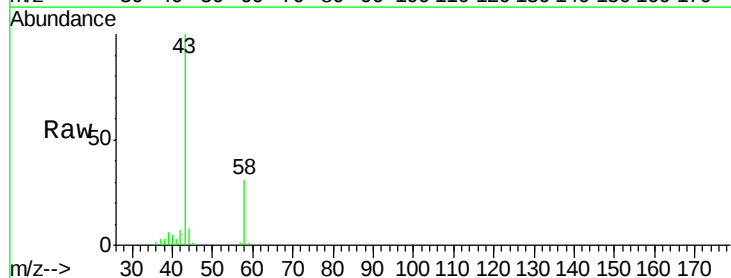
Acq: 21 Aug 2019 12:17

Tgt Ion: 43 Resp: 22240

Ion Ratio Lower Upper

43 100

58 31.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

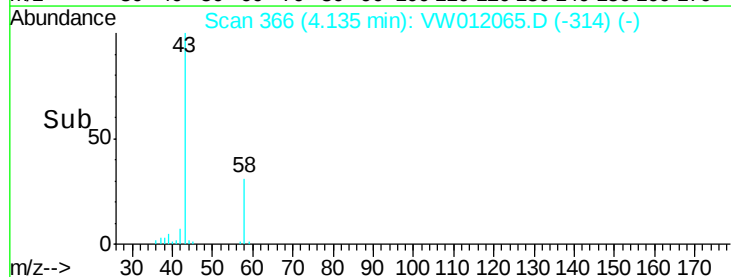
6000

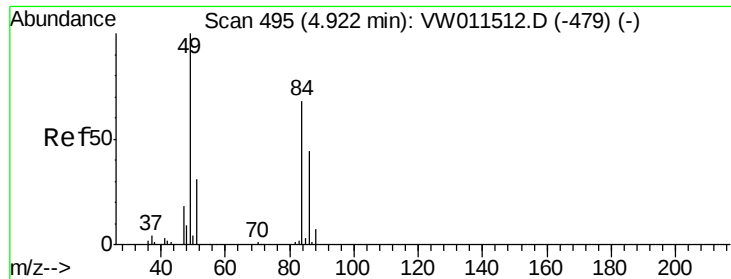
4000

2000

0

Time--> 4.00 4.10 4.20 4.30

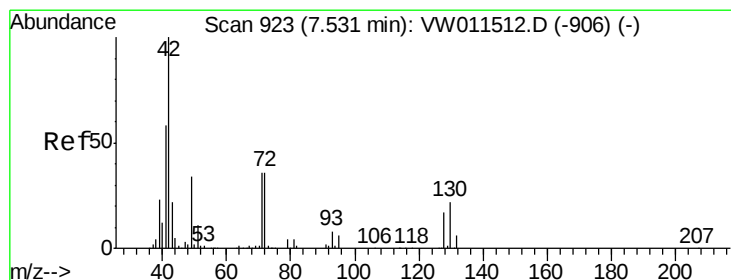
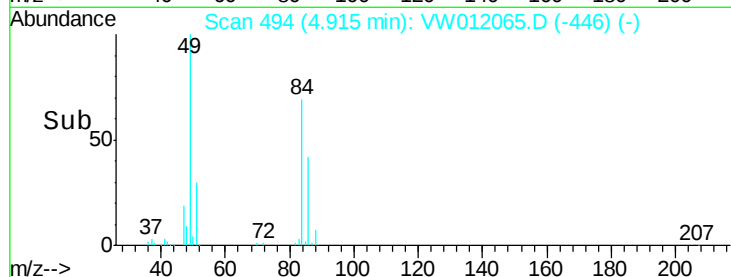
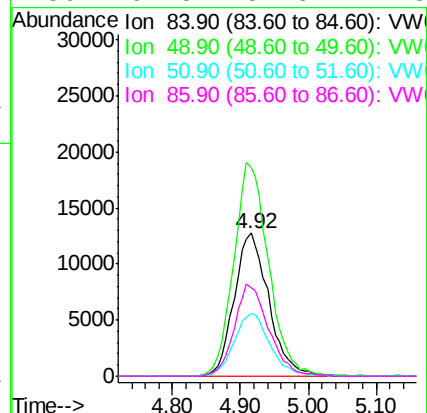
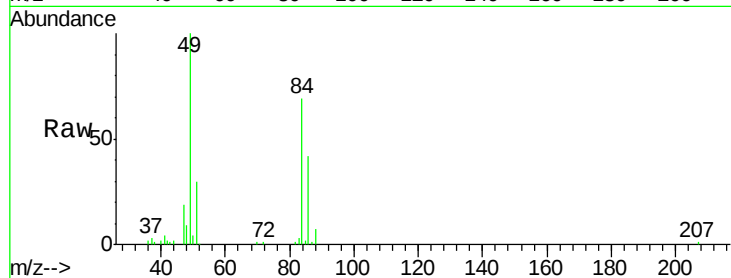




#20
Methvlene Chloride
Concen: 14.295 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012065.D
Acq: 21 Aug 2019 12:17

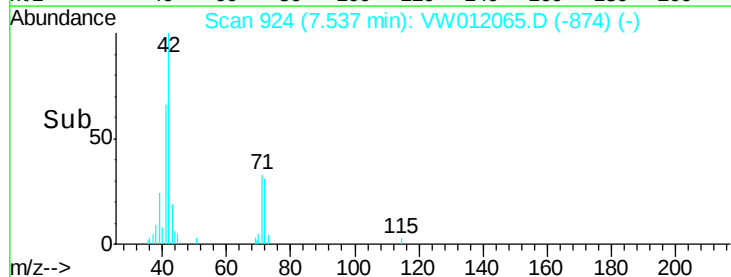
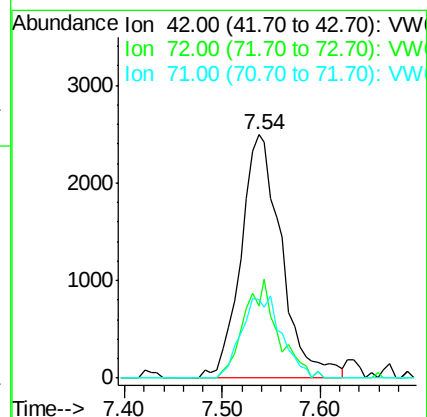
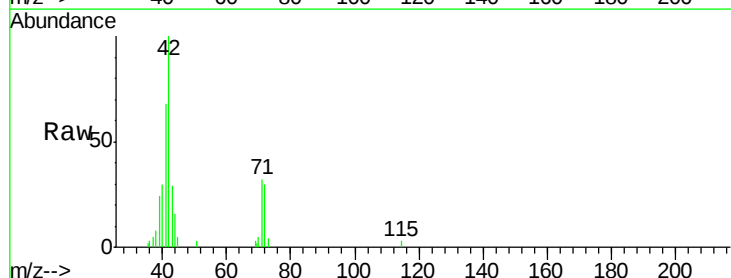
Instrument :
MSVOA_W
ClientSampleId :
T4-A2-(2)

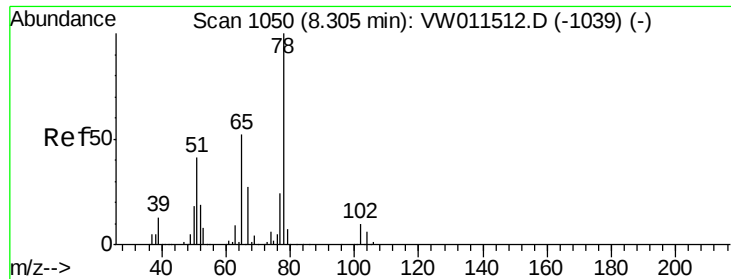
Tot Ion: 84 Resp: 45048
Ion Ratio Lower Upper
84 100
49 145.7 117.8 176.6
51 43.5 37.0 55.4
86 61.8 51.8 77.8



#29
Tetrahydrofuran
Concen: 10.504 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012065.D
Acq: 21 Aug 2019 12:17

Tgt Ion: 42 Resp: 7179
Ion Ratio Lower Upper
42 100
72 33.7 27.1 40.7
71 33.1 26.2 39.4

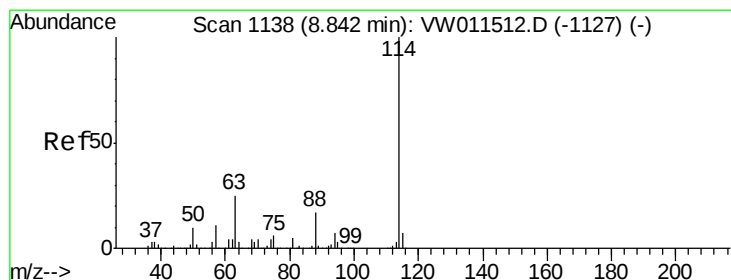
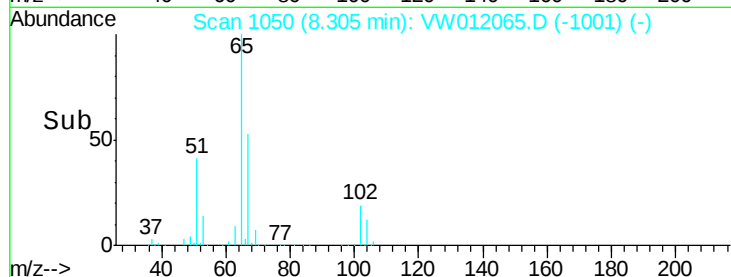
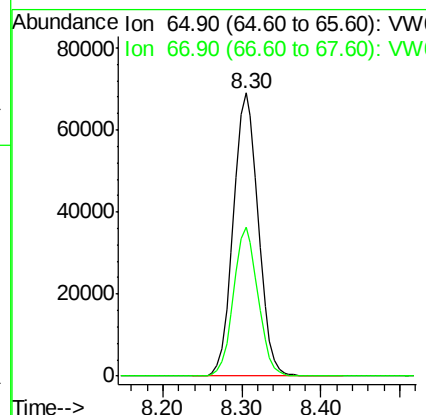
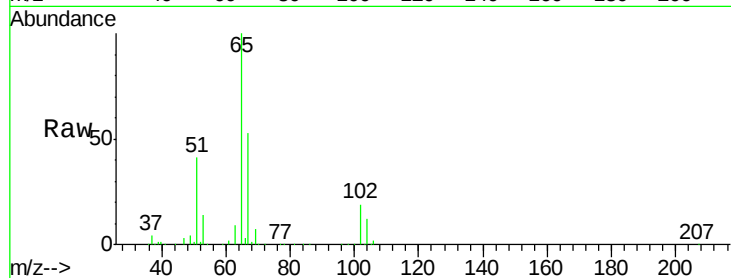




#33
 1,2-Dichloroethane-d4
 Concen: 52.847 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012065.D
 Acq: 21 Aug 2019 12:17

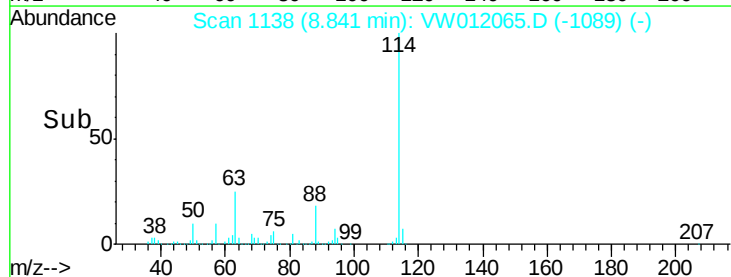
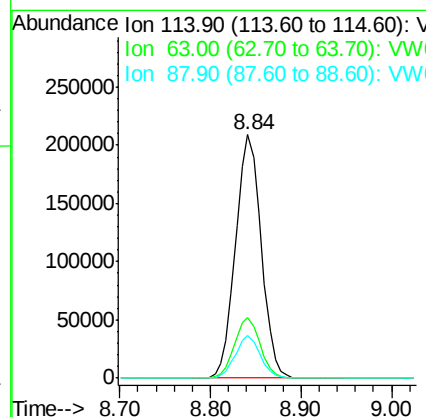
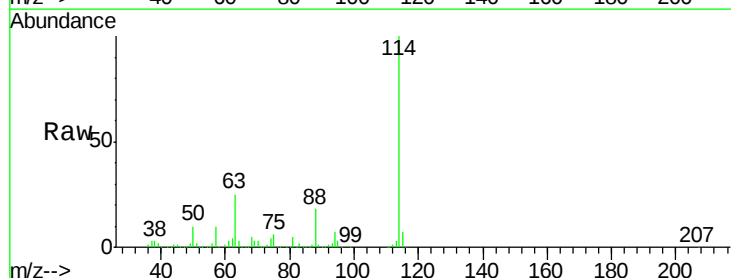
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A2-(2)

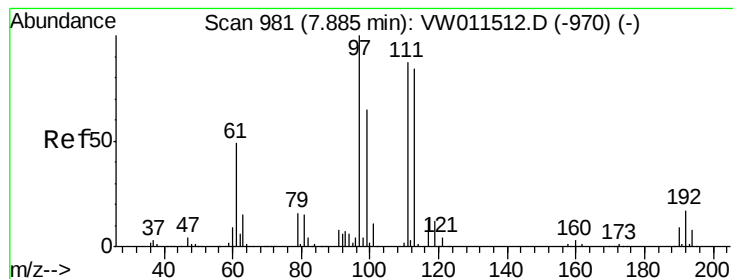
Tot Ion: 65 Resp: 151807
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012065.D
 Acq: 21 Aug 2019 12:17

Tgt Ion: 114 Resp: 410469
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 17.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 53.779 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012065.D

Acq: 21 Aug 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

T4-A2-(2)

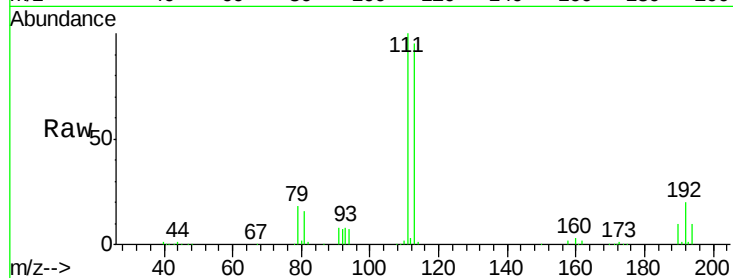
Tot Ion:113 Resp: 123843

Ion Ratio Lower Upper

113 100

111 103.6 82.7 124.1

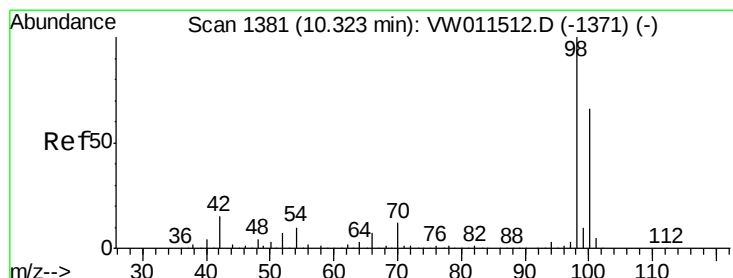
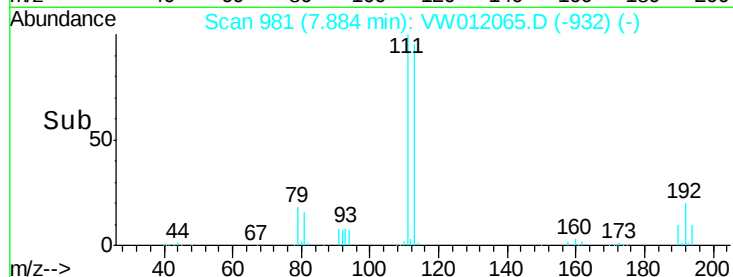
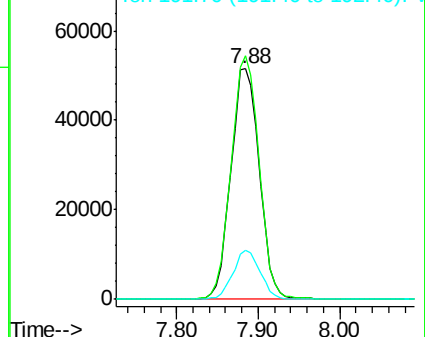
192 20.4 16.1 24.1



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



#50

Toluene-d8

Concen: 52.475 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012065.D

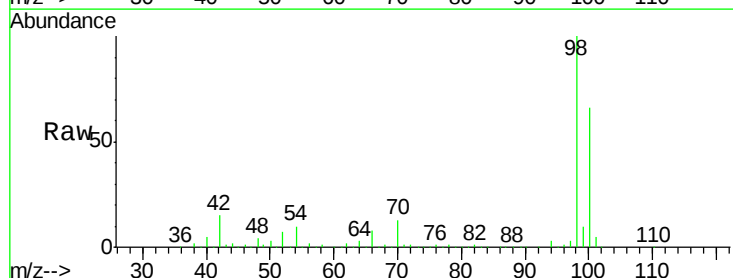
Acq: 21 Aug 2019 12:17

Tgt Ion: 98 Resp: 494750

Ion Ratio Lower Upper

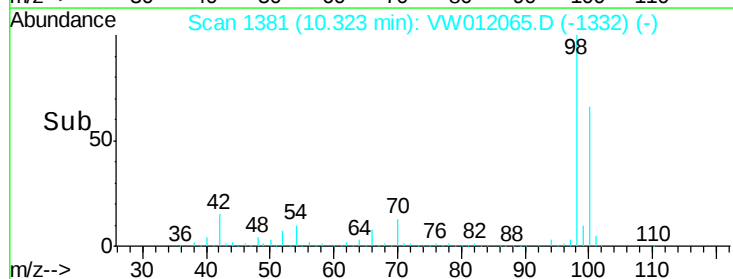
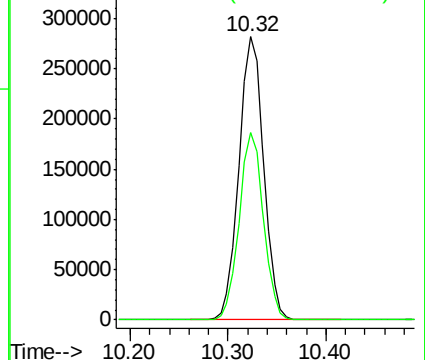
98 100

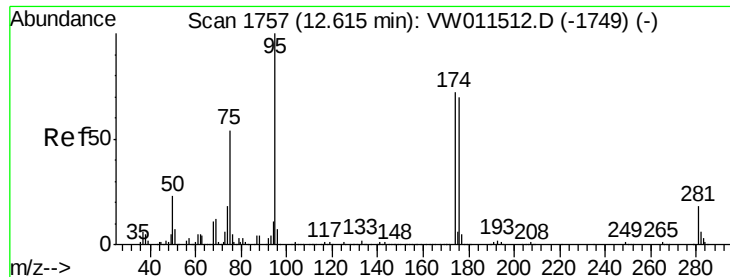
100 64.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 43.812 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012065.D

Acq: 21 Aug 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

T4-A2-(2)

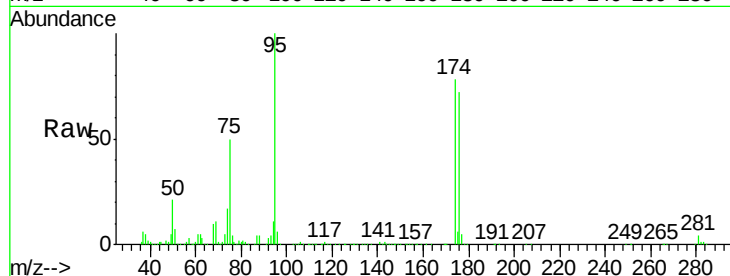
Tot Ion: 95 Resp: 147269

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.2

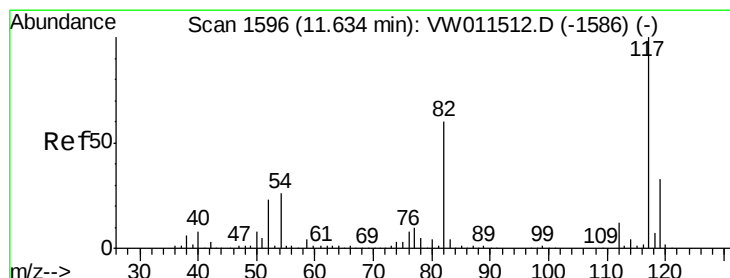
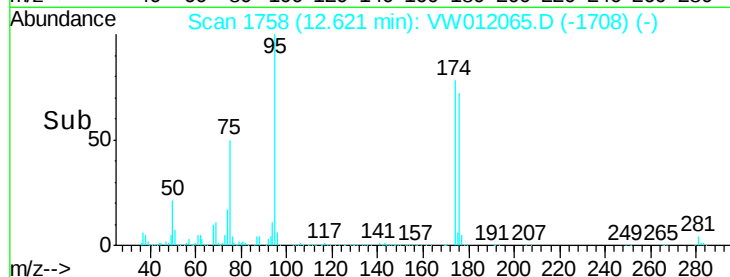
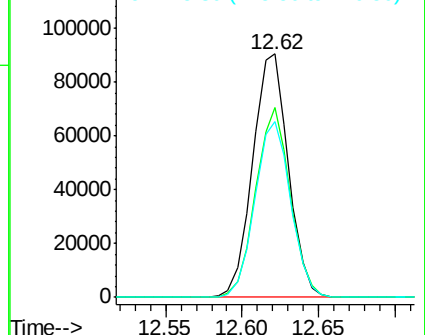
176 72.5 0.0 144.4



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: VW012065.D

Acq: 21 Aug 2019 12:17

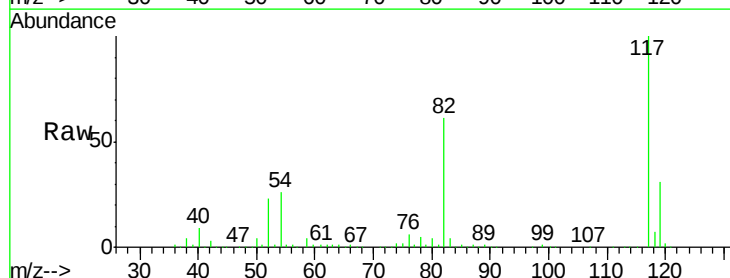
Tgt Ion: 117 Resp: 326155

Ion Ratio Lower Upper

117 100

82 60.6 47.9 71.9

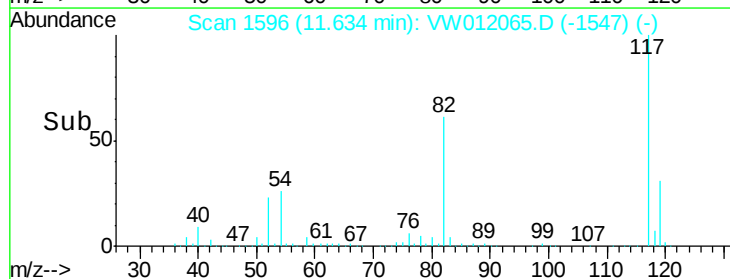
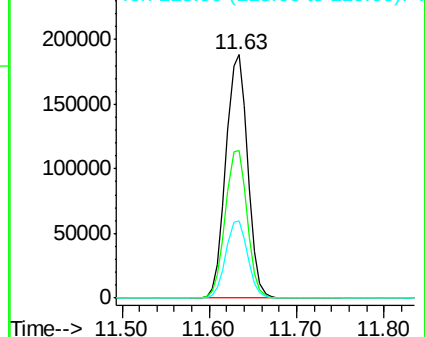
119 31.5 26.2 39.2

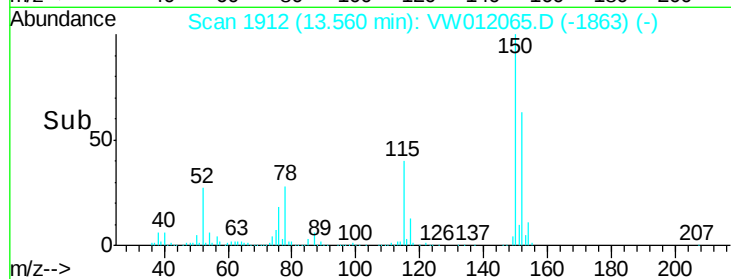
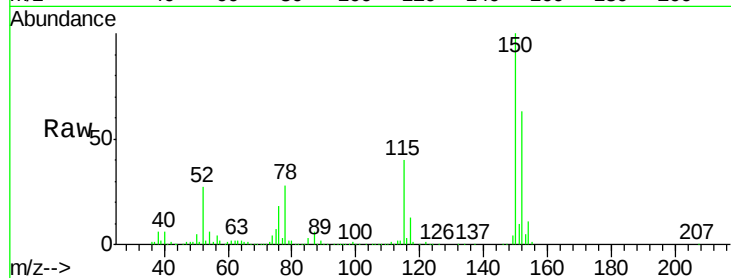
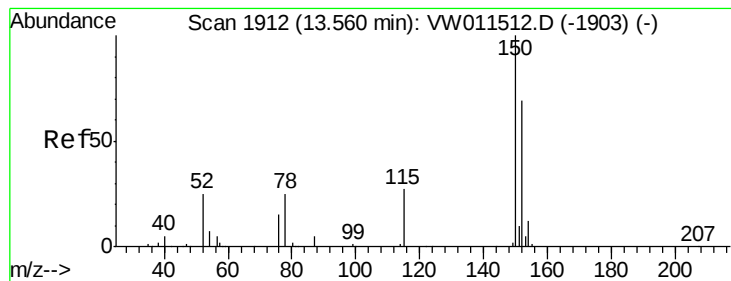


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012065.D

Acq: 21 Aug 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

T4-A2-(2)

Tot Ion:152 Resp: 111952

Ion Ratio Lower Upper

152 100

115 62.2 30.5 91.5

150 158.5 0.0 352.6

