

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012457.D
 Acq On : 01 Sep 2019 19:05
 Operator : SY/VA
 Sample : K4516-09
 Misc : 5.48G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-E-(2.5)

Quant Time: Sep 02 08:03:37 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

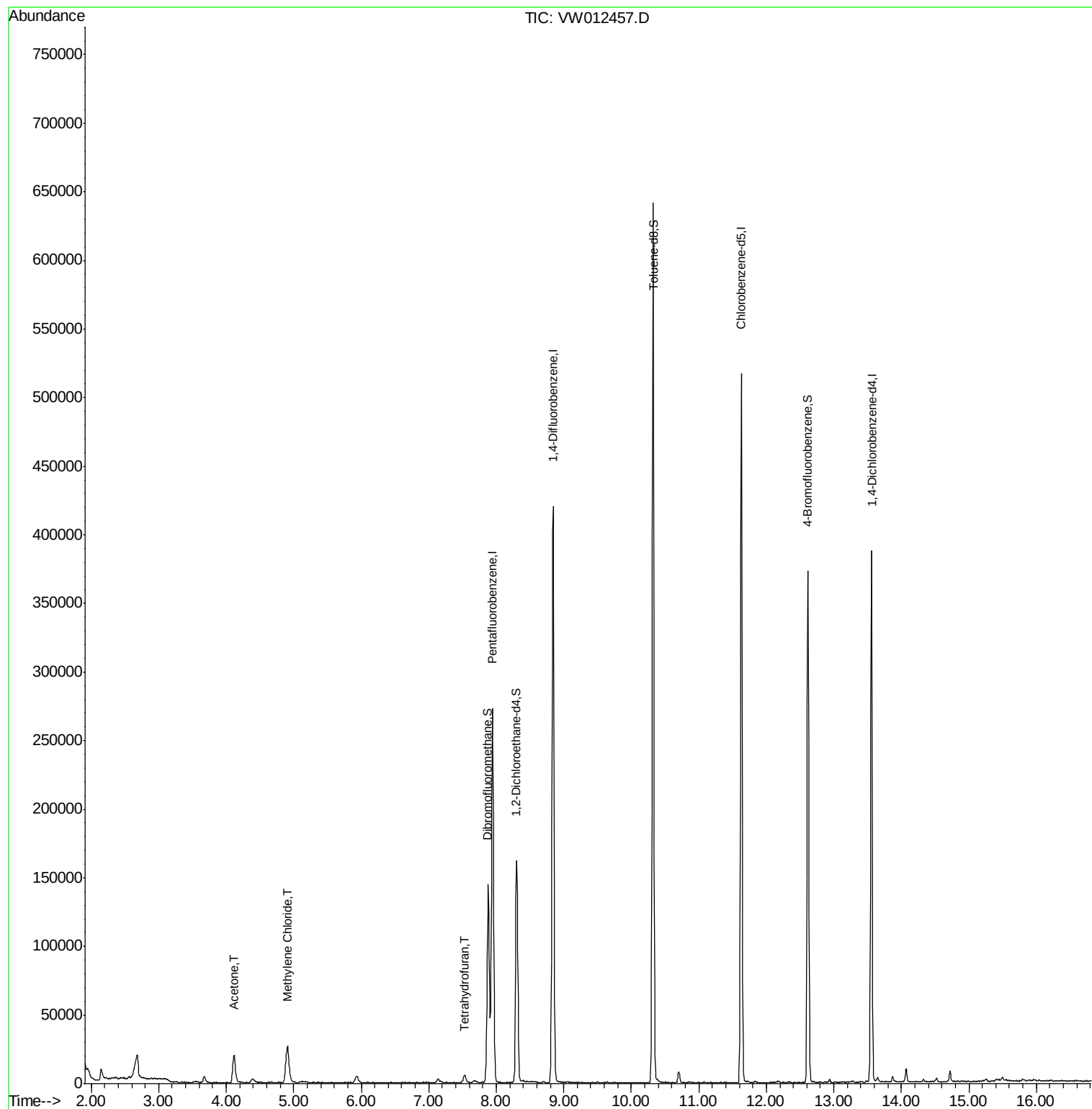
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	97168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	132418	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
35) Dibromofluoromethane	7.88	113	103141	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
50) Toluene-d8	10.32	98	397846	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.62	95	118644	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.58%	
Target Compounds						
16) Acetone	4.12	43	37301	62.221	ug/l	98
20) Methylene Chloride	4.91	84	18932	8.354	ug/l	98
29) Tetrahydrofuran	7.54	42	4854	9.931	ug/l	95

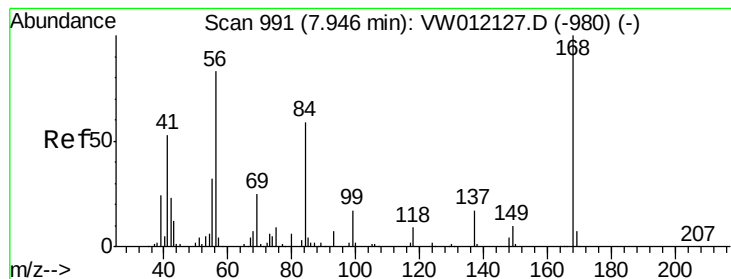
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090119\
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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: VW012457.D

Acq: 01 Sep 2019 19:05

Instrument :

MSVOA_W

ClientSampleId :

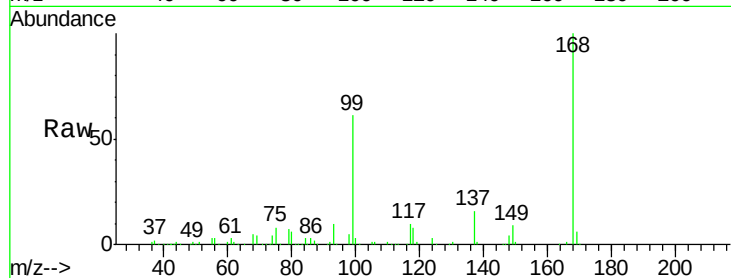
T1-S-E-(2.5)

Tot Ion:168 Resp: 197286

Ion Ratio Lower Upper

168 100

99 60.6 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

100000

80000

60000

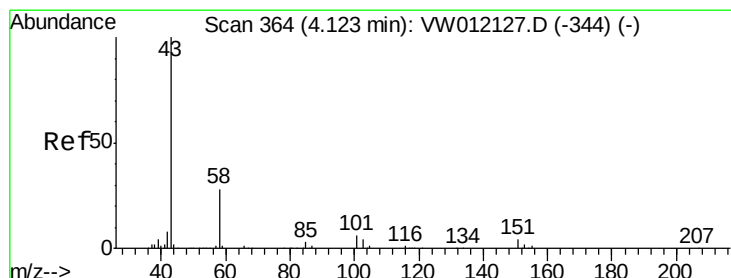
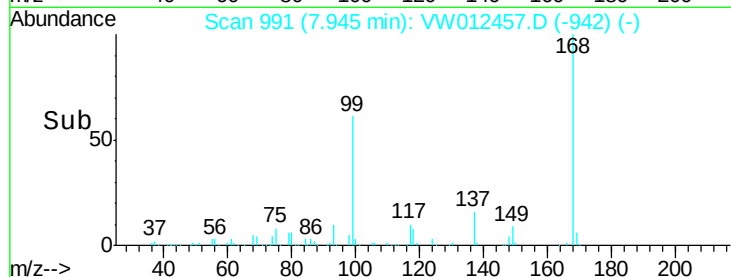
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 62.221 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012457.D

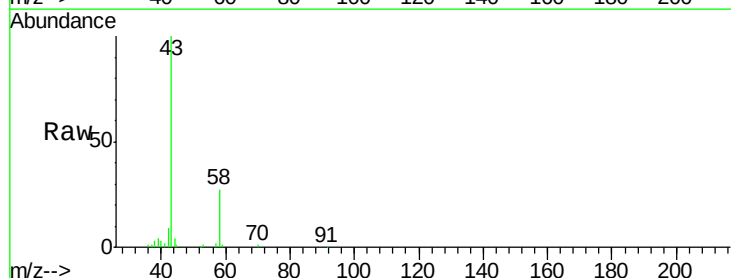
Acq: 01 Sep 2019 19:05

Tgt Ion: 43 Resp: 37301

Ion Ratio Lower Upper

43 100

58 26.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

15000

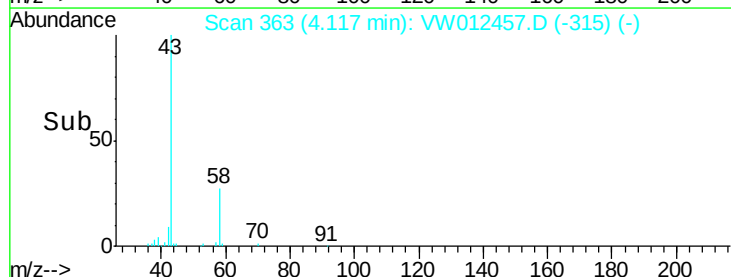
10000

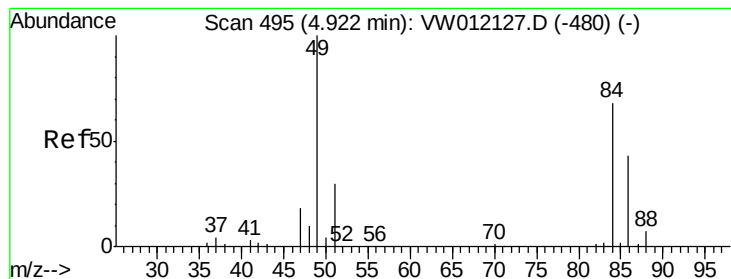
5000

0

4.00 4.10 4.20 4.30

Time-->





#20

Methvlene Chloride

Concen: 8.354 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012457.D

Acq: 01 Sep 2019 19:05

Instrument :

MSVOA_W

ClientSampleId :

T1-S-E-(2.5)

Tot Ion: 84 Resp: 18932

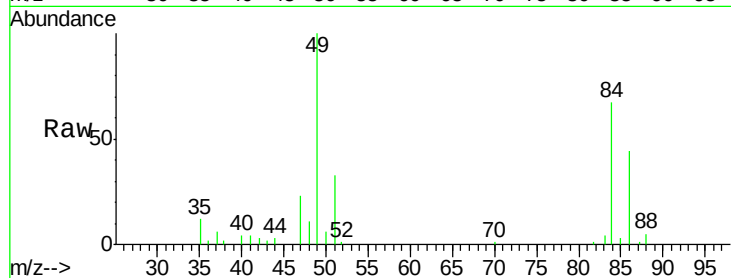
Ion Ratio Lower Upper

84 100

49 146.4 117.8 176.8

51 48.6 35.6 53.4

86 65.0 51.2 76.8

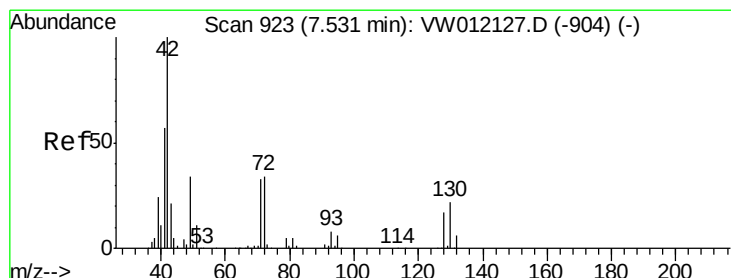
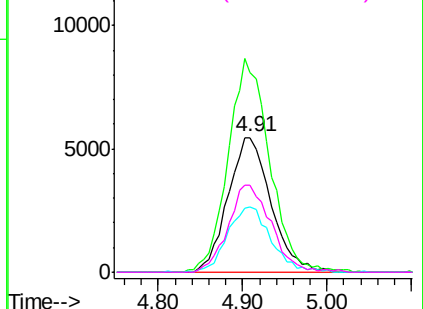
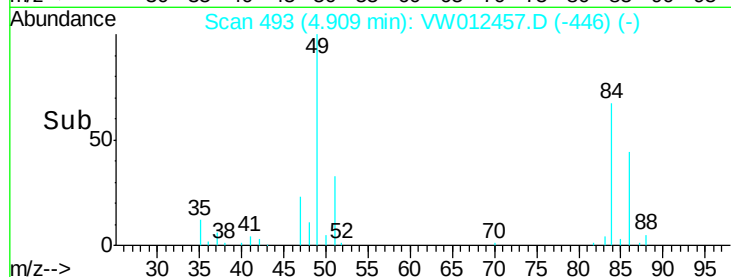


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#29

Tetrahydrofuran

Concen: 9.931 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012457.D

Acq: 01 Sep 2019 19:05

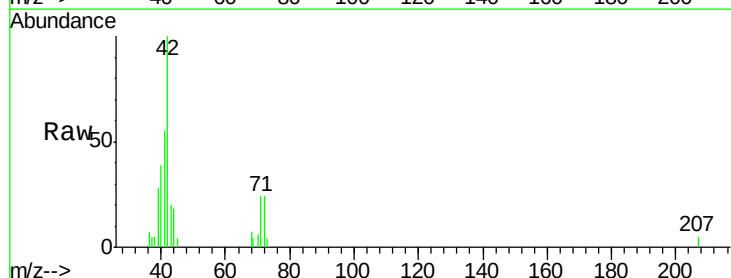
Tgt Ion: 42 Resp: 4854

Ion Ratio Lower Upper

42 100

72 31.5 27.3 40.9

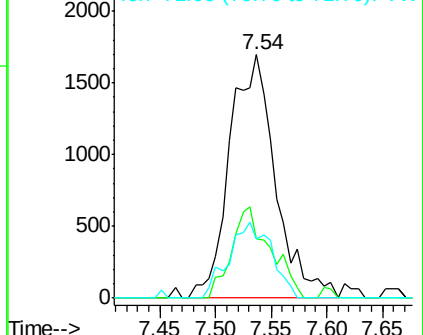
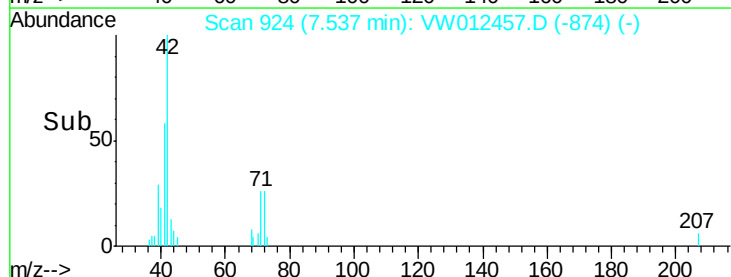
71 28.9 25.5 38.3

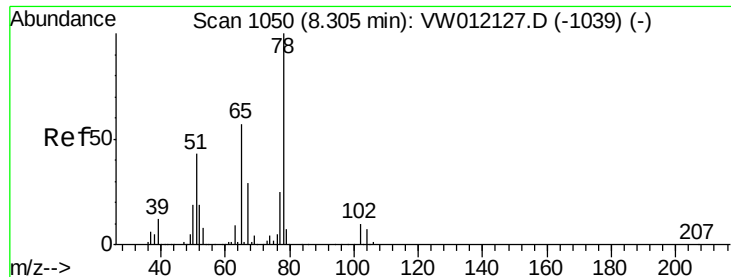


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

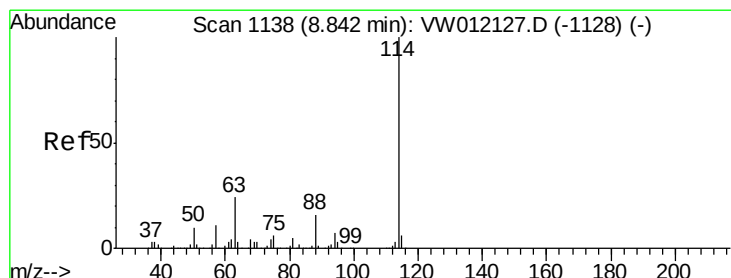
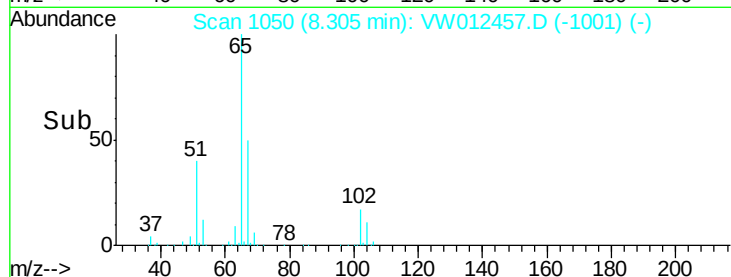
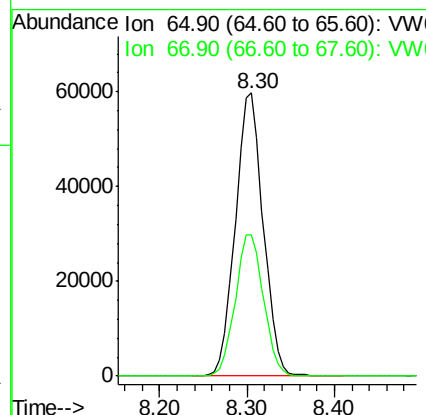
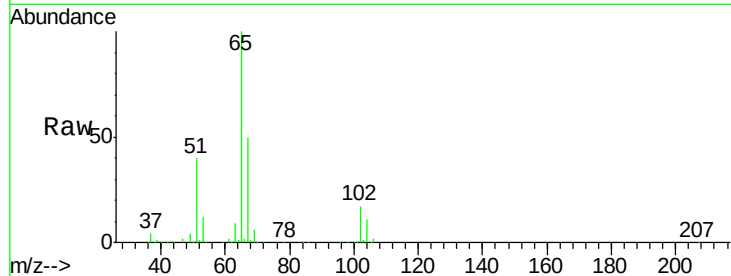




#33
 1,2-Dichloroethane-d4
 Concen: 56.462 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012457.D
 Acq: 01 Sep 2019 19:05

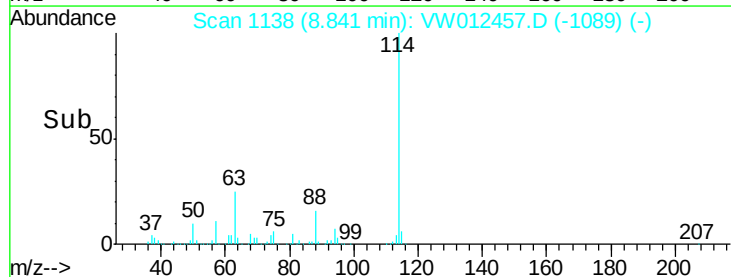
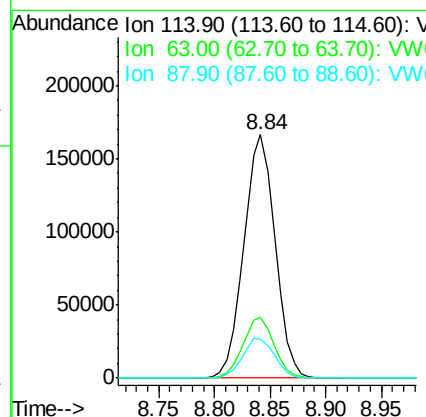
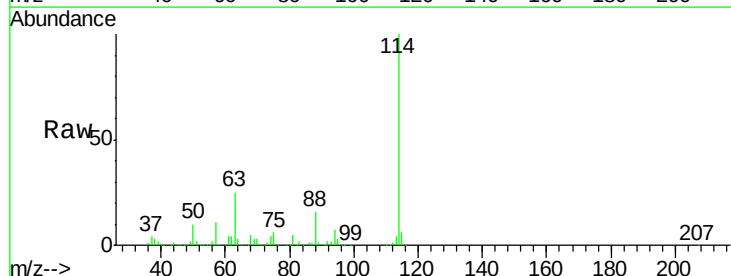
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-E-(2.5)

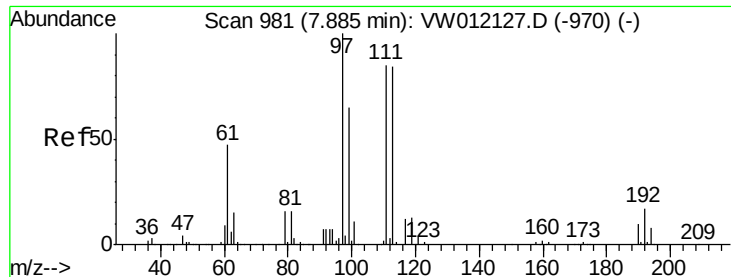
Tot Ion: 65 Resp: 132418
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012457.D
 Acq: 01 Sep 2019 19:05

Tgt Ion: 114 Resp: 324985
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 48.6
 88 15.8 0.0 32.2

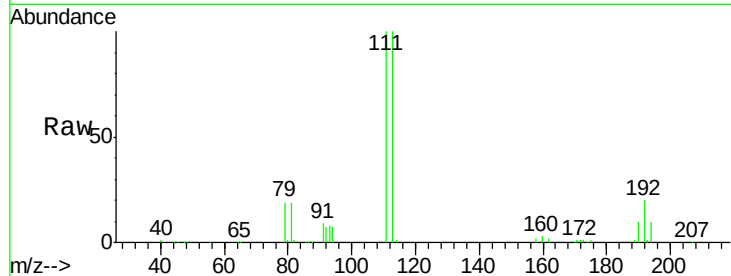




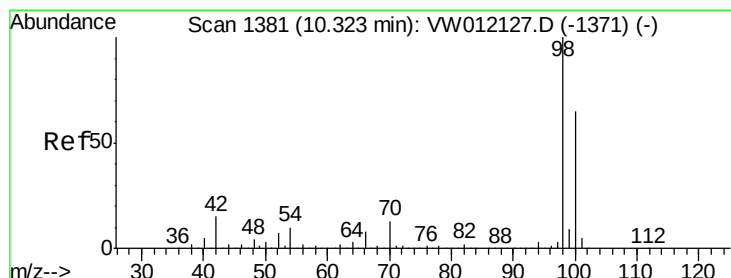
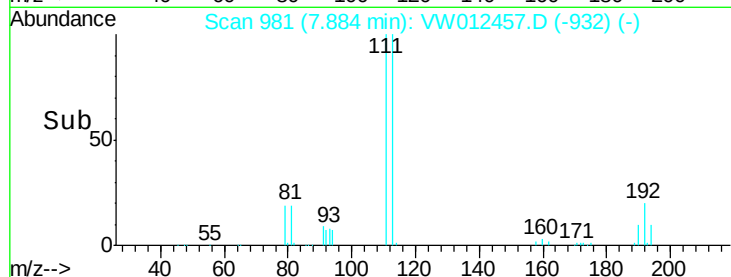
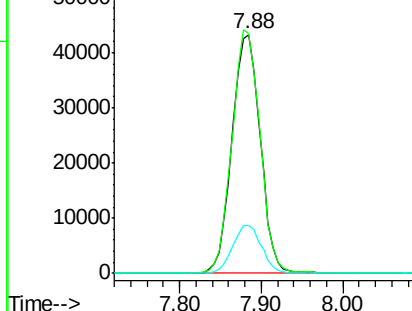
#35
 Dibromofluoromethane
 Concen: 53.170 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012457.D
 Acq: 01 Sep 2019 19:05

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-E-(2.5)

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.7	124.1
192	20.5	16.2	24.2

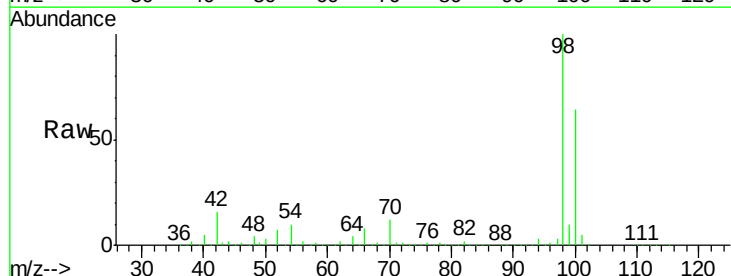


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

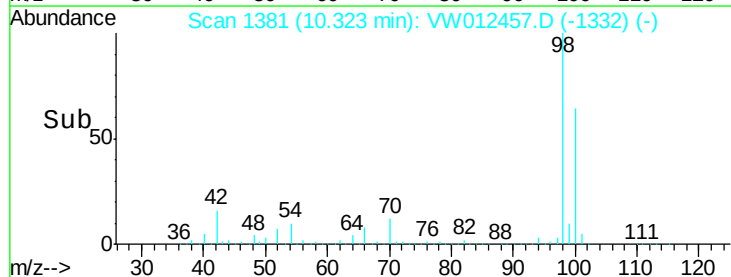
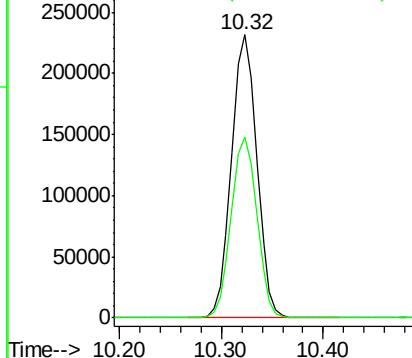


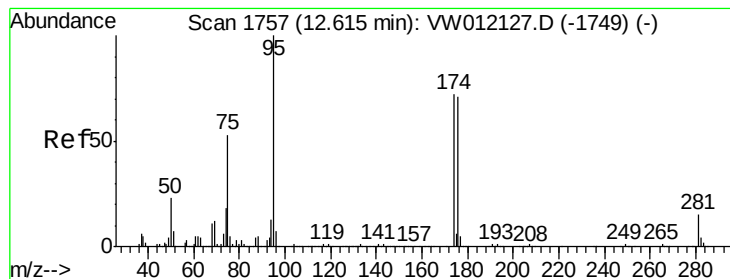
#50
 Toluene-d8
 Concen: 50.581 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012457.D
 Acq: 01 Sep 2019 19:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	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: 42.792 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012457.D

Acq: 01 Sep 2019 19:05

Instrument :

MSVOA_W

ClientSampleId :

T1-S-E-(2.5)

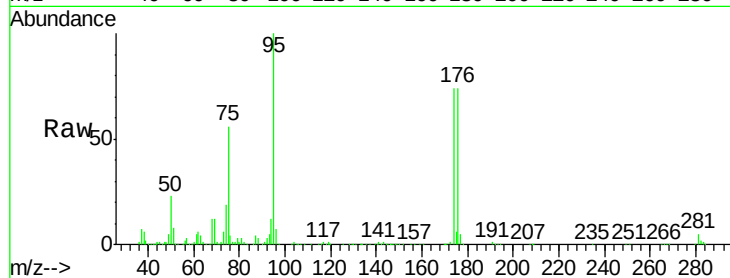
Tot Ion: 95 Resp: 118644

Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.8

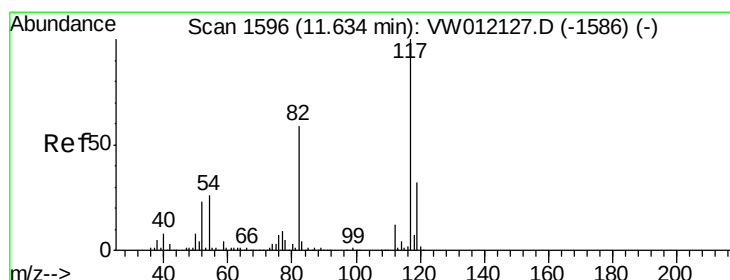
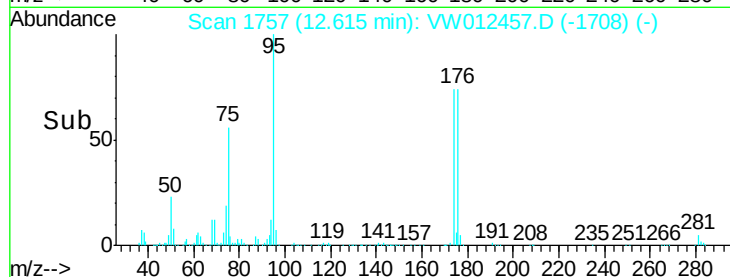
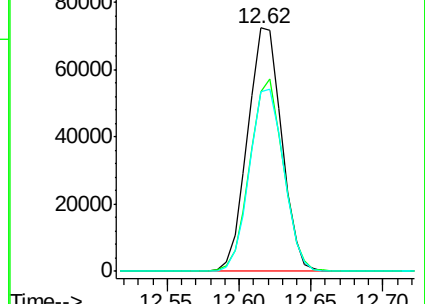
176 75.4 0.0 148.6



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# 1595

Delta R.T. -0.01 min

Lab File: VW012457.D

Acq: 01 Sep 2019 19:05

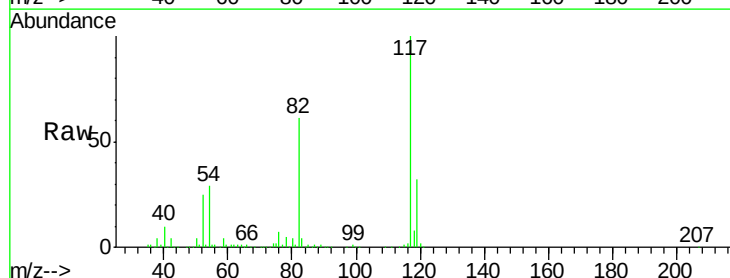
Tgt Ion: 117 Resp: 265590

Ion Ratio Lower Upper

117 100

82 61.5 47.4 71.2

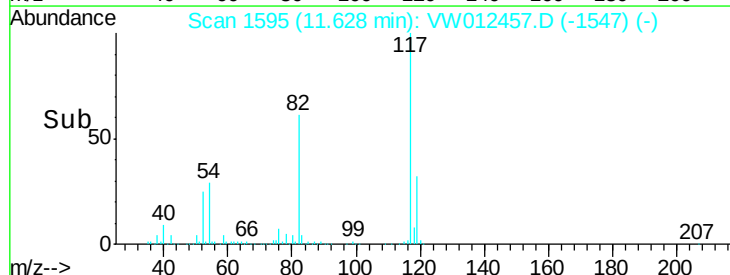
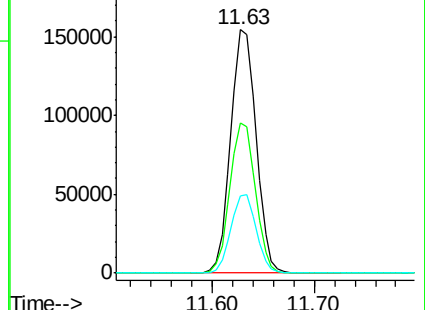
119 31.8 25.4 38.2

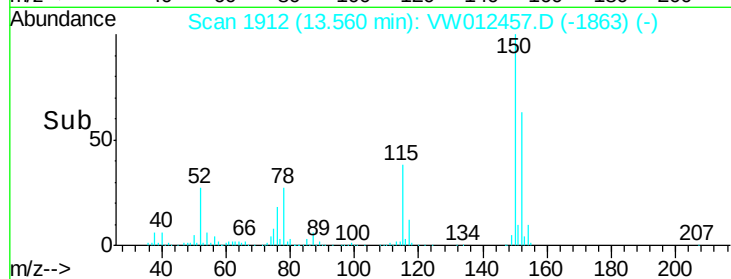
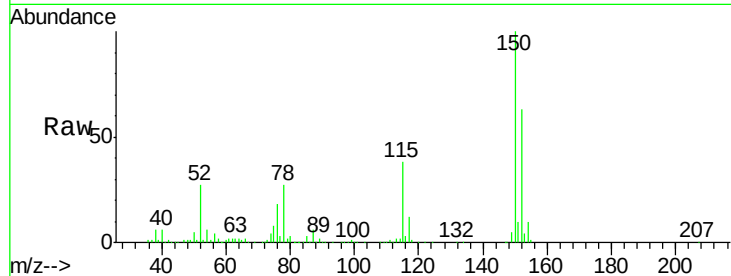
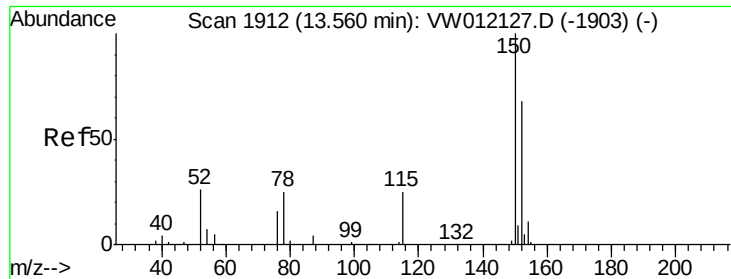


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012457.D

Acq: 01 Sep 2019 19:05

Instrument :

MSVOA_W

ClientSampleId :

T1-S-E-(2.5)

Tot Ion:152 Resp: 97168

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.3

150 154.2 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

