

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012452.D
 Acq On : 01 Sep 2019 16:57
 Operator : SY/VA
 Sample : K4516-03
 Misc : 6.07G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-B3-(0)

Quant Time: Sep 02 07:57:01 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

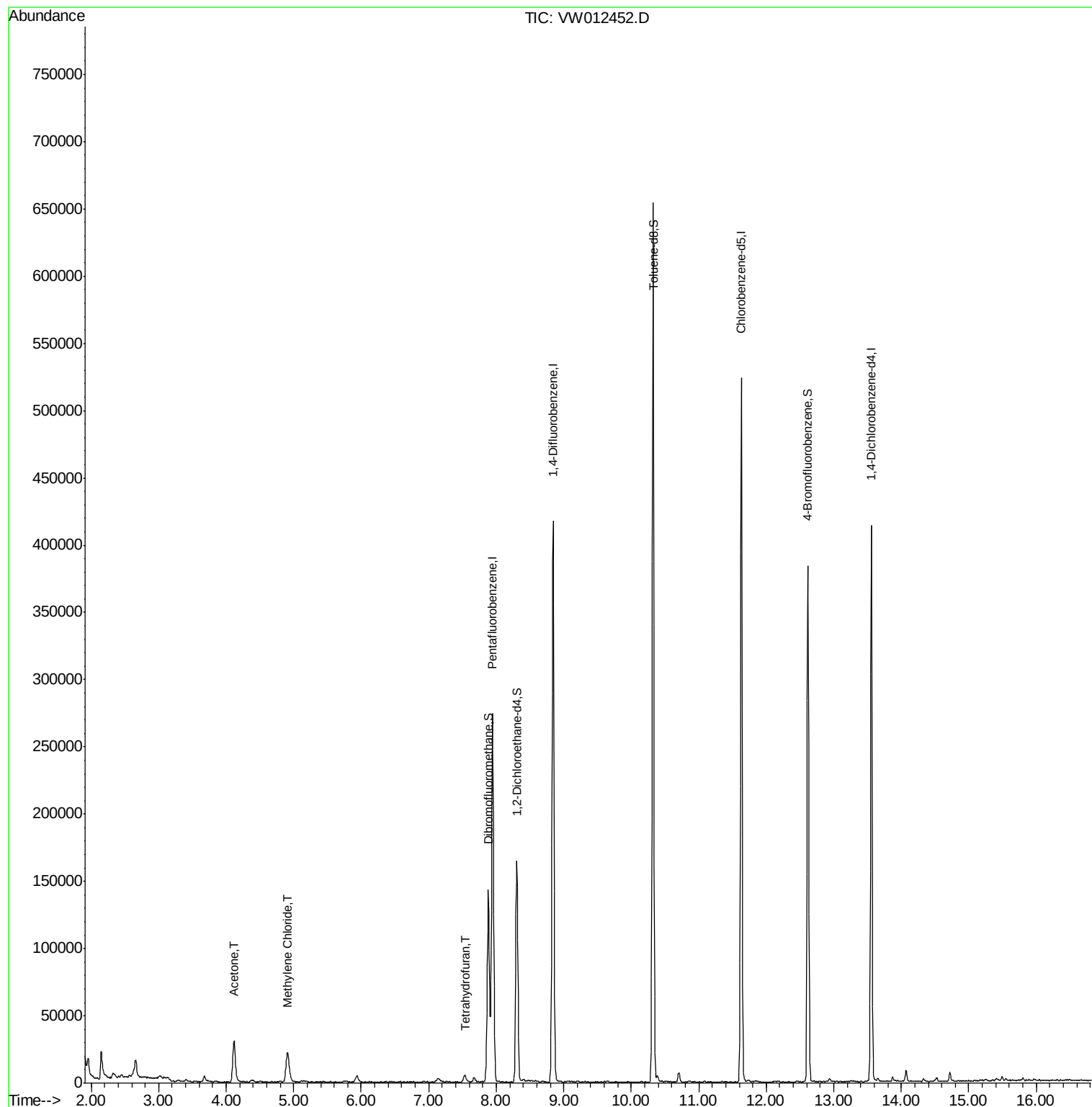
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	194408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	320270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	103256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	131607	56.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.90%	
35) Dibromofluoromethane	7.88	113	100809	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
50) Toluene-d8	10.32	98	398564	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.62	95	119591	43.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.54%	
Target Compounds						
16) Acetone	4.12	43	55984	94.768	ug/l	95
20) Methylene Chloride	4.91	84	15297	6.850	ug/l	95
29) Tetrahydrofuran	7.54	42	4604	9.559	ug/l	99

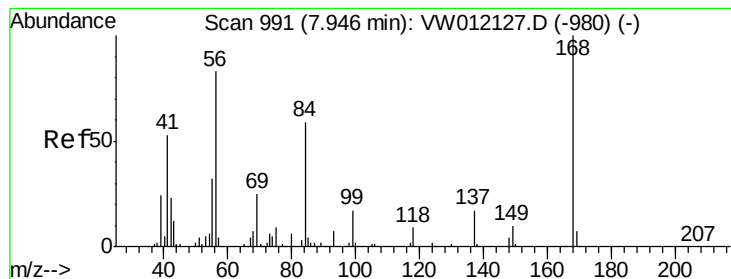
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VW012452.D

Acq: 01 Sep 2019 16:57

Instrument :

MSVOA_W

ClientSampleId :

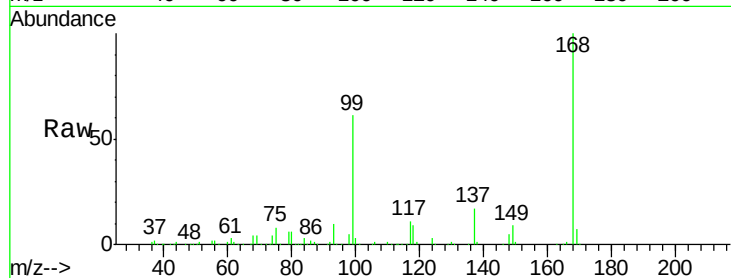
T1-S-B3-(0)

Tot Ion:168 Resp: 194408

Ion Ratio Lower Upper

168 100

99 61.4 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

80000

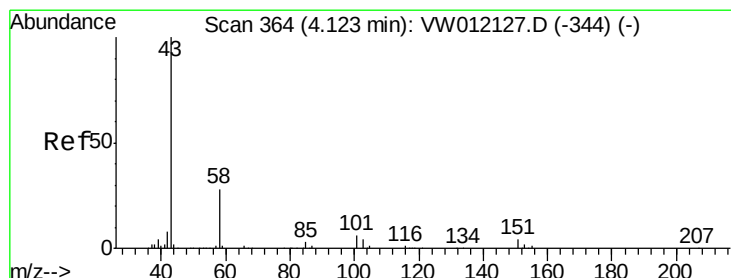
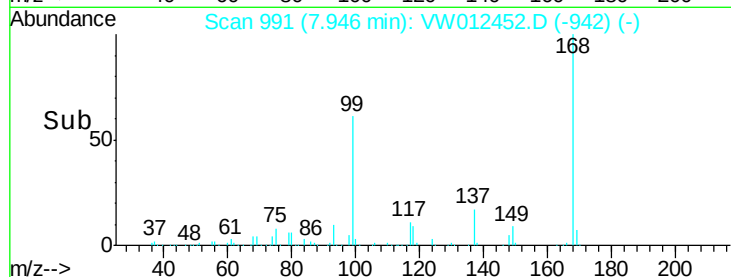
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 94.768 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012452.D

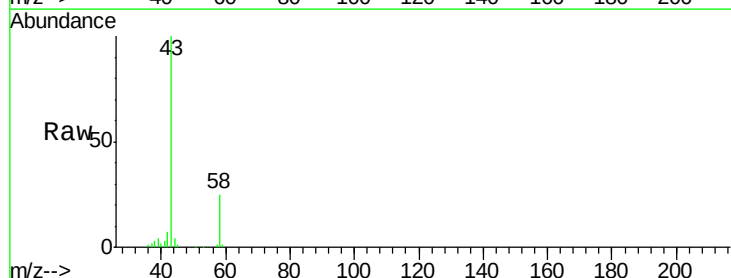
Acq: 01 Sep 2019 16:57

Tgt Ion: 43 Resp: 55984

Ion Ratio Lower Upper

43 100

58 25.3 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

20000

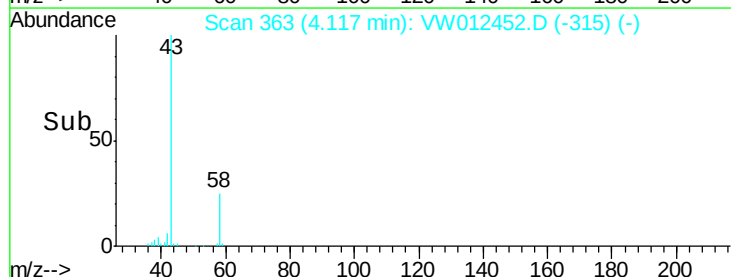
15000

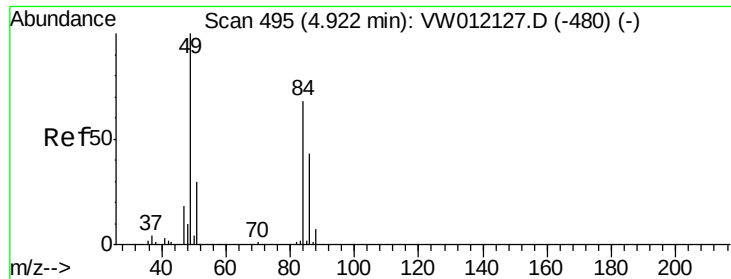
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

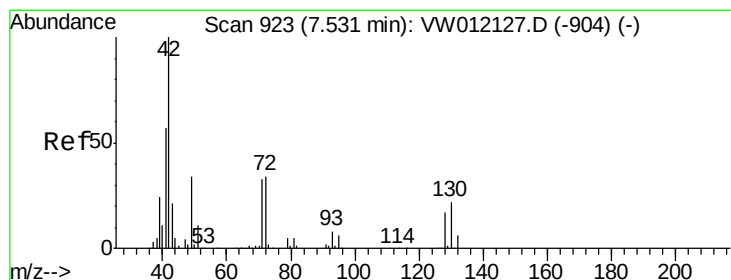
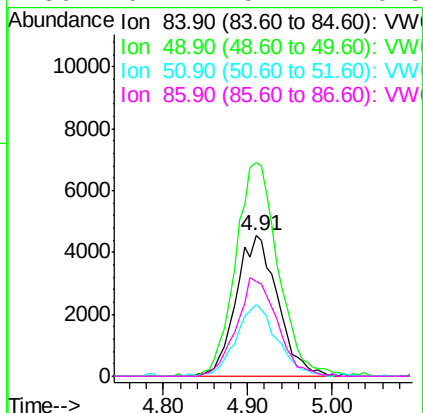
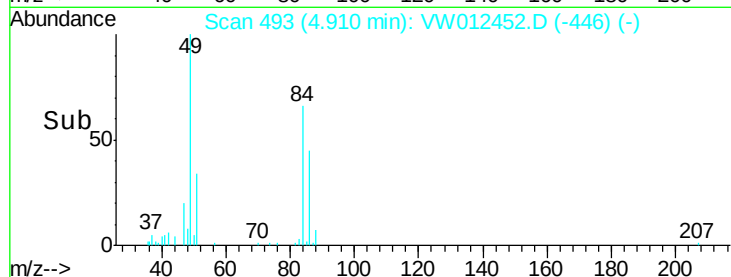
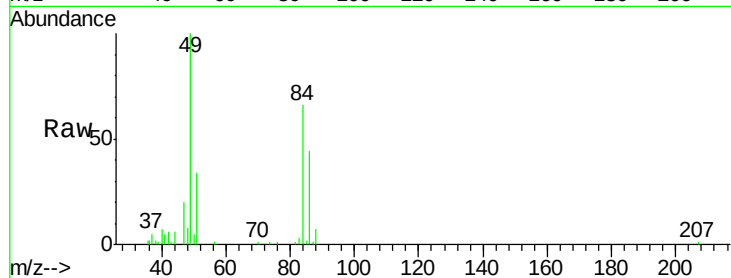




#20
Methylene Chloride
Concen: 6.850 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012452.D
Acq: 01 Sep 2019 16:57

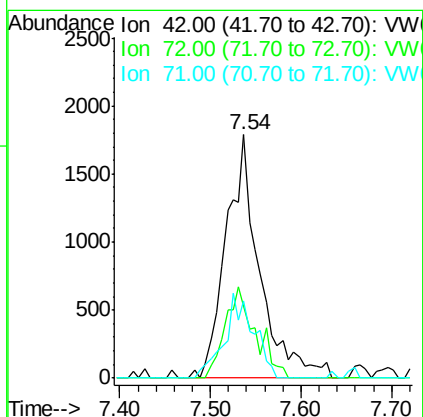
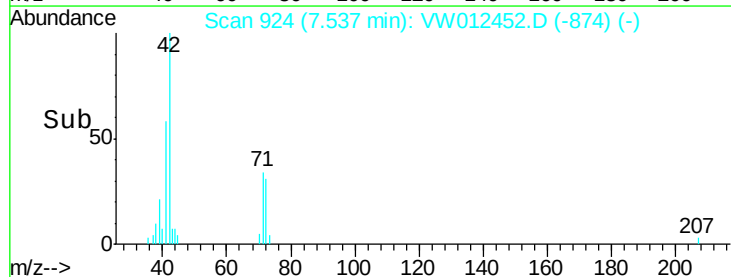
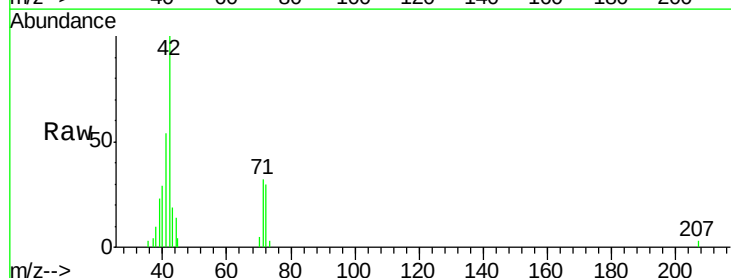
Instrument :
MSVOA_W
ClientSampled :
T1-S-B3-(0)

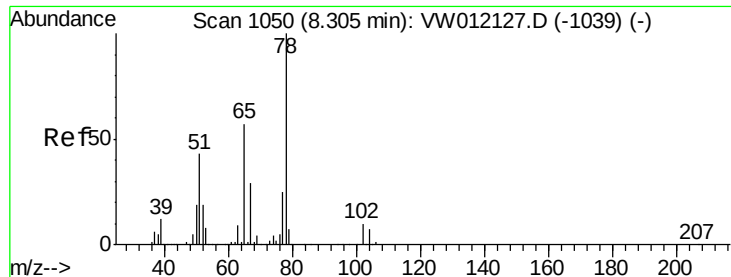
Tot Ion: 84 Resp: 15297
Ion Ratio Lower Upper
84 100
49 152.3 117.8 176.8
51 49.8 35.6 53.4
86 67.7 51.2 76.8



#29
Tetrahydrofuran
Concen: 9.559 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012452.D
Acq: 01 Sep 2019 16:57

Tgt Ion: 42 Resp: 4604
Ion Ratio Lower Upper
42 100
72 34.1 27.3 40.9
71 30.6 25.5 38.3

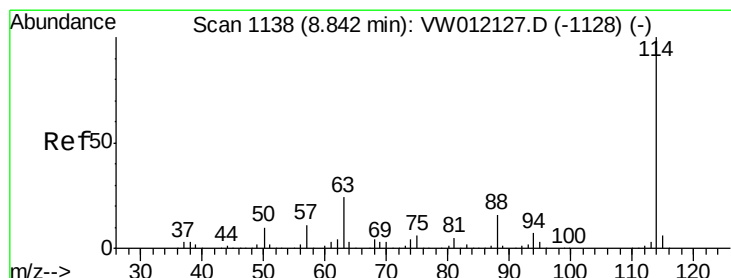
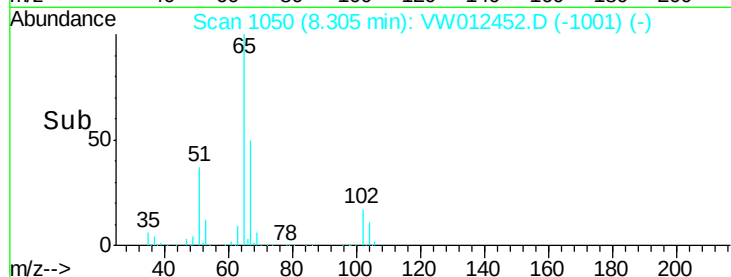
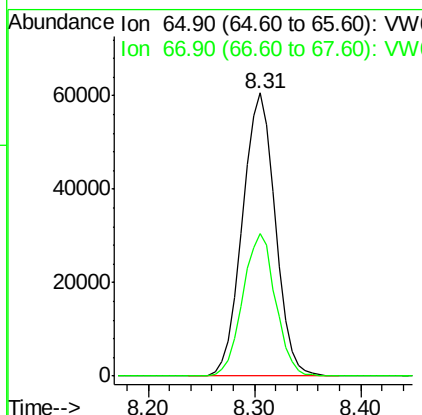
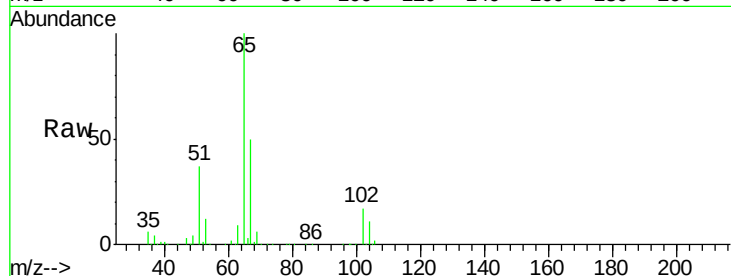




#33
 1,2-Dichloroethane-d4
 Concen: 56.947 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012452.D
 Acq: 01 Sep 2019 16:57

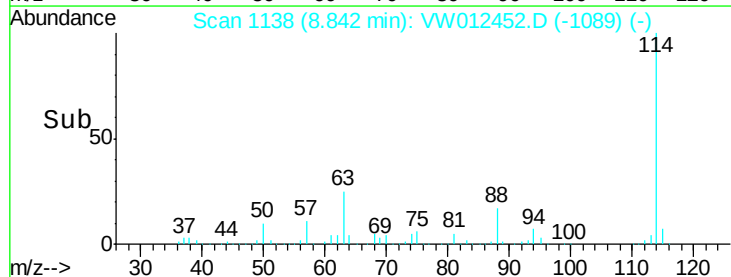
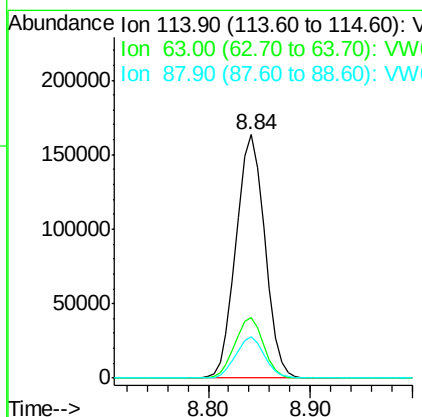
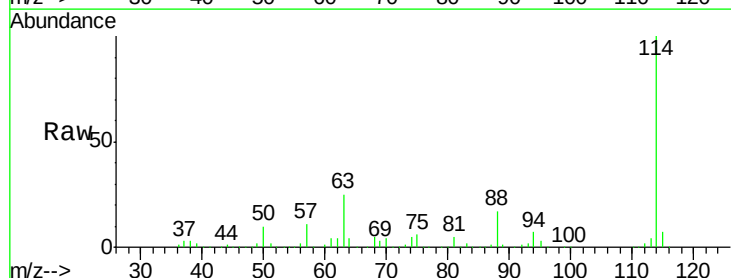
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-B3-(0)

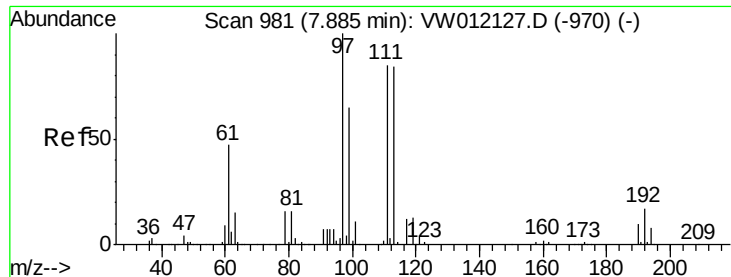
Tot Ion: 65 Resp: 131607
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012452.D
 Acq: 01 Sep 2019 16:57

Tgt Ion: 114 Resp: 320270
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 48.6
 88 17.3 0.0 32.2

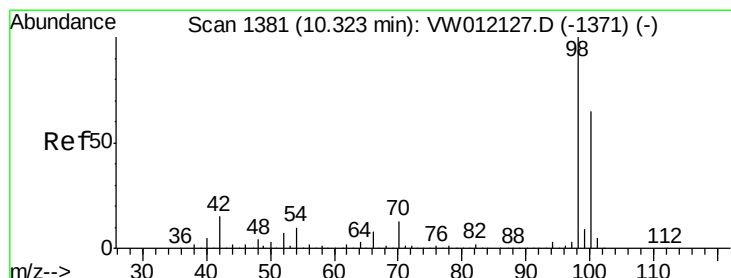
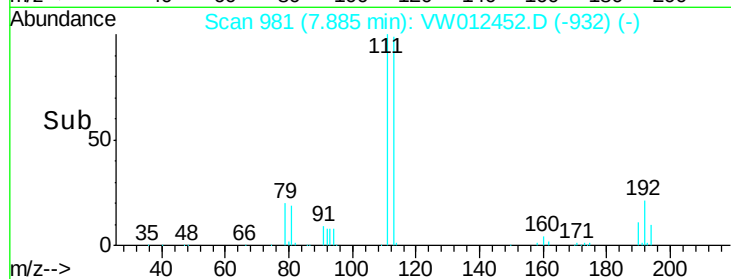
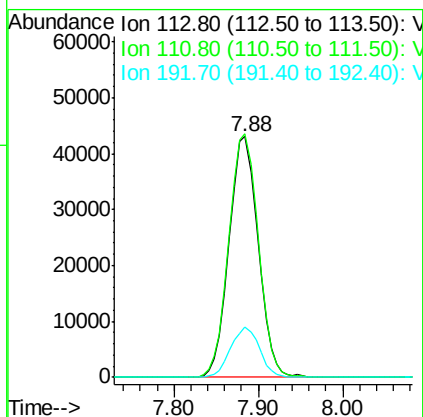
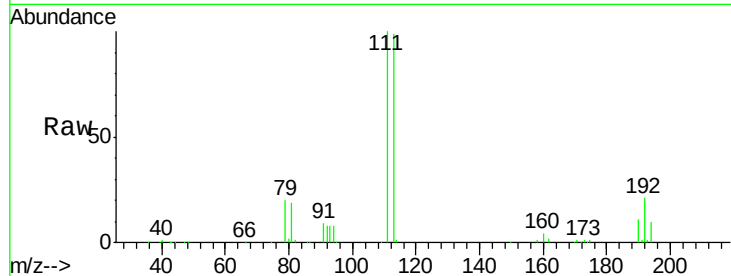




#35
 Dibromofluoromethane
 Concen: 52.733 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012452.D
 Acq: 01 Sep 2019 16:57

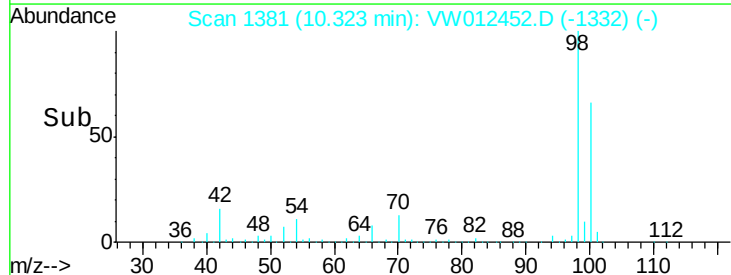
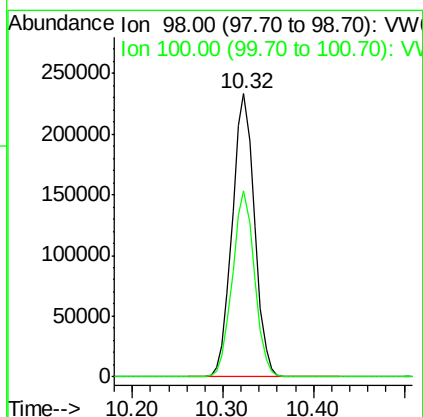
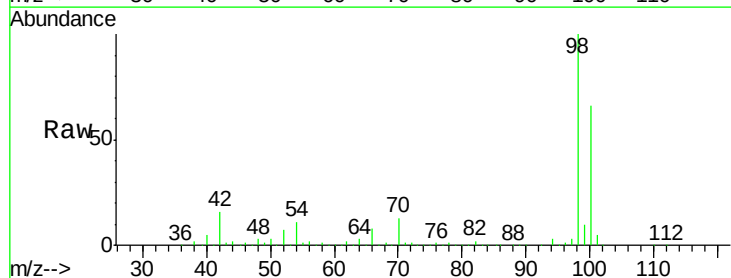
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-B3-(0)

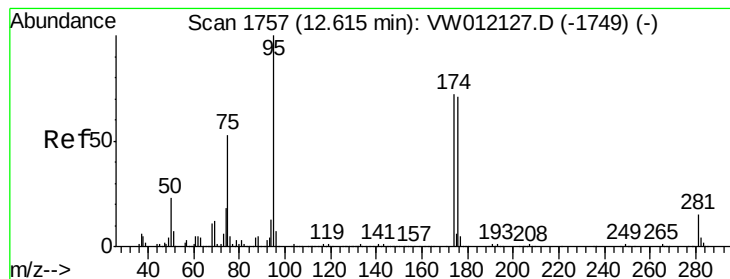
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	20.8	16.2	24.2



#50
 Toluene-d8
 Concen: 51.418 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012452.D
 Acq: 01 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 43.768 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012452.D

Acq: 01 Sep 2019 16:57

Instrument :

MSVOA_W

ClientSampleId :

T1-S-B3-(0)

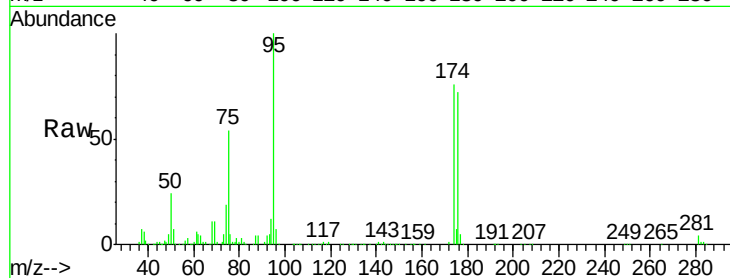
Tot Ion: 95 Resp: 119591

Ion Ratio Lower Upper

95 100

174 78.1 0.0 150.8

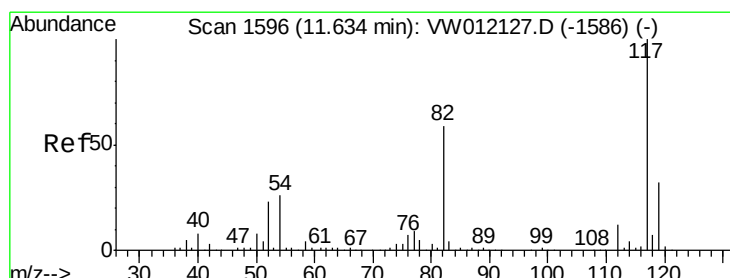
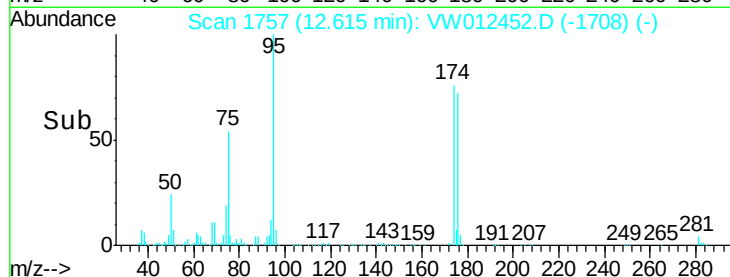
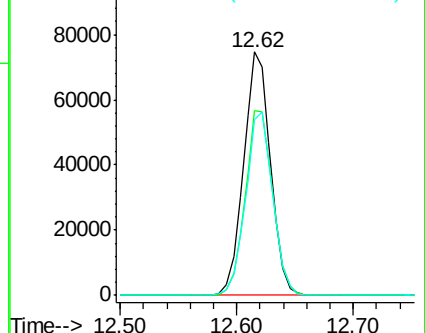
176 76.2 0.0 148.6



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: VW012452.D

Acq: 01 Sep 2019 16:57

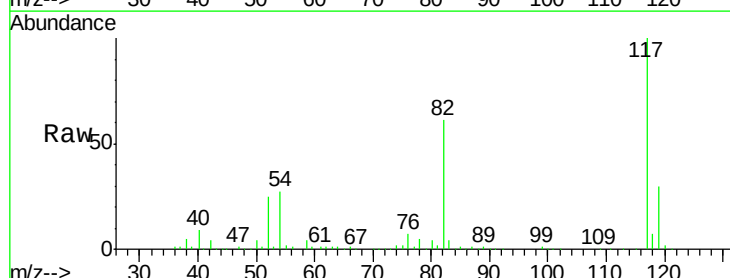
Tgt Ion: 117 Resp: 267744

Ion Ratio Lower Upper

117 100

82 61.4 47.4 71.2

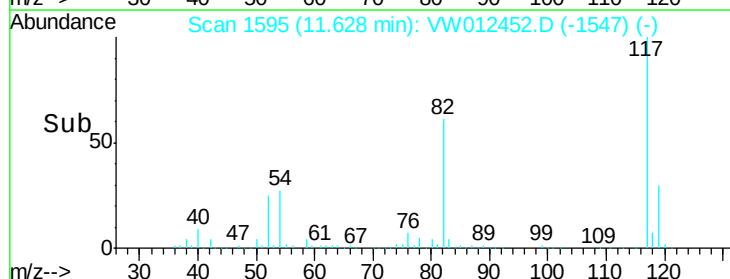
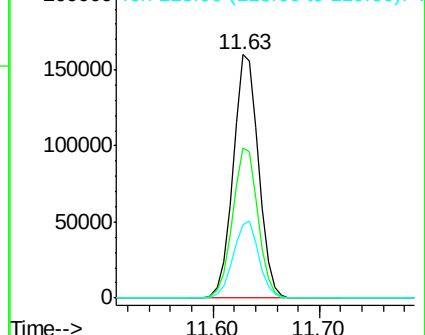
119 30.3 25.4 38.2

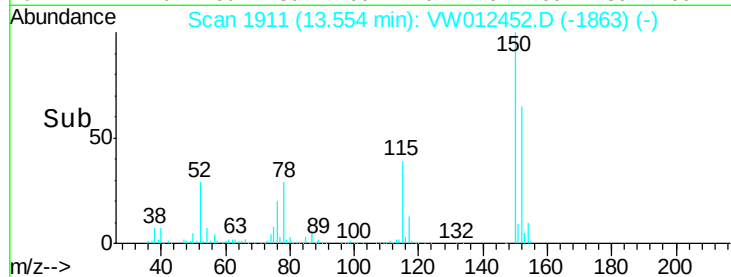
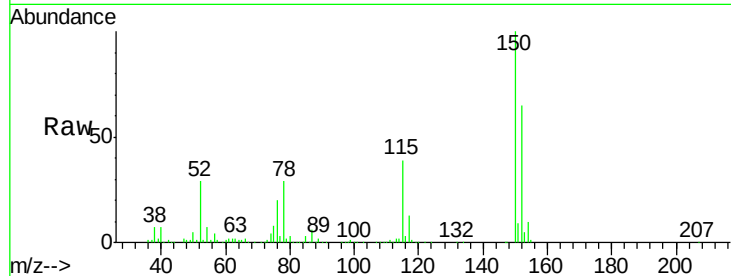
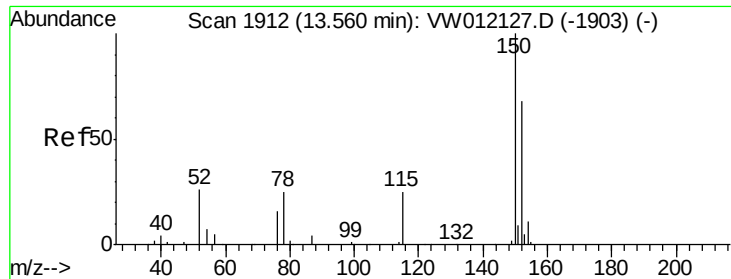


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012452.D

Acq: 01 Sep 2019 16:57

Instrument :

MSVOA_W

ClientSampleId :

T1-S-B3-(0)

Tot Ion:152 Resp: 103256

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

150 154.7 0.0 345.8

