

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012144.D
 Acq On : 23 Aug 2019 20:16
 Operator : SY/VA
 Sample : K4474-06
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F3-(2.5)

Quant Time: Aug 26 08:03:43 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

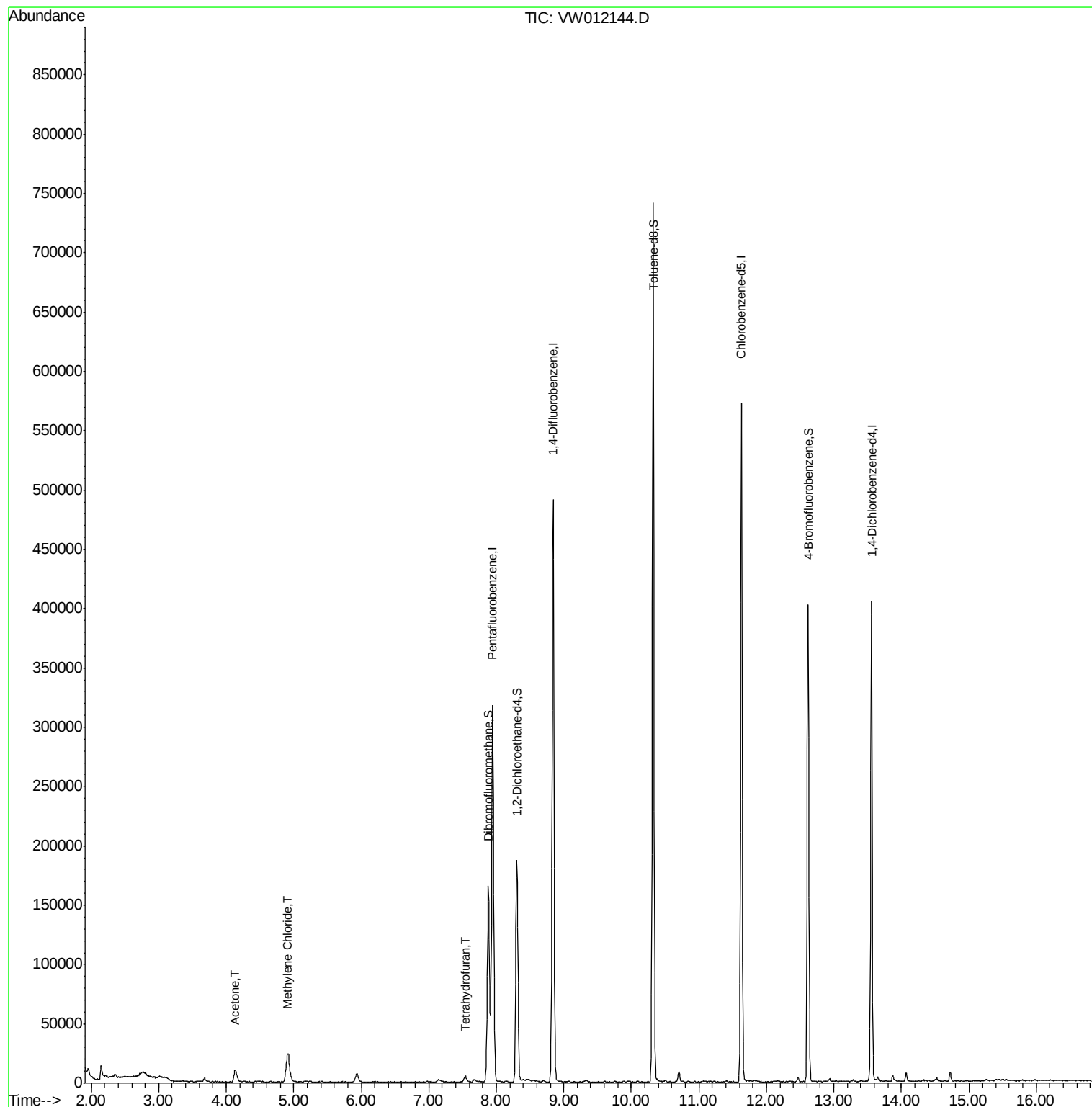
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	100294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148109	54.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.98%	
35) Dibromofluoromethane	7.88	113	118507	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
50) Toluene-d8	10.32	98	459814	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.62	95	130655	40.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.52%	
Target Compounds						
16) Acetone	4.13	43	20660	29.735	ug/l	96
20) Methylene Chloride	4.91	84	18227	6.939	ug/l	94
29) Tetrahydrofuran	7.54	42	4397	7.762	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012144.D

Acq: 23 Aug 2019 20:16

Instrument :

MSVOA_W

ClientSampleId :

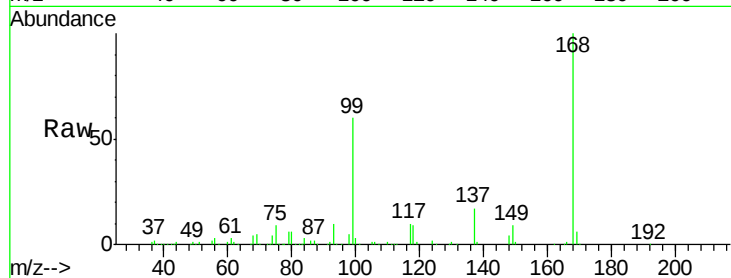
T1-2-F3-(2.5)

Tot Ion:168 Resp: 228651

Ion Ratio Lower Upper

168 100

99 60.2 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

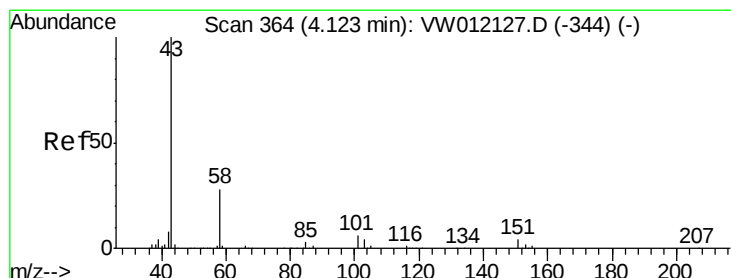
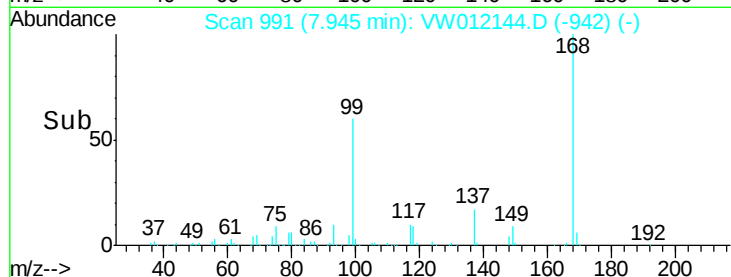
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 29.735 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012144.D

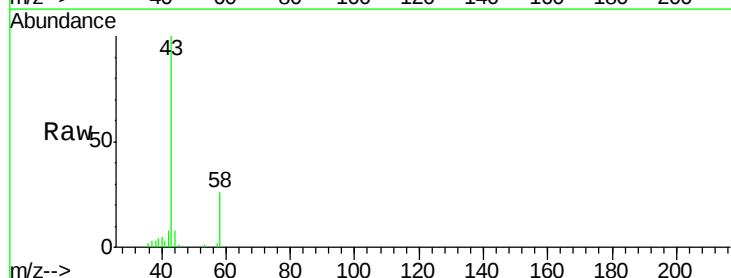
Acq: 23 Aug 2019 20:16

Tgt Ion: 43 Resp: 20660

Ion Ratio Lower Upper

43 100

58 25.8 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

8000

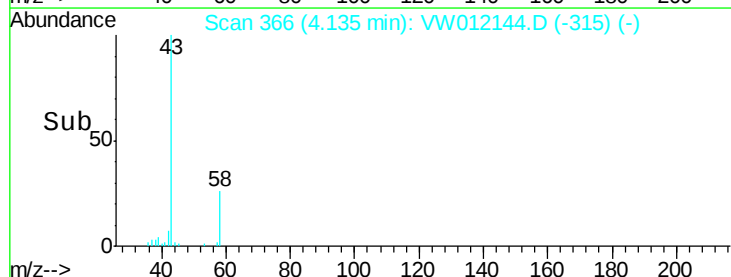
6000

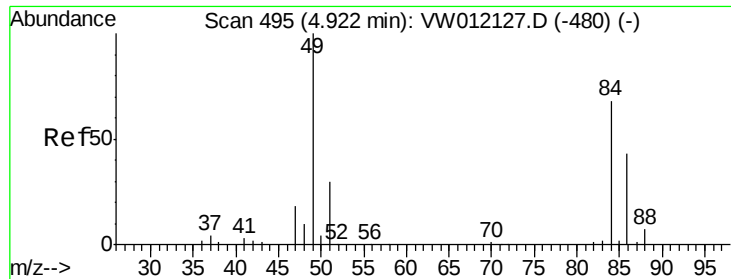
4000

2000

0

Time--> 4.00 4.10 4.20 4.30

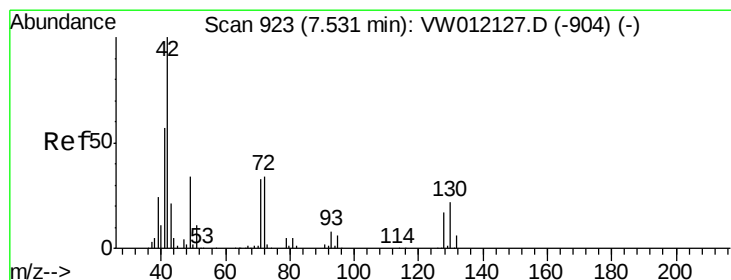
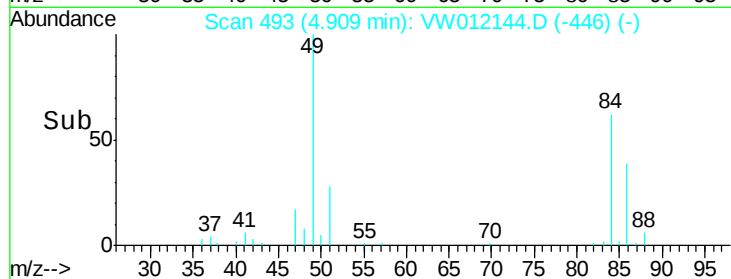
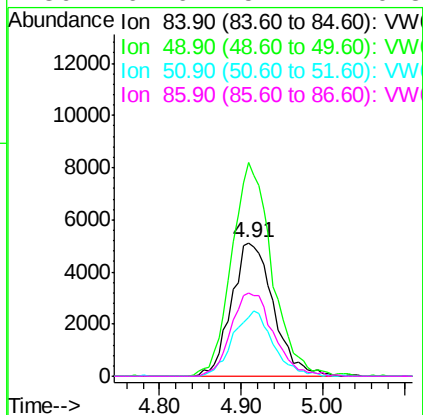
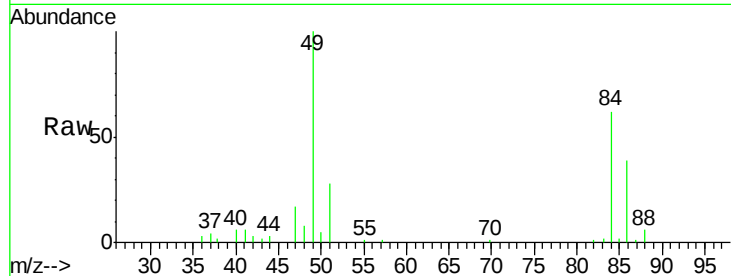




#20
Methvlene Chloride
Concen: 6.939 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012144.D
Acq: 23 Aug 2019 20:16

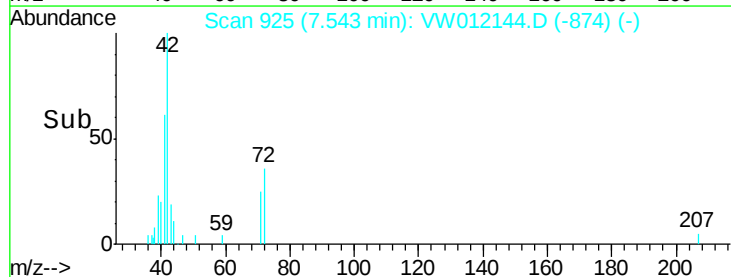
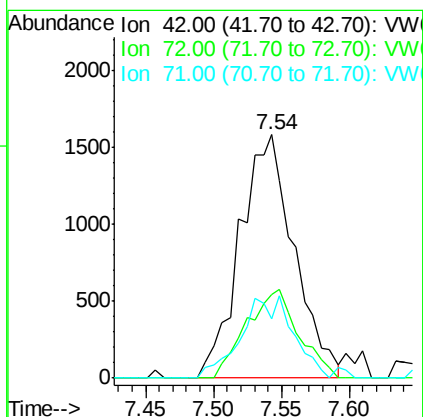
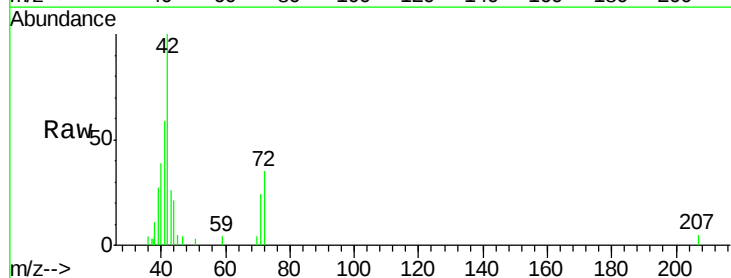
Instrument :
MSVOA_W
ClientSampleId :
T1-2-F3-(2.5)

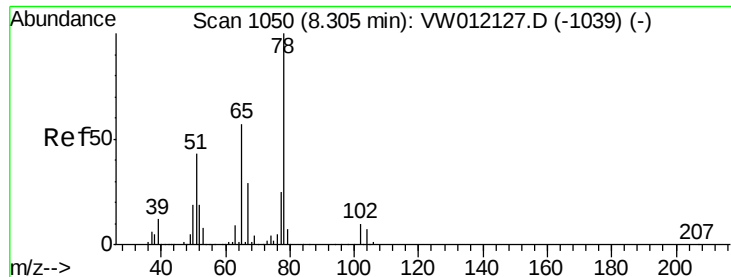
Tot Ion:	84	Resp:	18227
Ion	Ratio	Lower	Upper
84	100		
49	160.4	117.8	176.8
51	44.4	35.6	53.4
86	62.6	51.2	76.8



#29
Tetrahydrofuran
Concen: 7.762 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012144.D
Acq: 23 Aug 2019 20:16

Tgt Ion:	42	Resp:	4397
Ion	Ratio	Lower	Upper
42	100		
72	35.2	27.3	40.9
71	32.3	25.5	38.3

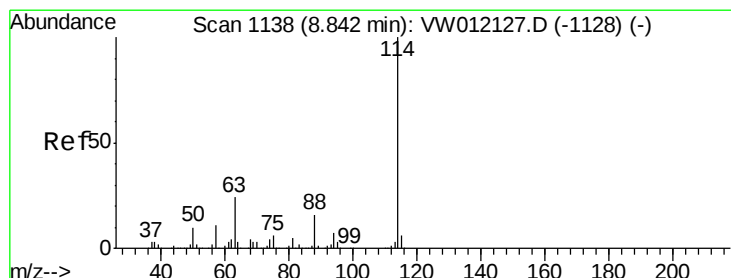
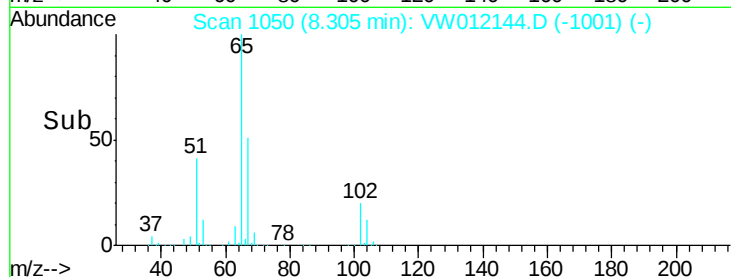
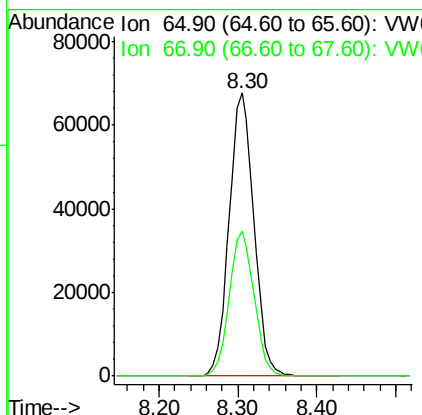
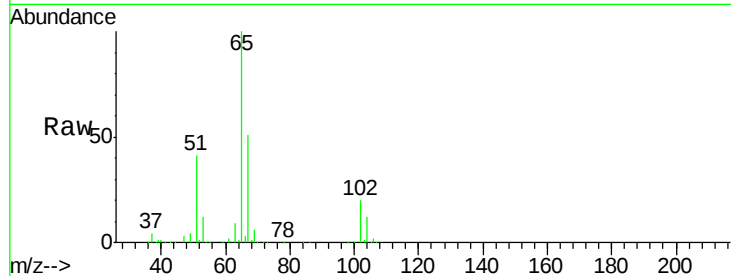




#33
 1,2-Dichloroethane-d4
 Concen: 54.490 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012144.D
 Acq: 23 Aug 2019 20:16

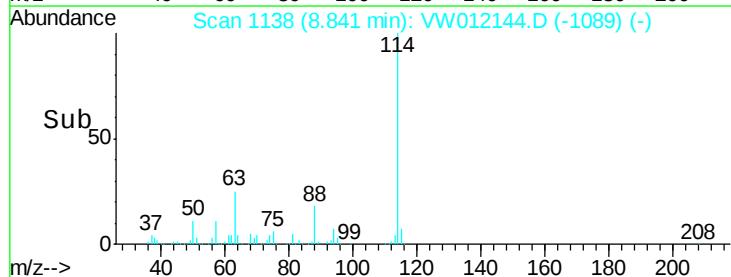
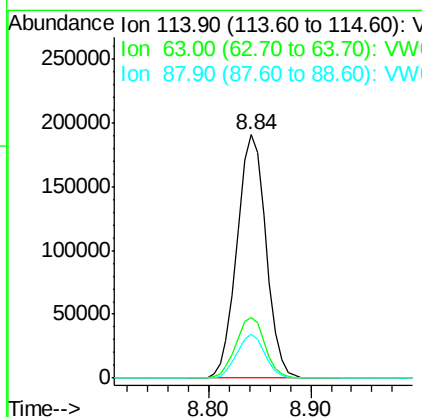
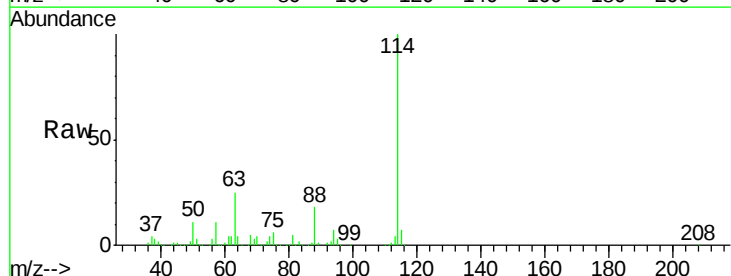
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F3-(2.5)

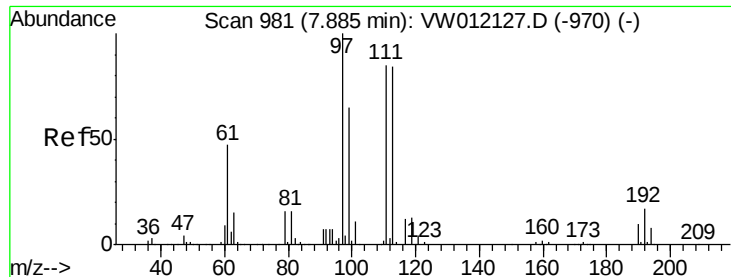
Tot Ion: 65 Resp: 148109
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012144.D
 Acq: 23 Aug 2019 20:16

Tgt Ion: 114 Resp: 375751
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 48.6
 88 18.0 0.0 32.2

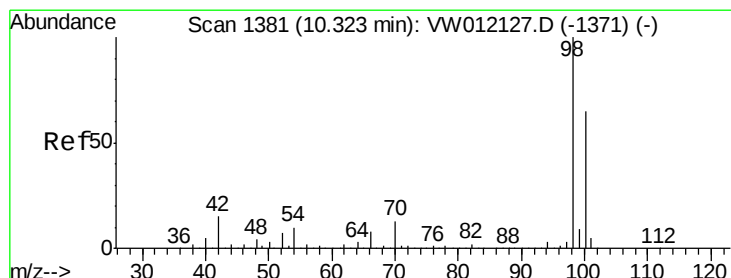
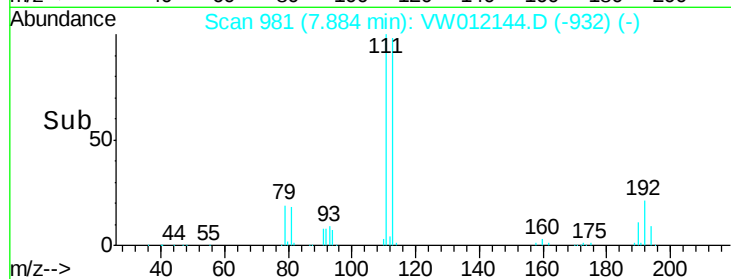
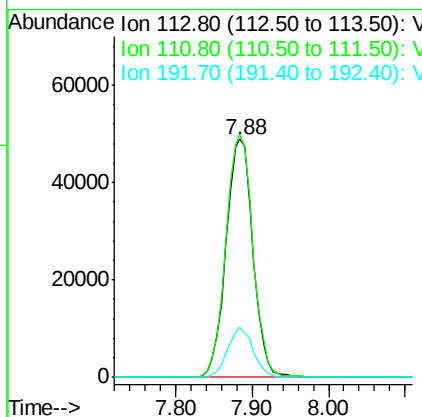
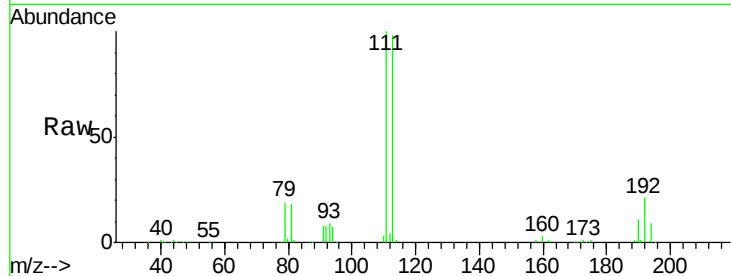




#35
 Dibromofluoromethane
 Concen: 52.837 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012144.D
 Acq: 23 Aug 2019 20:16

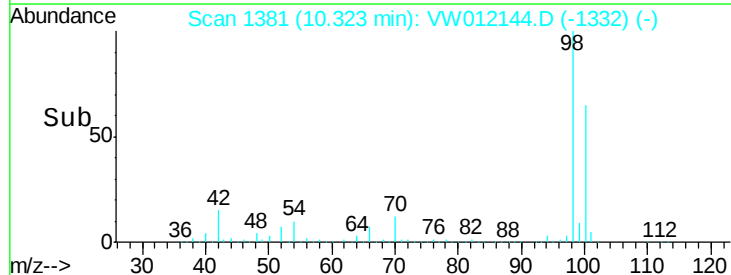
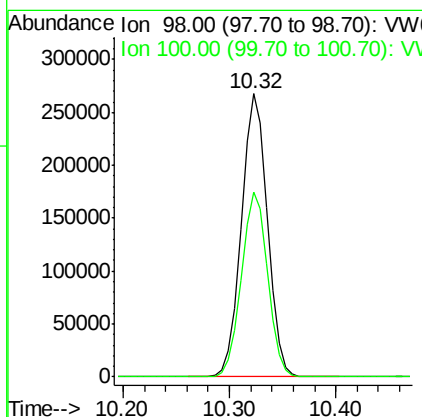
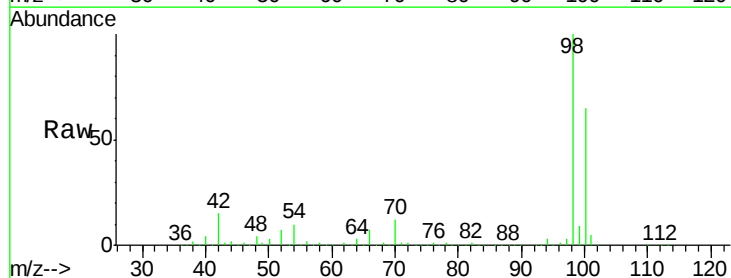
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F3-(2.5)

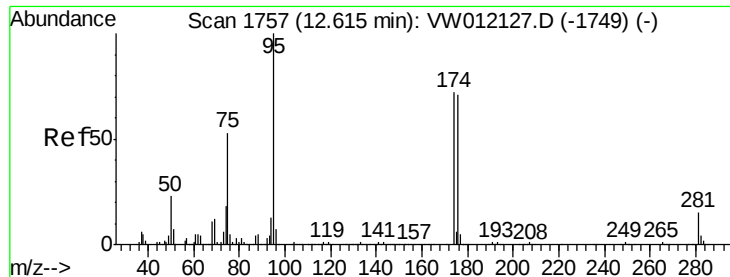
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.7	124.1
192	20.0	16.2	24.2



#50
 Toluene-d8
 Concen: 50.561 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012144.D
 Acq: 23 Aug 2019 20:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 40.757 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012144.D

Acq: 23 Aug 2019 20:16

Instrument :

MSVOA_W

ClientSampleId :

T1-2-F3-(2.5)

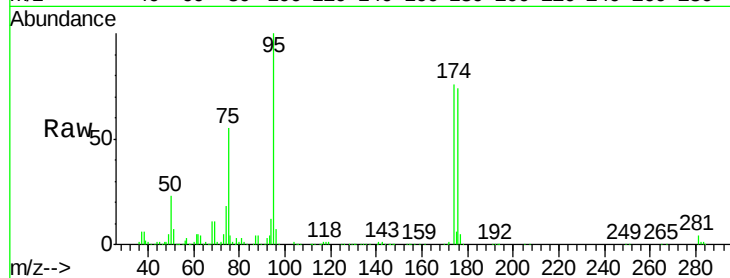
Tot Ion: 95 Resp: 130655

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.8

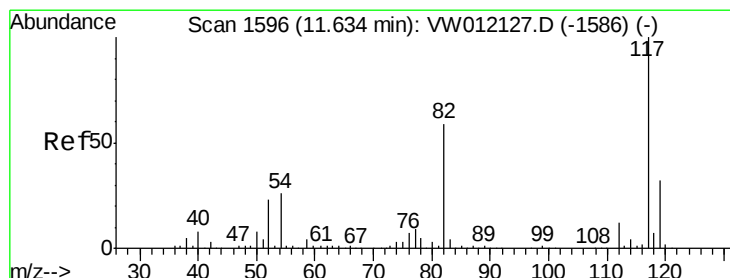
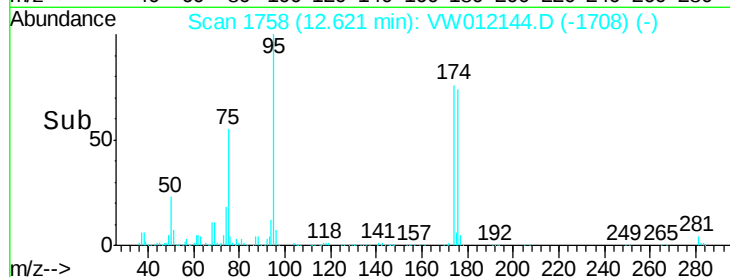
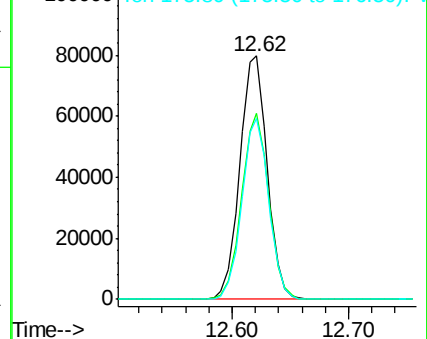
176 72.7 0.0 148.6



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: VW012144.D

Acq: 23 Aug 2019 20:16

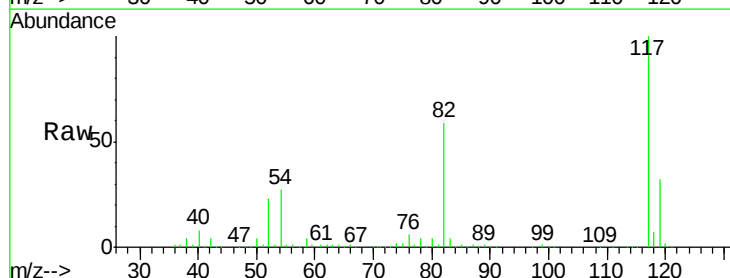
Tgt Ion: 117 Resp: 298197

Ion Ratio Lower Upper

117 100

82 59.4 47.4 71.2

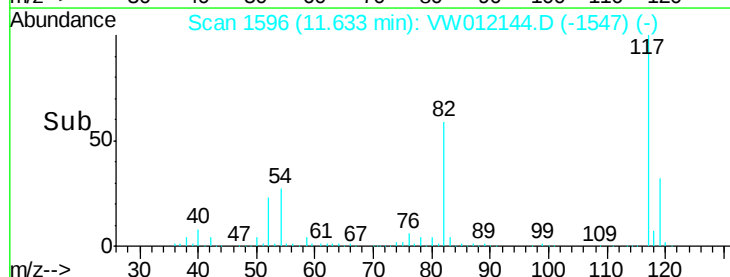
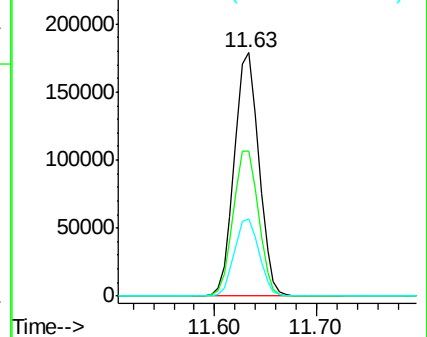
119 31.8 25.4 38.2

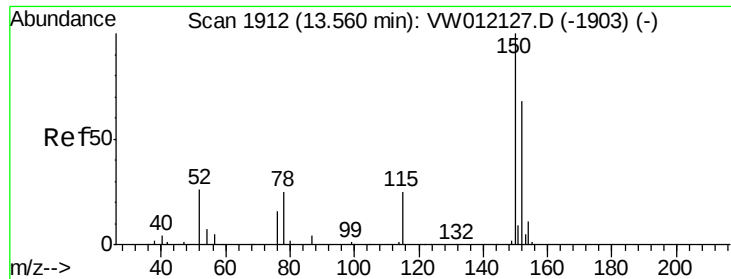


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012144.D

Acq: 23 Aug 2019 20:16

Instrument :

MSVOA_W

ClientSampleId :

T1-2-F3-(2.5)

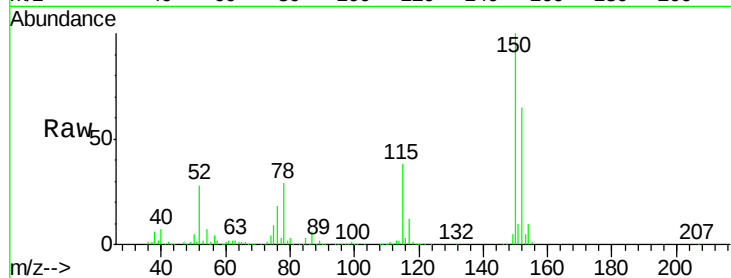
Tot Ion:152 Resp: 100294

Ion Ratio Lower Upper

152 100

115 60.3 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

