

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012402.D
 Acq On : 31 Aug 2019 16:01
 Operator : SY/VA
 Sample : K4472-15
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T6-S1-(0)

Quant Time: Aug 31 17:47:36 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

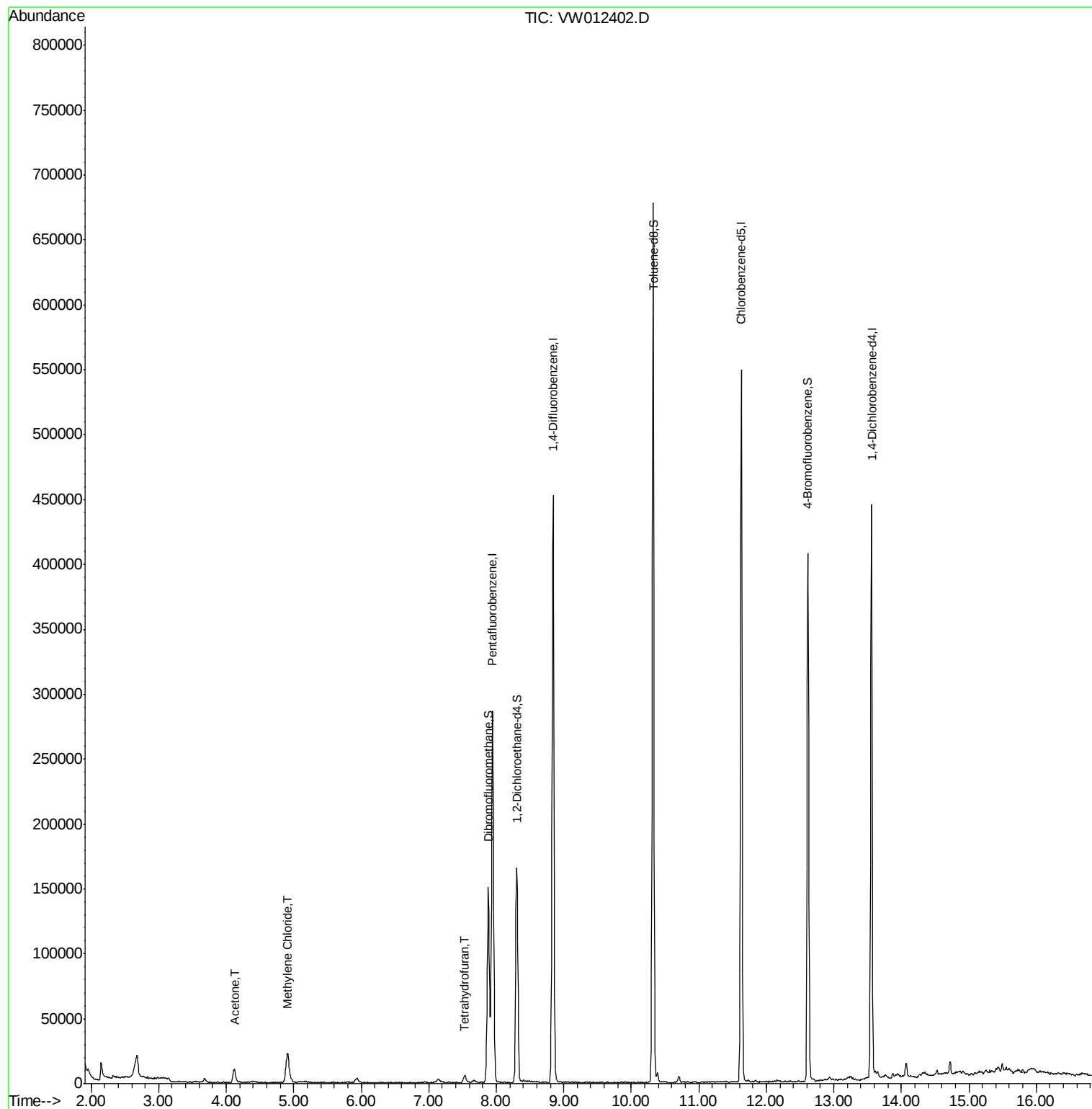
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	343260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	136250	55.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.92%	
35) Dibromofluoromethane	7.88	113	107131	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
50) Toluene-d8	10.32	98	419325	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.62	95	130181	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
Target Compounds						
16) Acetone	4.12	43	19050	30.607	ug/l	97
20) Methylene Chloride	4.90	84	16953	7.205	ug/l	96
29) Tetrahydrofuran	7.53	42	4931	9.718	ug/l	97

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

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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: VW012402.D

Acq: 31 Aug 2019 16:01

Instrument :

MSVOA_W

ClientSampleId :

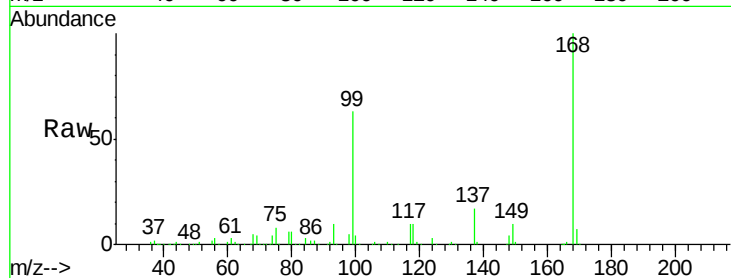
T6-S1-(0)

Tot Ion:168 Resp: 204825

Ion Ratio Lower Upper

168 100

99 62.5 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

100000

80000

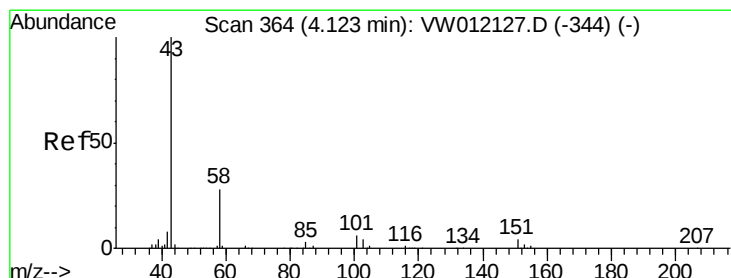
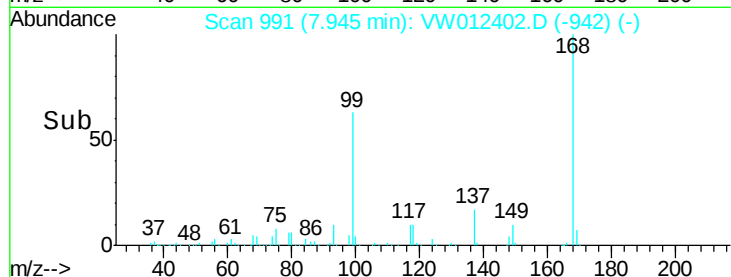
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 30.607 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012402.D

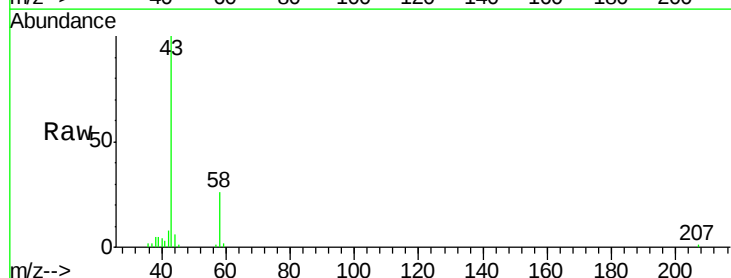
Acq: 31 Aug 2019 16:01

Tgt Ion: 43 Resp: 19050

Ion Ratio Lower Upper

43 100

58 26.3 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

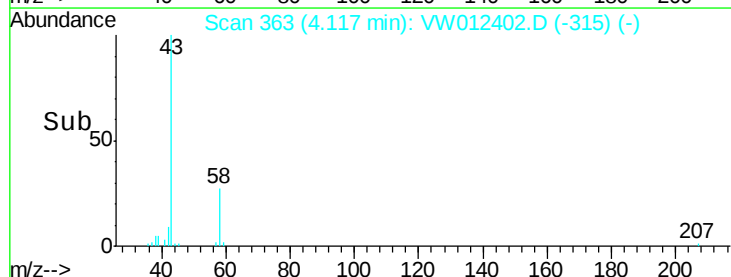
6000

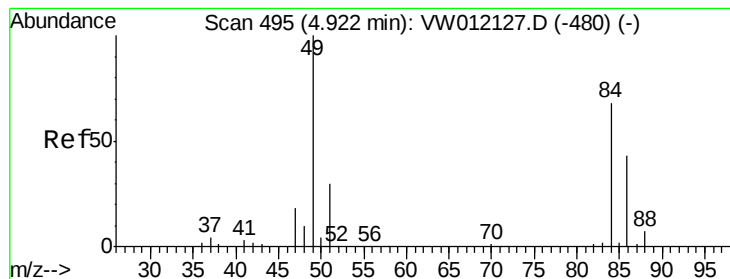
4000

2000

0

Time--> 4.00 4.10 4.20





#20

Methvlene Chloride

Concen: 7.205 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012402.D

Acq: 31 Aug 2019 16:01

Instrument :

MSVOA_W

ClientSampleId :

T6-S1-(0)

Tot Ion: 84 Resp: 16953

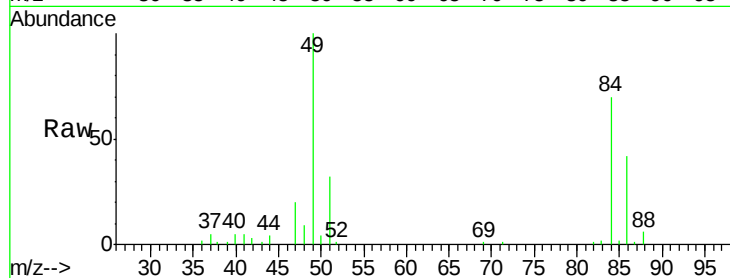
Ion Ratio Lower Upper

84 100

49 143.2 117.8 176.8

51 46.2 35.6 53.4

86 59.9 51.2 76.8

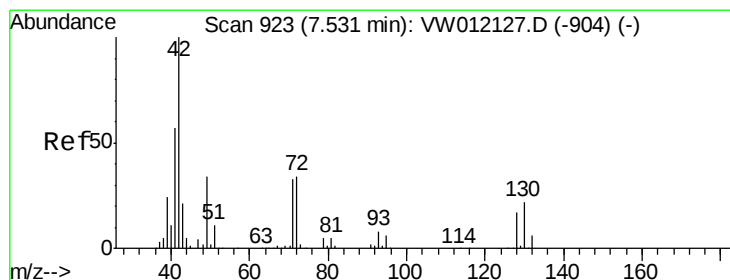
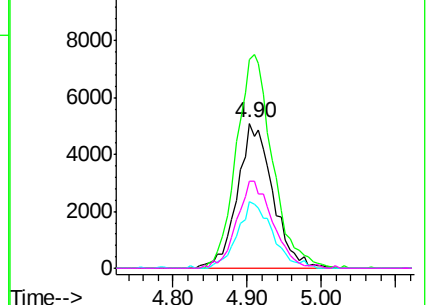
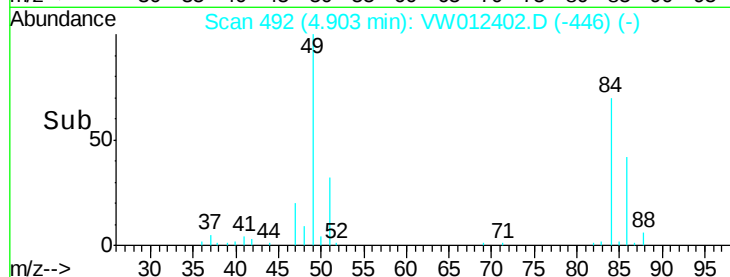


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 9.718 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012402.D

Acq: 31 Aug 2019 16:01

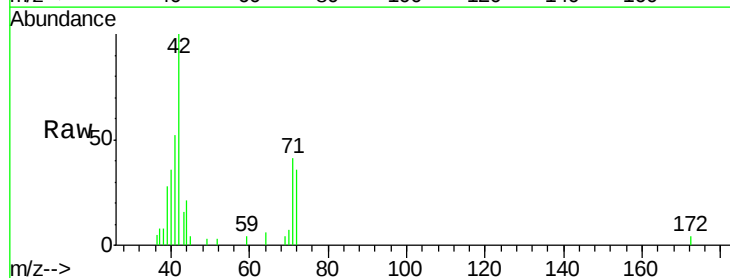
Tgt Ion: 42 Resp: 4931

Ion Ratio Lower Upper

42 100

72 36.5 27.3 40.9

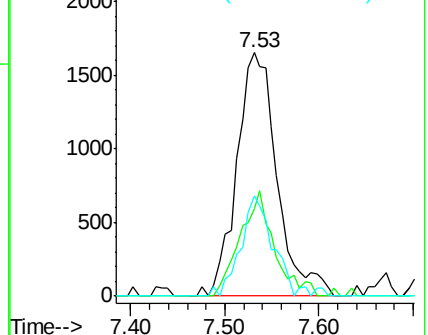
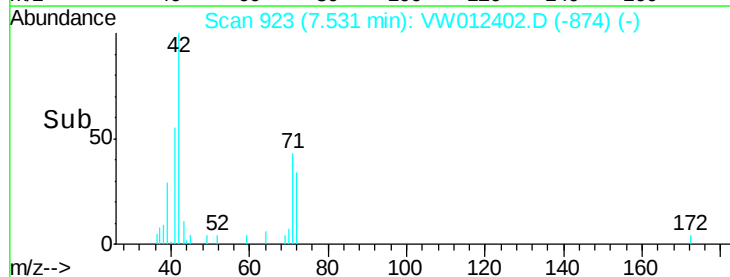
71 32.8 25.5 38.3

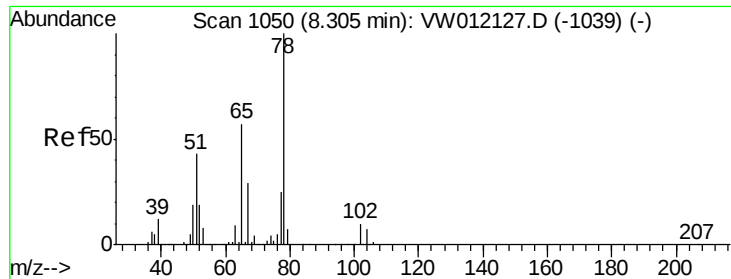


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

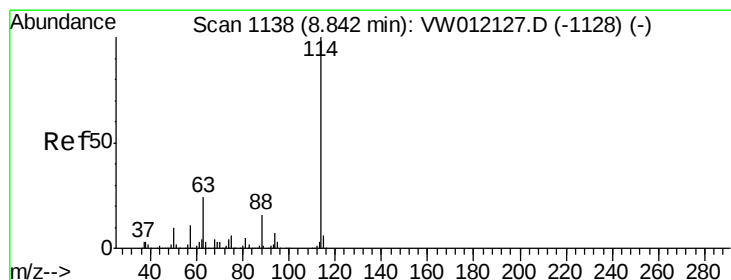
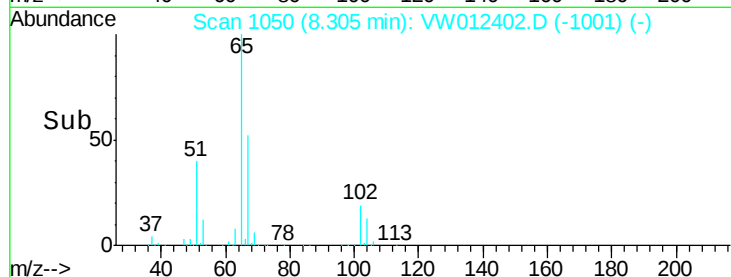
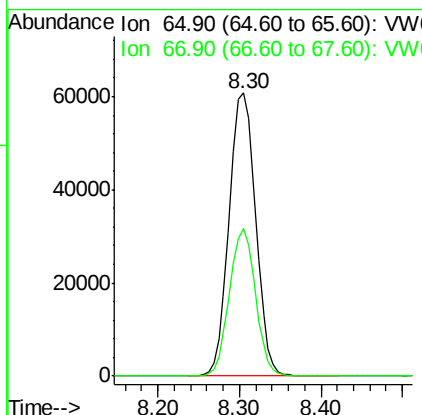
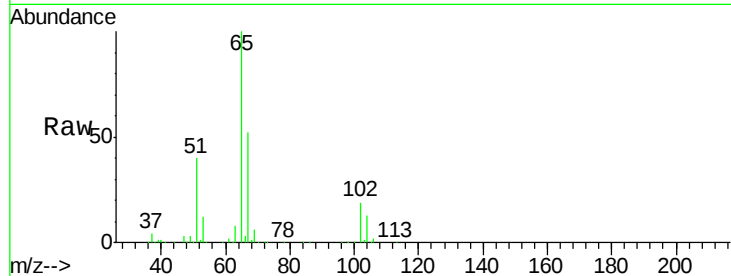




#33
 1,2-Dichloroethane-d4
 Concen: 55.958 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012402.D
 Acq: 31 Aug 2019 16:01

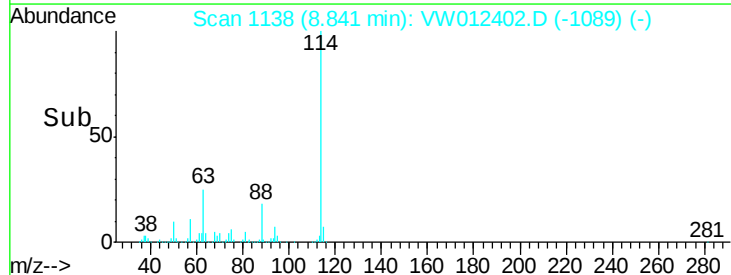
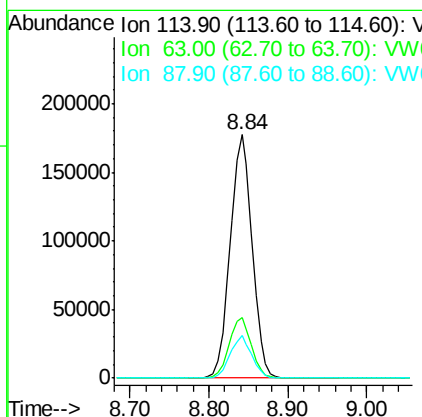
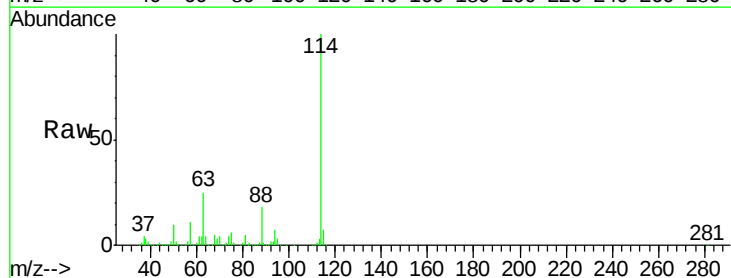
Instrument :
 MSVOA_W
 ClientSampleId :
 T6-S1-(0)

Tot Ion: 65 Resp: 136250
 Ion Ratio Lower Upper
 65 100
 67 51.1 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: VW012402.D
 Acq: 31 Aug 2019 16:01

Tgt Ion: 114 Resp: 343260
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 48.6
 88 17.8 0.0 32.2

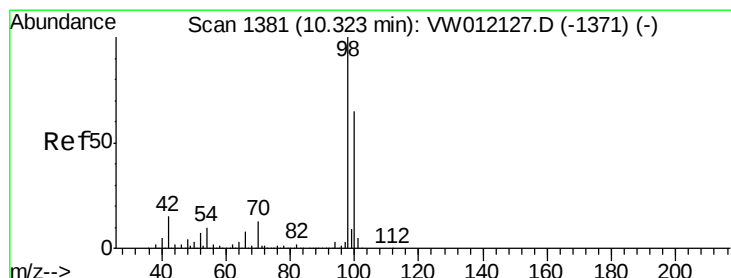
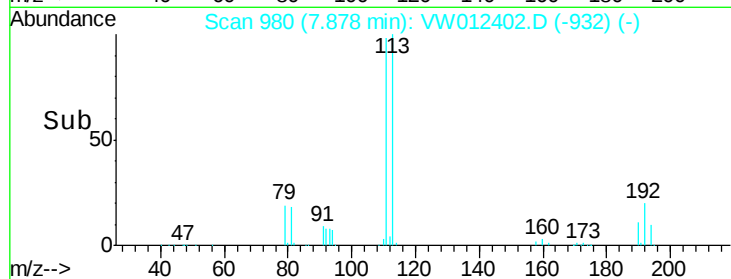
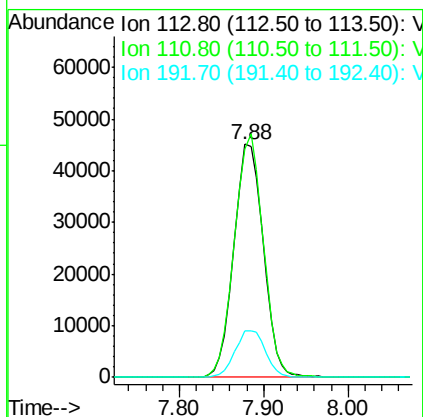
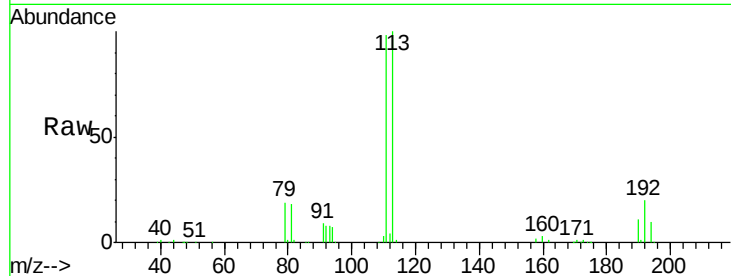




#35
 Dibromofluoromethane
 Concen: 52.286 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012402.D
 Acq: 31 Aug 2019 16:01

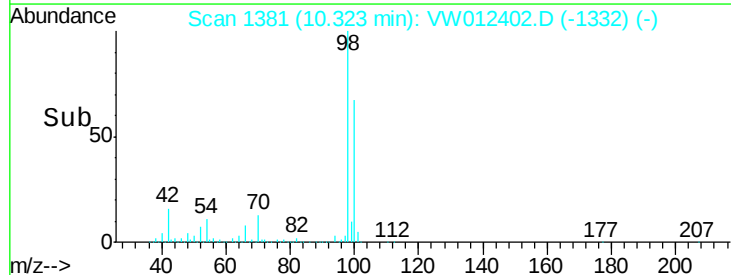
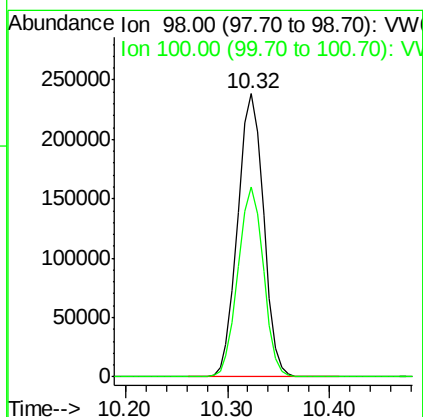
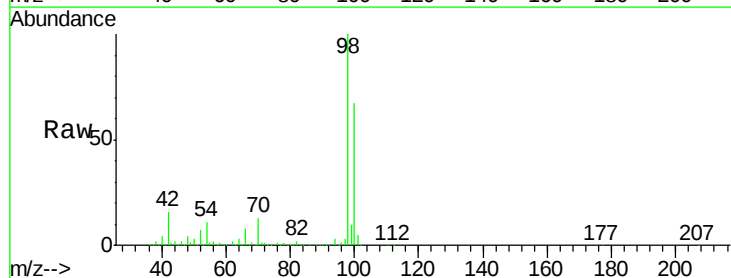
Instrument :
 MSVOA_W
 ClientSampleId :
 T6-S1-(0)

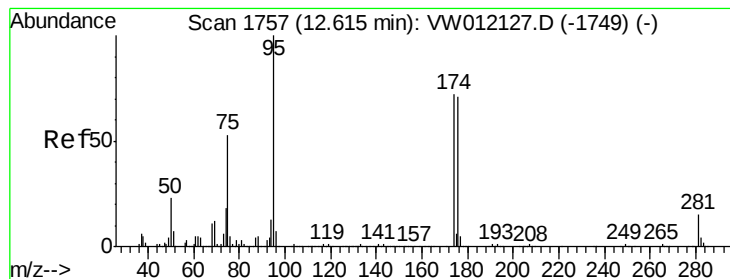
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.7	124.1
192	20.6	16.2	24.2



#50
 Toluene-d8
 Concen: 50.474 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012402.D
 Acq: 31 Aug 2019 16:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 44.453 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012402.D

Acq: 31 Aug 2019 16:01

Instrument :

MSVOA_W

ClientSampleId :

T6-S1-(0)

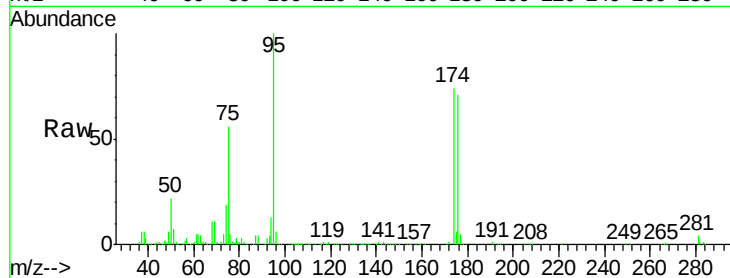
Tot Ion: 95 Resp: 130181

Ion Ratio Lower Upper

95 100

174 77.5 0.0 150.8

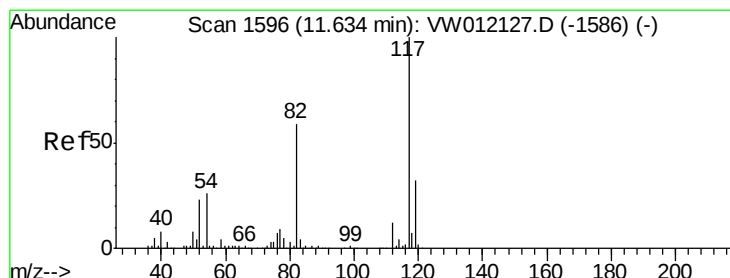
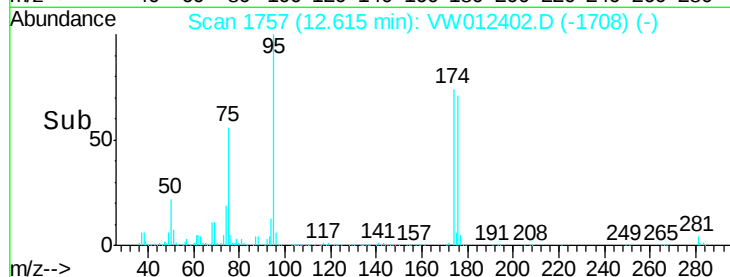
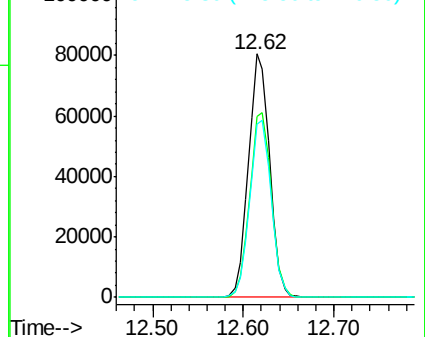
176 73.9 0.0 148.6



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: VW012402.D

Acq: 31 Aug 2019 16:01

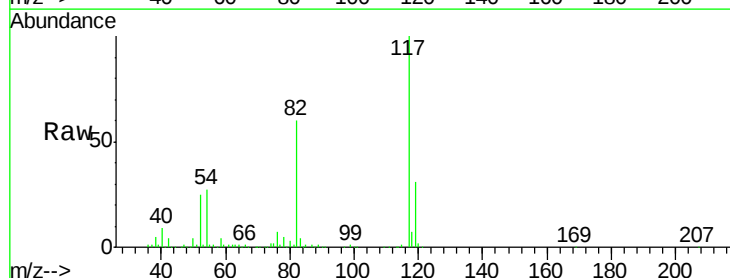
Tgt Ion: 117 Resp: 287558

Ion Ratio Lower Upper

117 100

82 60.5 47.4 71.2

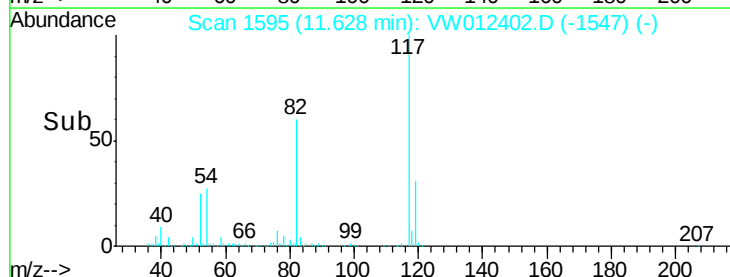
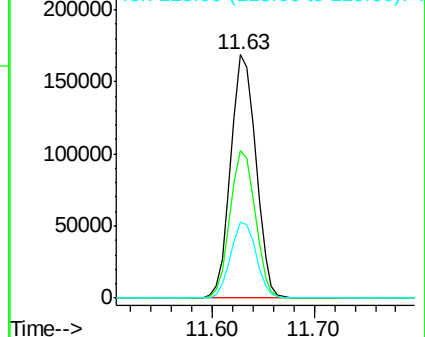
119 30.9 25.4 38.2

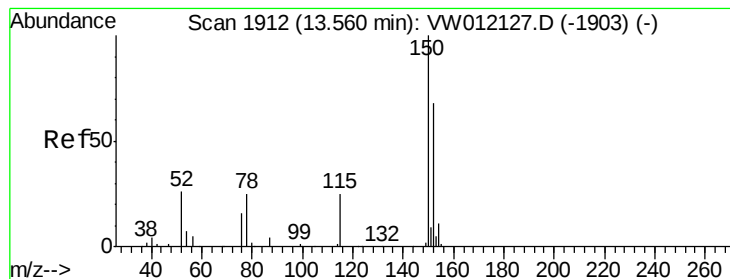


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012402.D

Acq: 31 Aug 2019 16:01

Instrument :

MSVOA_W

ClientSampleId :

T6-S1-(0)

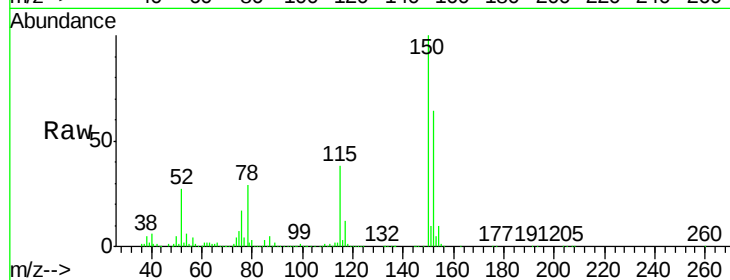
Tot Ion:152 Resp: 111268

Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.3

150 155.4 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

