

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012420.D
 Acq On : 01 Sep 2019 01:02
 Operator : SY/VA
 Sample : K4517-13
 Misc : 5.88G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-C-(0)

Quant Time: Sep 01 05:06:44 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

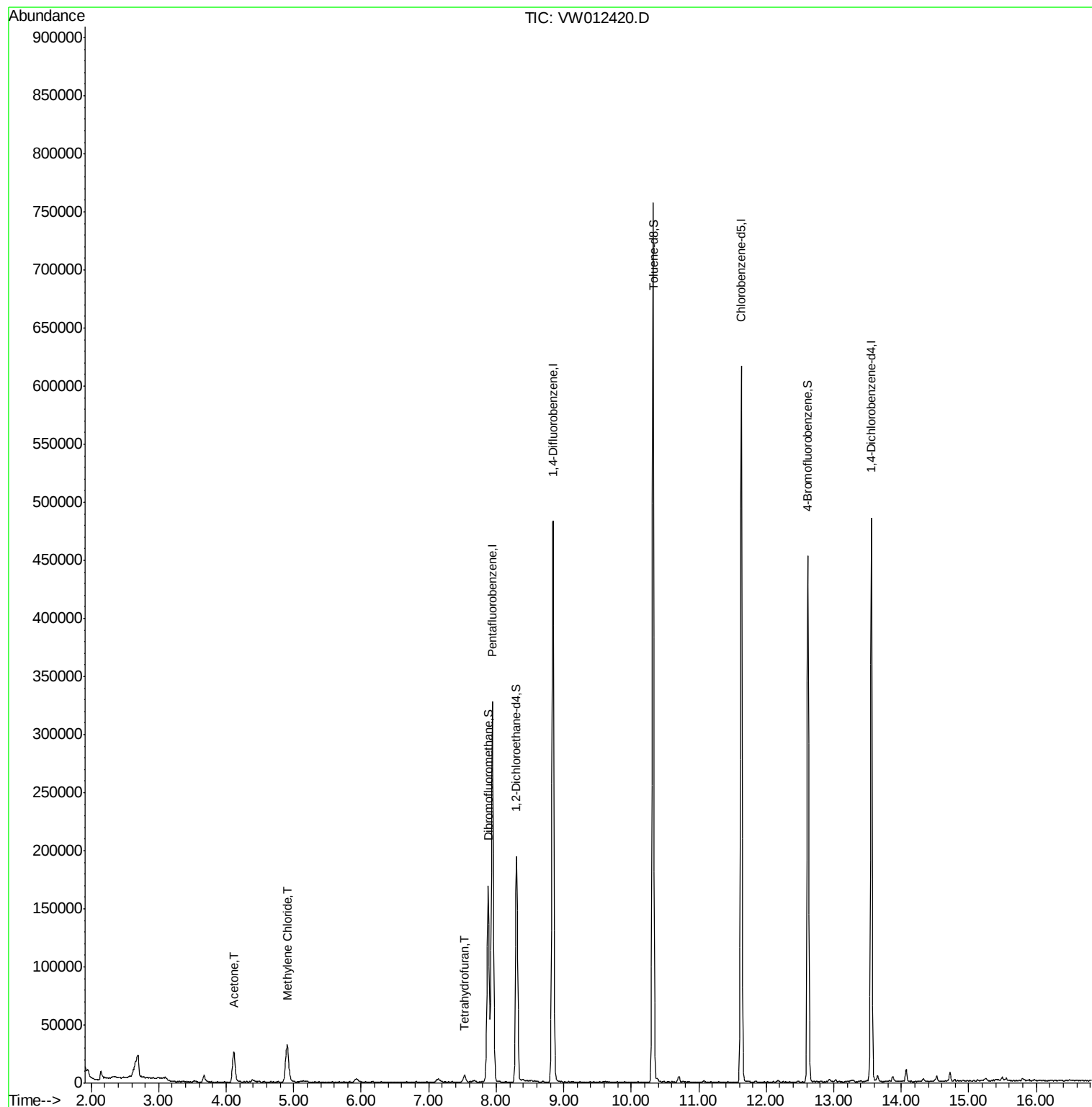
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	155870	56.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.98%	
35) Dibromofluoromethane	7.88	113	120443	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	10.32	98	473555	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.62	95	144465	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
Target Compounds						
16) Acetone	4.11	43	46801	66.938	ug/l	99
20) Methylene Chloride	4.90	84	22148	8.379	ug/l	92
29) Tetrahydrofuran	7.53	42	5073	8.900	ug/l	94

(#) = 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
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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: VW012420.D

Acq: 01 Sep 2019 01:02

Instrument :

MSVOA_W

ClientSampleId :

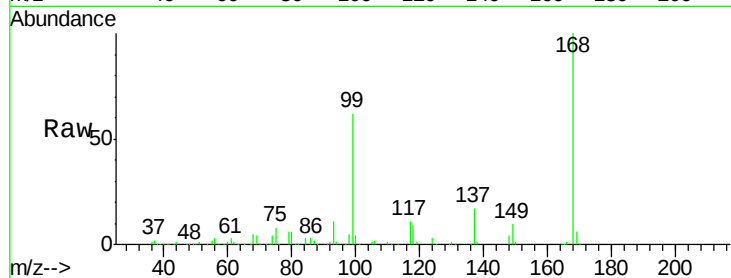
T4-S-C-(0)

Tot Ion:168 Resp: 230087

Ion Ratio Lower Upper

168 100

99 62.4 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

100000

80000

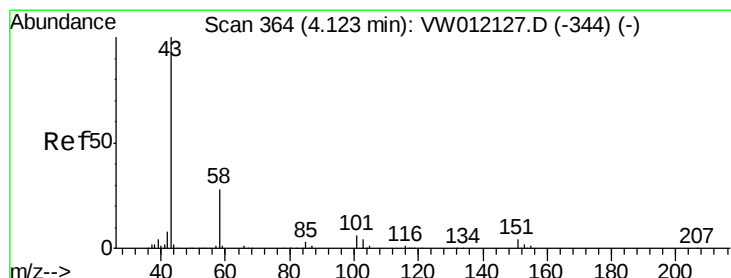
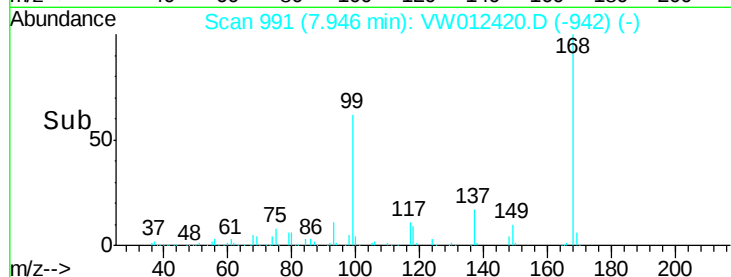
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 66.938 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012420.D

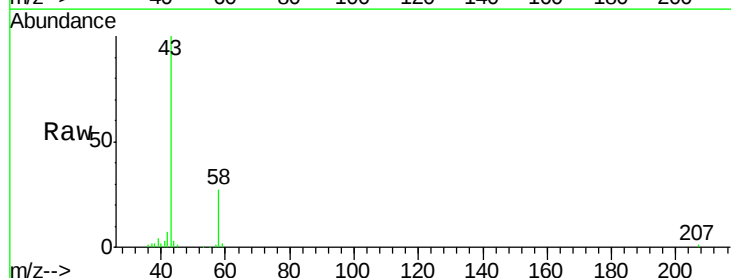
Acq: 01 Sep 2019 01:02

Tgt Ion: 43 Resp: 46801

Ion Ratio Lower Upper

43 100

58 27.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

20000

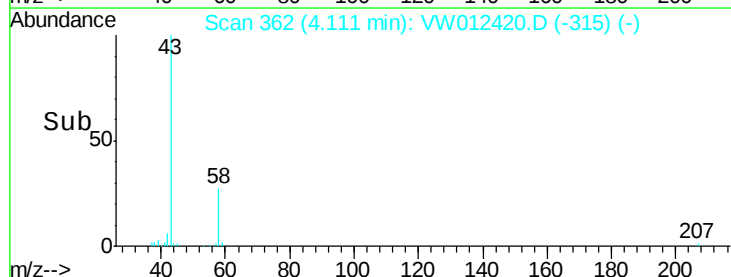
15000

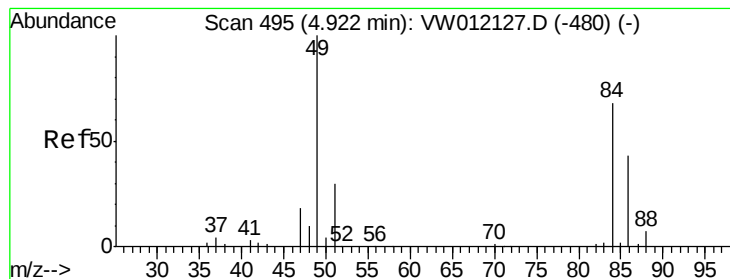
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 8.379 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012420.D

Acq: 01 Sep 2019 01:02

Instrument :

MSVOA_W

ClientSampleId :

T4-S-C(0)

Tot Ion: 84 Resp: 22148

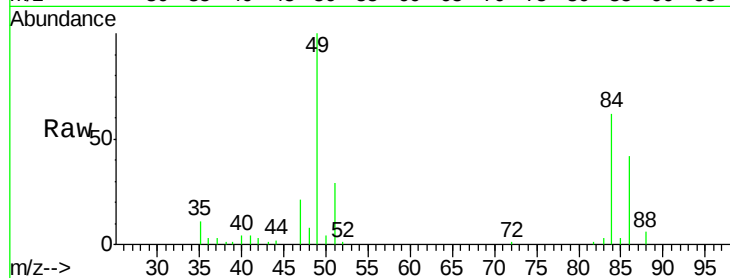
Ion Ratio Lower Upper

84 100

49 160.7 117.8 176.8

51 46.0 35.6 53.4

86 68.0 51.2 76.8

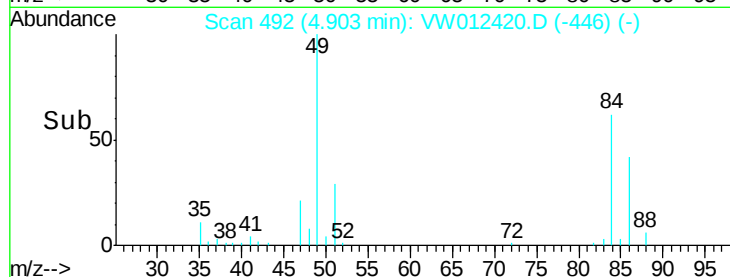


Abundance Ion 83.90 (83.60 to 84.60): VW

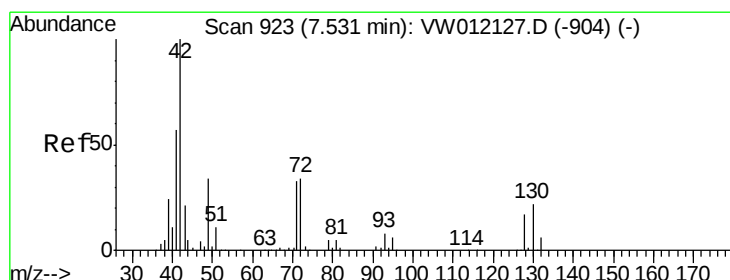
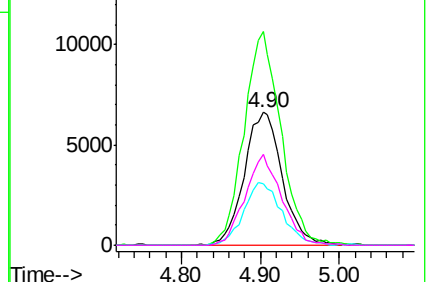
Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time-->



#29

Tetrahydrofuran

Concen: 8.900 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW012420.D

Acq: 01 Sep 2019 01:02

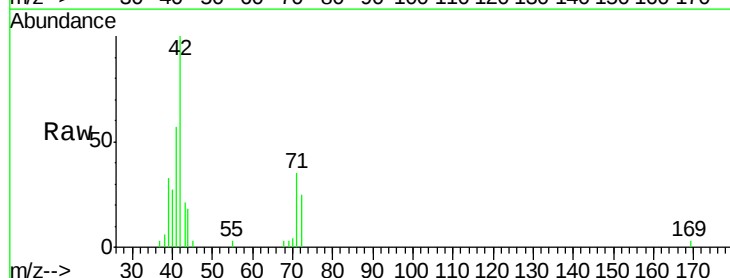
Tgt Ion: 42 Resp: 5073

Ion Ratio Lower Upper

42 100

72 31.3 27.3 40.9

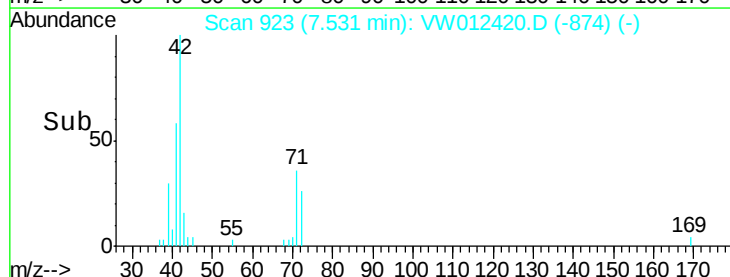
71 35.6 25.5 38.3



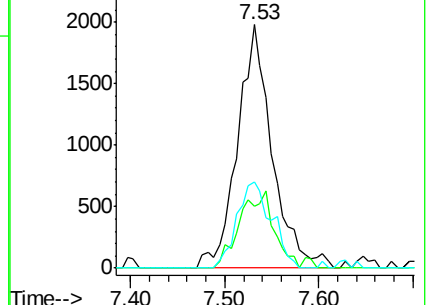
Abundance Ion 42.00 (41.70 to 42.70): VW

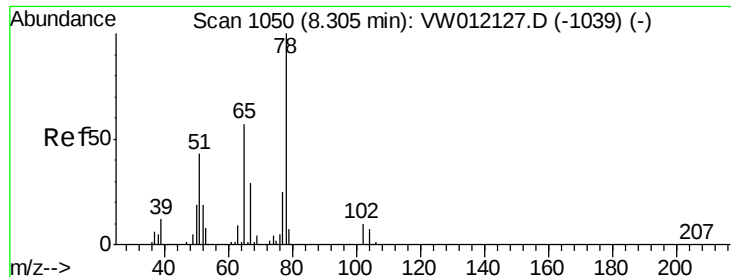
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



Time-->

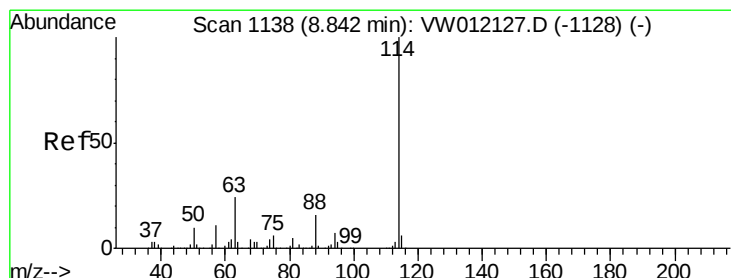
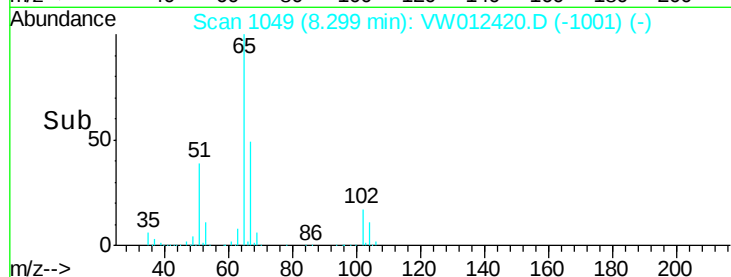
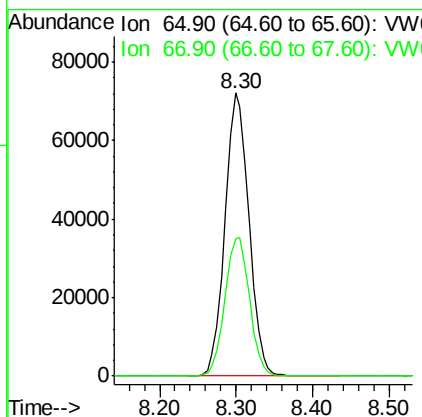
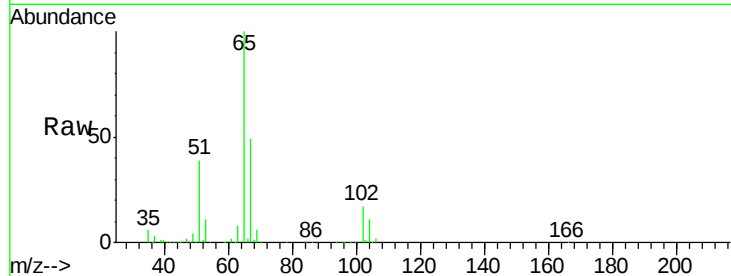




#33
 1,2-Dichloroethane-d4
 Concen: 56.987 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012420.D
 Acq: 01 Sep 2019 01:02

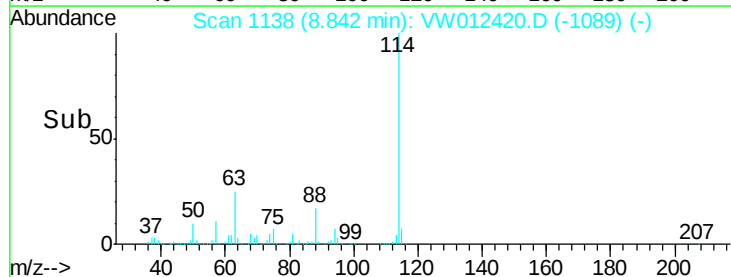
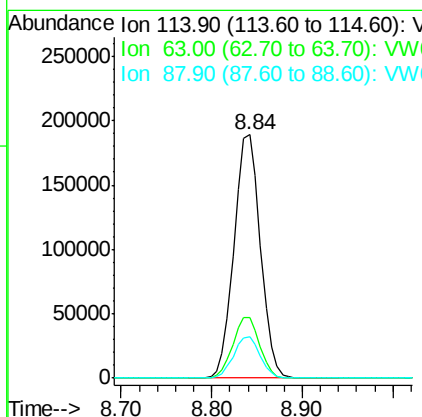
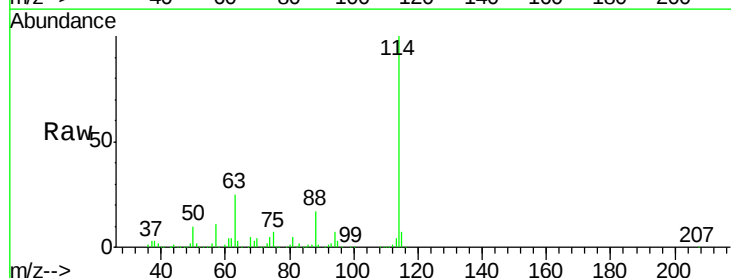
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-C(0)

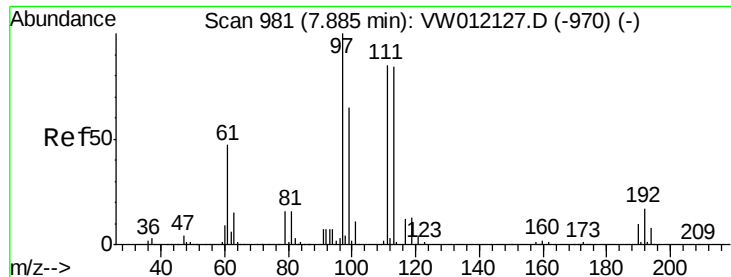
Tot Ion: 65 Resp: 155870
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012420.D
 Acq: 01 Sep 2019 01:02

Tgt Ion: 114 Resp: 381742
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 48.6
 88 17.2 0.0 32.2

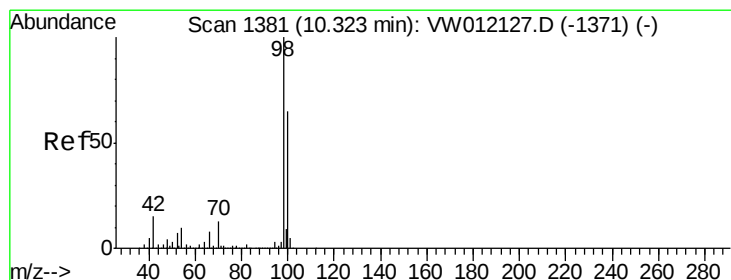
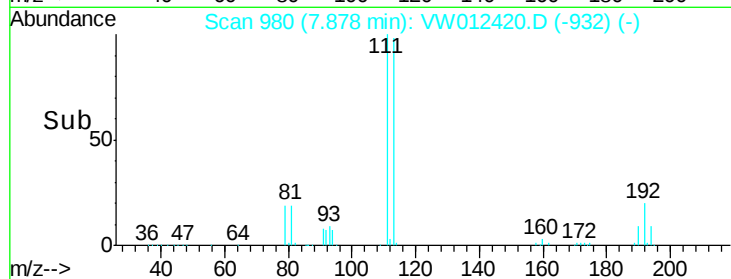
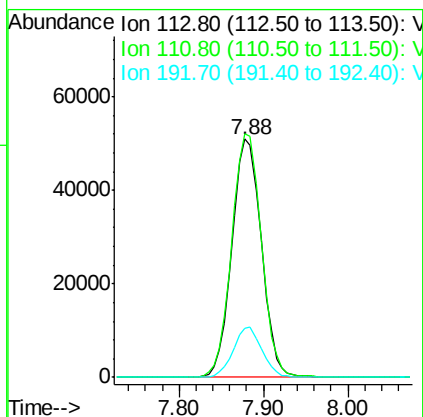
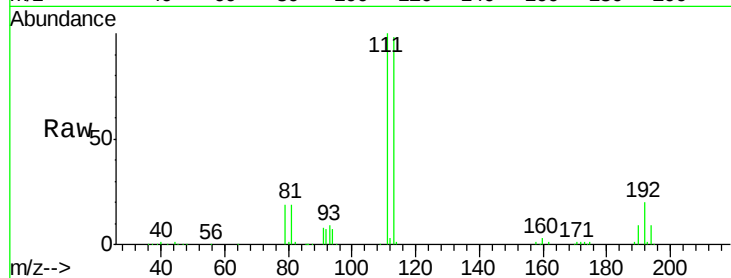




#35
 Dibromofluoromethane
 Concen: 52.858 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012420.D
 Acq: 01 Sep 2019 01:02

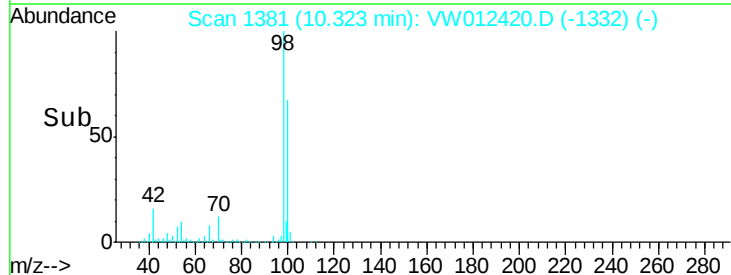
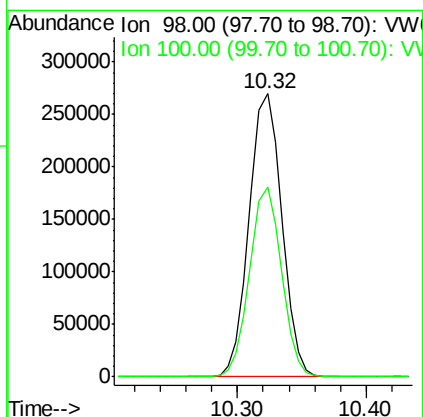
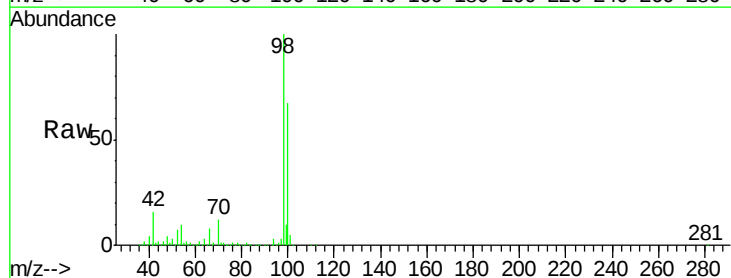
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-C(0)

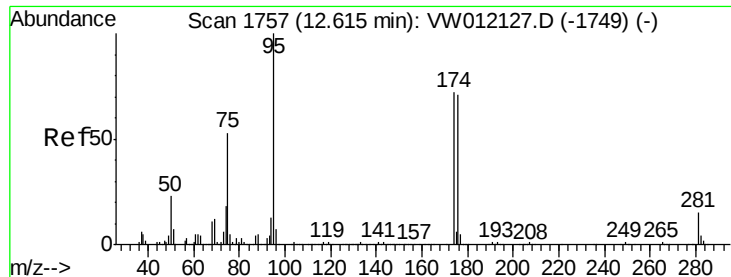
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	20.4	16.2	24.2



#50
 Toluene-d8
 Concen: 51.255 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012420.D
 Acq: 01 Sep 2019 01:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 44.358 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012420.D

Acq: 01 Sep 2019 01:02

Instrument :

MSVOA_W

ClientSampleId :

T4-S-C(0)

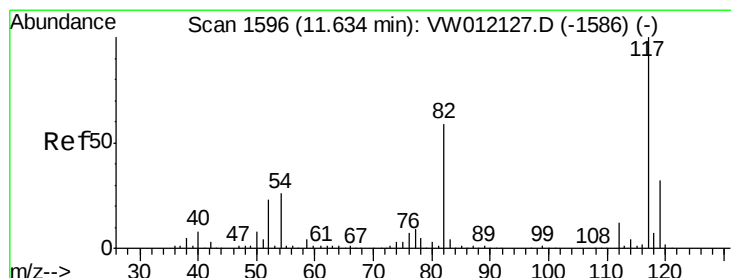
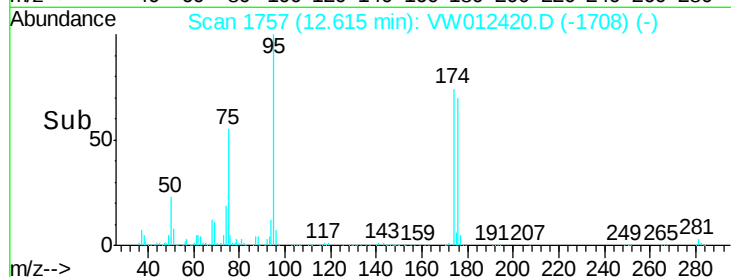
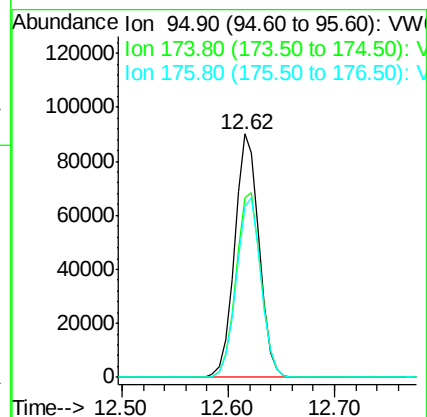
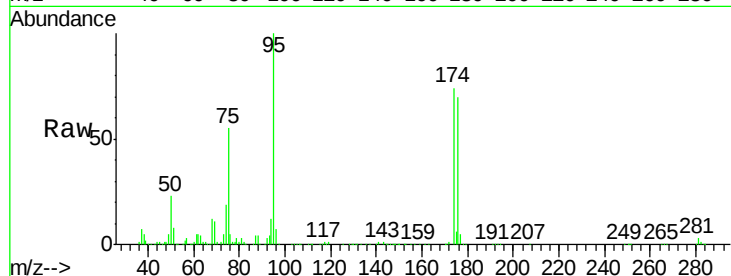
Tot Ion: 95 Resp: 144465

Ion Ratio Lower Upper

95 100

174 77.8 0.0 150.8

176 74.7 0.0 148.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012420.D

Acq: 01 Sep 2019 01:02

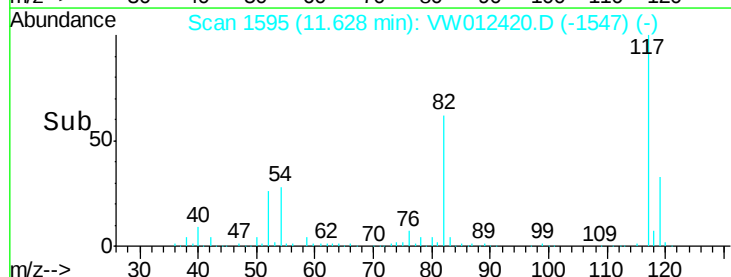
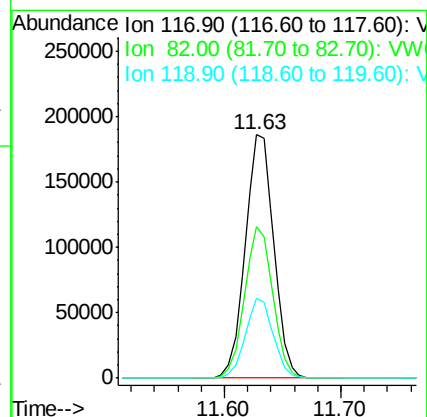
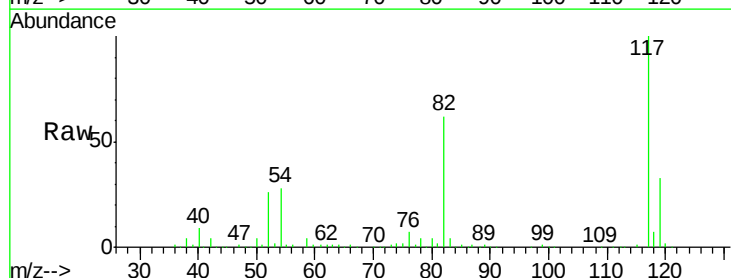
Tgt Ion: 117 Resp: 318863

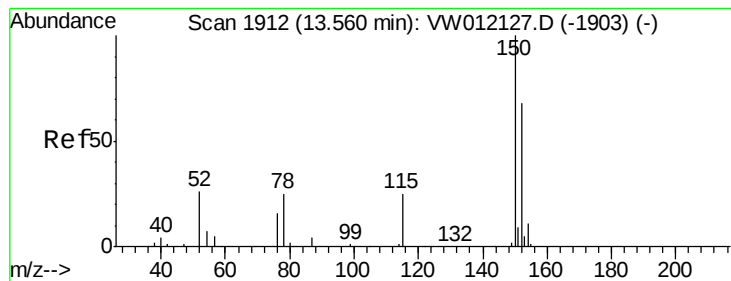
Ion Ratio Lower Upper

117 100

82 62.5 47.4 71.2

119 32.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012420.D

Acq: 01 Sep 2019 01:02

Instrument :

MSVOA_W

ClientSampleId :

T4-S-C-(0)

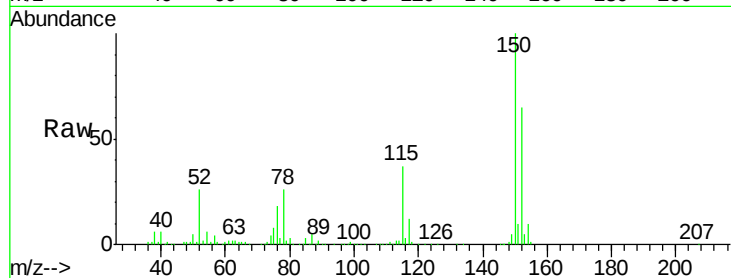
Tot Ion:152 Resp: 123119

Ion Ratio Lower Upper

152 100

115 59.4 30.1 90.3

150 156.2 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

