

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012547.D
 Acq On : 03 Sep 2019 15:30
 Operator : SY/VA
 Sample : K4544-03
 Misc : 3.80G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-B2-(0)

Quant Time: Sep 03 16:18:52 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

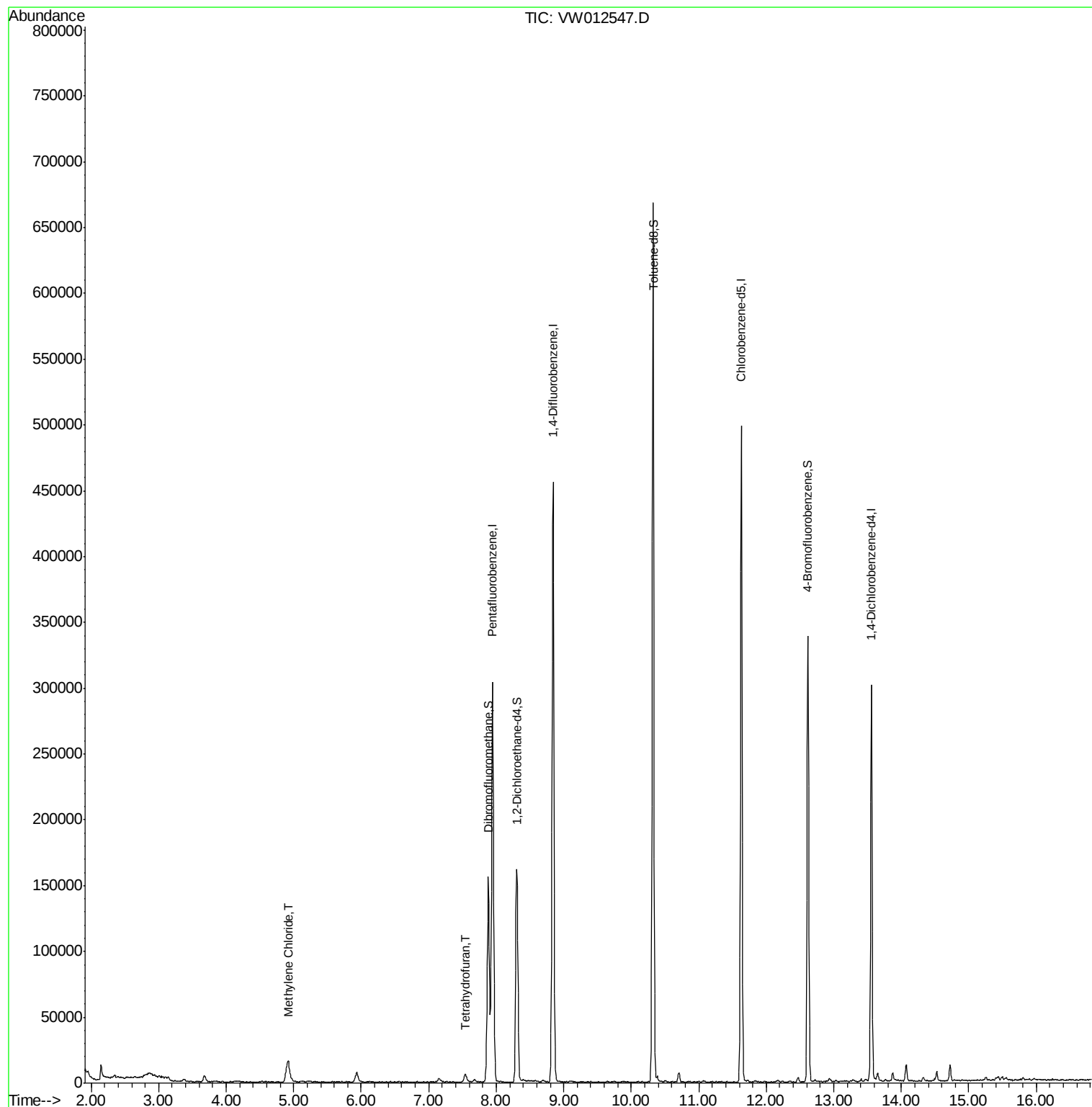
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	352907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	266280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134892	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
35) Dibromofluoromethane	7.88	113	109949	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
50) Toluene-d8	10.32	98	418448	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.62	95	106653	35.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.84%	
Target Compounds						
20) Methylene Chloride	4.92	84	12281	4.826	ug/l	92
29) Tetrahydrofuran	7.54	42	5353	9.753	ug/l	96

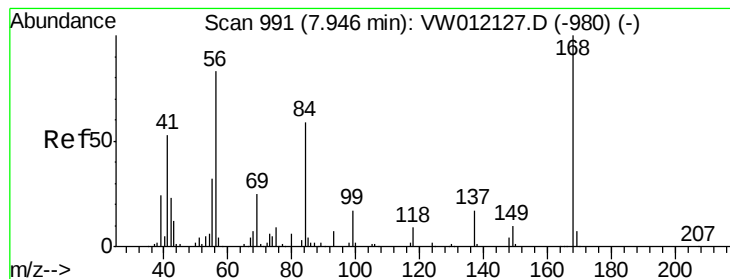
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012547.D

Acq: 03 Sep 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

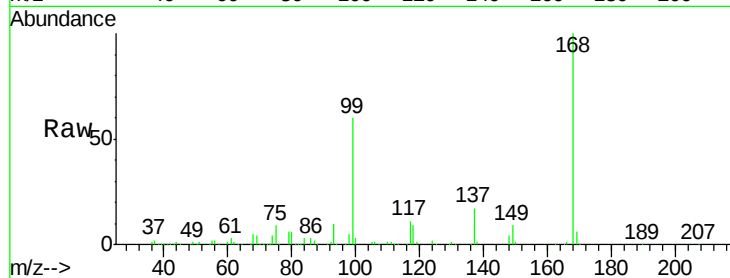
T16-17-B2-(0)

Tot Ion:168 Resp: 221539

Ion Ratio Lower Upper

168 100

99 59.7 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

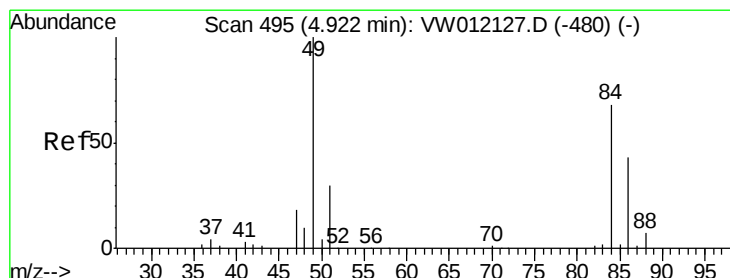
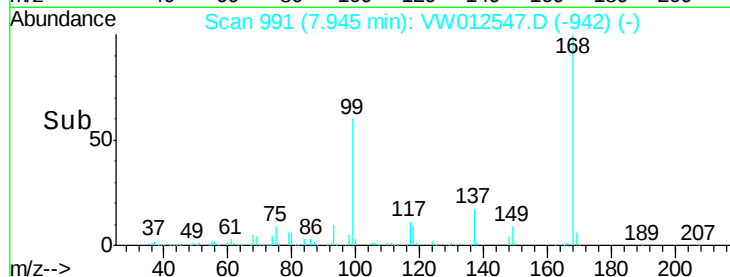
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 4.826 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW012547.D

Acq: 03 Sep 2019 15:30

Tgt Ion: 84 Resp: 12281

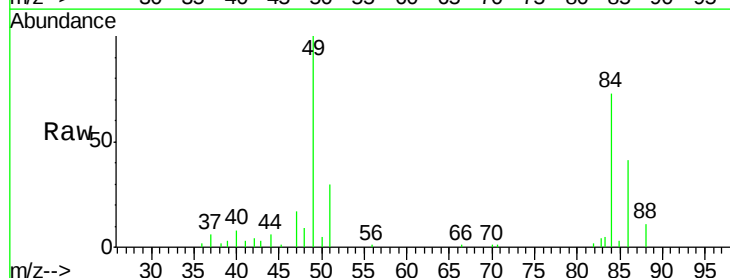
Ion Ratio Lower Upper

84 100

49 136.4 117.8 176.8

51 41.6 35.6 53.4

86 56.6 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

8000

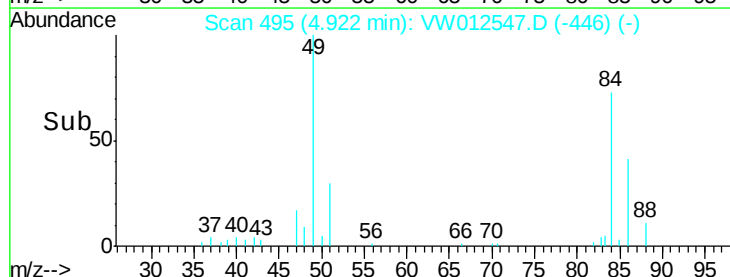
6000

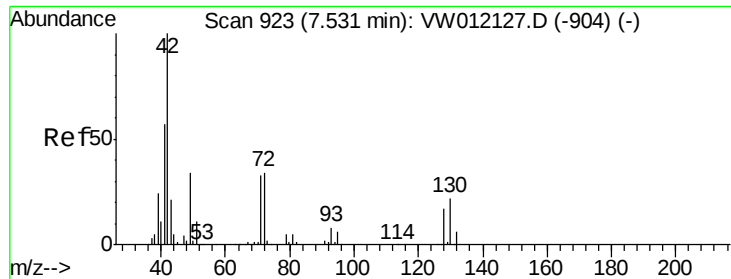
4000

2000

0

Time-->

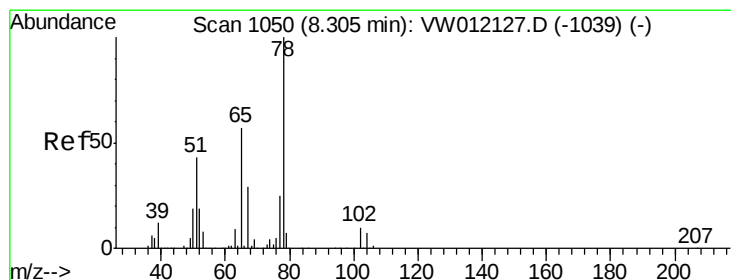
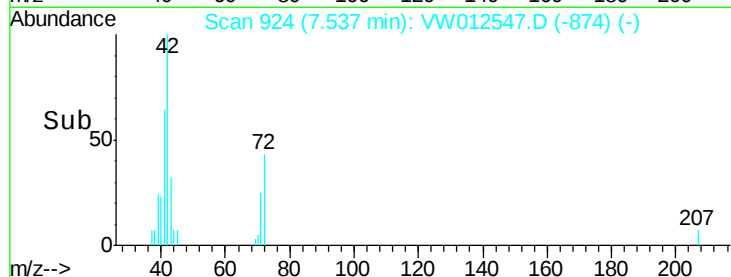
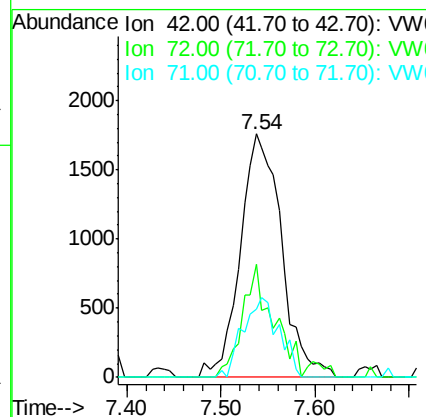
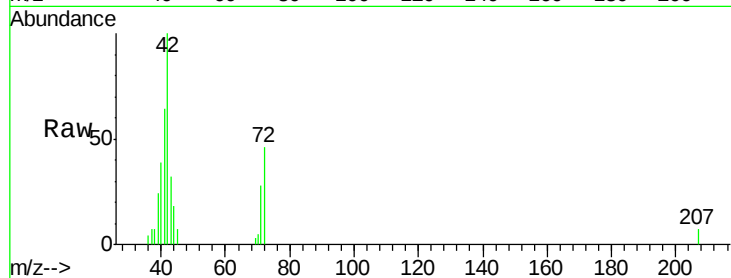




#29
Tetrahydrofuran
Concen: 9.753 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012547.D
Acq: 03 Sep 2019 15:30

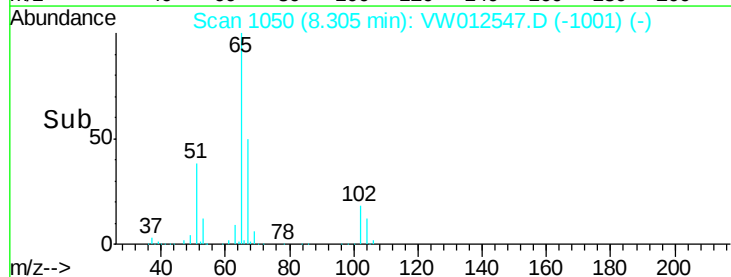
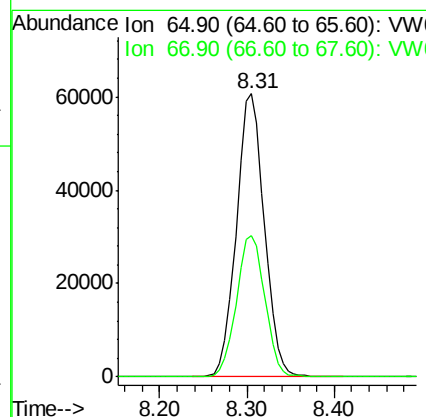
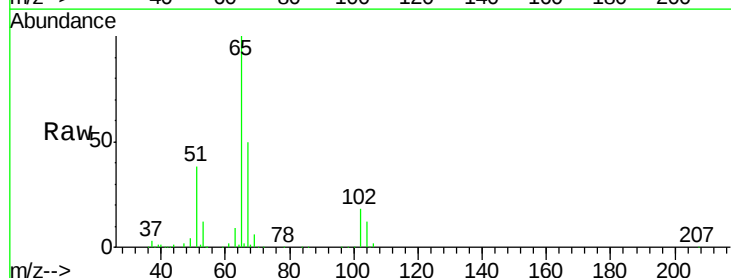
Instrument :
MSVOA_W
ClientSampleId :
T16-17-B2-(0)

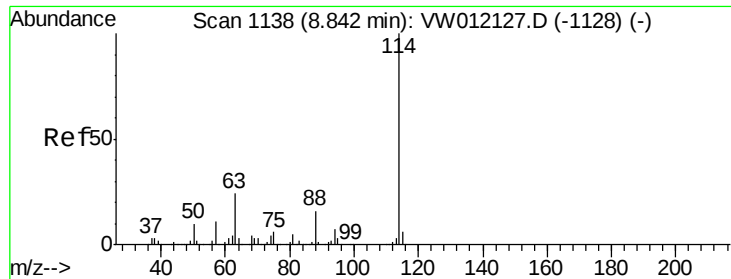
Tot Ion: 42 Resp: 5353
Ion Ratio Lower Upper
42 100
72 35.5 27.3 40.9
71 28.7 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 51.220 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012547.D
Acq: 03 Sep 2019 15:30

Tgt Ion: 65 Resp: 134892
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.6

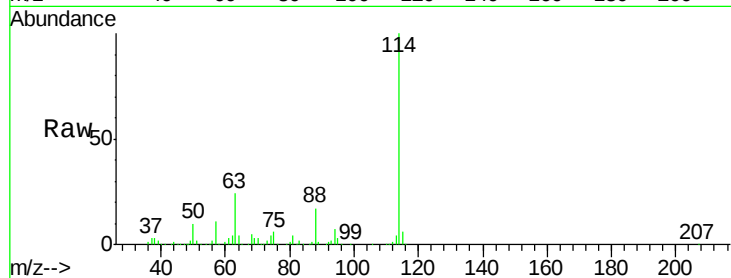




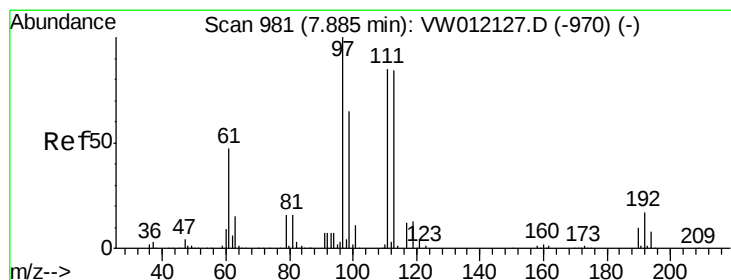
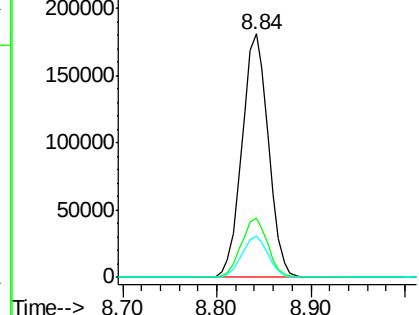
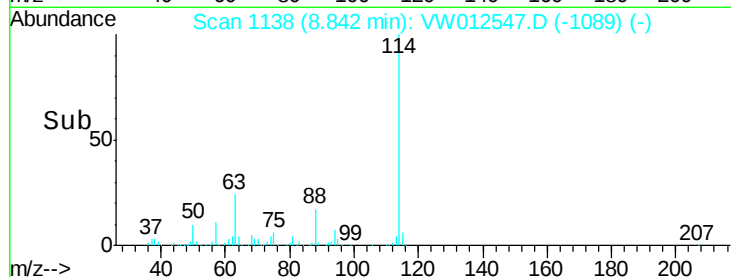
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012547.D
 Acq: 03 Sep 2019 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-B2-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	48.6
88	16.9	0.0	32.2

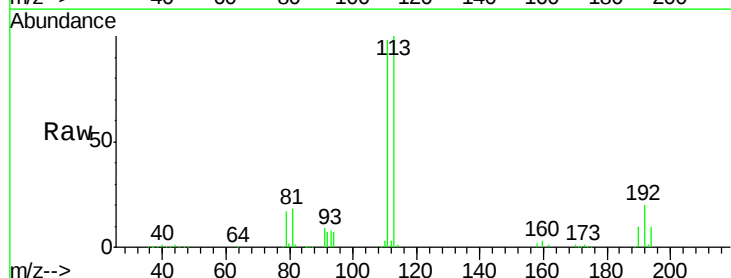


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

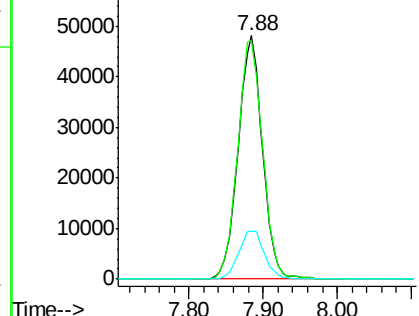
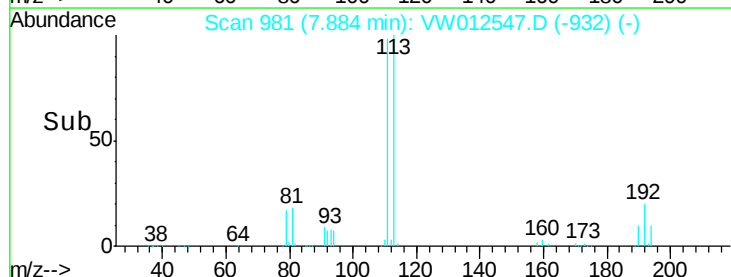


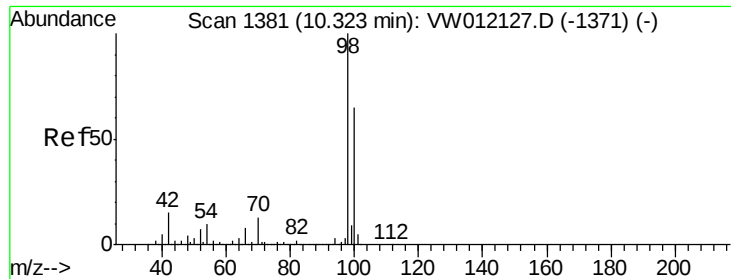
#35
 Dibromofluoromethane
 Concen: 52.195 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012547.D
 Acq: 03 Sep 2019 15:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.7	124.1
192	20.7	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: 48.991 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012547.D

Acq: 03 Sep 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

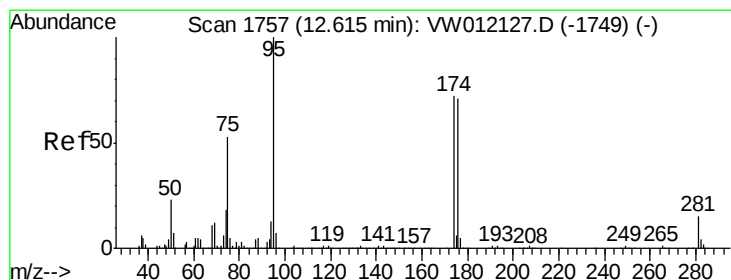
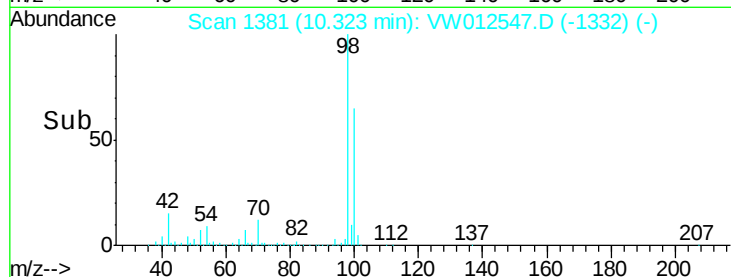
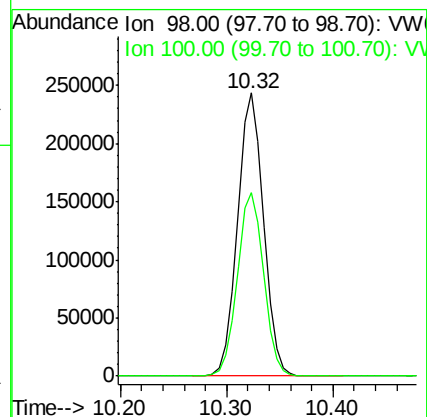
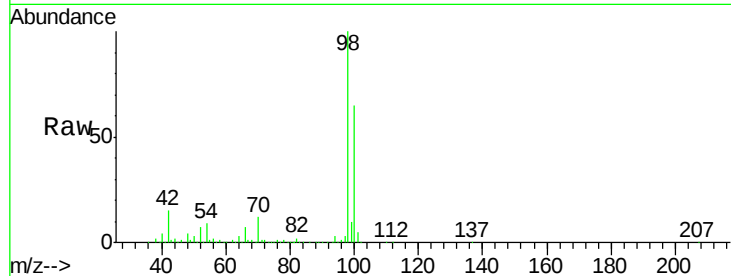
T16-17-B2-(0)

Tot Ion: 98 Resp: 418448

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 35.423 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012547.D

Acq: 03 Sep 2019 15:30

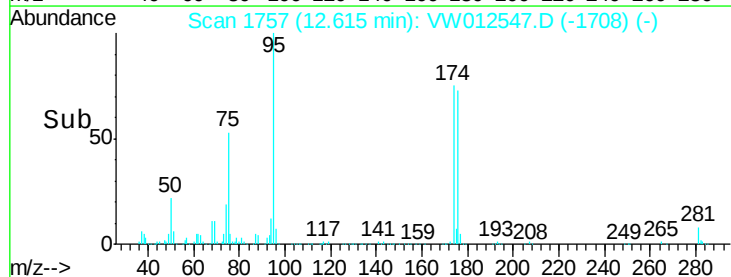
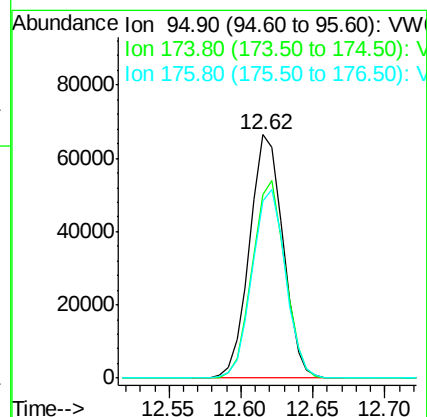
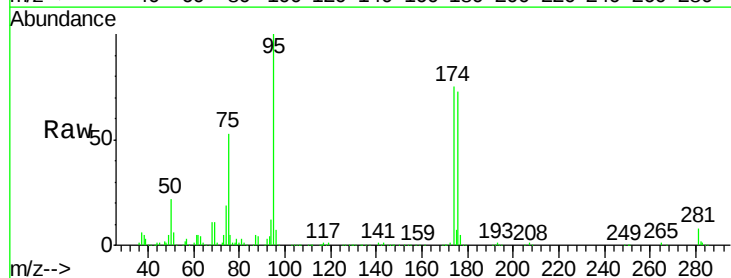
Tgt Ion: 95 Resp: 106653

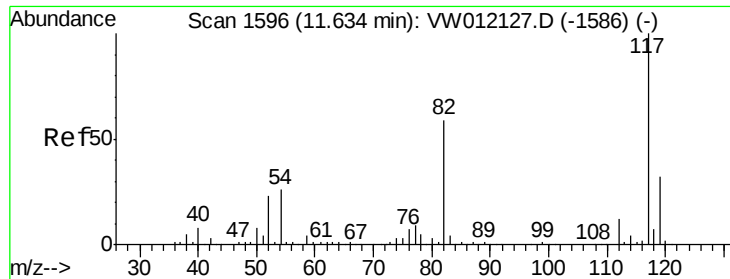
Ion Ratio Lower Upper

95 100

174 79.9 0.0 150.8

176 77.3 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: VW012547.D

Acq: 03 Sep 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

T16-17-B2-(0)

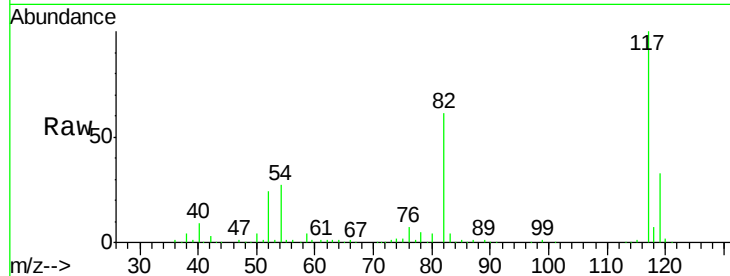
Tot Ion:117 Resp: 266280

Ion Ratio Lower Upper

117 100

82 60.8 47.4 71.2

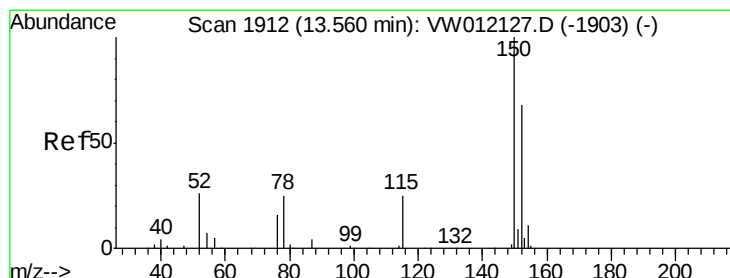
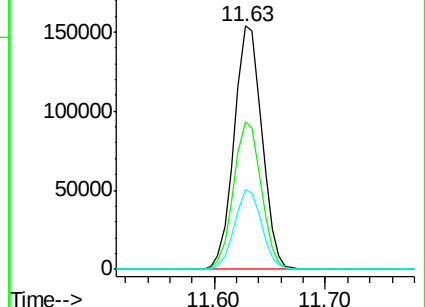
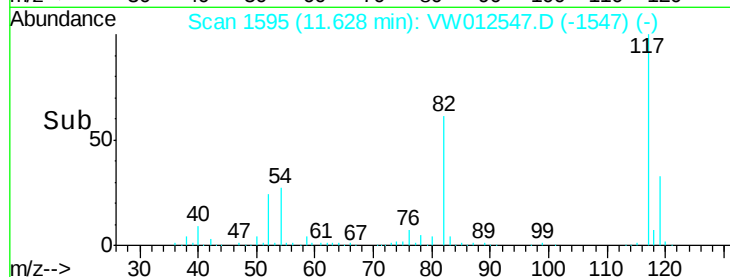
119 32.6 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012547.D

Acq: 03 Sep 2019 15:30

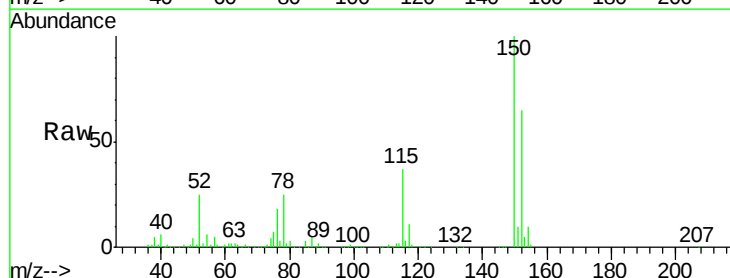
Tgt Ion:152 Resp: 77184

Ion Ratio Lower Upper

152 100

115 59.8 30.1 90.3

150 155.6 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

