

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012296.D
 Acq On : 29 Aug 2019 12:11
 Operator : SY/VA
 Sample : K4510-05
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-42-9.5-10.0

Quant Time: Aug 30 07:07:08 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	222855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127874	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	121190	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
35) Dibromofluoromethane	7.88	113	106200	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	10.32	98	446168	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.62	95	145304	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	

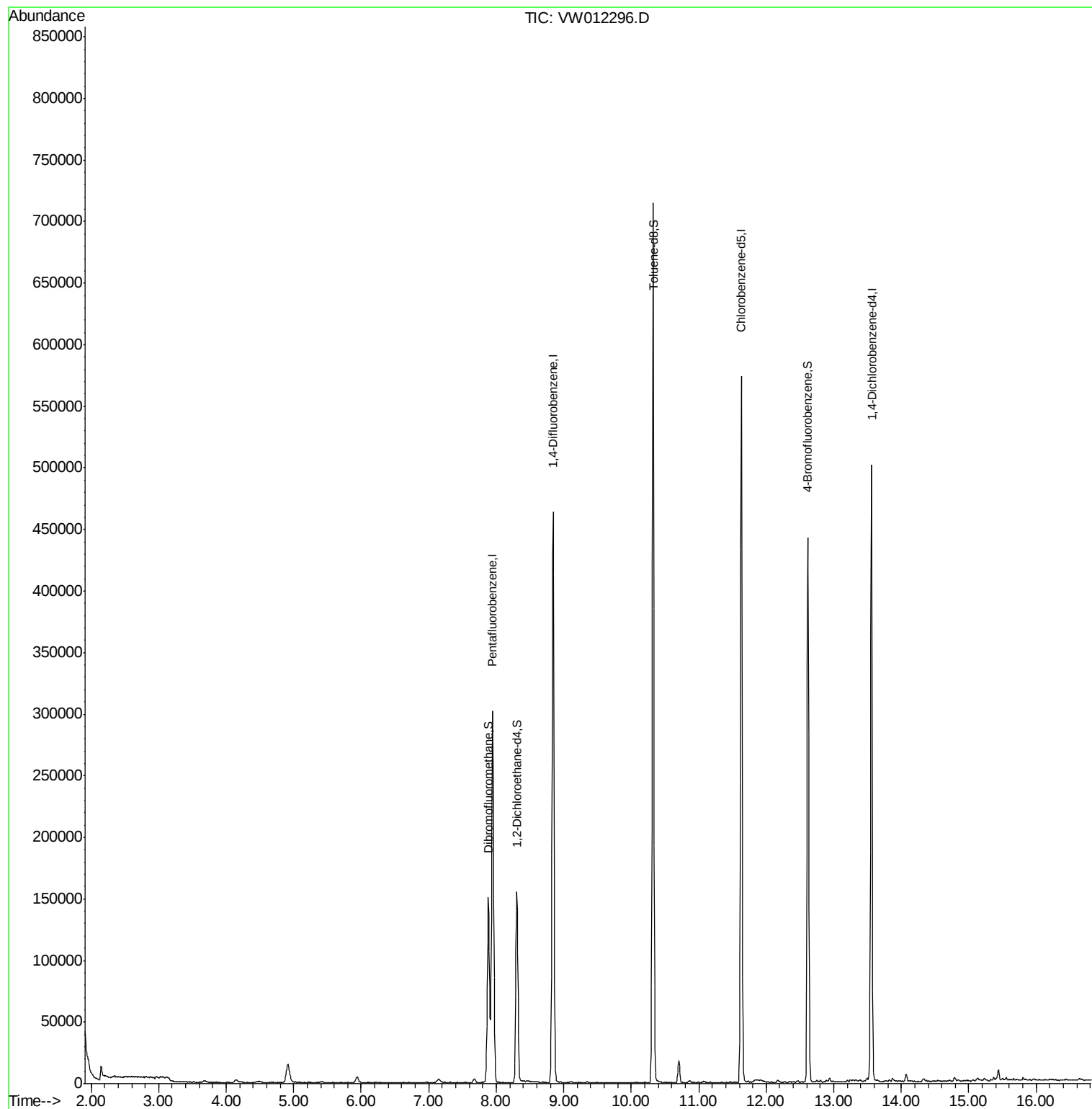
Target Compounds	Qvalue

(#) = 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: VW012296.D

Acq: 29 Aug 2019 12:11

Instrument :

MSVOA_W

ClientSampleId :

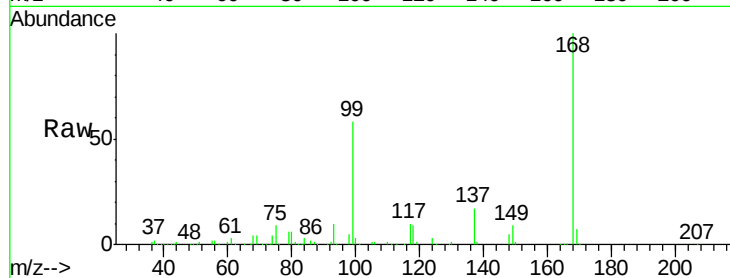
SB-42-9.5-10.0

Tot Ion:168 Resp: 222855

Ion Ratio Lower Upper

168 100

99 58.3 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

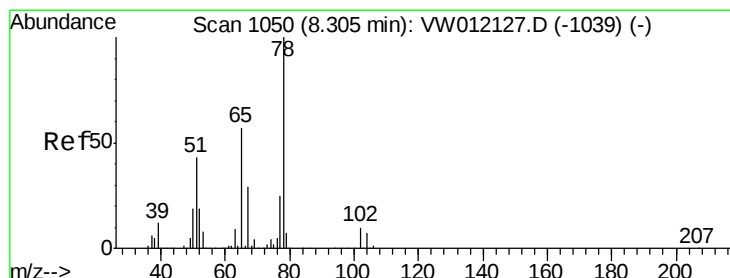
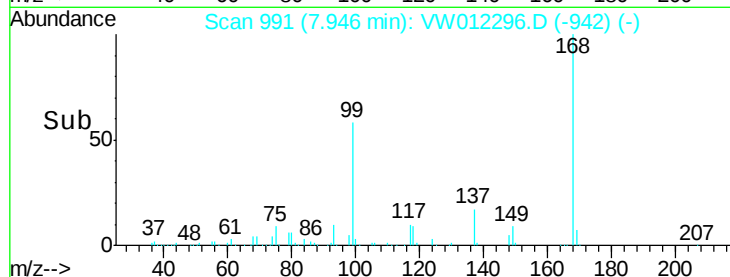
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 45.746 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012296.D

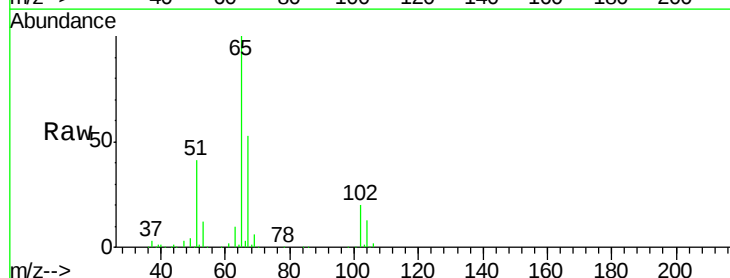
Acq: 29 Aug 2019 12:11

Tgt Ion: 65 Resp: 121190

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

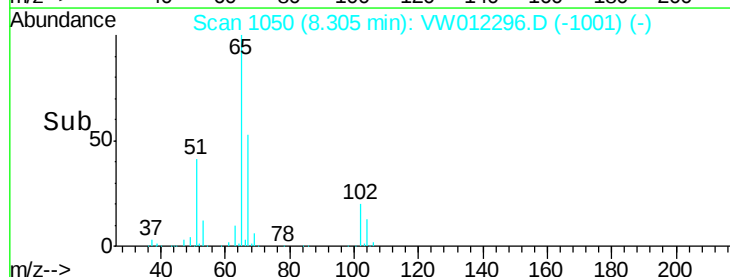
30000

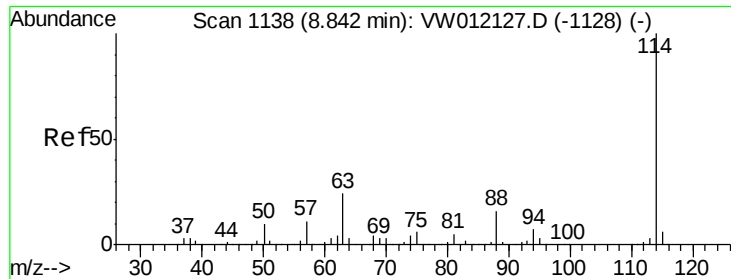
20000

10000

0

Time--> 8.20 8.30 8.40

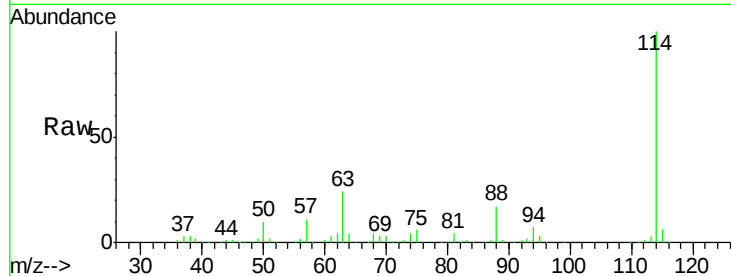




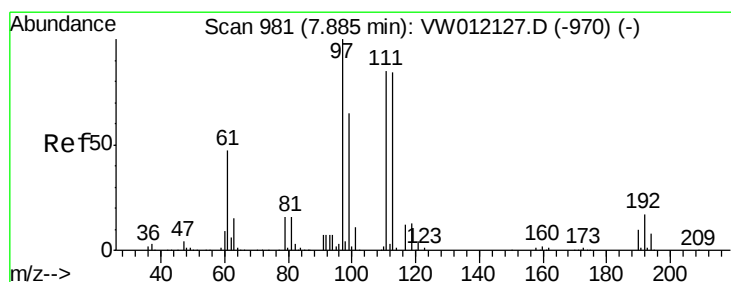
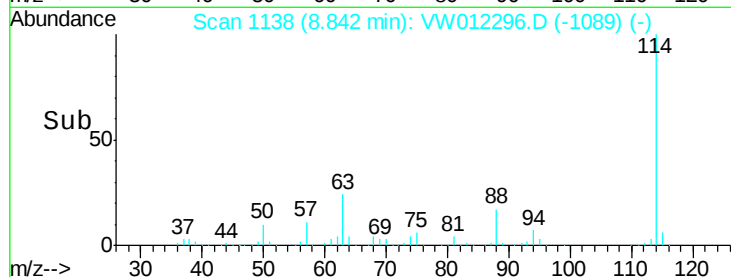
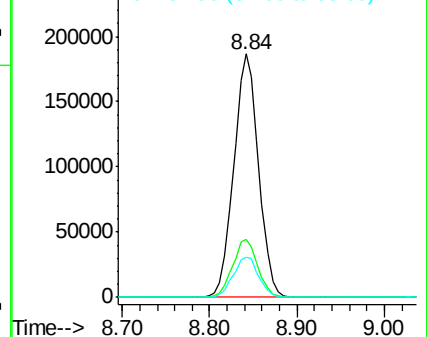
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012296.D
 Acq: 29 Aug 2019 12:11

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-42-9.5-10.0

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	48.6
88	16.7	0.0	32.2

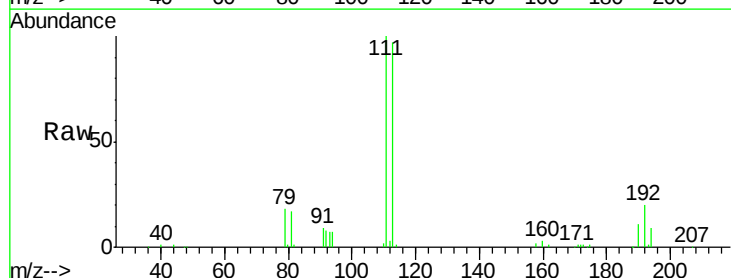


Abundance Ion 113.90 (113.60 to 114.60): V

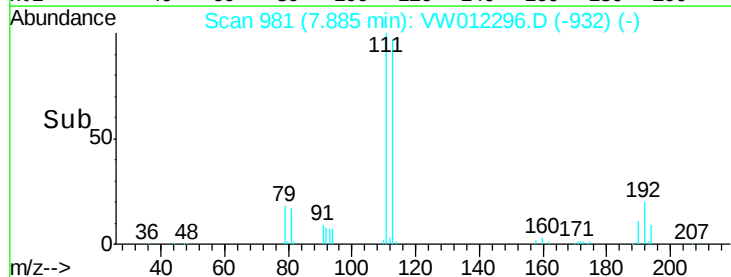
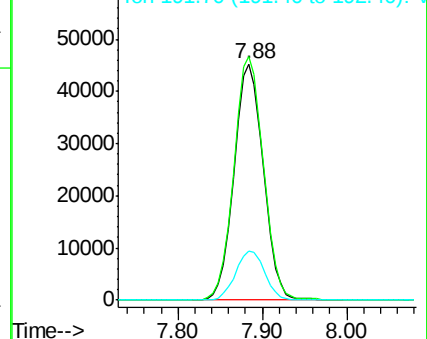


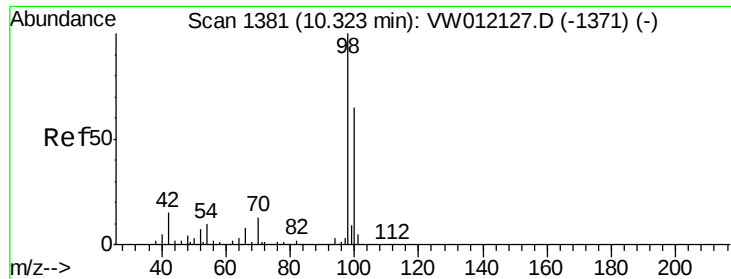
#35
 Dibromofluoromethane
 Concen: 48.576 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012296.D
 Acq: 29 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.7	124.1
192	20.6	16.2	24.2



Abundance Ion 112.80 (112.50 to 113.50): V





#50

Toluene-d8

Concen: 50.331 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012296.D

Acq: 29 Aug 2019 12:11

Instrument :

MSVOA_W

ClientSampleId :

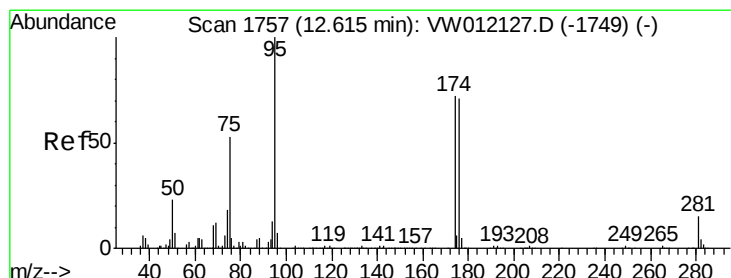
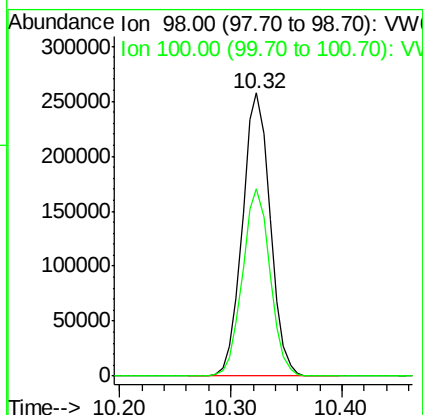
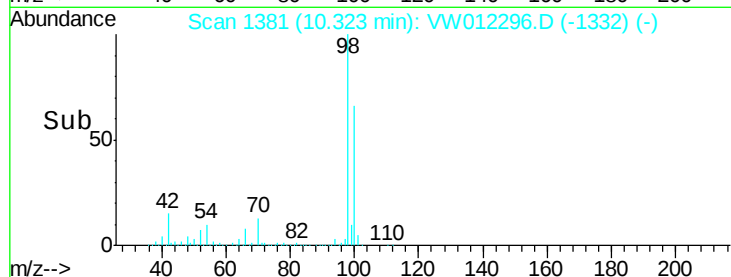
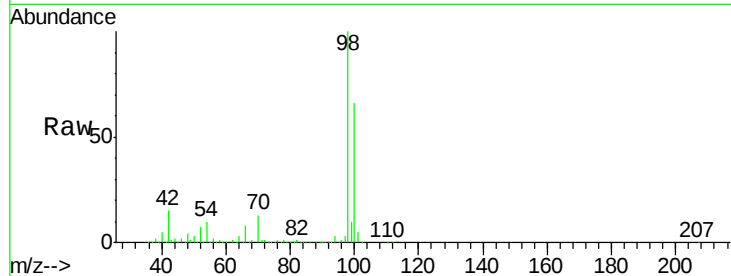
SB-42-9.5-10.0

Tot Ion: 98 Resp: 446168

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 46.501 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012296.D

Acq: 29 Aug 2019 12:11

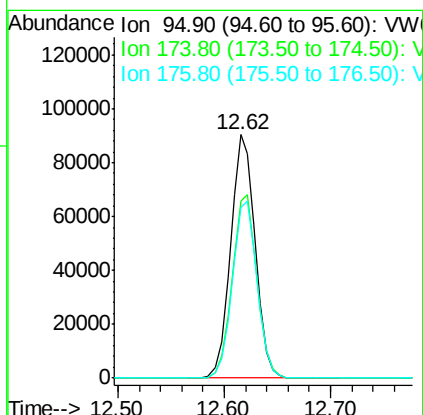
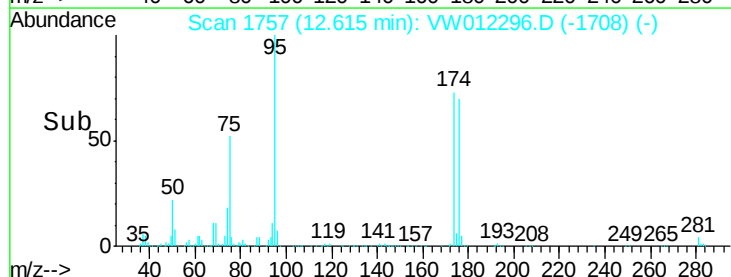
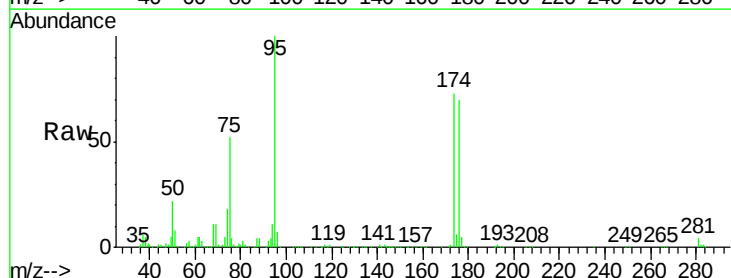
Tgt Ion: 95 Resp: 145304

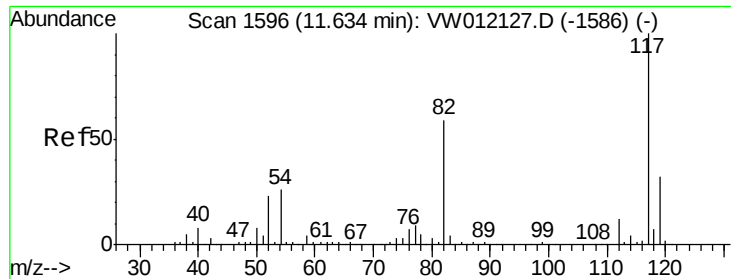
Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.8

176 73.6 0.0 148.6

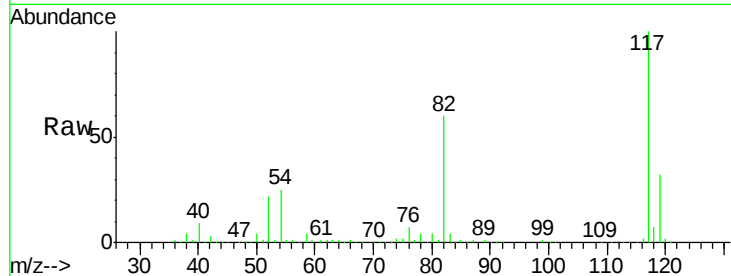




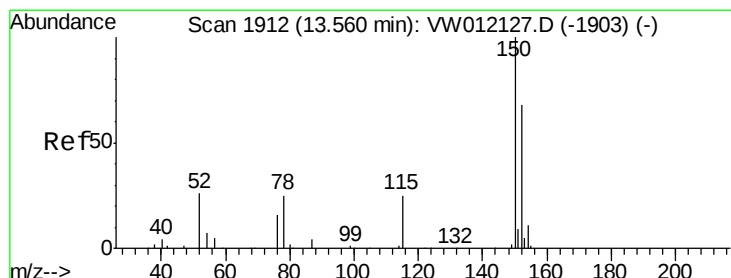
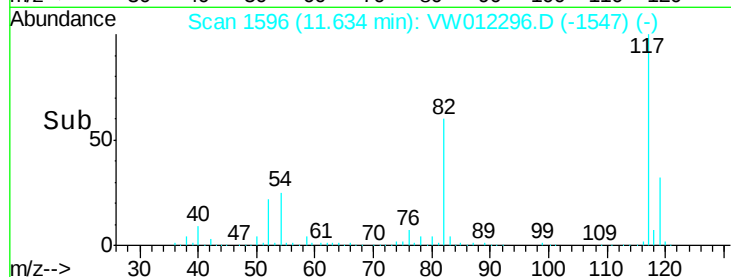
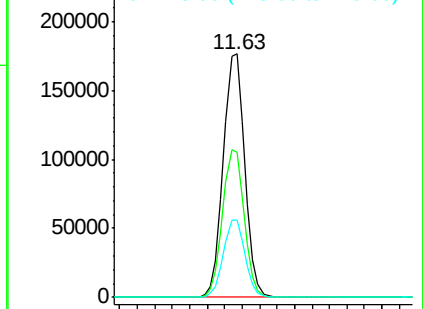
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012296.D
Acq: 29 Aug 2019 12:11

Instrument :
MSVOA_W
ClientSampleId :
SB-42-9.5-10.0

Tot Ion:117 Resp: 301634
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 31.8 25.4 38.2

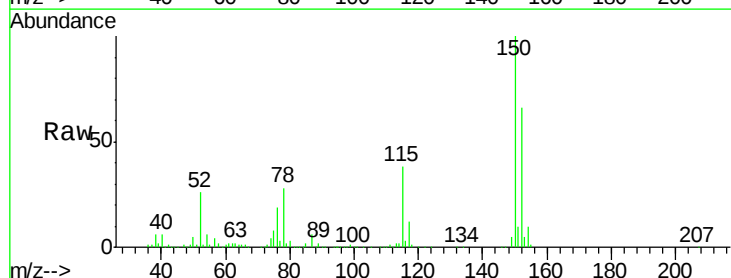


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012296.D
Acq: 29 Aug 2019 12:11

Tgt Ion:152 Resp: 127874
Ion Ratio Lower Upper
152 100
115 60.7 30.1 90.3
150 157.1 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

