

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012303.D
 Acq On : 29 Aug 2019 15:12
 Operator : SY/VA
 Sample : K4596-01
 Misc : 4.70G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S403-K1-1.0-1.5-082819

Quant Time: Aug 30 07:42:47 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

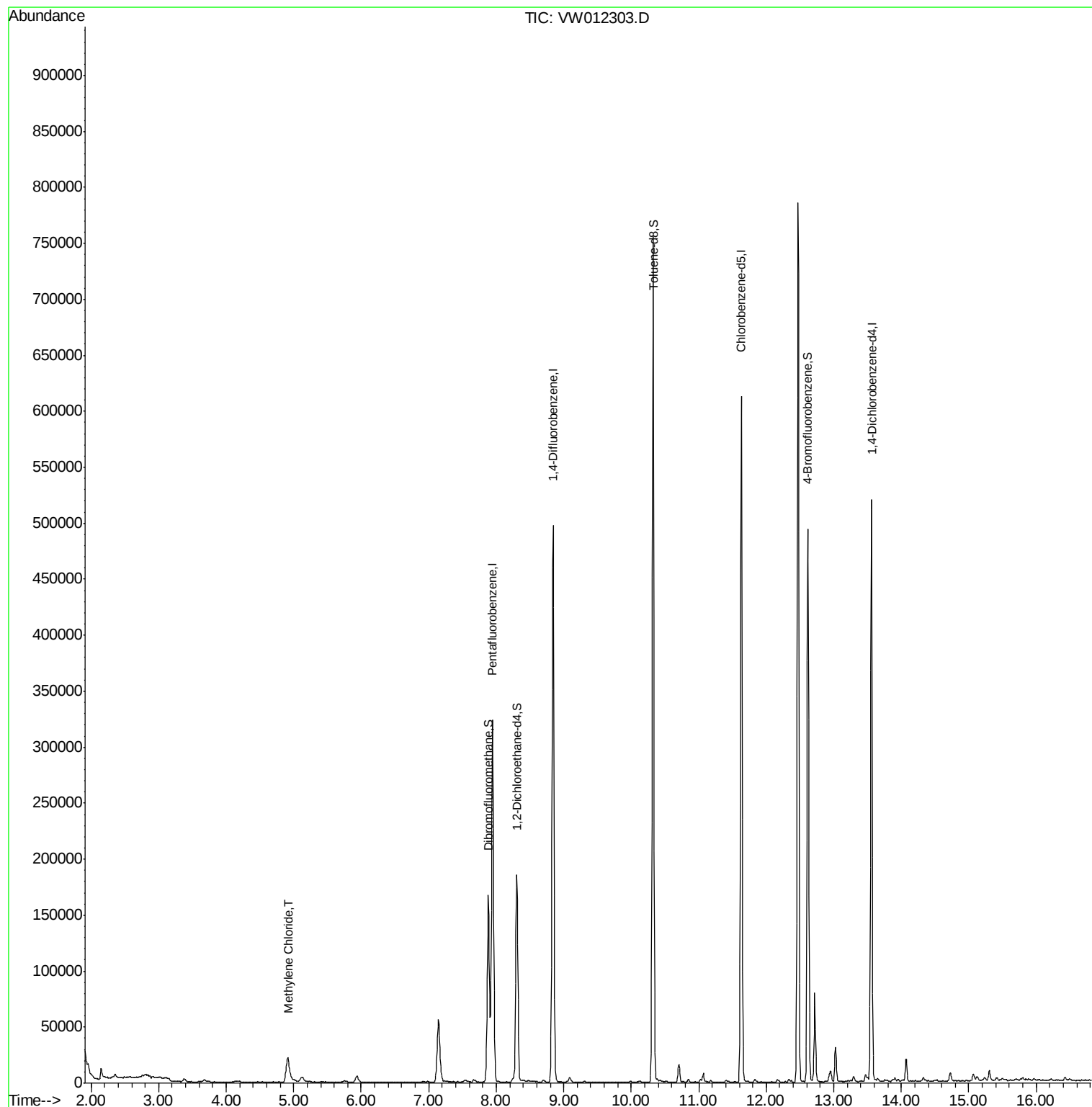
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132422	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145183	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
35) Dibromofluoromethane	7.88	113	117027	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	10.32	98	473853	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	157583	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
Target Compounds						
20) Methylene Chloride	4.91	84	16061	5.932	ug/l	Qvalue 97

(#) = 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: VW012303.D

Acq: 29 Aug 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

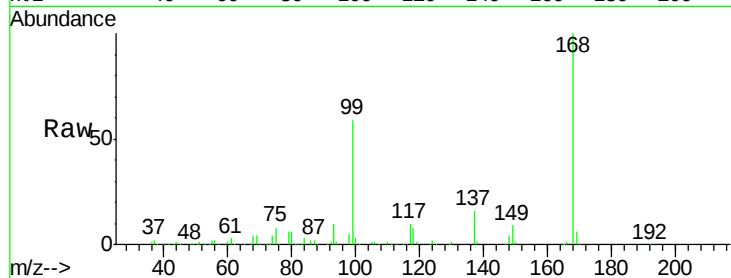
S403-K1-1.0-1.5-082819

Tot Ion:168 Resp: 235710

Ion Ratio Lower Upper

168 100

99 59.2 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

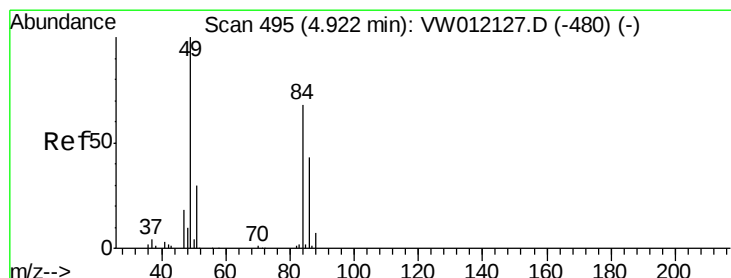
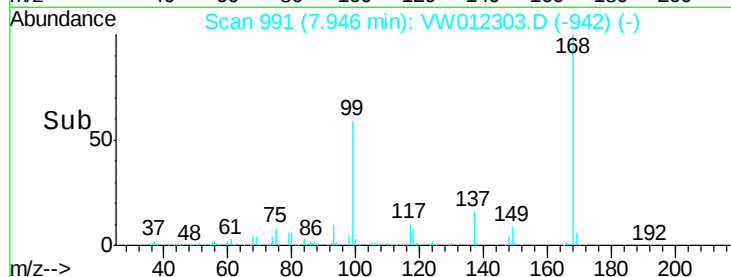
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.932 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012303.D

Acq: 29 Aug 2019 15:12

Tgt Ion: 84 Resp: 16061

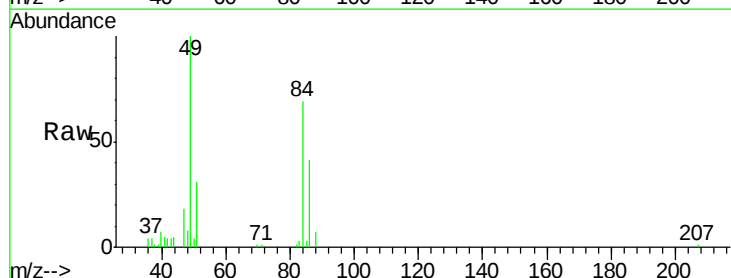
Ion Ratio Lower Upper

84 100

49 144.4 117.8 176.8

51 44.3 35.6 53.4

86 58.8 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

10000

8000

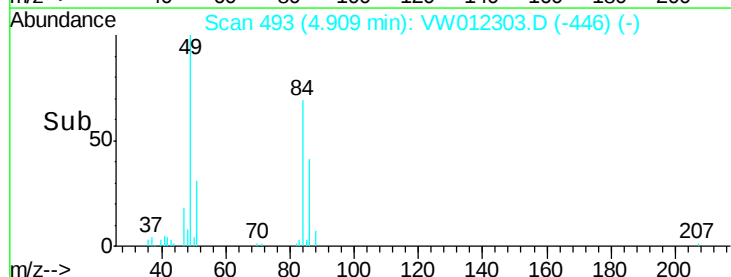
6000

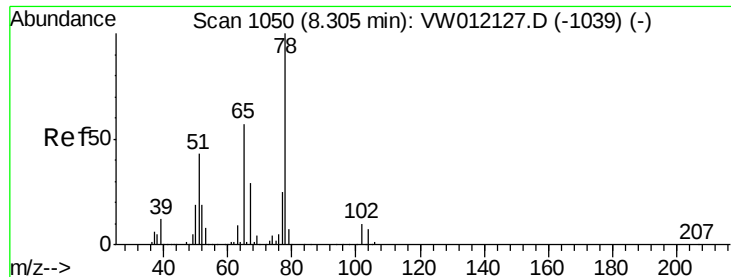
4000

2000

0

Time-->

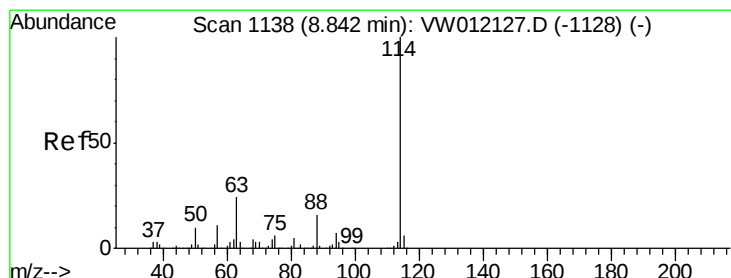
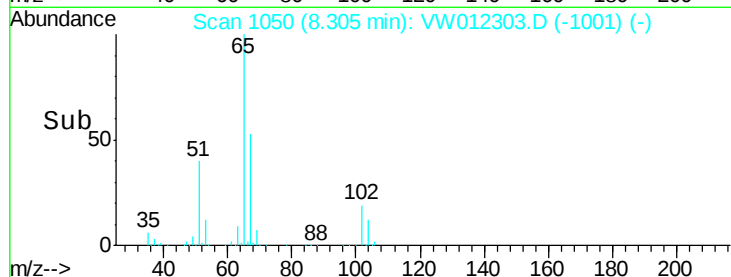
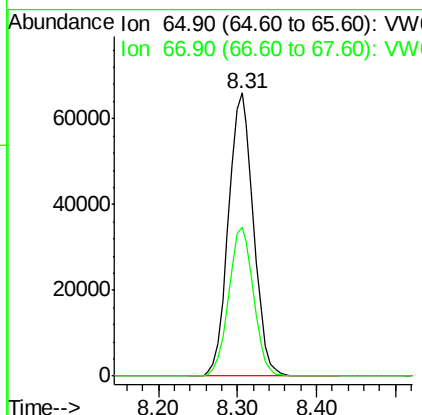
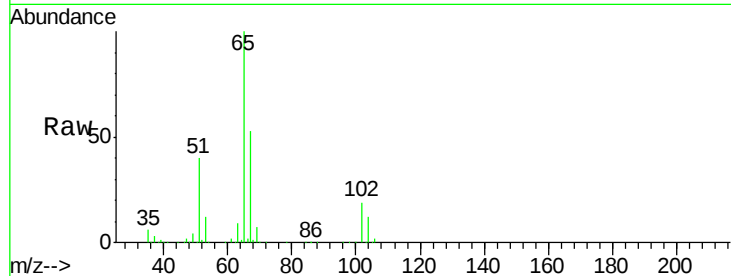




#33
 1,2-Dichloroethane-d4
 Concen: 51.814 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012303.D
 Acq: 29 Aug 2019 15:12

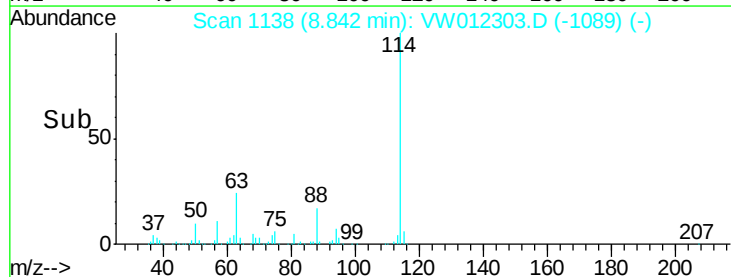
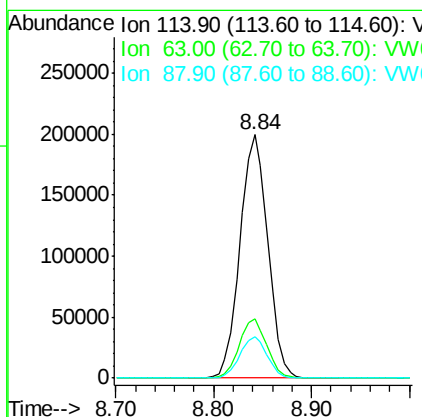
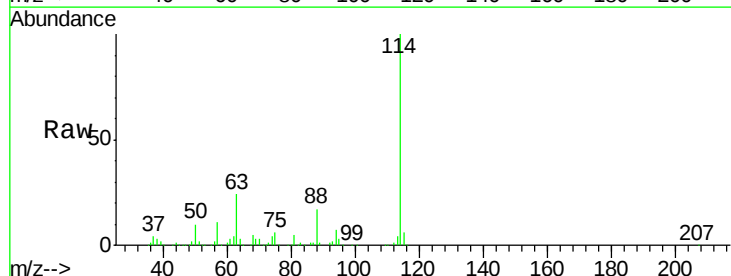
Instrument :
 MSVOA_W
 ClientSampleId :
 S403-K1-1.0-1.5-082819

Tot Ion: 65 Resp: 145183
 Ion Ratio Lower Upper
 65 100
 67 52.3 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: VW012303.D
 Acq: 29 Aug 2019 15:12

Tgt Ion: 114 Resp: 392738
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.6
 88 16.8 0.0 32.2

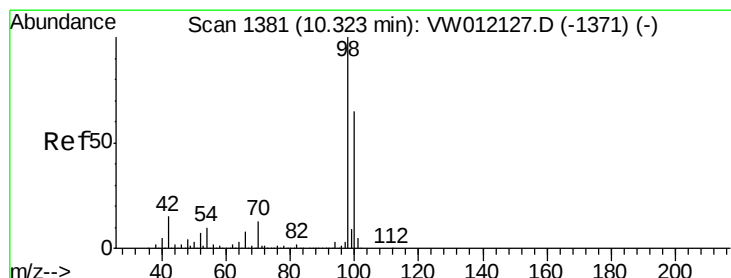
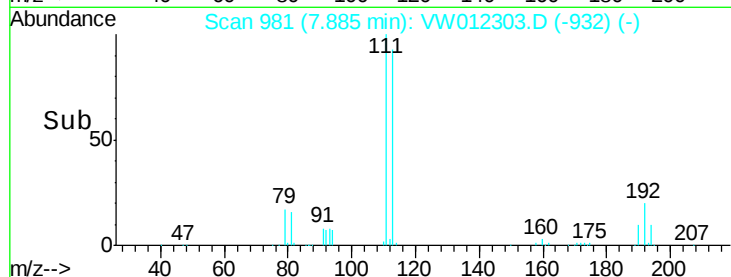
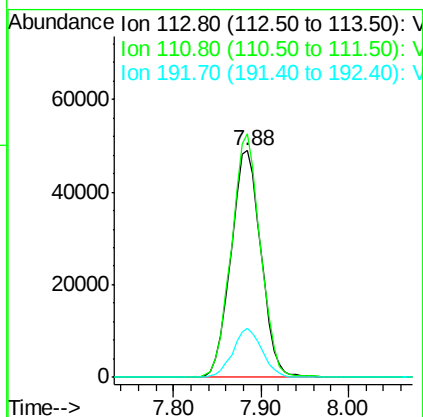
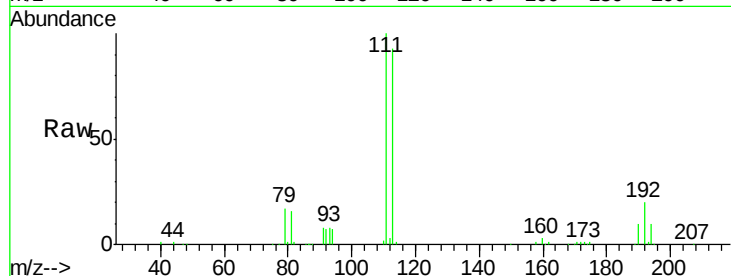




#35
 Dibromofluoromethane
 Concen: 49.921 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012303.D
 Acq: 29 Aug 2019 15:12

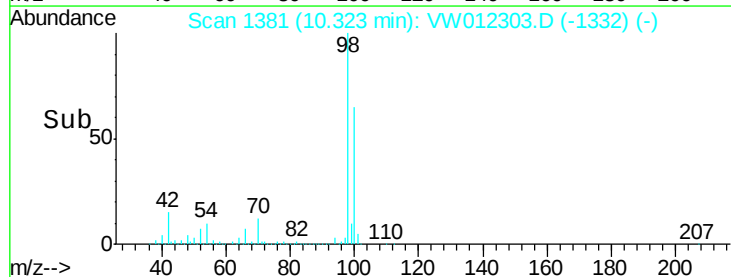
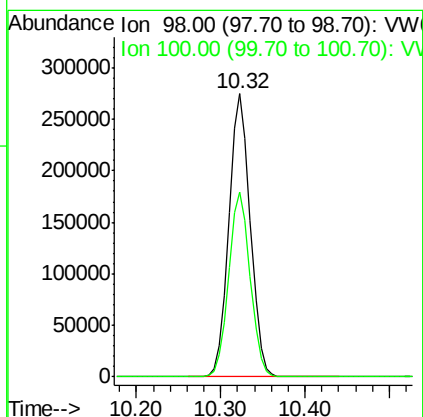
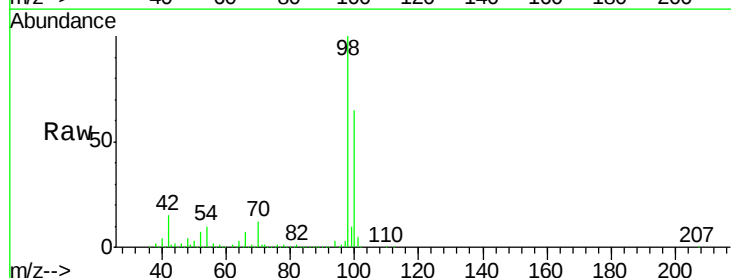
Instrument :
 MSVOA_W
 ClientSampleId :
 S403-K1-1.0-1.5-082819

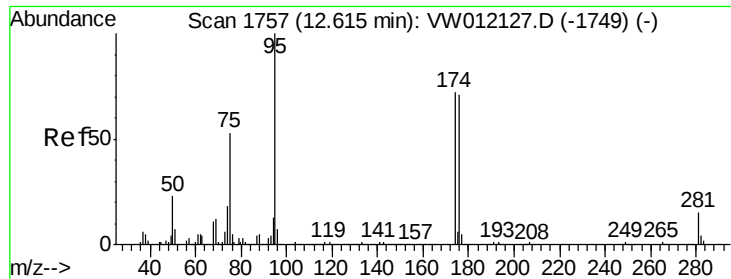
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.7	124.1
192	20.8	16.2	24.2



#50
 Toluene-d8
 Concen: 49.851 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012303.D
 Acq: 29 Aug 2019 15:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6

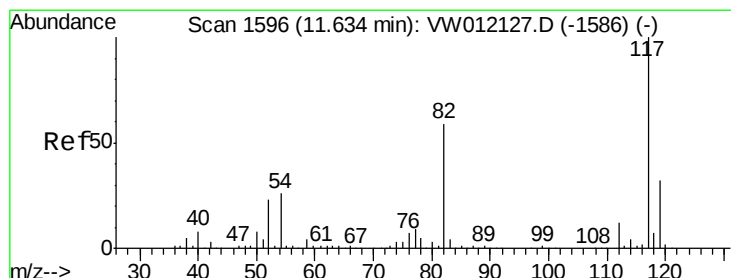
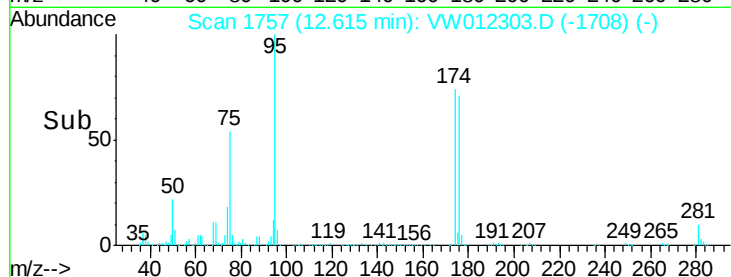
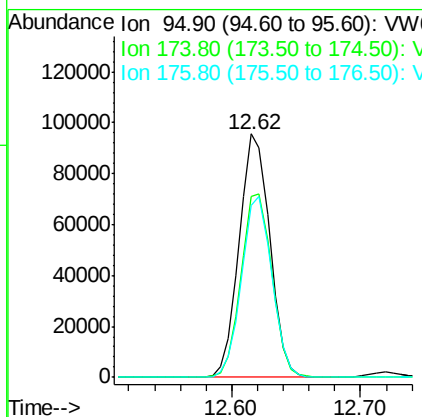
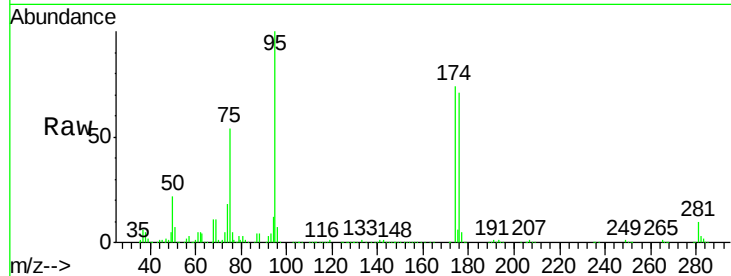




#62
4-Bromofluorobenzene
Concen: 47.031 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012303.D
Acq: 29 Aug 2019 15:12

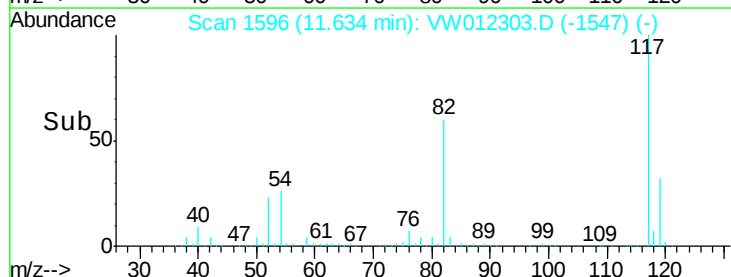
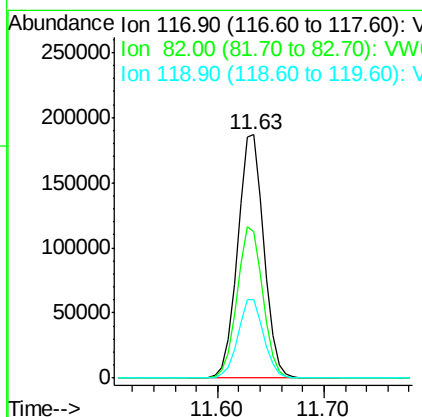
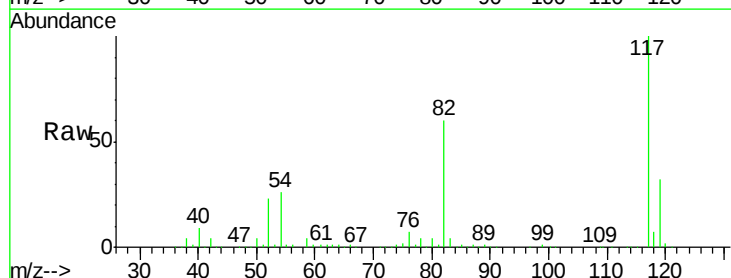
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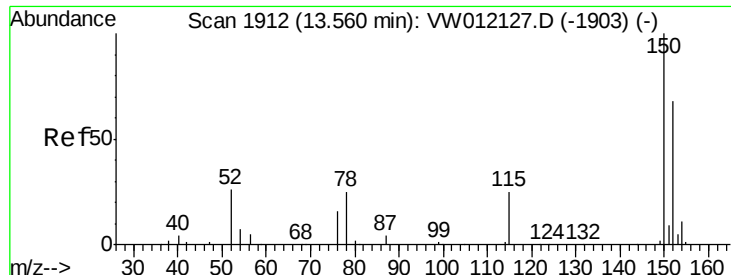
Tot Ion: 95 Resp: 157583
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.8
176 73.2 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012303.D
Acq: 29 Aug 2019 15:12

Tgt Ion: 117 Resp: 322498
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 32.2 25.4 38.2

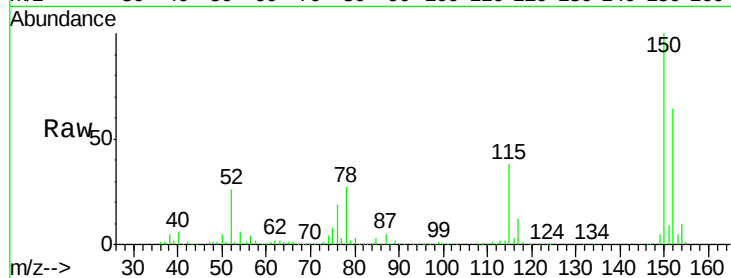




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW012303.D
 Acq: 29 Aug 2019 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 S403-K1-1.0-1.5-082819

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.1	90.3
150	158.0	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

