

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012304.D
 Acq On : 29 Aug 2019 15:38
 Operator : SY/VA
 Sample : K4596-05
 Misc : 4.67G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Aug 30 07:41:50 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

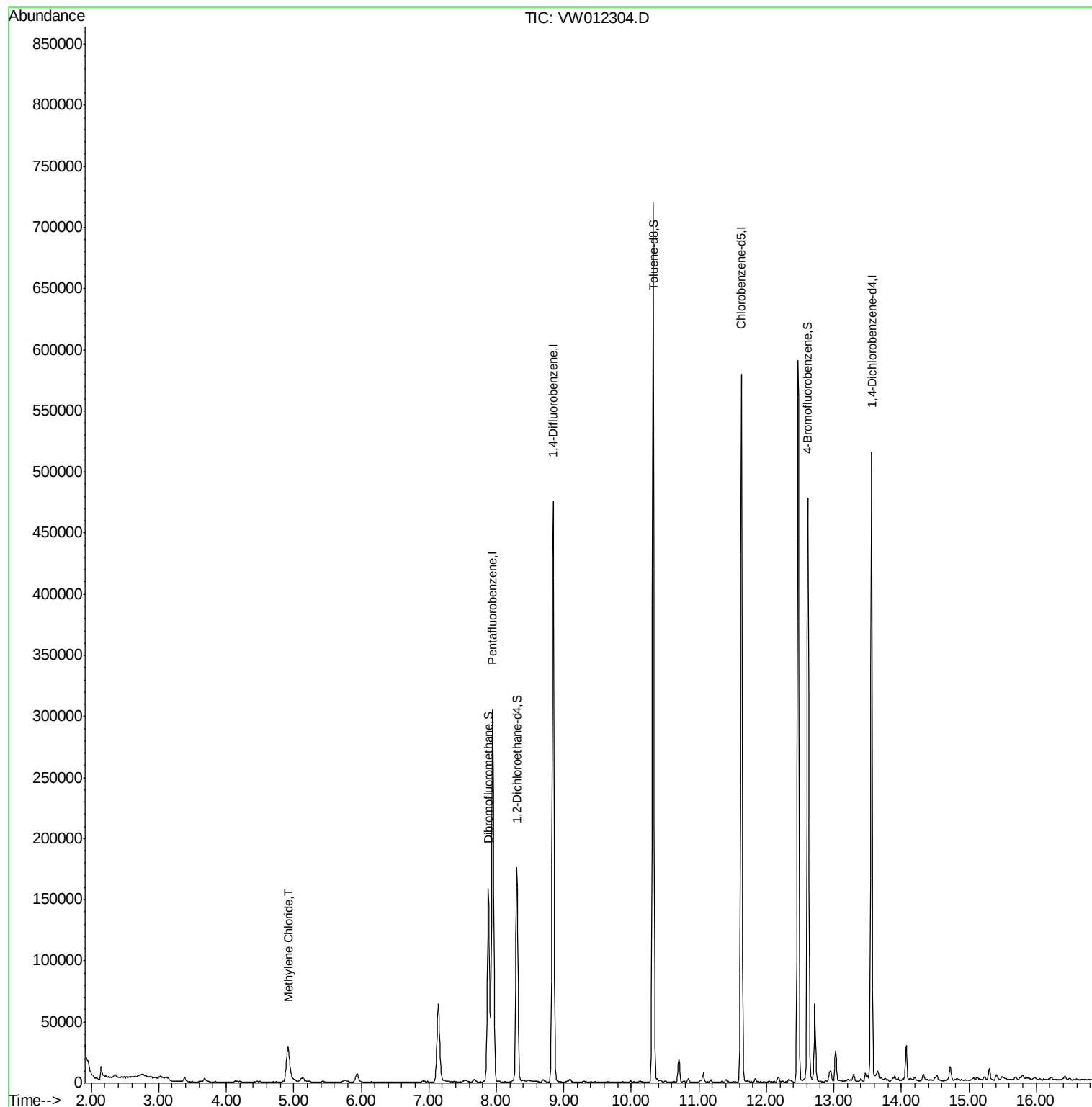
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	370642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125235	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138780	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
35) Dibromofluoromethane	7.88	113	112484	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	10.32	98	447642	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	150433	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
Target Compounds						
20) Methylene Chloride	4.92	84	21235	8.232	ug/l	Qvalue 95

(#) = 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: VW012304.D

Acq: 29 Aug 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

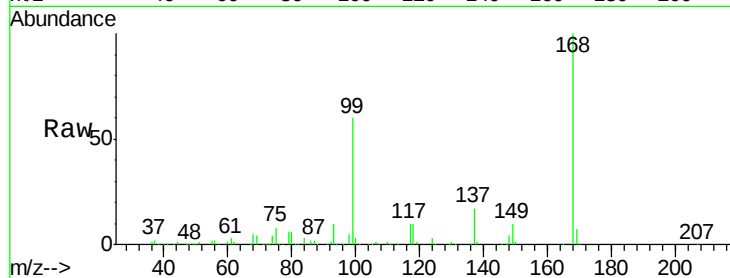
S403-K1-1.0-1.5-082819-FD

Tot Ion:168 Resp: 224557

Ion Ratio Lower Upper

168 100

99 60.3 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

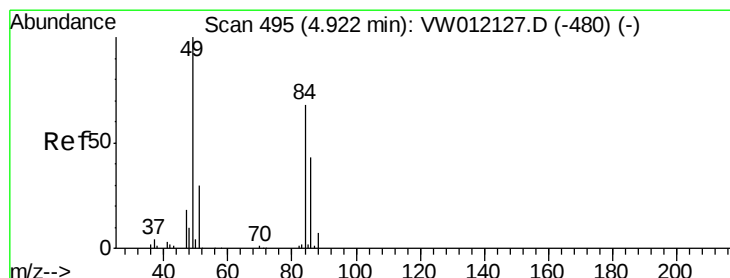
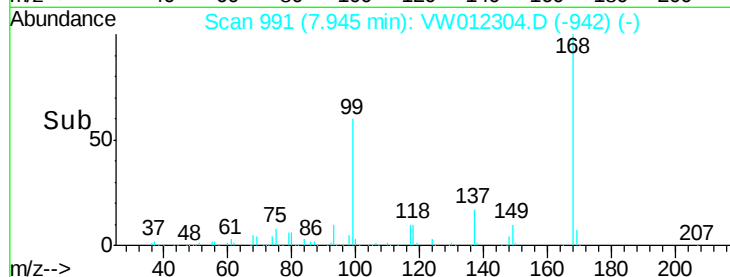
40000

20000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 8.232 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012304.D

Acq: 29 Aug 2019 15:38

Tgt Ion: 84 Resp: 21235

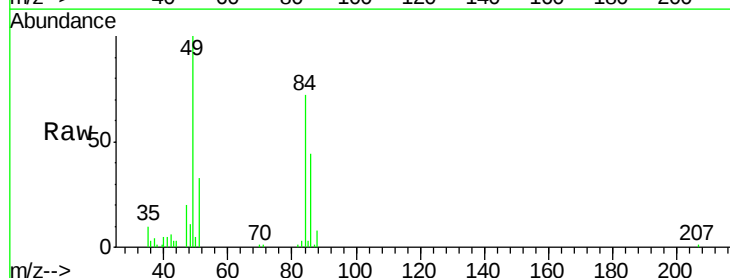
Ion Ratio Lower Upper

84 100

49 138.3 117.8 176.8

51 45.4 35.6 53.4

86 61.0 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

4.92

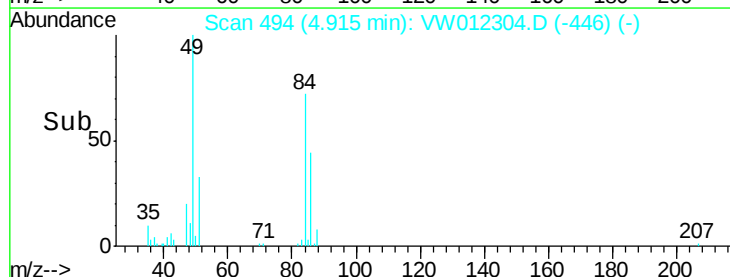
10000

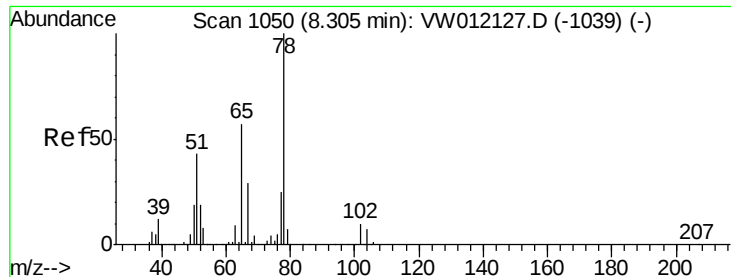
5000

0

4.80 4.90 5.00 5.10

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.989 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012304.D

Acq: 29 Aug 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

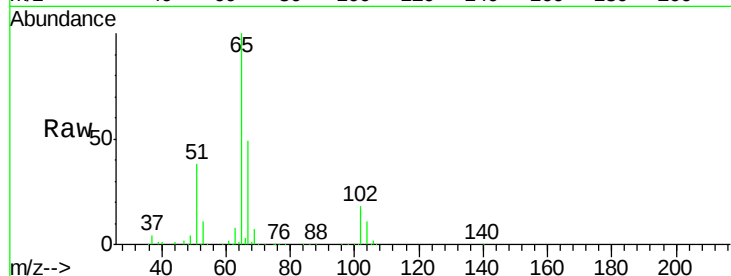
S403-K1-1.0-1.5-082819-FD

Tot Ion: 65 Resp: 138780

Ion Ratio Lower Upper

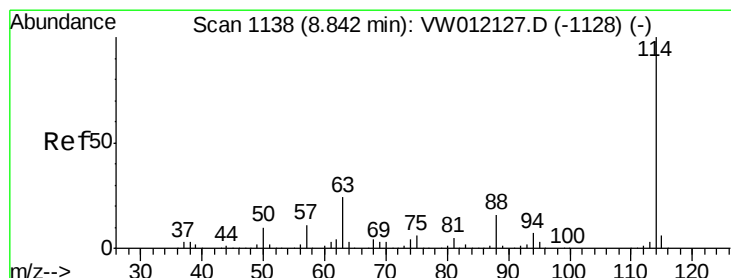
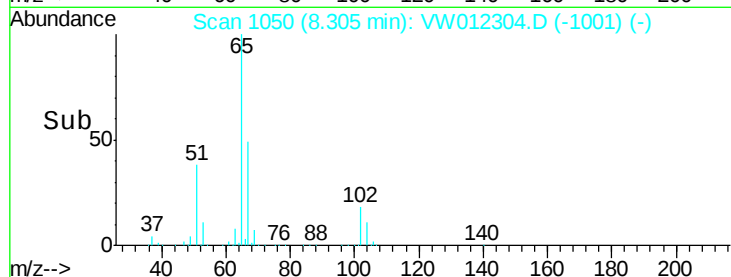
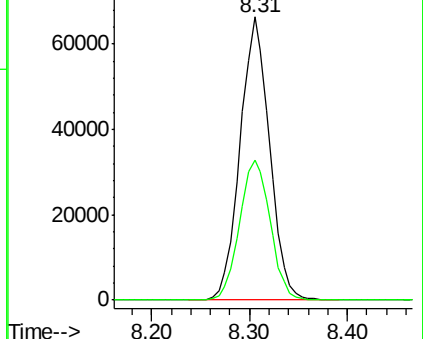
65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012304.D

Acq: 29 Aug 2019 15:38

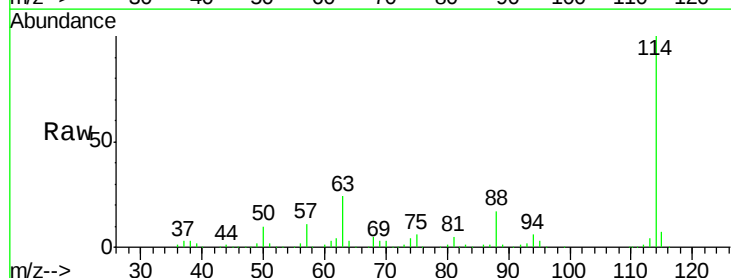
Tgt Ion: 114 Resp: 370642

Ion Ratio Lower Upper

114 100

63 24.1 0.0 48.6

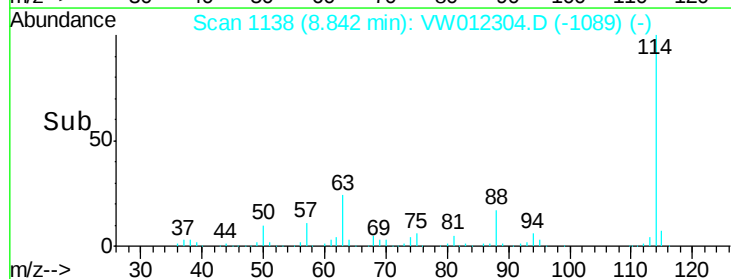
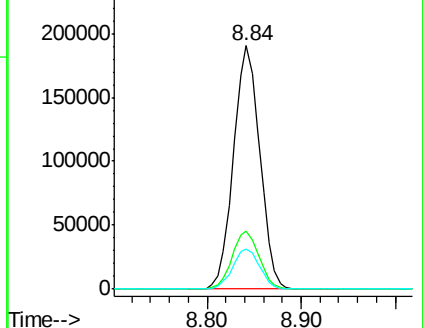
88 16.7 0.0 32.2



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

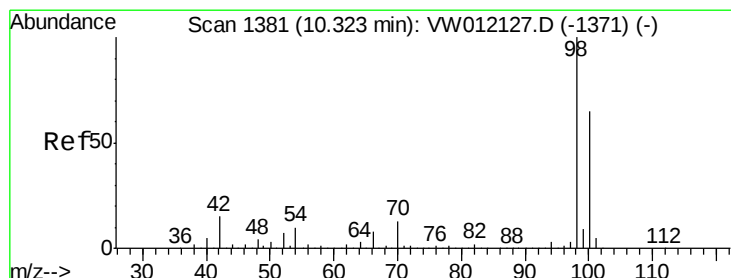
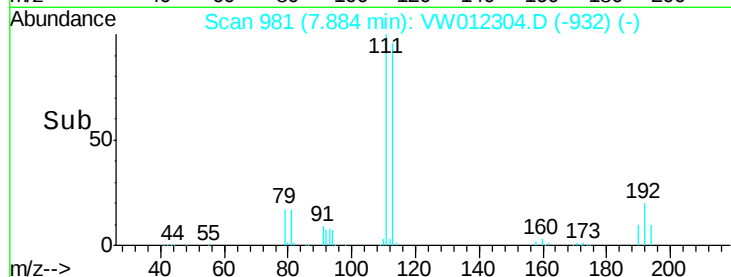
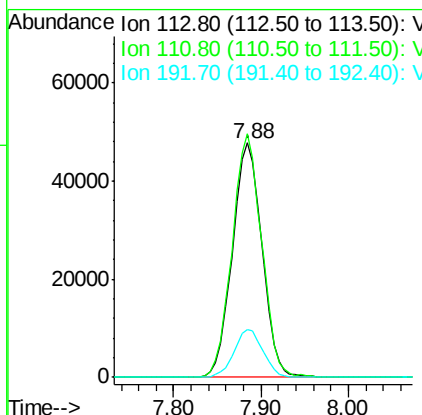
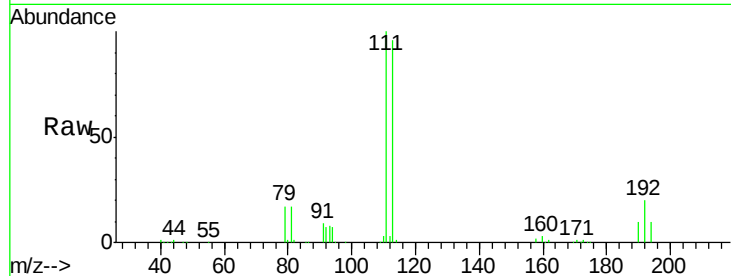




#35
 Dibromofluoromethane
 Concen: 50.843 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012304.D
 Acq: 29 Aug 2019 15:38

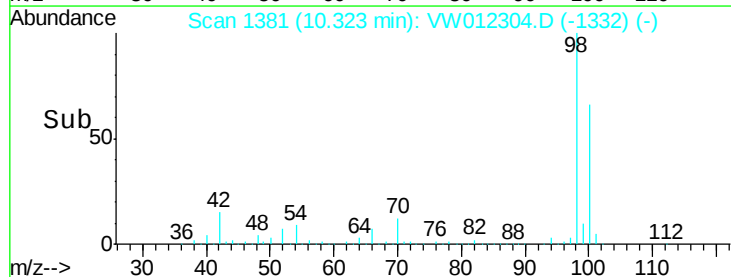
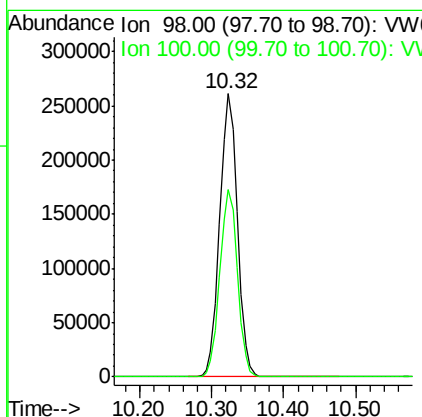
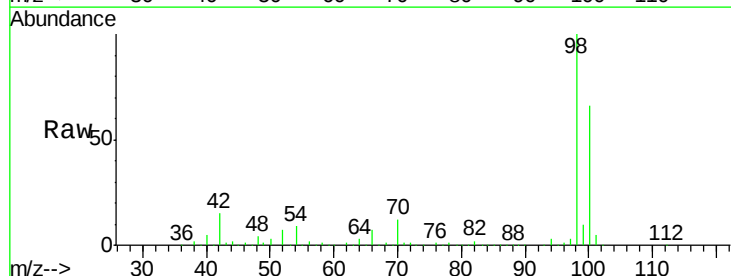
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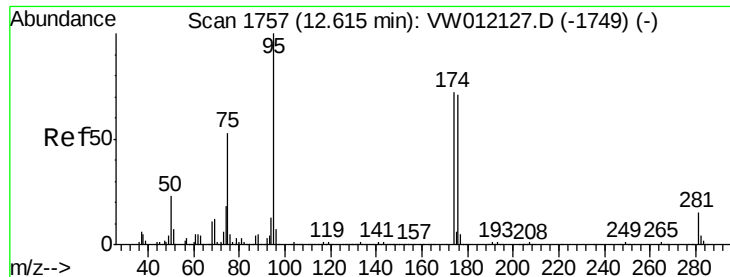
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.7	124.1
192	19.9	16.2	24.2



#50
 Toluene-d8
 Concen: 49.901 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012304.D
 Acq: 29 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6

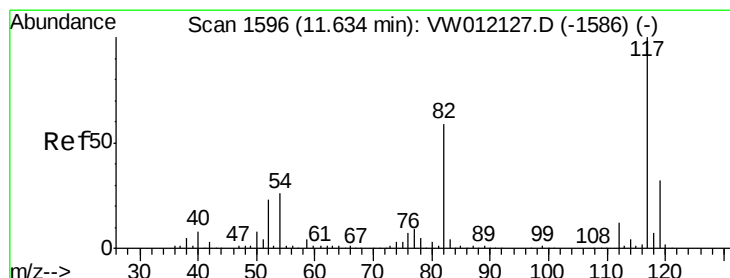
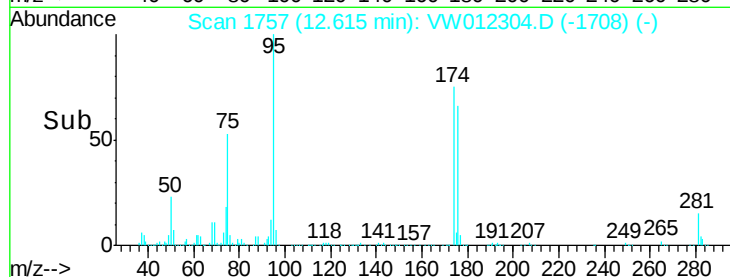
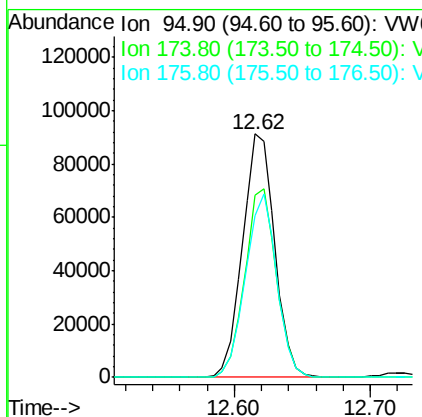
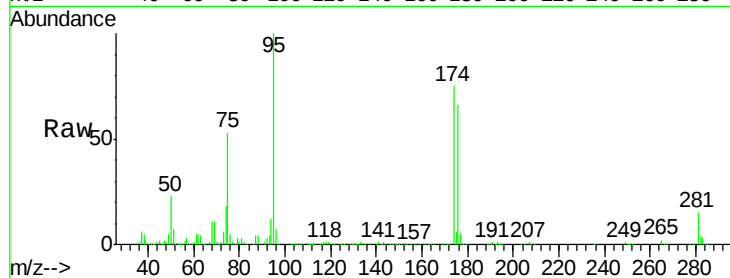




#62
4-Bromofluorobenzene
Concen: 47.574 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012304.D
Acq: 29 Aug 2019 15:38

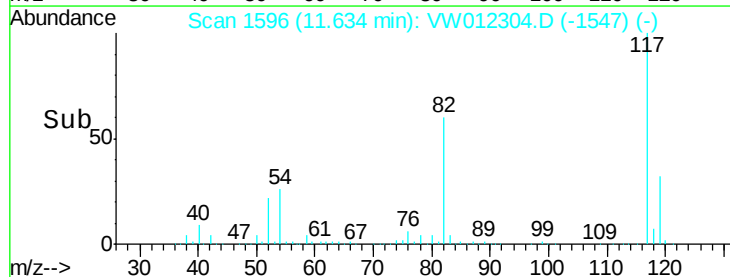
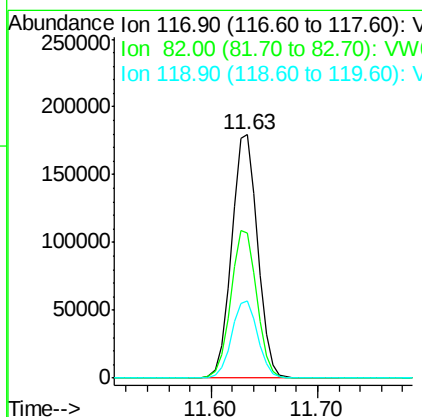
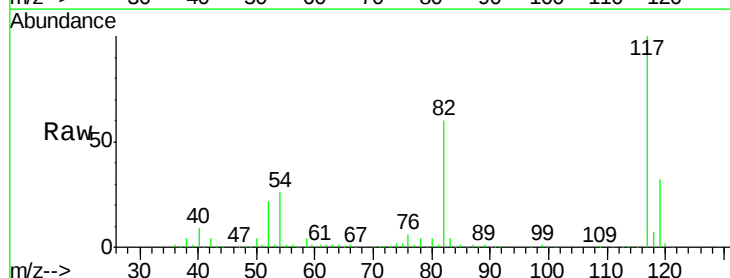
Instrument :
MSVOA_W
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

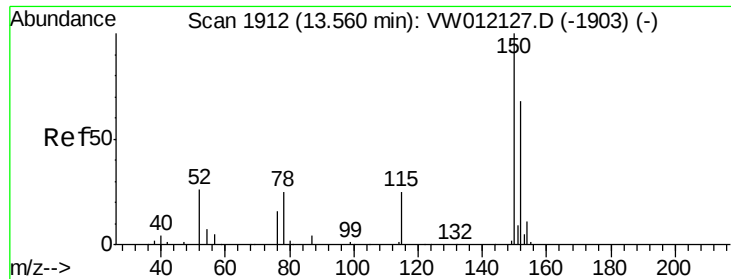
Tot Ion: 95 Resp: 150433
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.8
176 73.5 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012304.D
Acq: 29 Aug 2019 15:38

Tgt Ion: 117 Resp: 307599
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.8 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: VW012304.D

Acq: 29 Aug 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

S403-K1-1.0-1.5-082819-FD

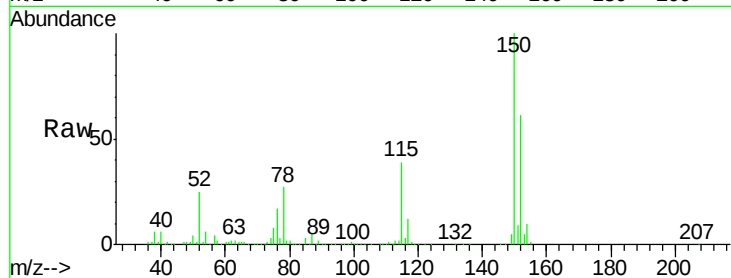
Tot Ion:152 Resp: 125235

Ion Ratio Lower Upper

152 100

115 61.8 30.1 90.3

150 158.9 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

