

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW020119\
 Data File : VW008479.D
 Acq On : 01 Feb 2019 14:11
 Operator : SY/VA
 Sample : K1308-02
 Misc : 6.01G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-18(34.5-35)

Quant Time: Feb 05 04:46:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

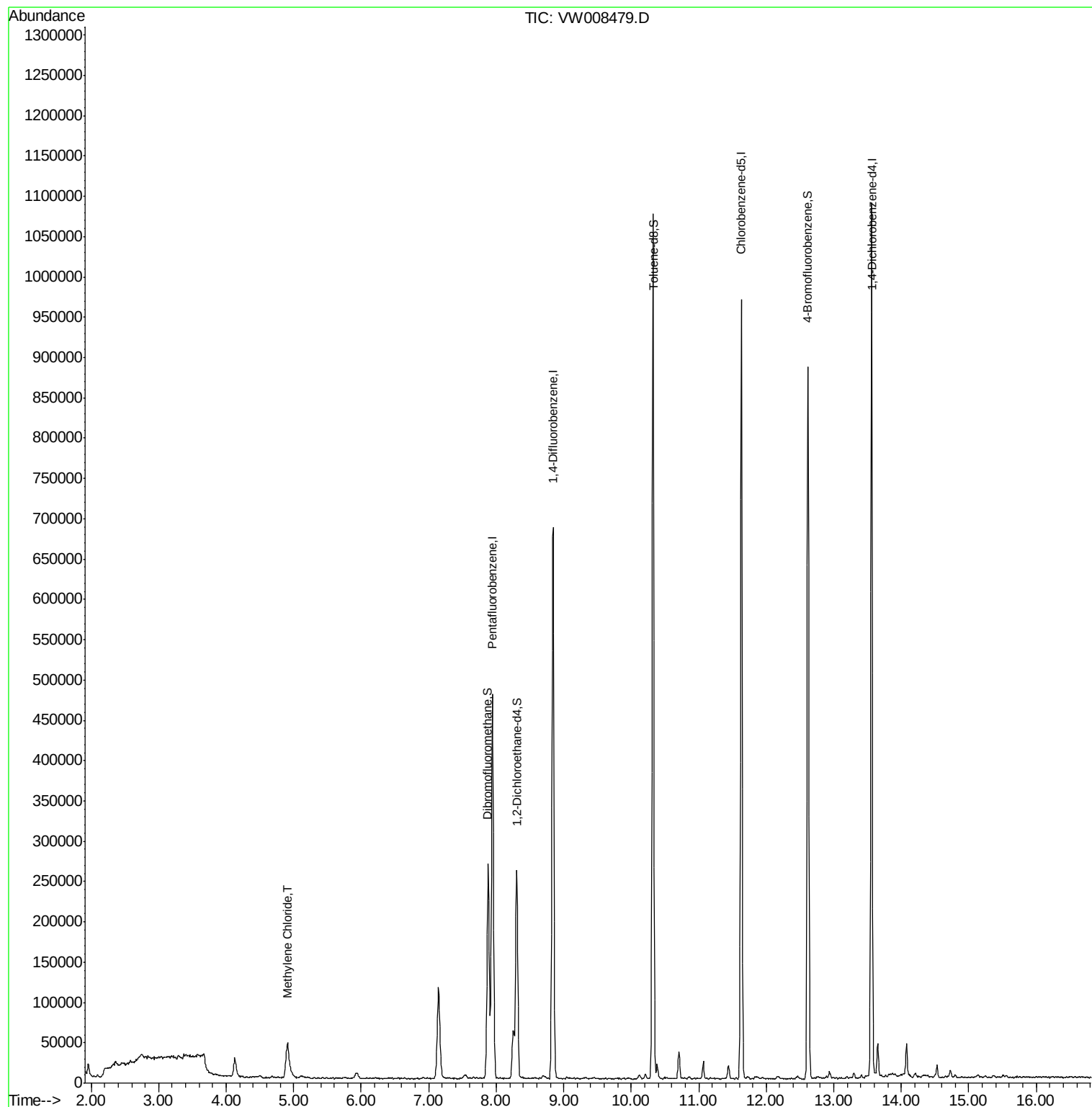
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	373202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	597150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	541956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	278000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	192517	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
35) Dibromofluoromethane	7.88	113	186369	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
50) Toluene-d8	10.32	98	703962	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	266866	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
Target Compounds						
20) Methylene Chloride	4.91	84	36243	9.551	ug/l	Qvalue 90

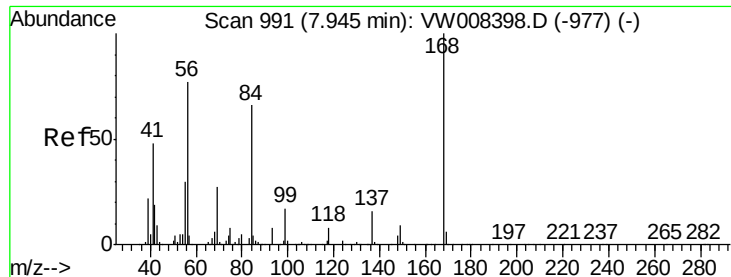
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008479.D

Acq: 01 Feb 2019 14:11

Instrument :

MSVOA_W

ClientSampleId :

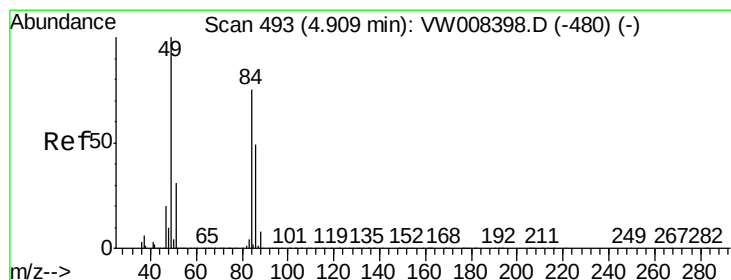
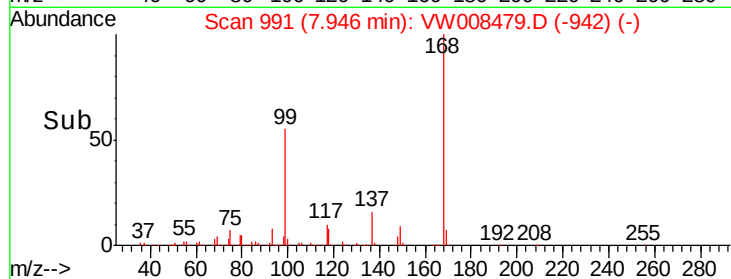
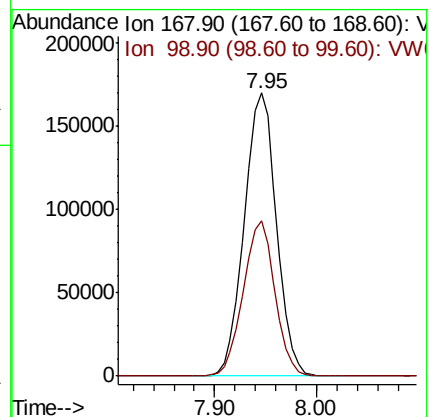
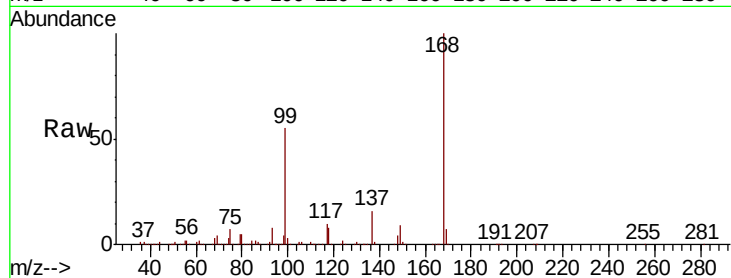
SB-18(34.5-35)

Tot Ion:168 Resp: 373202

Ion Ratio Lower Upper

168 100

99 54.7 45.5 68.3



#20

Methylene Chloride

Concen: 9.551 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008479.D

Acq: 01 Feb 2019 14:11

Tgt Ion: 84 Resp: 36243

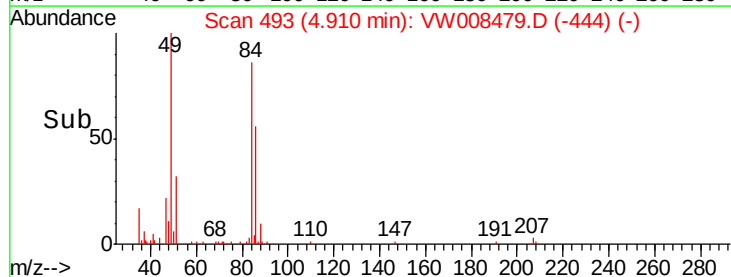
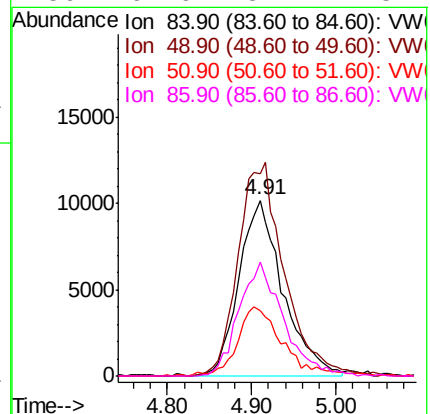
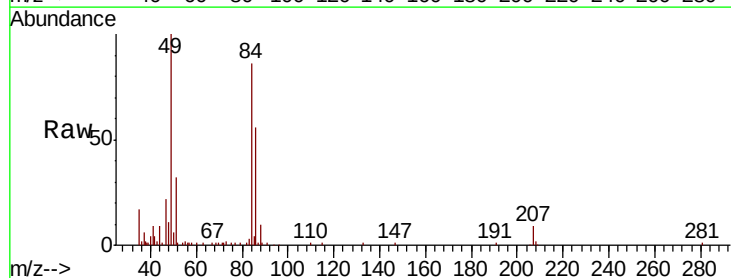
Ion Ratio Lower Upper

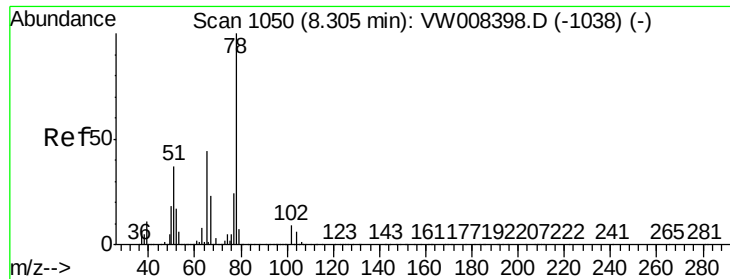
84 100

49 115.6 106.8 160.2

51 36.7 32.9 49.3

86 64.9 52.2 78.2

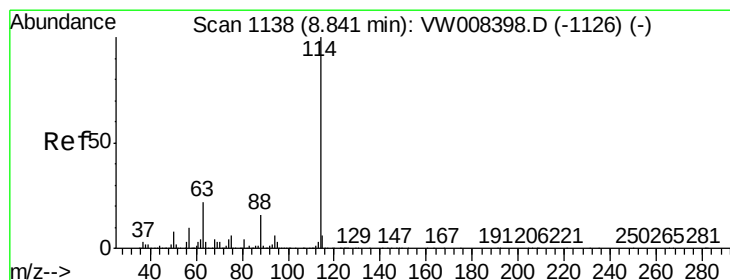
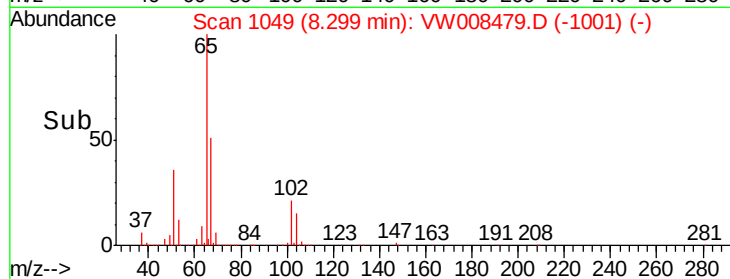
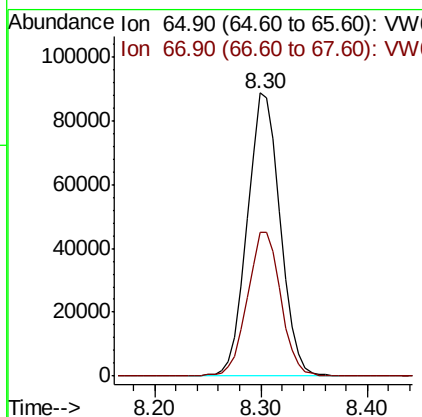
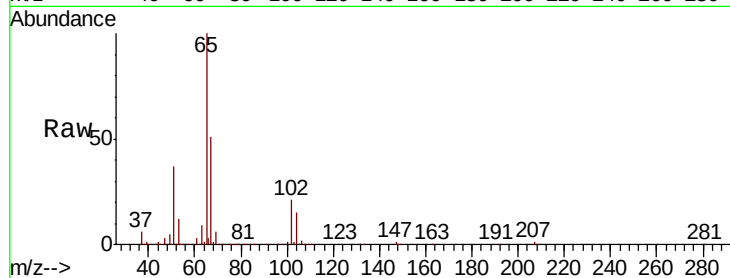




#33
 1,2-Dichloroethane-d4
 Concen: 52.509 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008479.D
 Acq: 01 Feb 2019 14:11

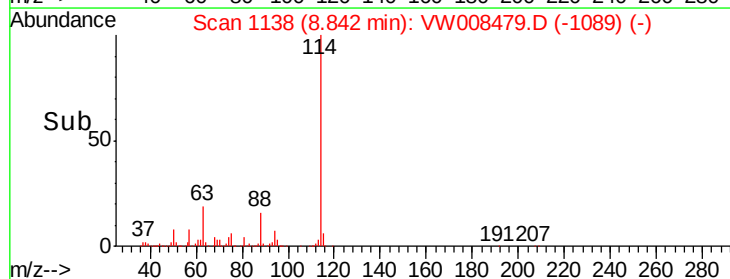
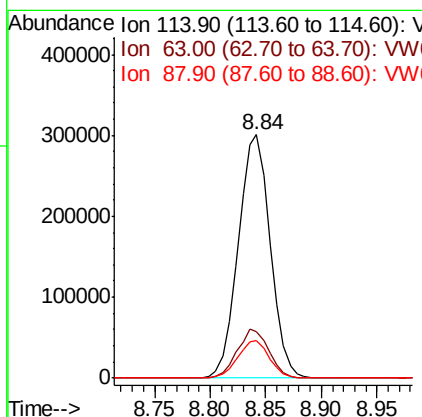
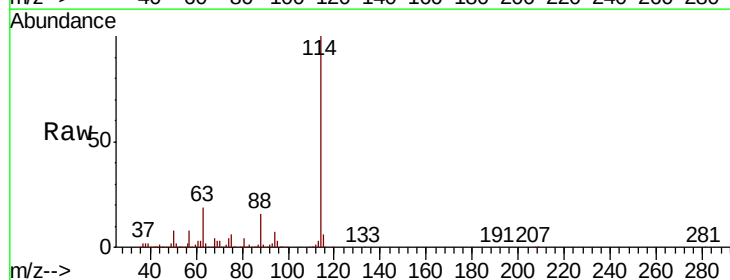
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-18(34.5-35)

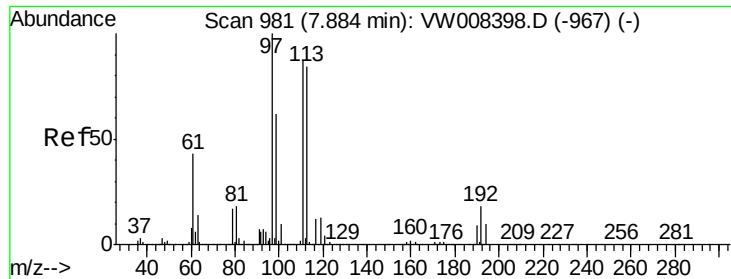
Tot Ion: 65 Resp: 192517
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008479.D
 Acq: 01 Feb 2019 14:11

Tgt Ion: 114 Resp: 597150
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.6
 88 15.7 0.0 31.8

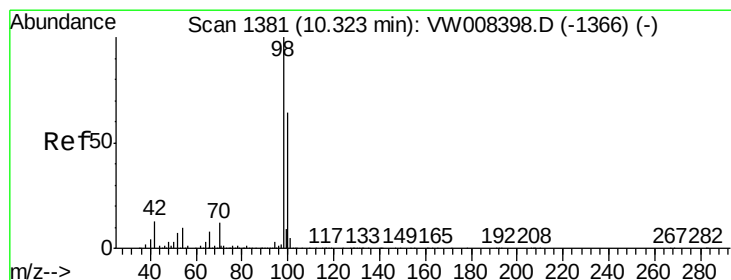
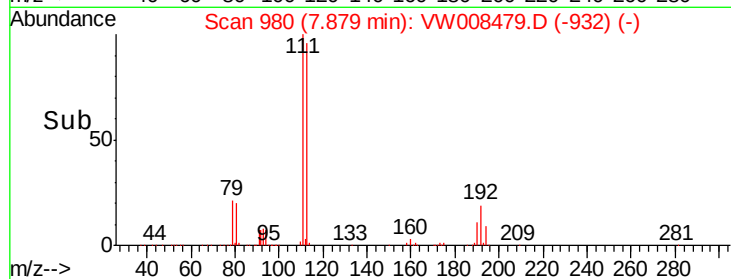
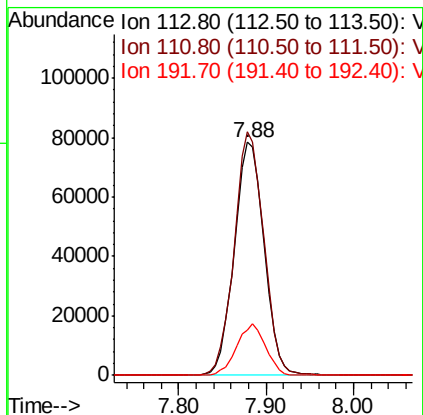
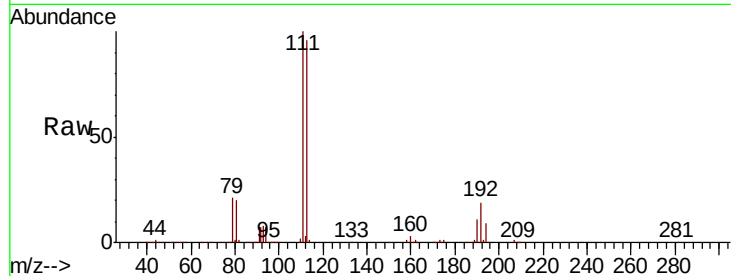




#35
 Dibromofluoromethane
 Concen: 53.374 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008479.D
 Acq: 01 Feb 2019 14:11

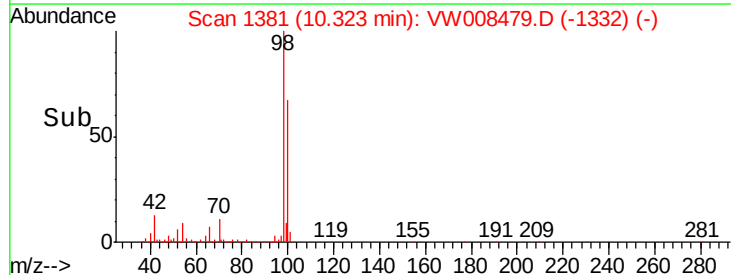
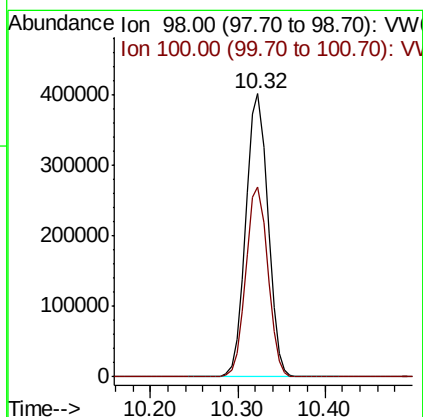
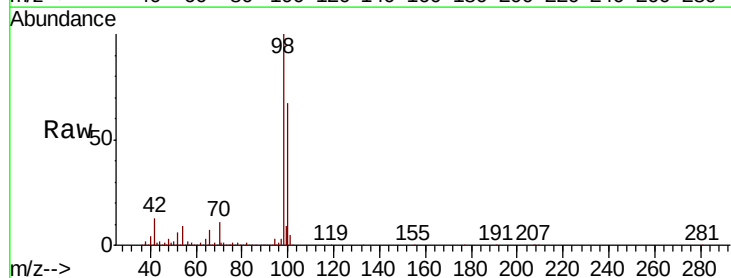
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-18(34.5-35)

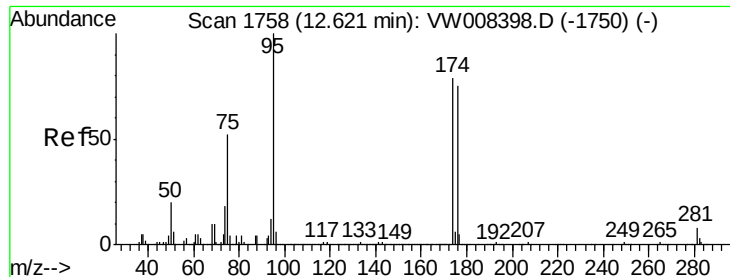
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.0	121.4
192	21.4	16.8	25.2



#50
 Toluene-d8
 Concen: 50.276 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008479.D
 Acq: 01 Feb 2019 14:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 49.584 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008479.D

Acq: 01 Feb 2019 14:11

Instrument :

MSVOA_W

ClientSampleId :

SB-18(34.5-35)

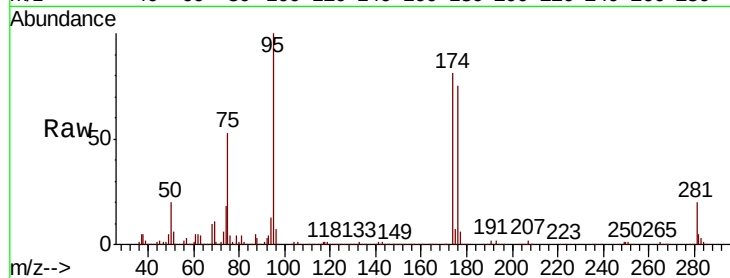
Tot Ion: 95 Resp: 266866

Ion Ratio Lower Upper

95 100

174 83.9 0.0 157.6

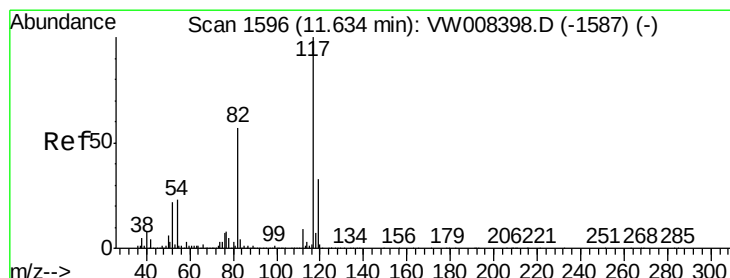
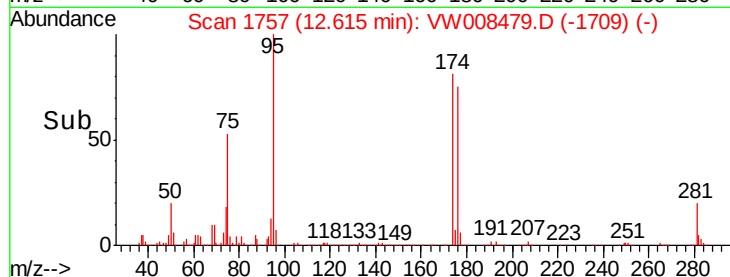
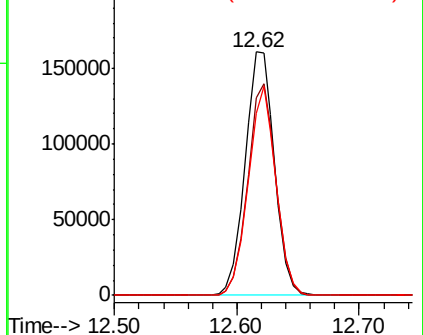
176 81.3 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008479.D

Acq: 01 Feb 2019 14:11

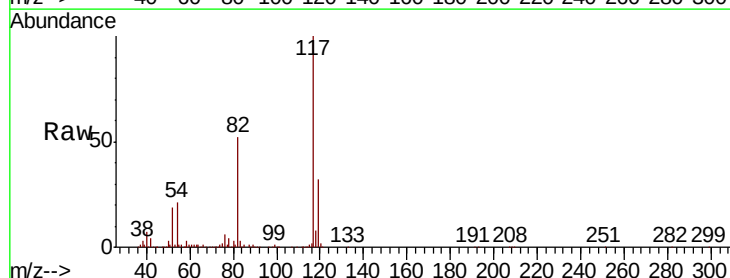
Tgt Ion: 117 Resp: 541956

Ion Ratio Lower Upper

117 100

82 52.4 45.4 68.0

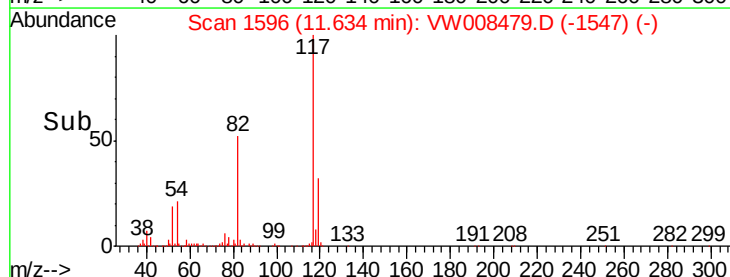
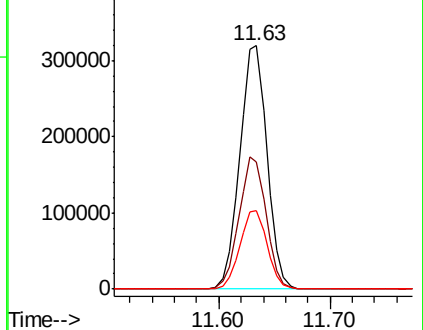
119 32.3 26.2 39.4

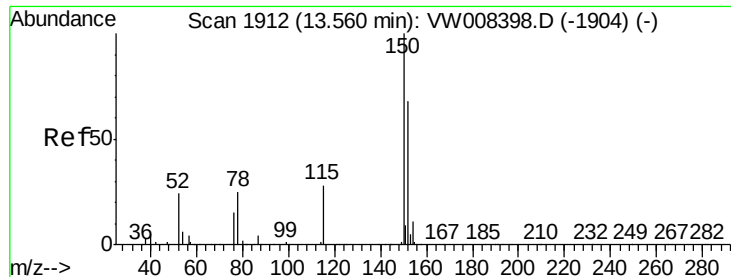


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008479.D

Acq: 01 Feb 2019 14:11

Instrument :

MSVOA_W

ClientSampleId :

SB-18(34.5-35)

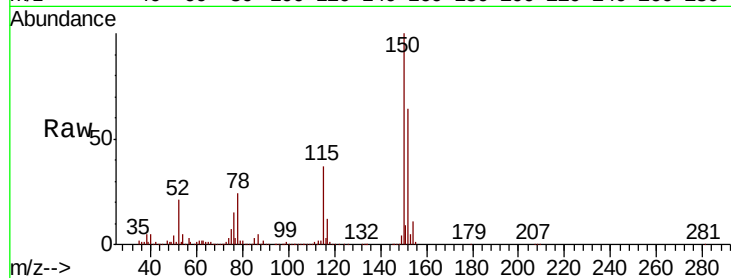
Tot Ion:152 Resp: 278000

Ion Ratio Lower Upper

152 100

115 57.5 29.9 89.7

150 157.6 0.0 351.4



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

