

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111219\
 Data File : VW013979.D
 Acq On : 12 Nov 2019 16:56
 Operator : SY/VA
 Sample : K5722-16
 Misc : 9.31G/5.0ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2-C

Quant Time: Nov 13 07:28:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

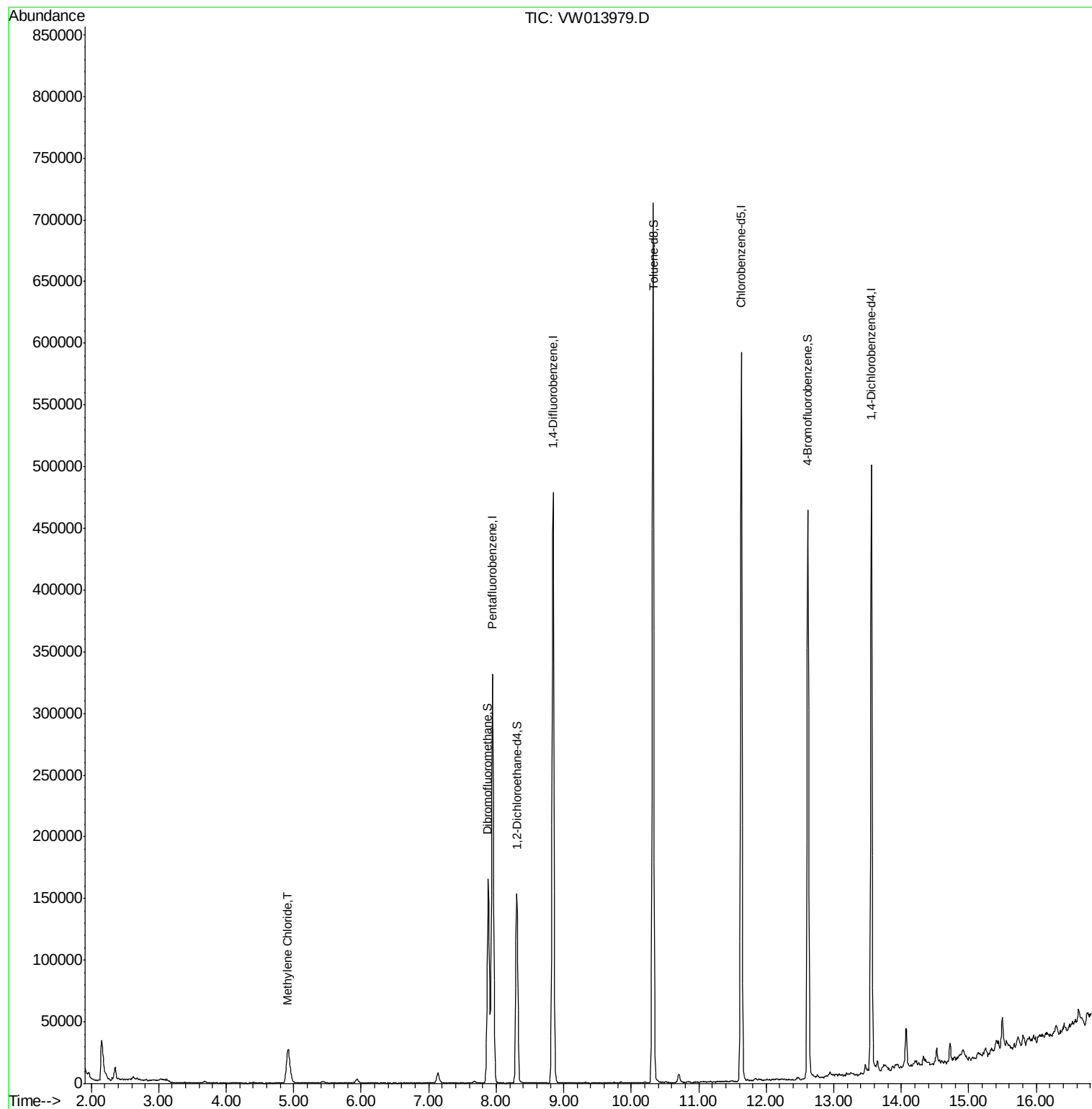
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	275960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	424123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	121343	58.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.24%	
35) Dibromofluoromethane	7.88	113	123662	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
50) Toluene-d8	10.32	98	485938	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.62	95	149316	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
Target Compounds						
20) Methylene Chloride	4.92	84	25388	6.369	ug/l	Qvalue 93

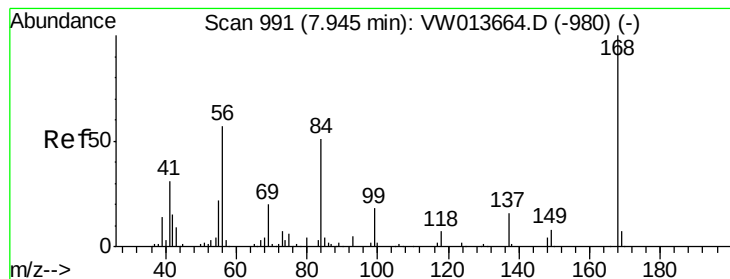
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013979.D

Acq: 12 Nov 2019 16:56

Instrument :

MSVOA_W

ClientSampled :

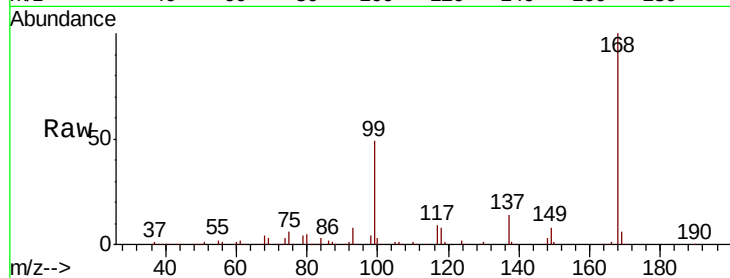
2-C

Tot Ion:168 Resp: 275960

Ion Ratio Lower Upper

168 100

99 49.2 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

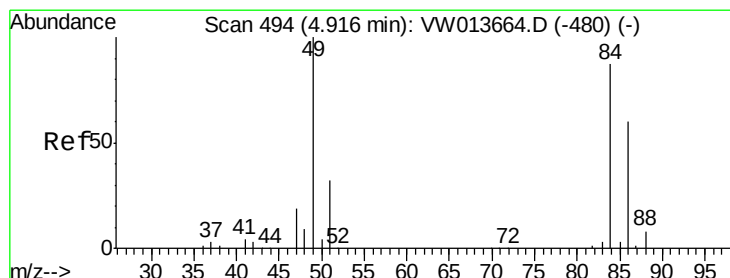
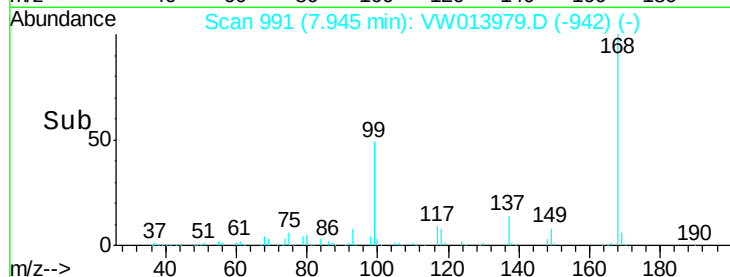
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.369 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW013979.D

Acq: 12 Nov 2019 16:56

Tgt Ion: 84 Resp: 25388

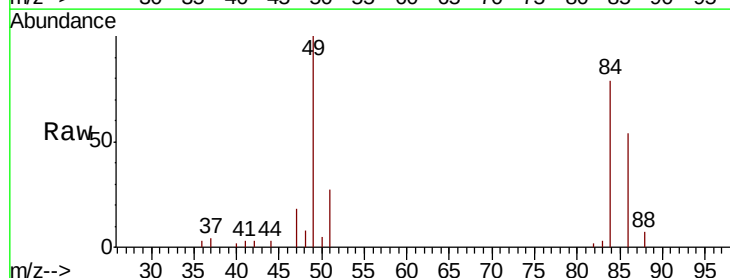
Ion Ratio Lower Upper

84 100

49 126.8 91.8 137.6

51 34.1 29.8 44.6

86 68.7 55.2 82.8



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

12000

10000

8000

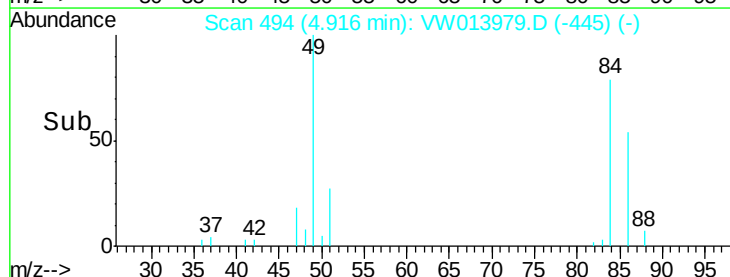
6000

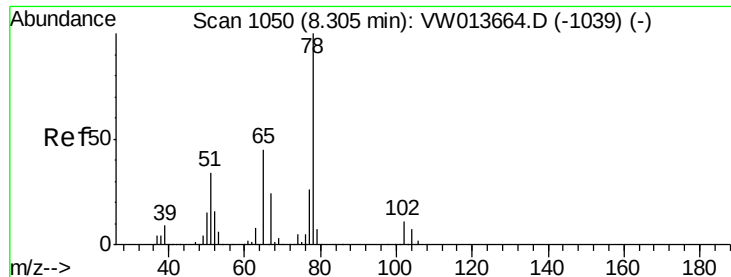
4000

2000

0

Time--> 4.80 4.90 5.00

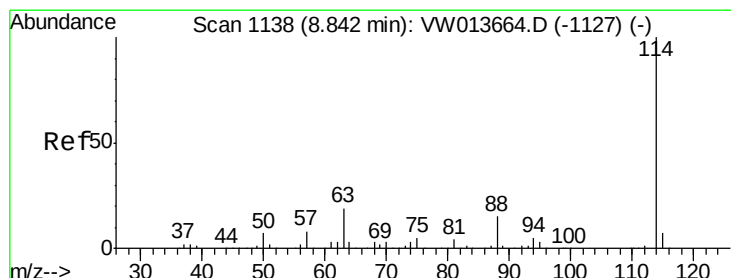
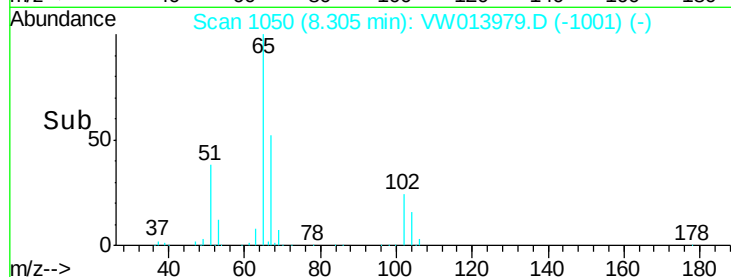
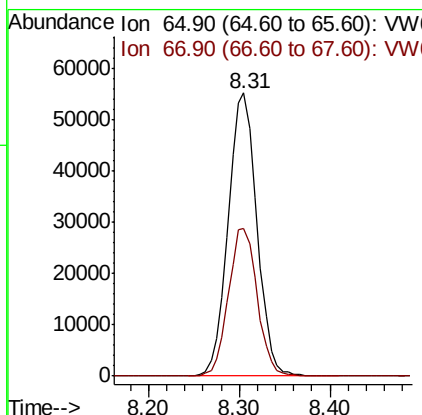
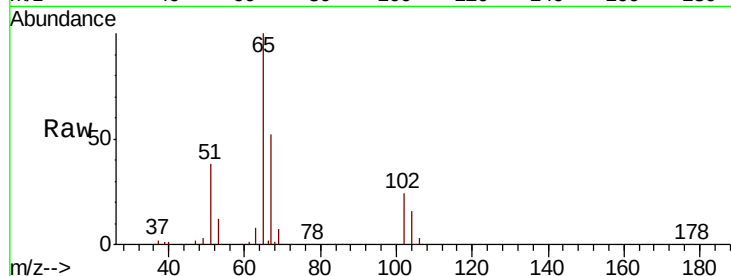




#33
 1,2-Dichloroethane-d4
 Concen: 58.616 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013979.D
 Acq: 12 Nov 2019 16:56

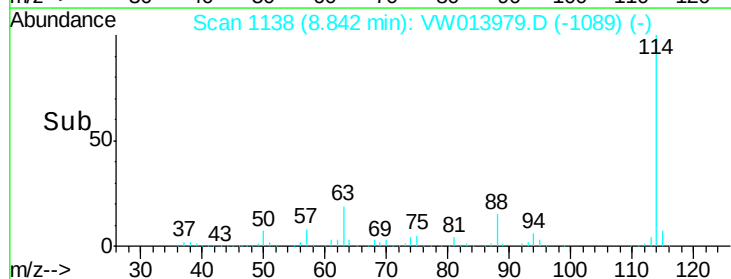
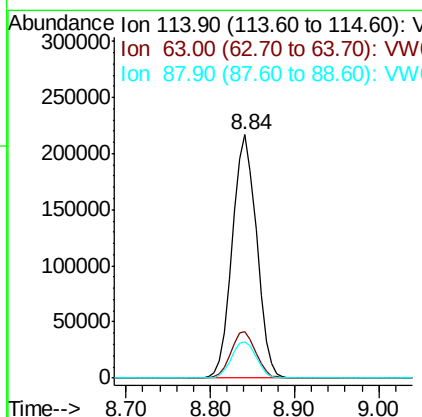
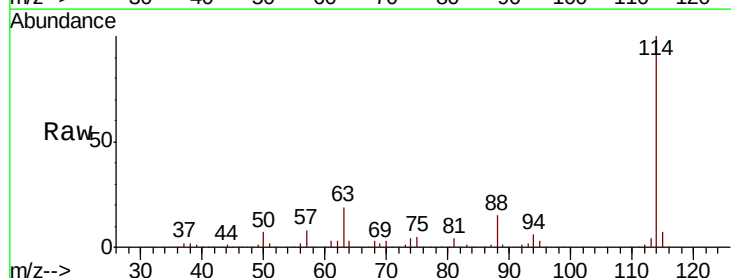
Instrument :
 MSVOA_W
 ClientSampleId :
 2-C

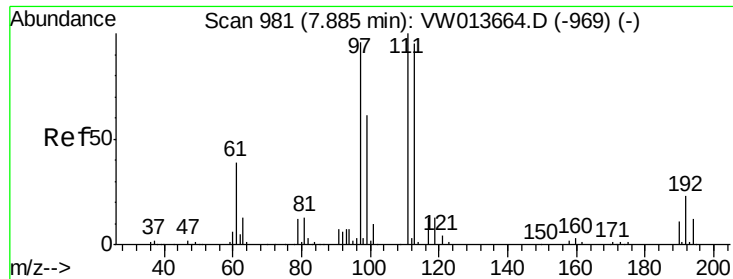
Tot Ion: 65 Resp: 121343
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013979.D
 Acq: 12 Nov 2019 16:56

Tgt Ion: 114 Resp: 424123
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.6
 88 14.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.473 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013979.D

Acq: 12 Nov 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
2-C

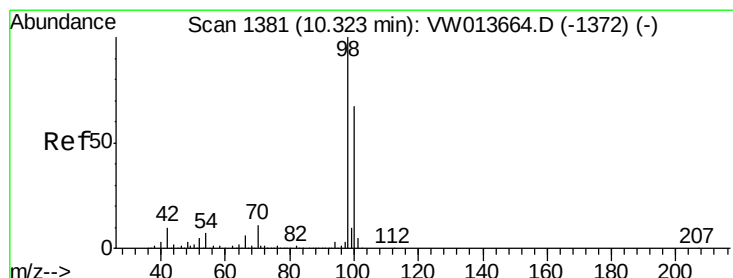
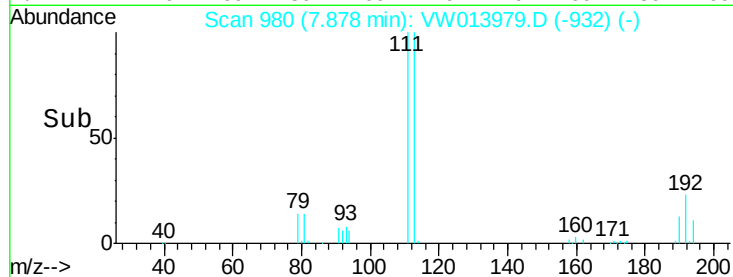
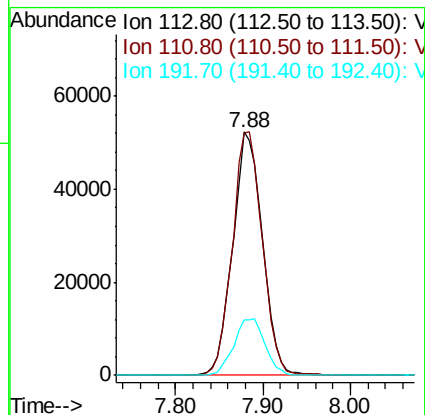
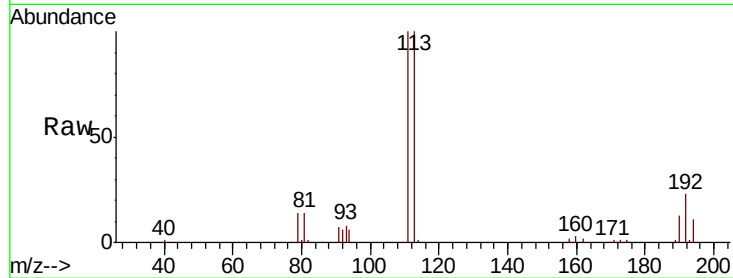
Tot Ion:113 Resp: 123662

Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.6

192 24.5 19.4 29.2



#50

Toluene-d8

Concen: 50.604 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013979.D

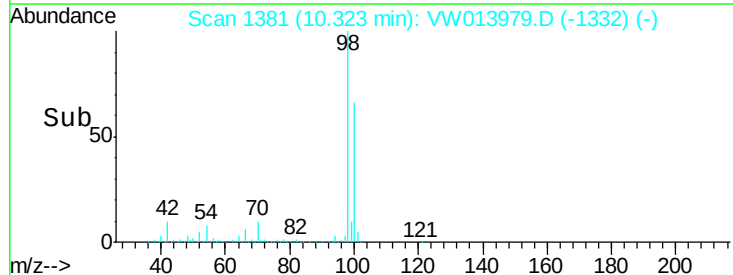
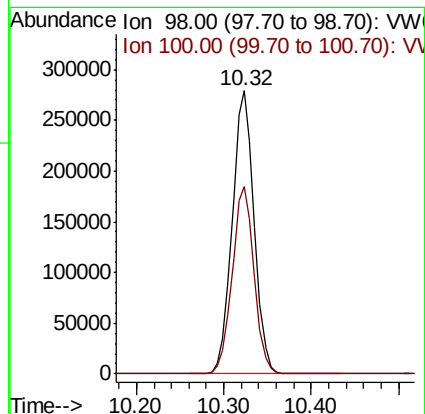
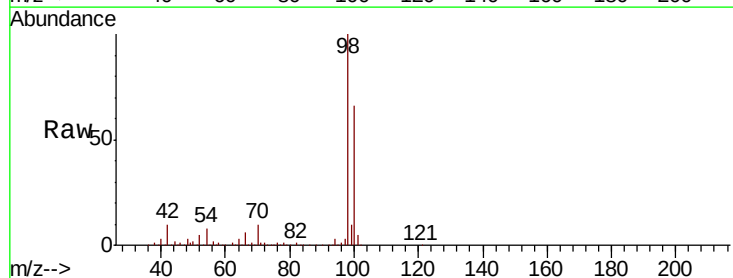
Acq: 12 Nov 2019 16:56

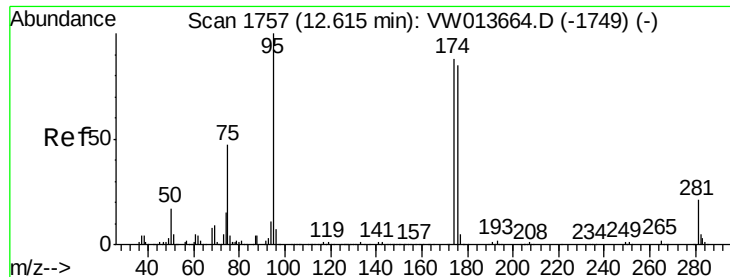
Tgt Ion: 98 Resp: 485938

Ion Ratio Lower Upper

98 100

100 66.0 53.4 80.0

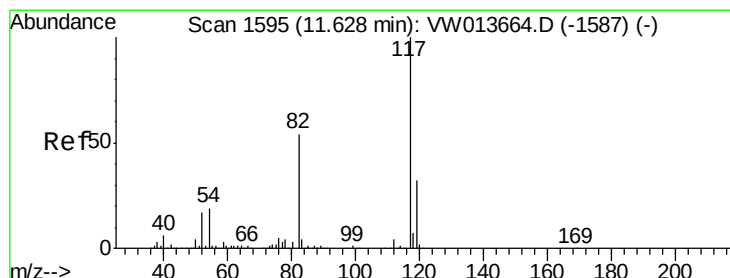
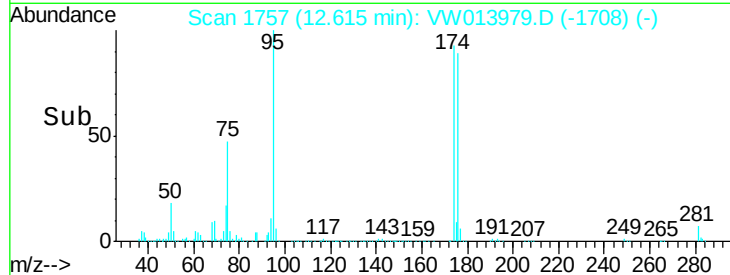
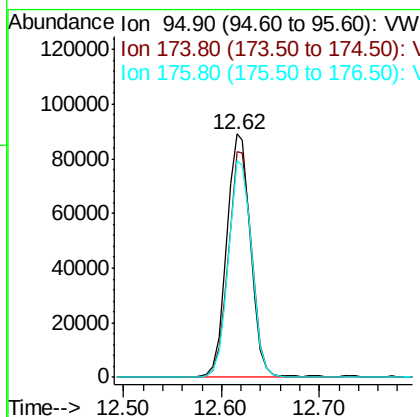
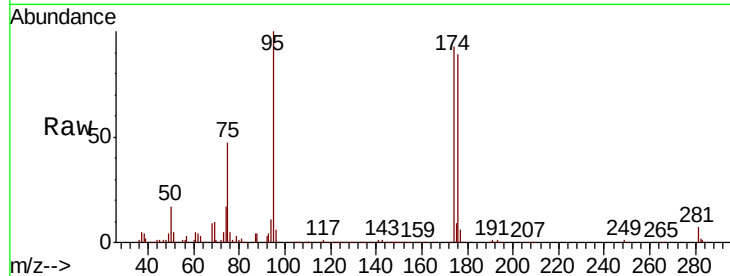




#62
4-Bromofluorobenzene
Concen: 45.922 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013979.D
Acq: 12 Nov 2019 16:56

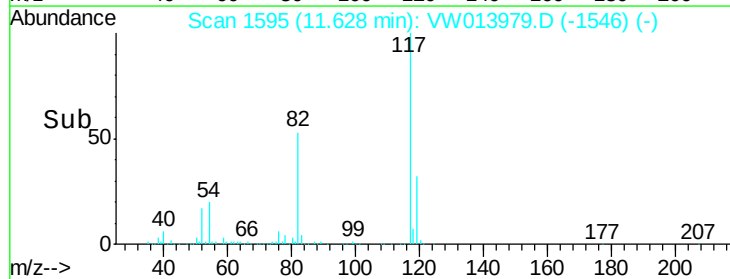
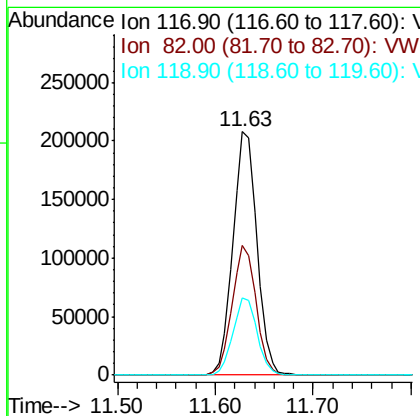
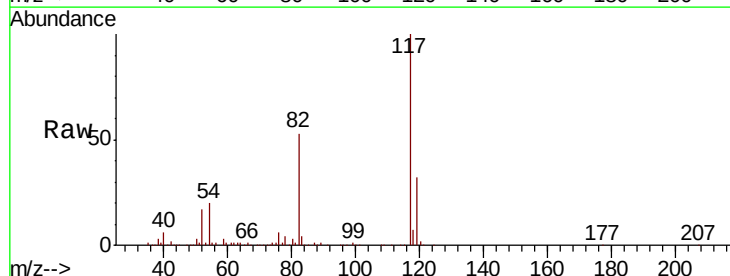
Instrument :
MSVOA_W
ClientSampleId :
2-C

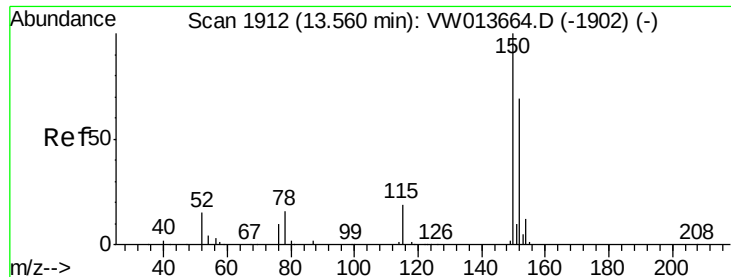
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	183.6
176	87.5	0.0	178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013979.D
Acq: 12 Nov 2019 16:56

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.6	65.4
119	31.7	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: VW013979.D

Acq: 12 Nov 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

2-C

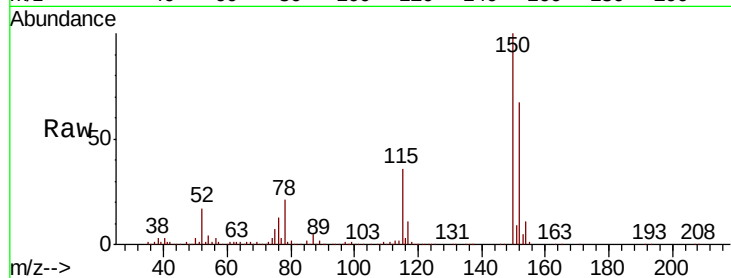
Tot Ion:152 Resp: 142466

Ion Ratio Lower Upper

152 100

115 55.5 27.4 82.2

150 155.8 0.0 345.4



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

