

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012213.D
 Acq On : 27 Aug 2019 15:35
 Operator : SY/VA
 Sample : K4521-09
 Misc : 3.90G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-12

Quant Time: Aug 28 06:06:29 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

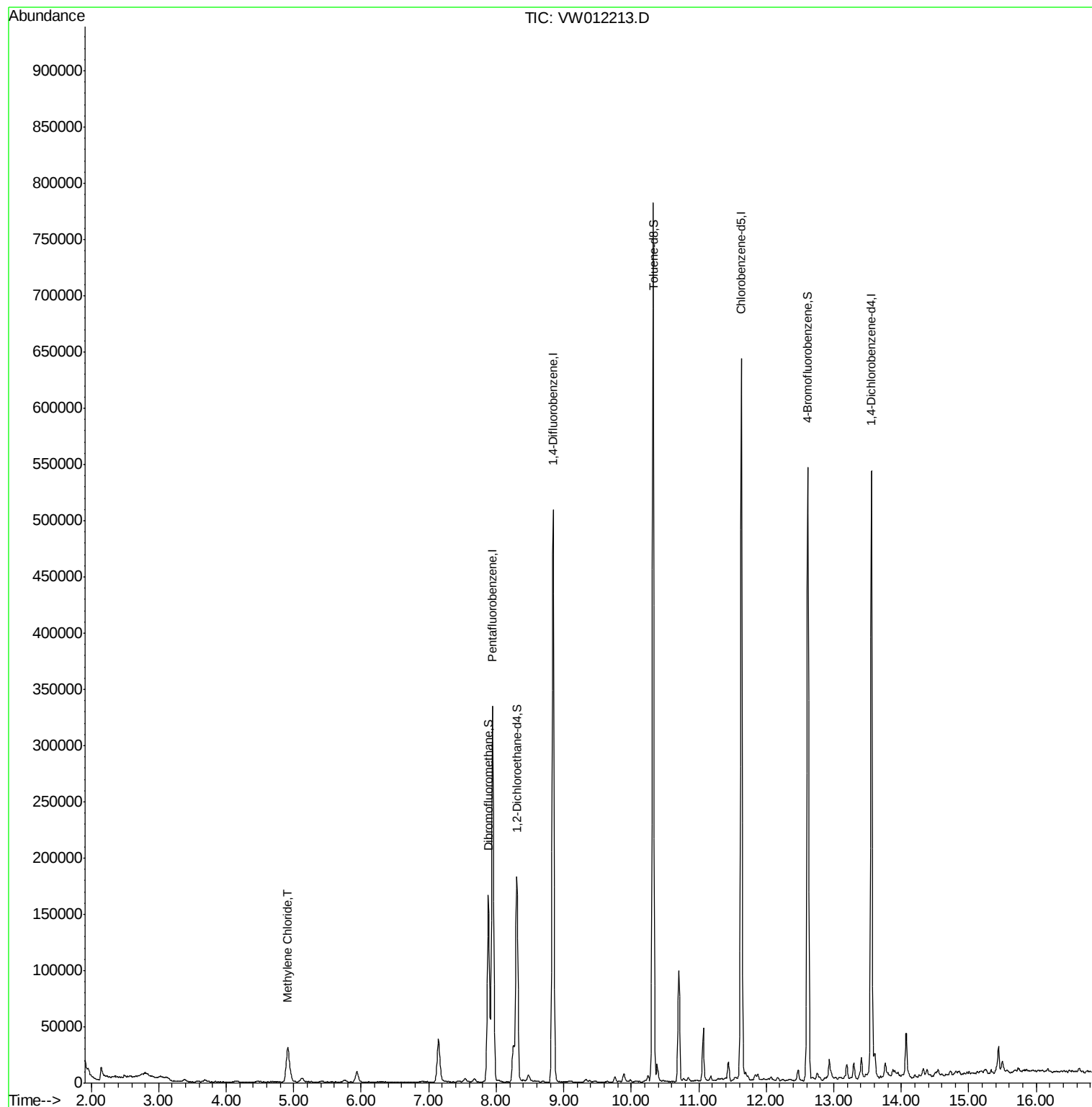
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	397876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145190	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
35) Dibromofluoromethane	7.88	113	118148	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	10.32	98	486696	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.62	95	161058	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
Target Compounds						
20) Methylene Chloride	4.91	84	23058	8.309	ug/l	Qvalue 93

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

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012213.D

Acq: 27 Aug 2019 15:35

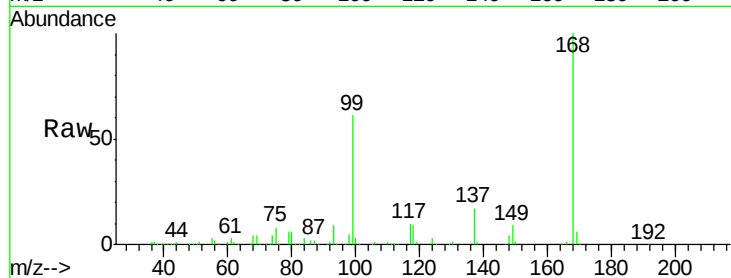
Instrument :
MSVOA_W
ClientSampled :
PX-12

Tot Ion:168 Resp: 241562

Ion Ratio Lower Upper

168 100

99 60.9 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

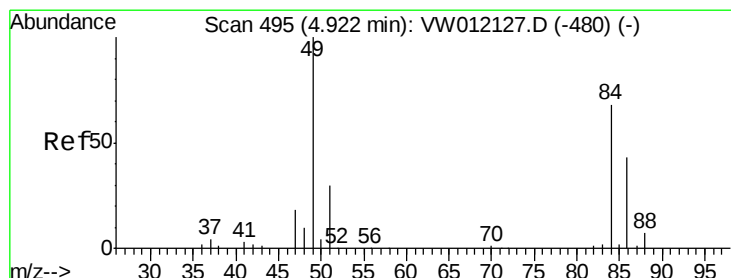
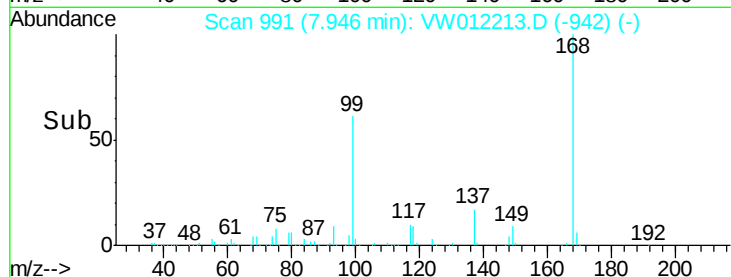
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 8.309 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012213.D

Acq: 27 Aug 2019 15:35

Tgt Ion: 84 Resp: 23058

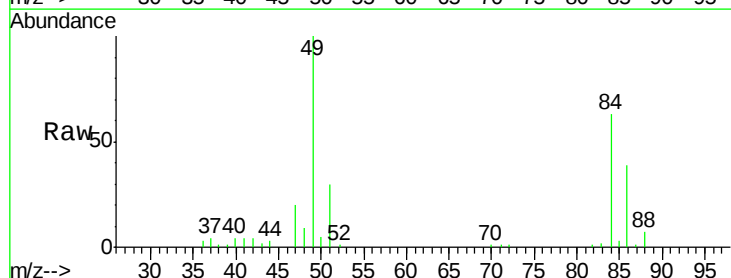
Ion Ratio Lower Upper

84 100

49 158.8 117.8 176.8

51 47.7 35.6 53.4

86 62.5 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

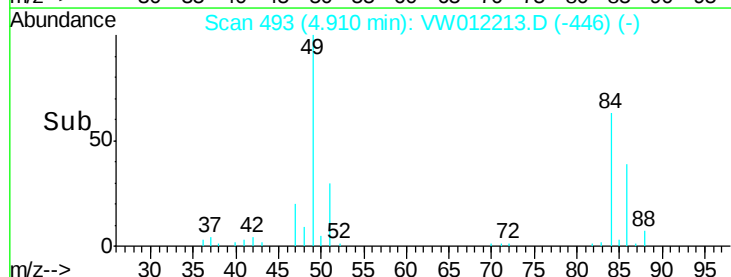
15000

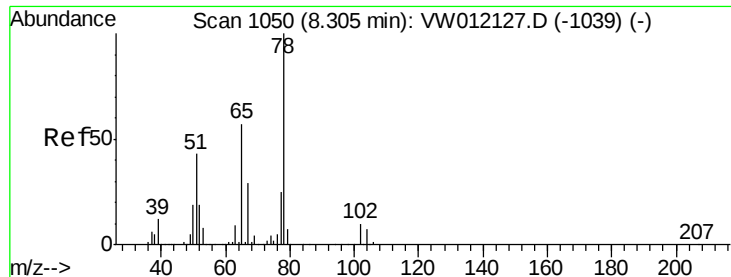
10000

5000

0

Time--> 4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 50.561 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012213.D

Acq: 27 Aug 2019 15:35

Instrument :

MSVOA_W

ClientSampleId :

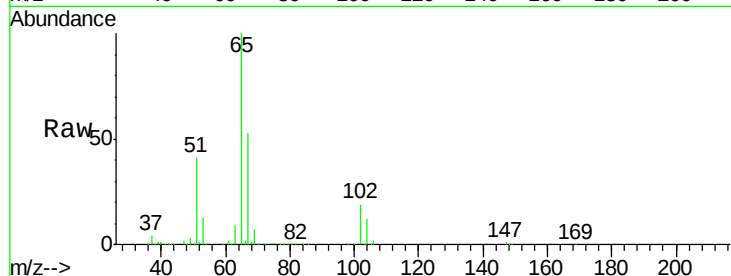
PX-12

Tot Ion: 65 Resp: 145190

Ion Ratio Lower Upper

65 100

67 52.3 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

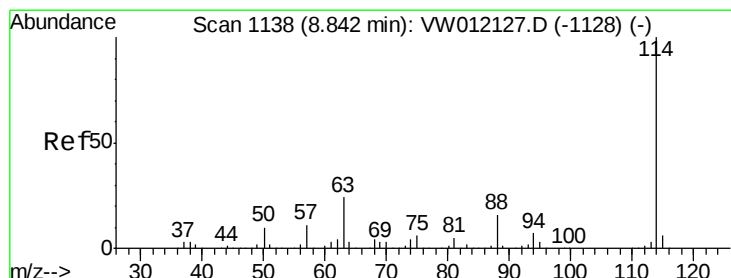
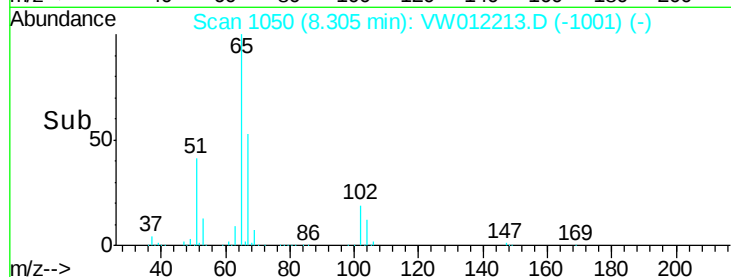
40000

20000

0

8.20 8.30 8.40 8.50

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012213.D

Acq: 27 Aug 2019 15:35

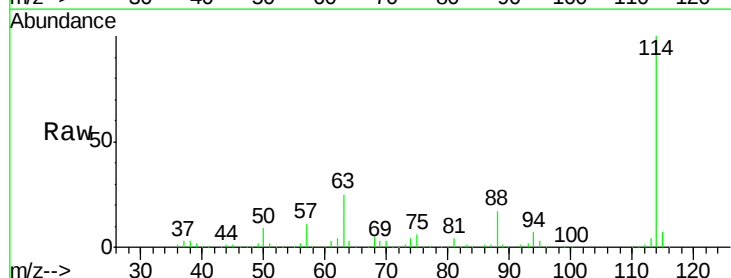
Tgt Ion: 114 Resp: 397876

Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.6

88 16.6 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

250000

200000

150000

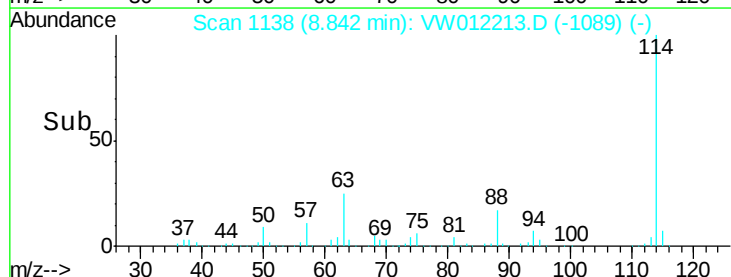
100000

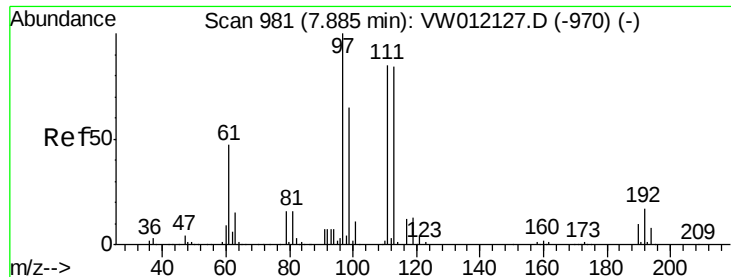
50000

0

8.80 8.90

Time-->

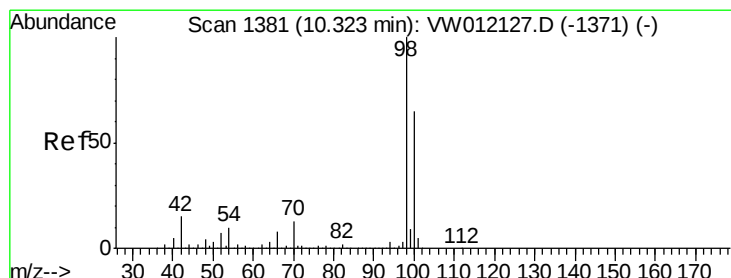
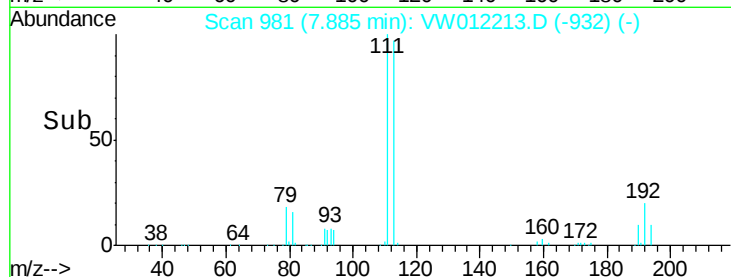
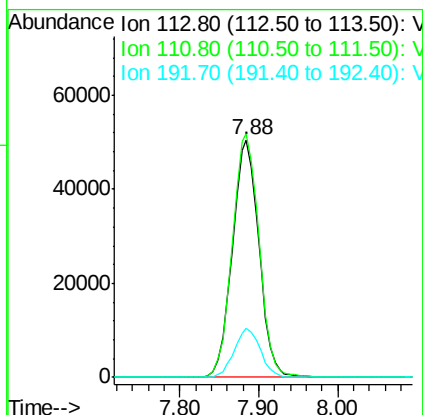
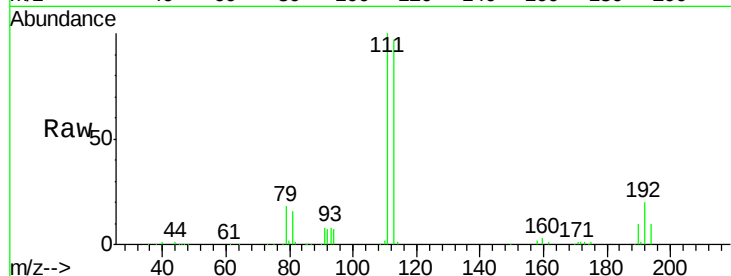




#35
 Dibromofluoromethane
 Concen: 49.748 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012213.D
 Acq: 27 Aug 2019 15:35

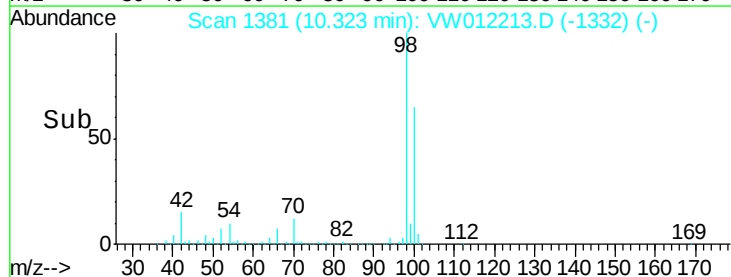
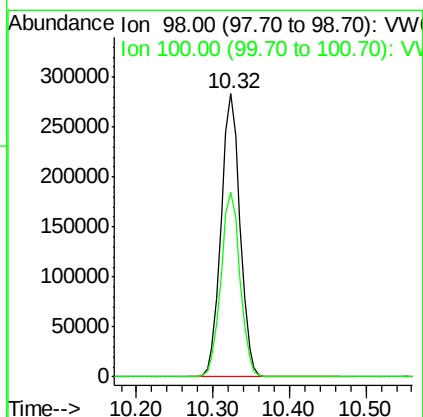
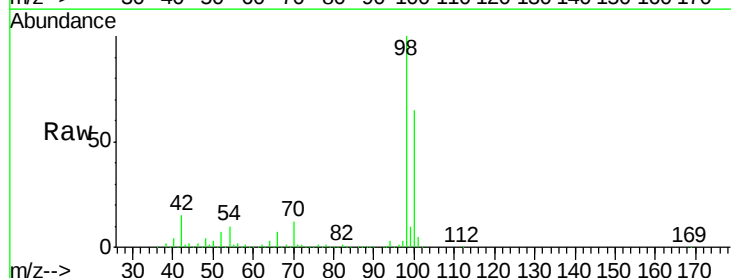
Instrument :
 MSVOA_W
 ClientSampleId :
 PX-12

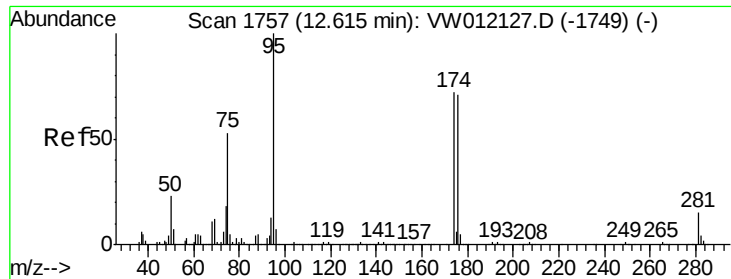
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	20.4	16.2	24.2



#50
 Toluene-d8
 Concen: 50.541 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012213.D
 Acq: 27 Aug 2019 15:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6

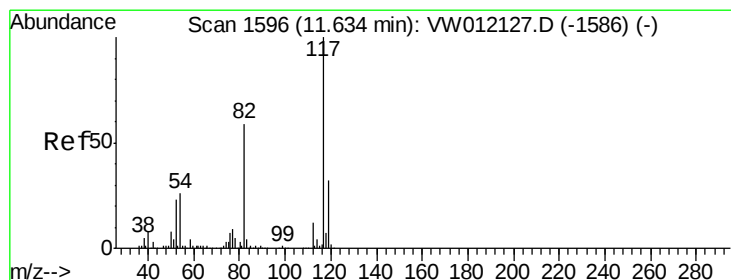
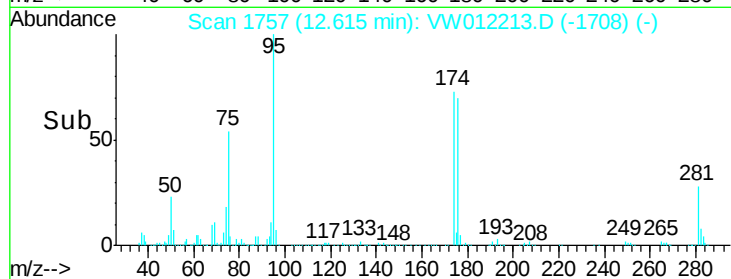
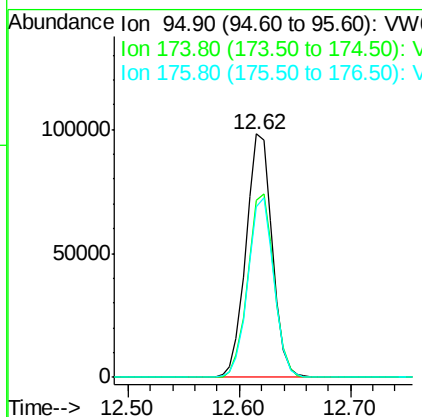
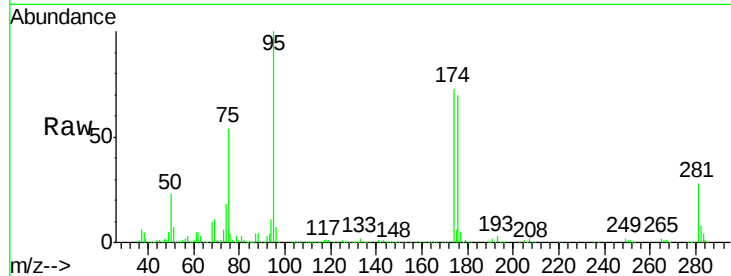




#62
4-Bromofluorobenzene
Concen: 47.447 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012213.D
Acq: 27 Aug 2019 15:35

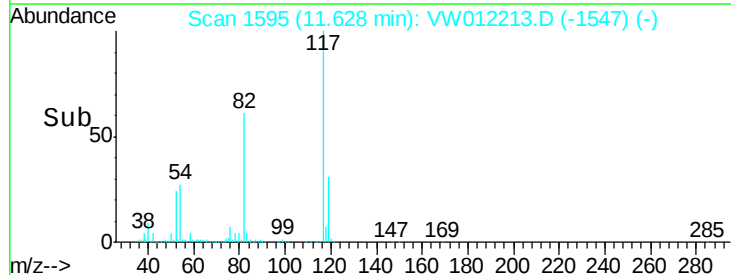
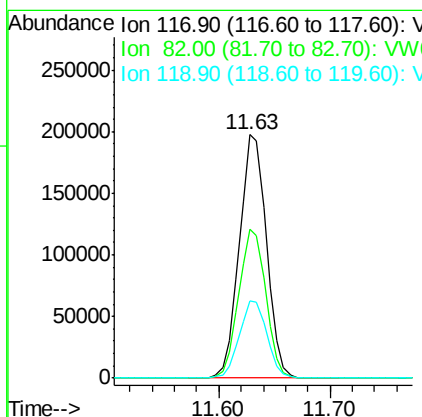
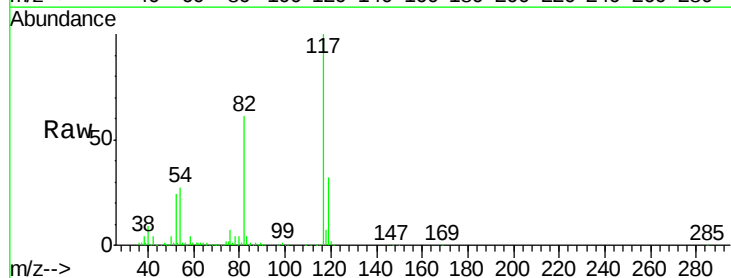
Instrument :
MSVOA_W
ClientSampleId :
PX-12

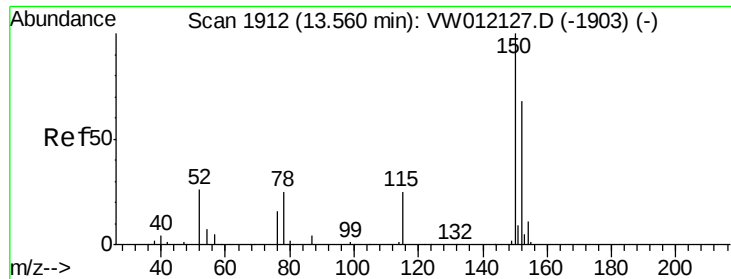
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	150.8
176	72.7	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012213.D
Acq: 27 Aug 2019 15:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.1	47.4	71.2
119	31.3	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: VW012213.D

Acq: 27 Aug 2019 15:35

Instrument :

MSVOA_W

ClientSampleId :

PX-12

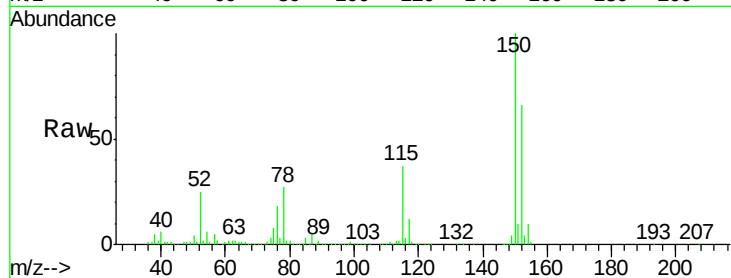
Tot Ion:152 Resp: 138910

Ion Ratio Lower Upper

152 100

115 60.0 30.1 90.3

150 156.8 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

