

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012210.D
 Acq On : 27 Aug 2019 14:07
 Operator : SY/VA
 Sample : K4521-06
 Misc : 4.71G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-09

Quant Time: Aug 28 05:44:01 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

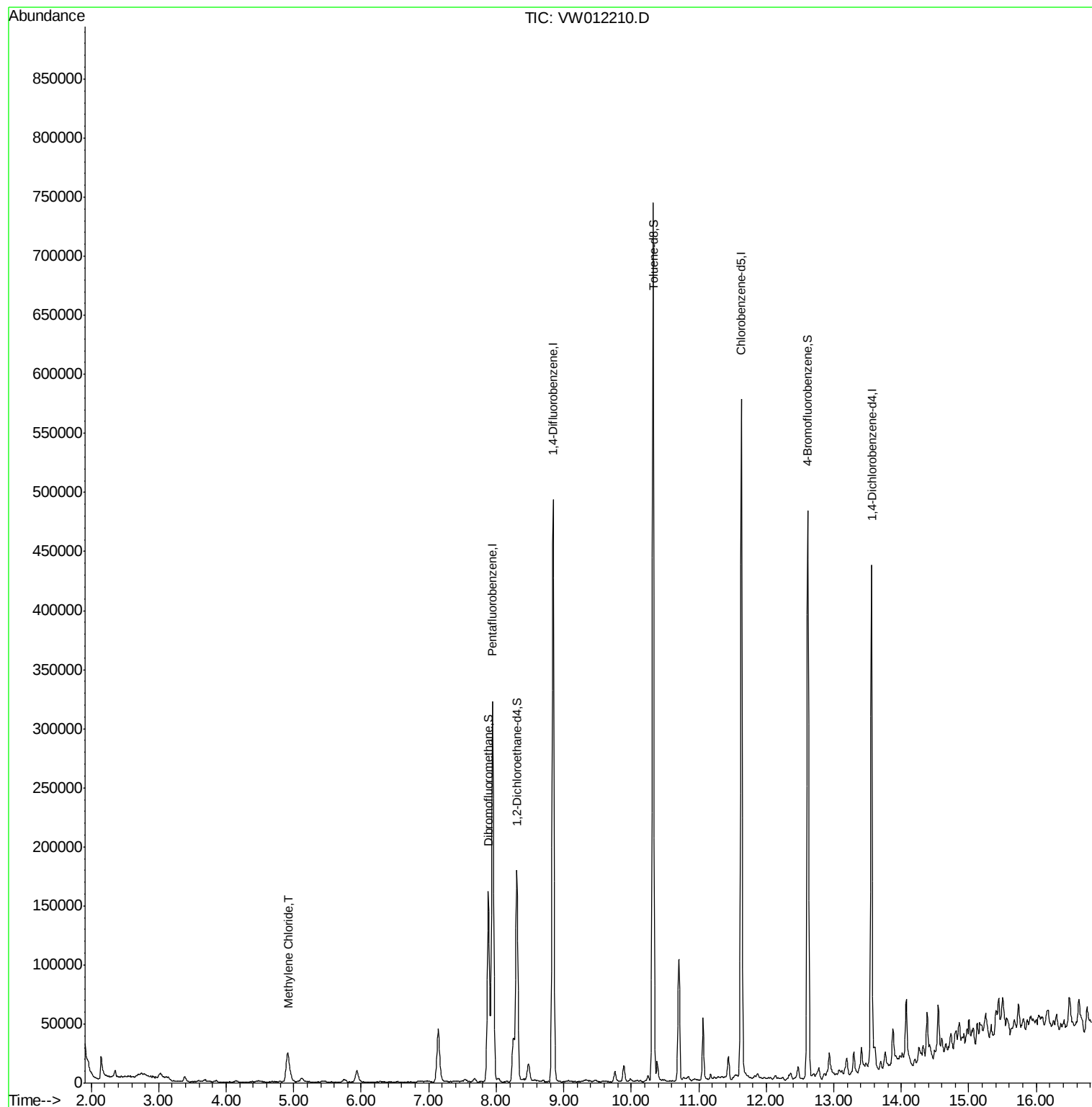
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	387772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138774	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
35) Dibromofluoromethane	7.88	113	115601	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	10.32	98	469253	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.62	95	138142	41.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.52%	
Target Compounds						
20) Methylene Chloride	4.92	84	18534	6.862	ug/l	Qvalue 87

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

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Quant Title : SW846 8260
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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: VW012210.D

Acq: 27 Aug 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

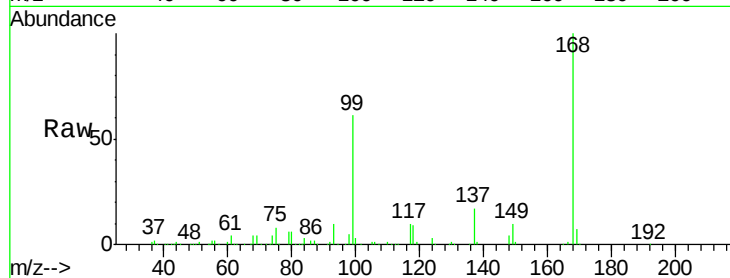
PX-09

Tot Ion:168 Resp: 235125

Ion Ratio Lower Upper

168 100

99 61.2 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

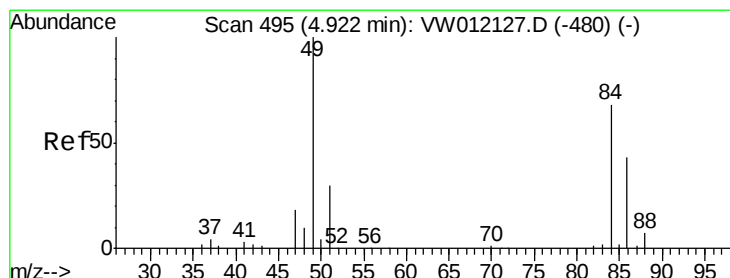
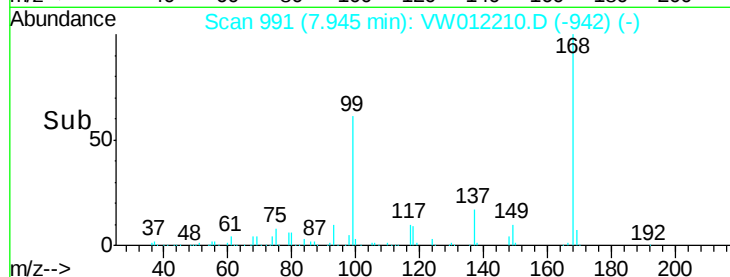
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 6.862 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW012210.D

Acq: 27 Aug 2019 14:07

Tgt Ion: 84 Resp: 18534

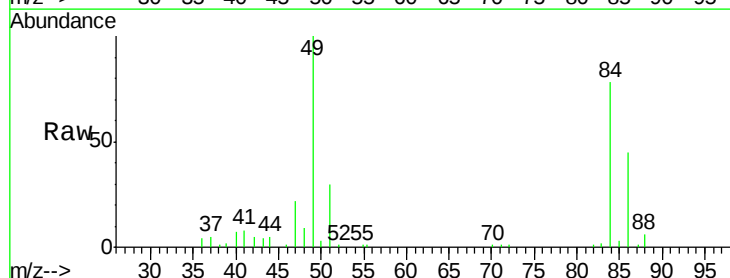
Ion Ratio Lower Upper

84 100

49 127.5 117.8 176.8

51 38.7 35.6 53.4

86 58.0 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

12000

10000

8000

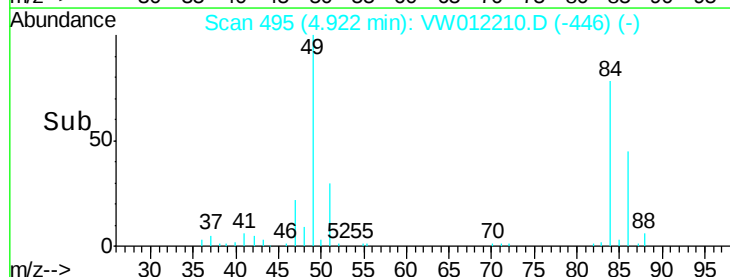
6000

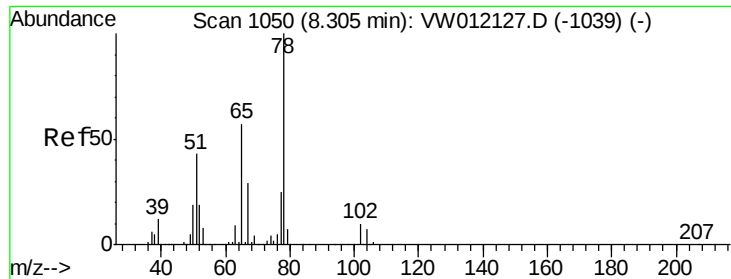
4000

2000

0

Time--> 4.80 4.90 5.00

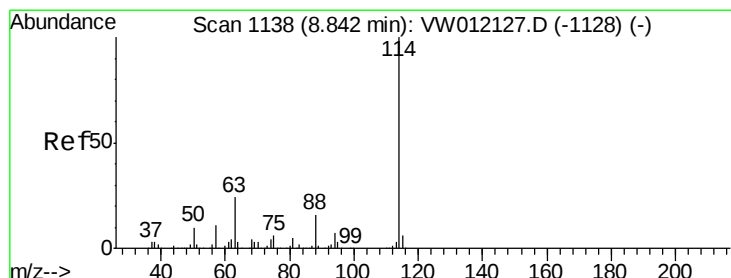
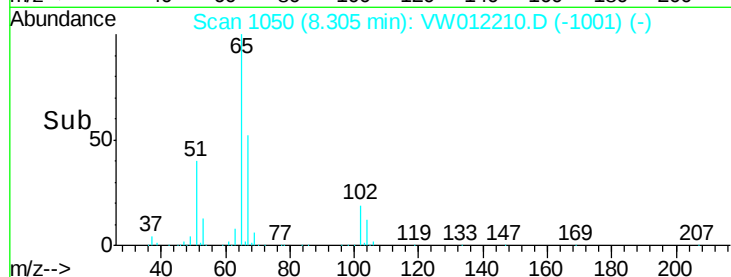
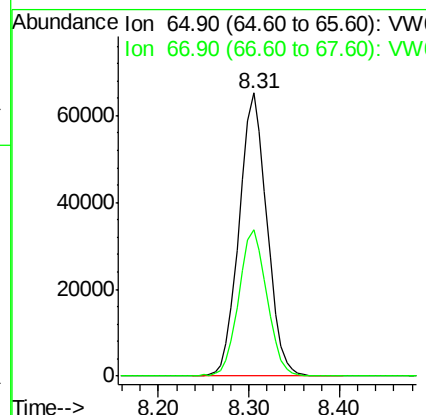
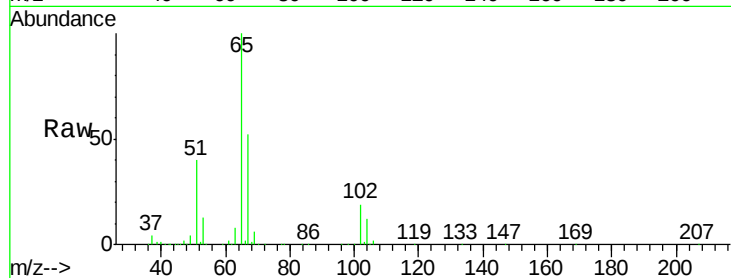




#33
 1,2-Dichloroethane-d4
 Concen: 49.650 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012210.D
 Acq: 27 Aug 2019 14:07

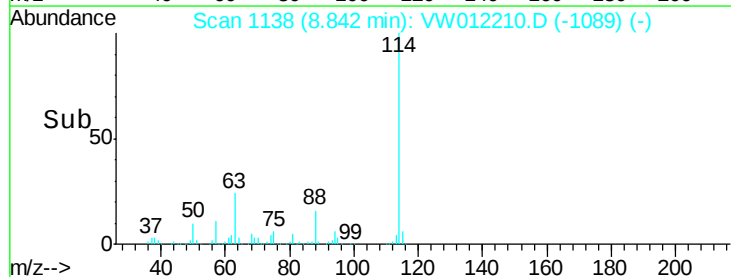
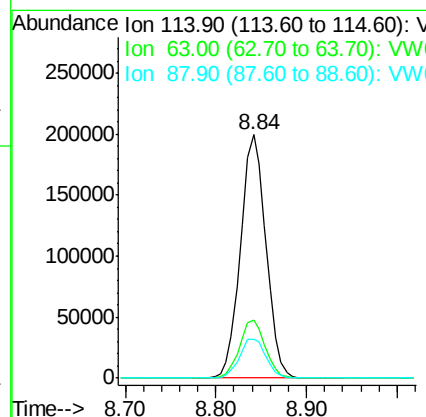
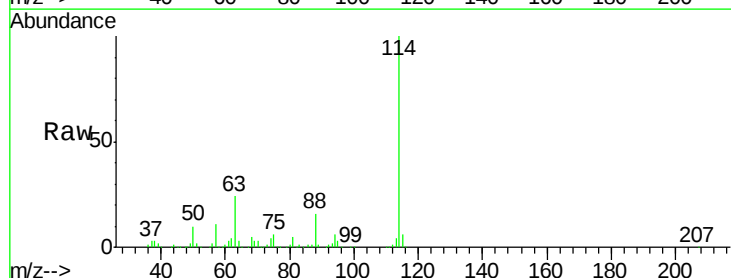
Instrument :
 MSVOA_W
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 PX-09

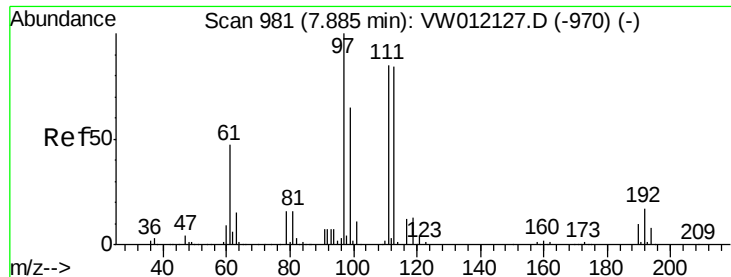
Tot Ion: 65 Resp: 138774
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012210.D
 Acq: 27 Aug 2019 14:07

Tgt Ion: 114 Resp: 387772
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 48.6
 88 16.0 0.0 32.2

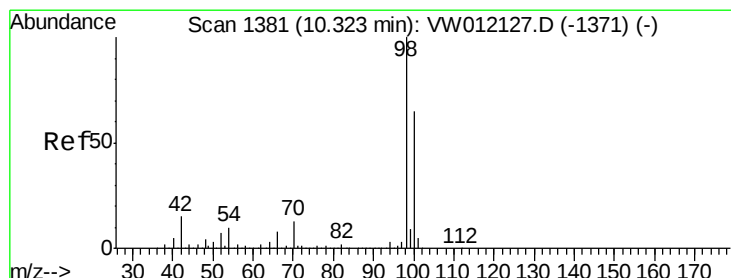
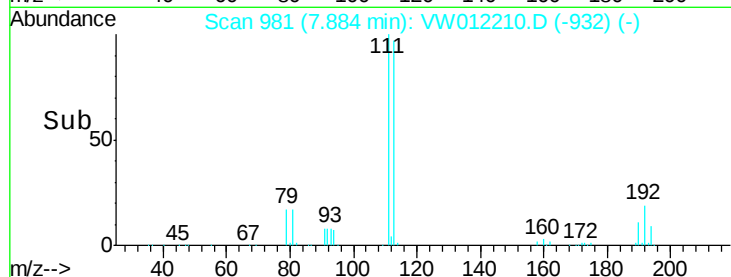
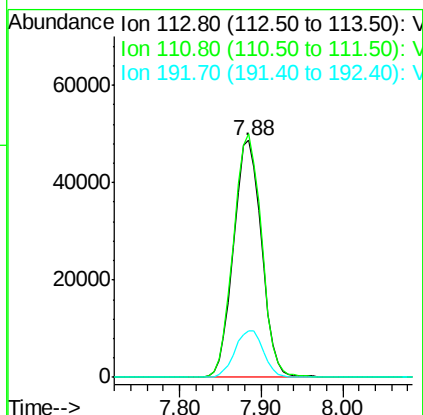
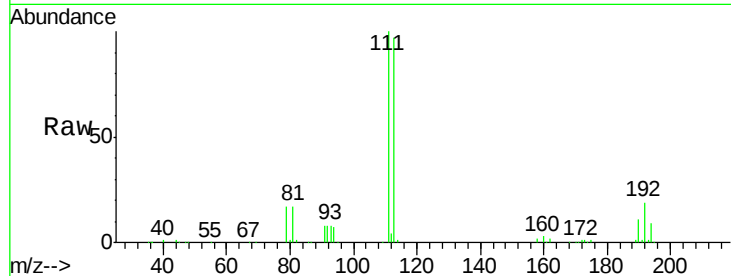




#35
 Dibromofluoromethane
 Concen: 49.944 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012210.D
 Acq: 27 Aug 2019 14:07

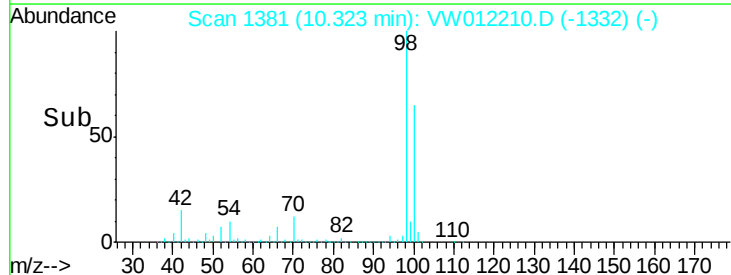
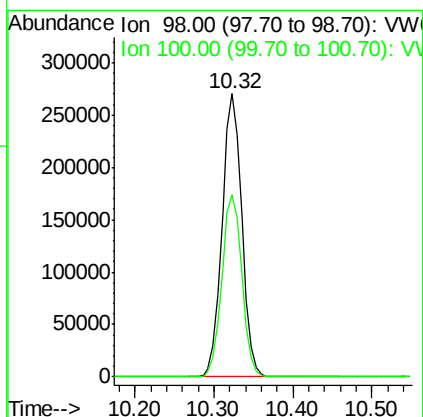
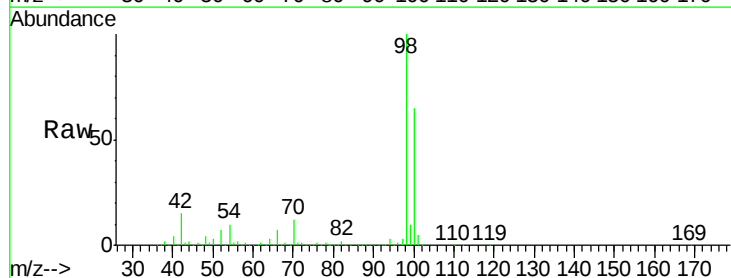
Instrument :
 MSVOA_W
 ClientSampleId :
 PX-09

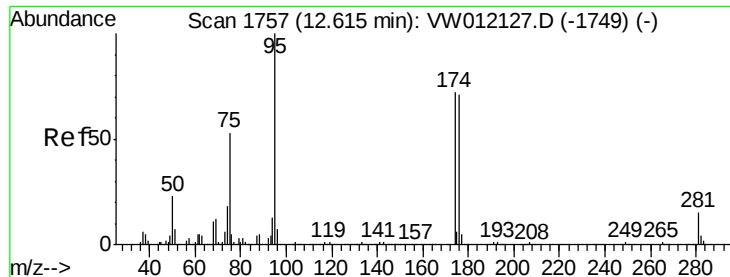
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	20.1	16.2	24.2



#50
 Toluene-d8
 Concen: 50.000 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012210.D
 Acq: 27 Aug 2019 14:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6

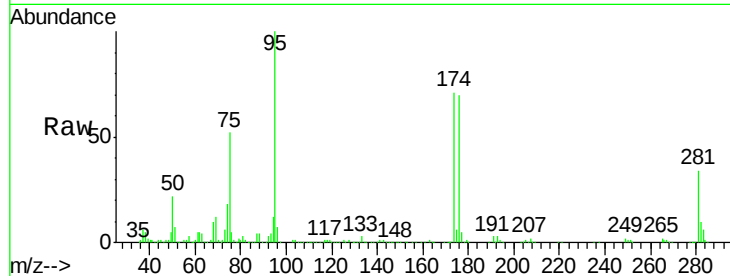




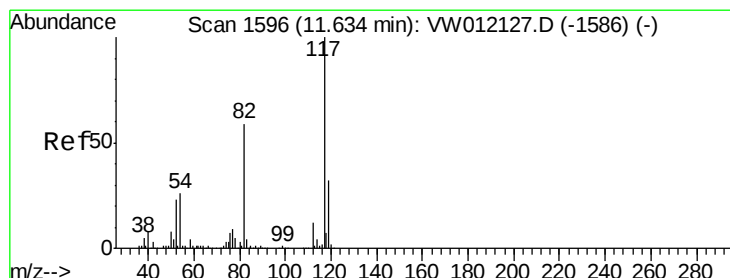
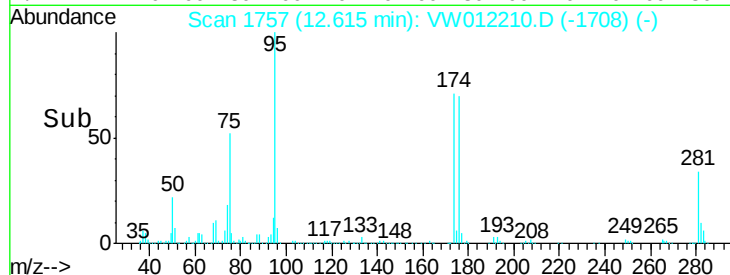
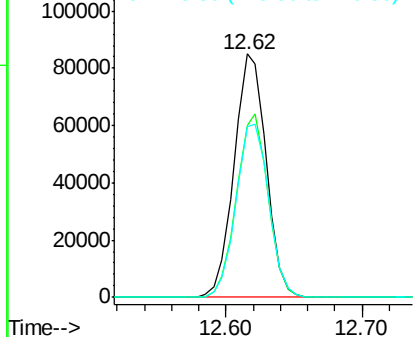
#62
4-Bromofluorobenzene
Concen: 41.757 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012210.D
Acq: 27 Aug 2019 14:07

Instrument :
MSVOA_W
ClientSampled :
PX-09

Tot Ion	95	Resp	138142
Ion Ratio	Lower	Upper	
95	100		
174	75.2	0.0	150.8
176	73.5	0.0	148.6

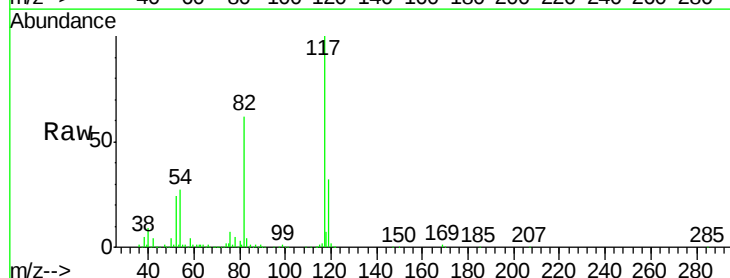


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

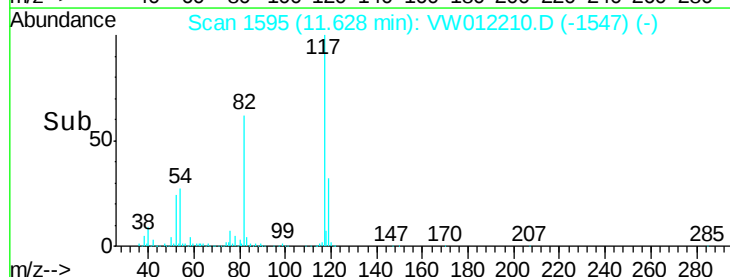
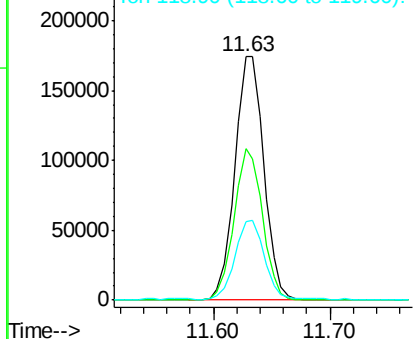


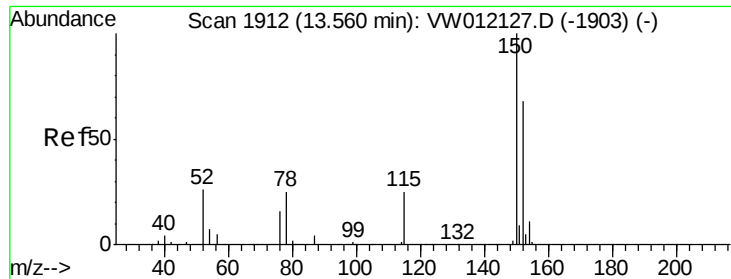
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012210.D
Acq: 27 Aug 2019 14:07

Tgt Ion	117	Resp	302792
Ion Ratio	Lower	Upper	
117	100		
82	62.4	47.4	71.2
119	32.0	25.4	38.2



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012210.D

Acq: 27 Aug 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

PX-09

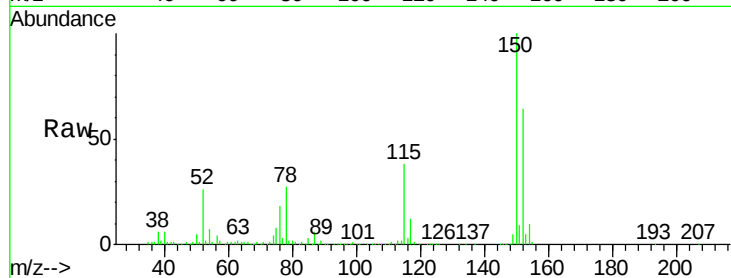
Tot Ion:152 Resp: 108942

Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.3

150 156.3 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

