

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012212.D
 Acq On : 27 Aug 2019 15:09
 Operator : SY/VA
 Sample : K4521-08
 Misc : 3.85G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-11

Quant Time: Aug 28 06:04:17 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

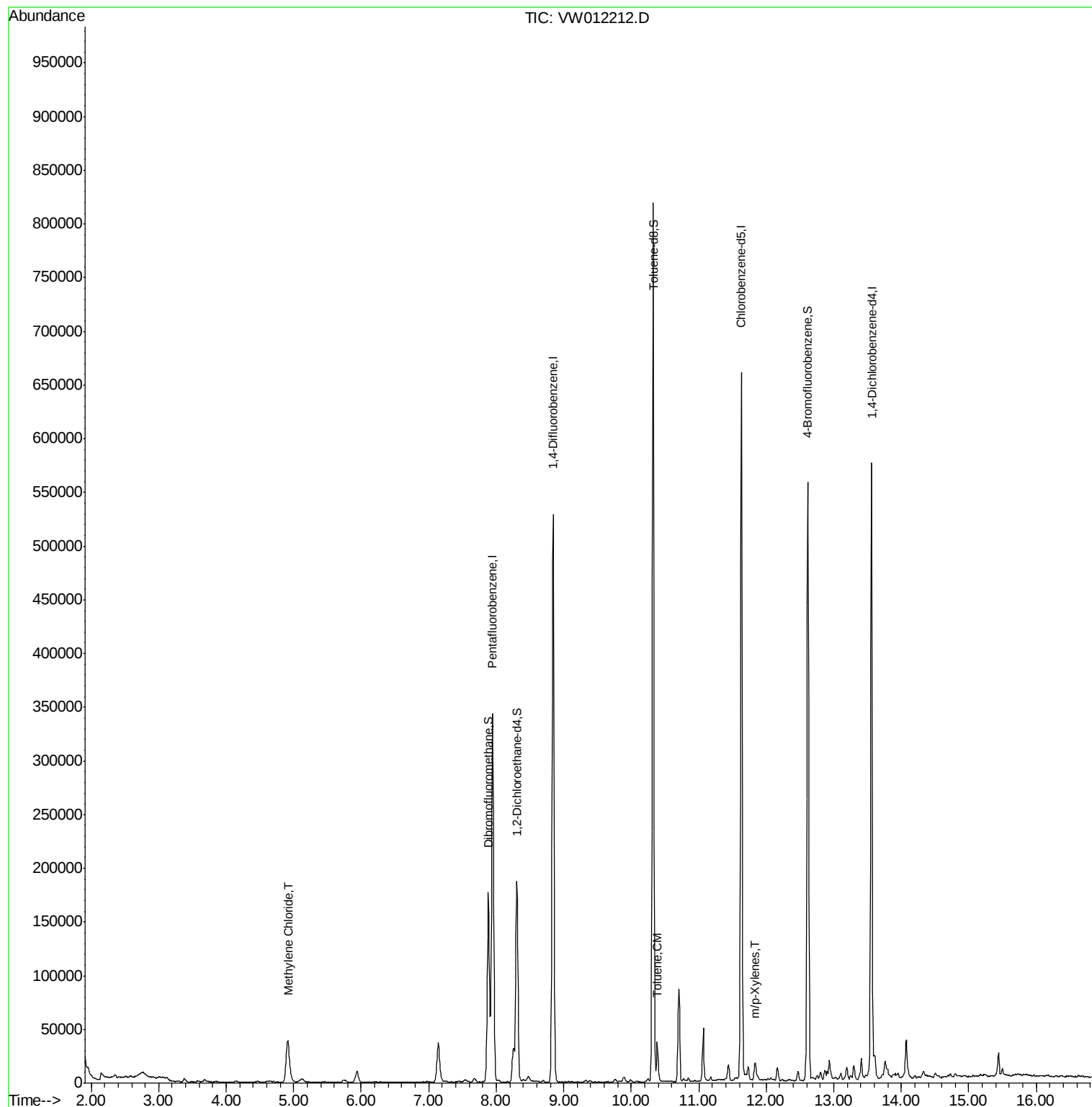
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	419533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148422	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
35) Dibromofluoromethane	7.88	113	124179	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
50) Toluene-d8	10.32	98	511223	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.62	95	165470	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
Target Compounds						
20) Methylene Chloride	4.92	84	29594	10.182	ug/l	97
52) Toluene	10.38	92	15082	2.121	ug/l	95
68) m/p-Xylenes	11.84	106	4903	1.032	ug/l	88

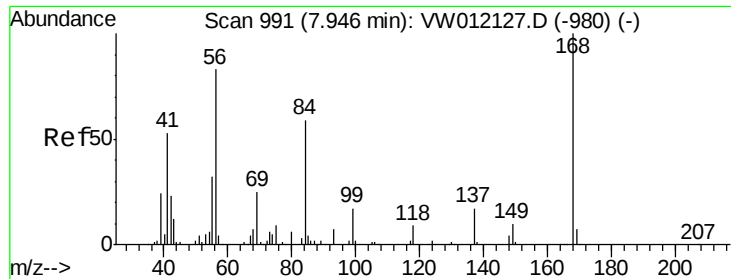
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
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: VW012212.D

Acq: 27 Aug 2019 15:09

Instrument :

MSVOA_W

ClientSampleId :

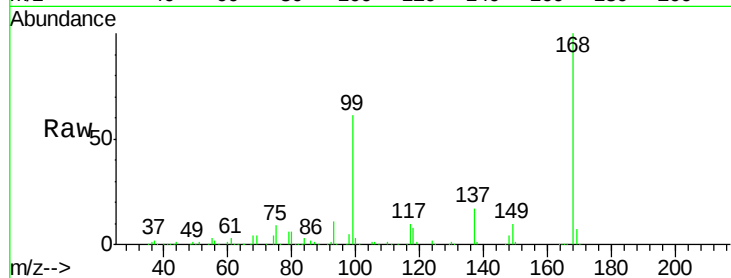
PX-11

Tot Ion:168 Resp: 253025

Ion Ratio Lower Upper

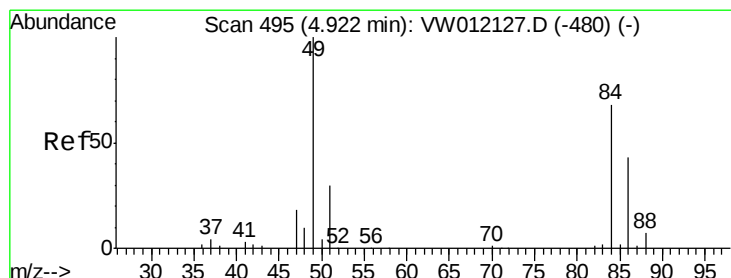
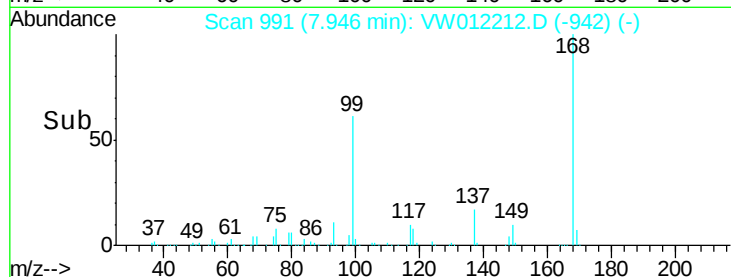
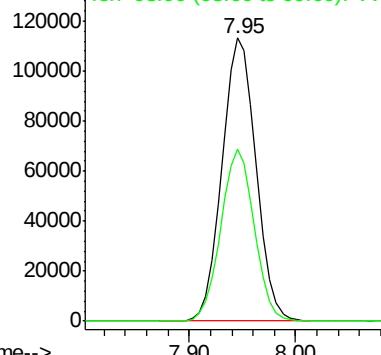
168 100

99 60.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 10.182 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012212.D

Acq: 27 Aug 2019 15:09

Tgt Ion: 84 Resp: 29594

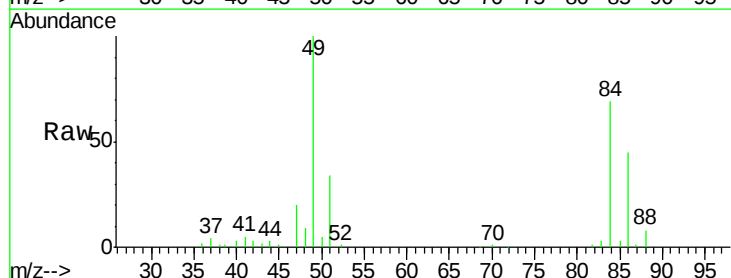
Ion Ratio Lower Upper

84 100

49 145.9 117.8 176.8

51 50.3 35.6 53.4

86 65.4 51.2 76.8

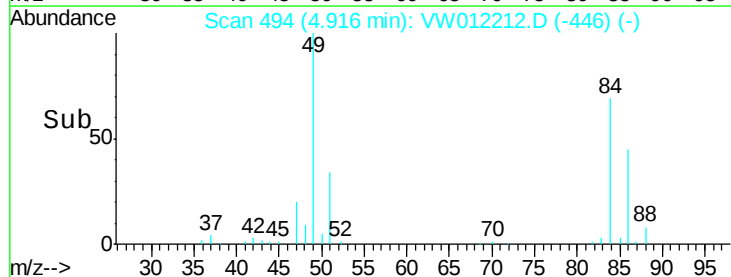
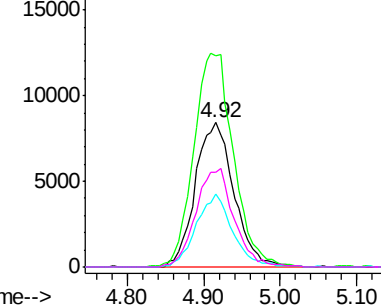


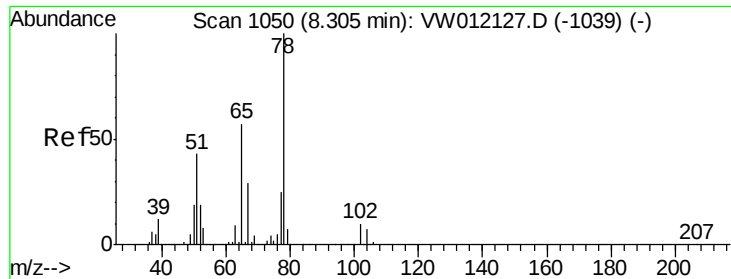
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#33

1,2-Dichloroethane-d4

Concen: 49.345 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012212.D

Acq: 27 Aug 2019 15:09

Instrument :

MSVOA_W

ClientSampleId :

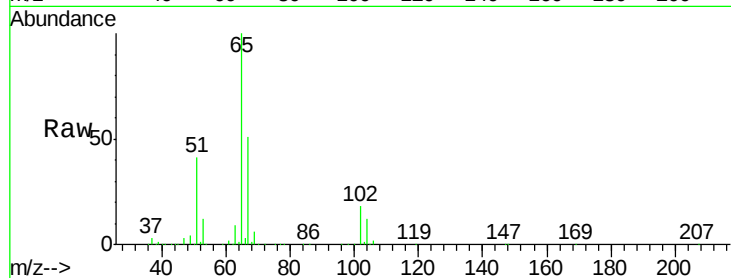
PX-11

Tot Ion: 65 Resp: 148422

Ion Ratio Lower Upper

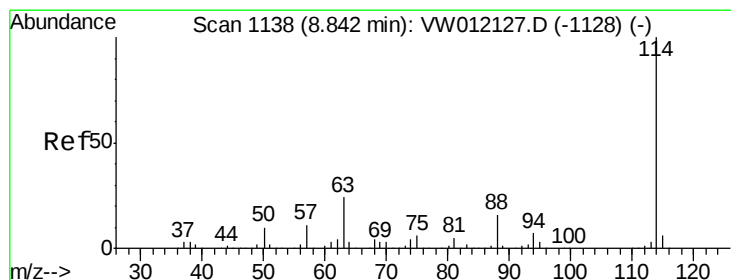
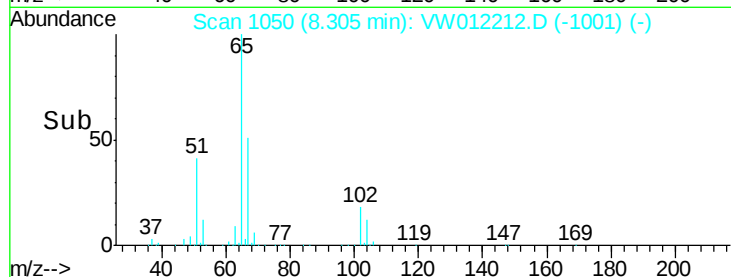
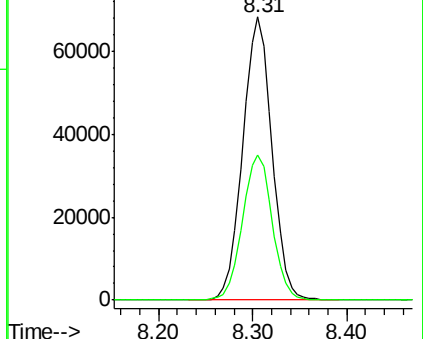
65 100

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



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012212.D

Acq: 27 Aug 2019 15:09

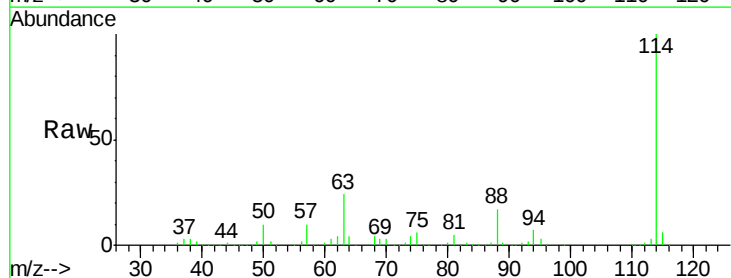
Tgt Ion: 114 Resp: 419533

Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.6

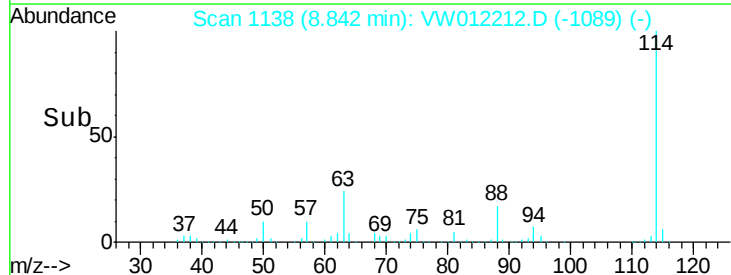
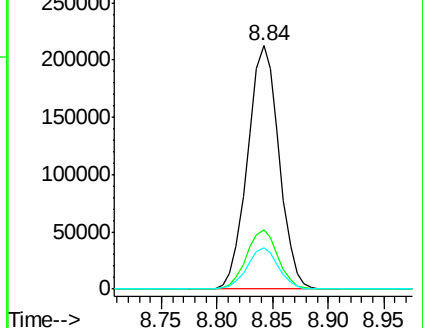
88 16.9 0.0 32.2

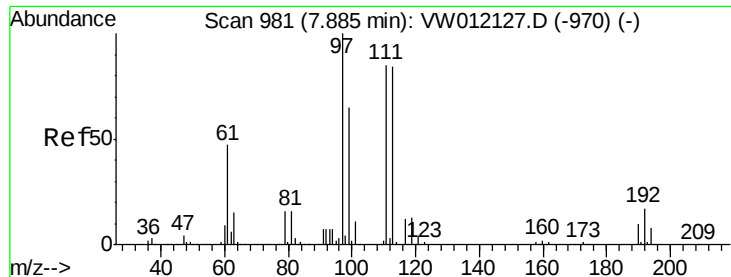


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

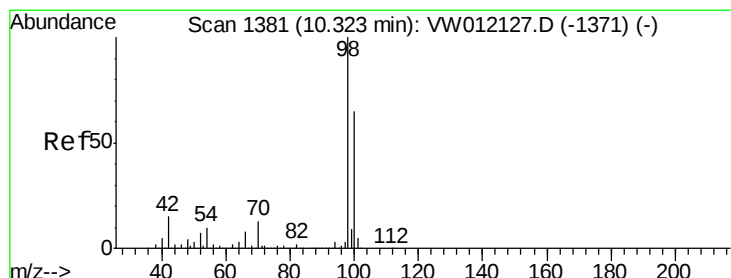
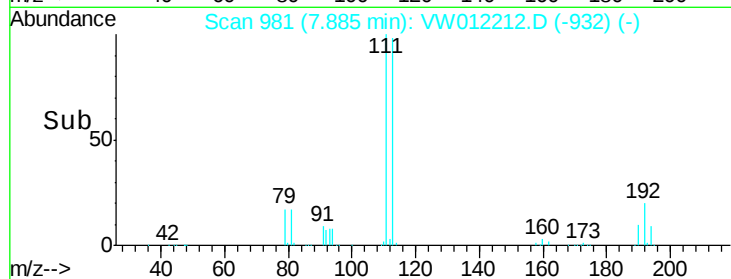
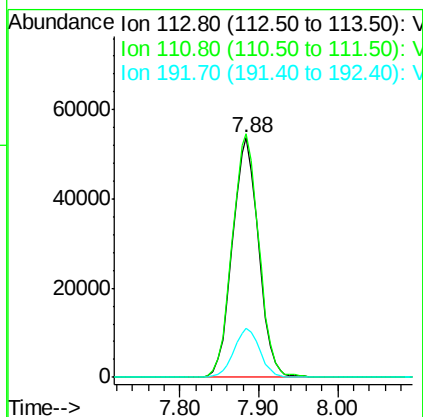
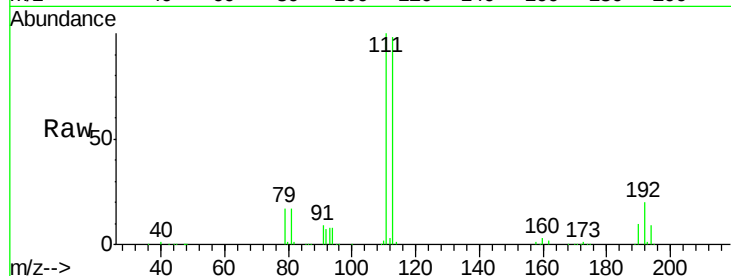




#35
 Dibromofluoromethane
 Concen: 49.588 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012212.D
 Acq: 27 Aug 2019 15:09

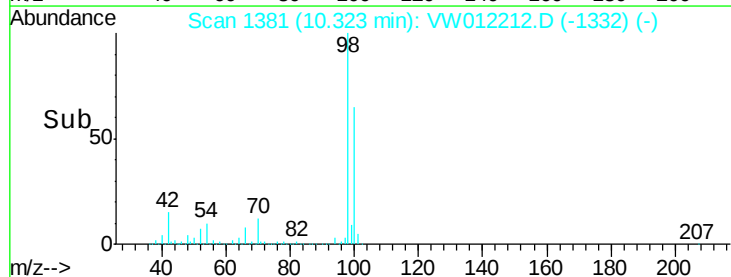
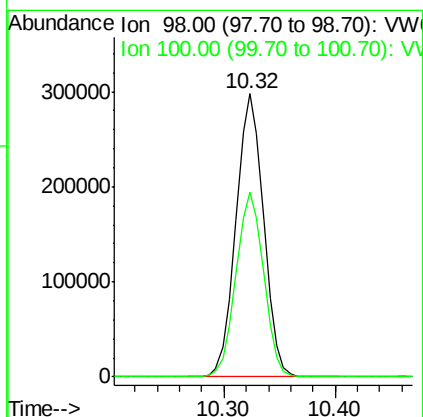
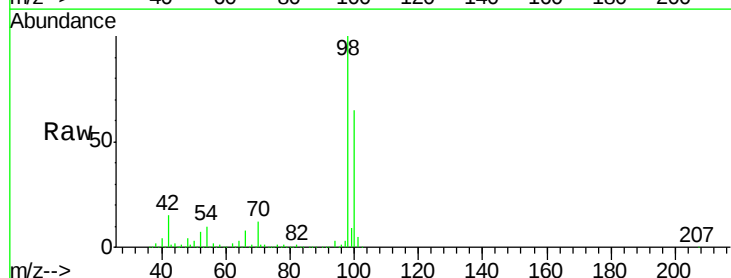
Instrument :
 MSVOA_W
 ClientSampled :
 PX-11

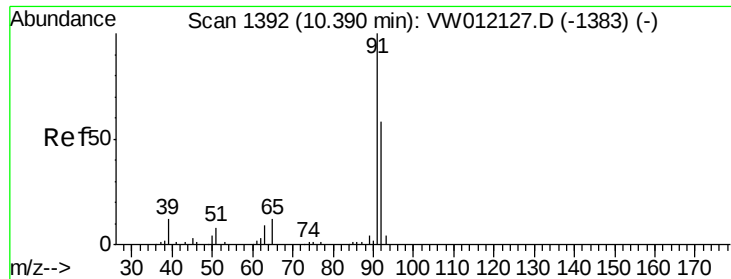
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	20.2	16.2	24.2



#50
 Toluene-d8
 Concen: 50.348 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012212.D
 Acq: 27 Aug 2019 15:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6





#52

Toluene

Concen: 2.121 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012212.D

Acq: 27 Aug 2019 15:09

Instrument :

MSVOA_W

ClientSampled :

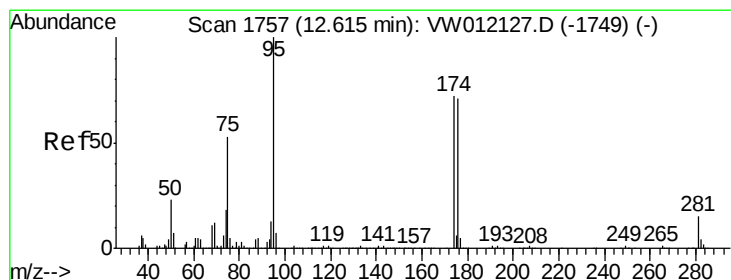
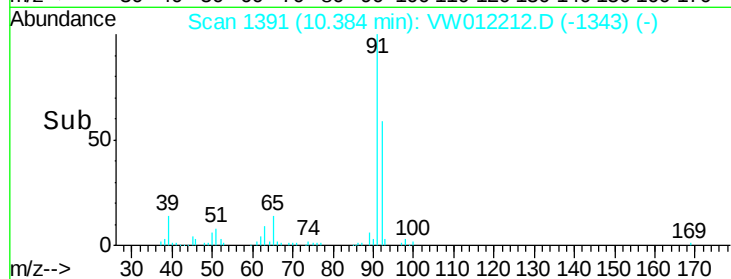
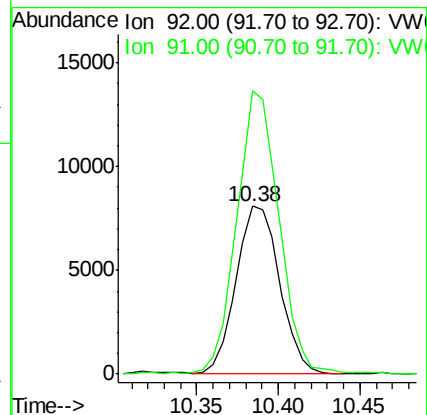
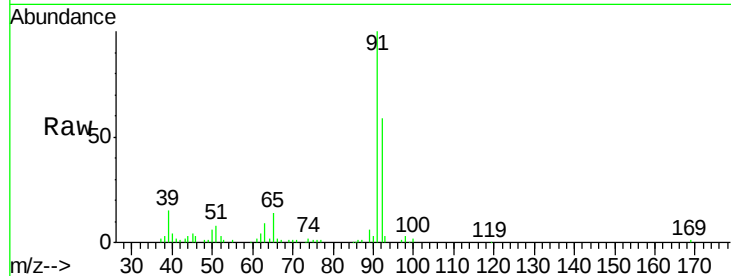
PX-11

Tot Ion: 92 Resp: 15082

Ion Ratio Lower Upper

92 100

91 163.8 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 46.231 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012212.D

Acq: 27 Aug 2019 15:09

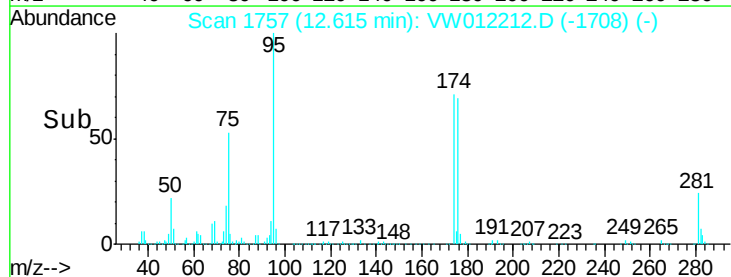
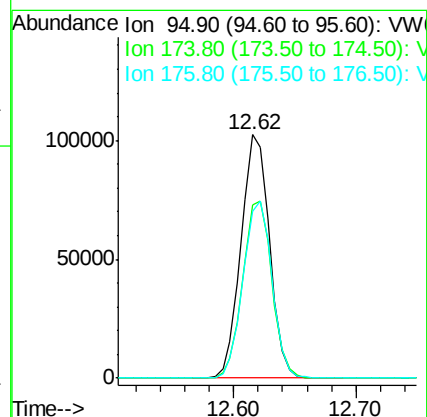
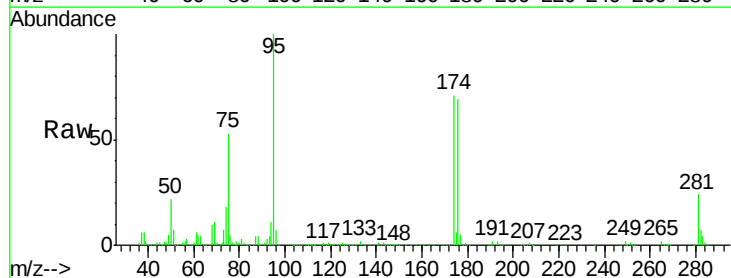
Tgt Ion: 95 Resp: 165470

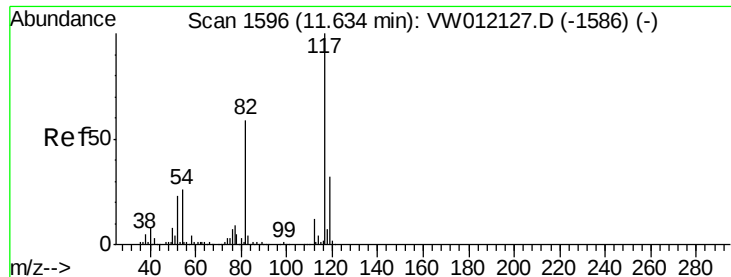
Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.8

176 74.1 0.0 148.6

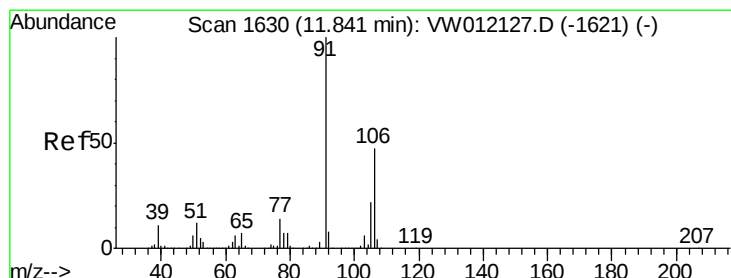
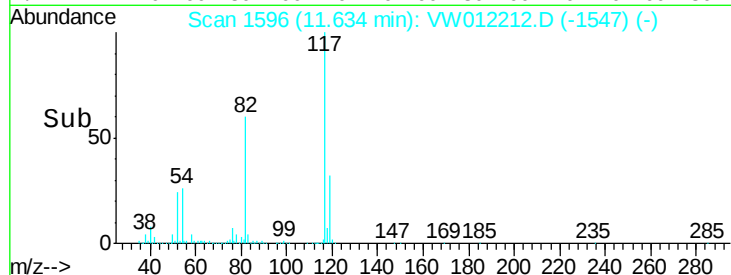
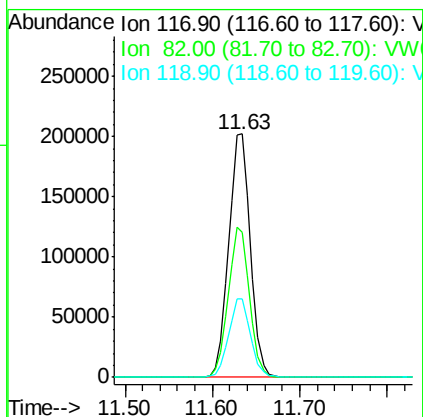
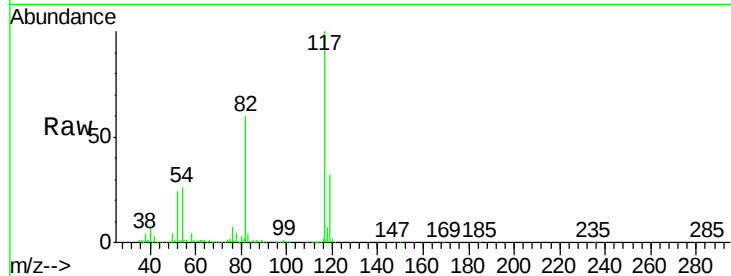




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012212.D
Acq: 27 Aug 2019 15:09

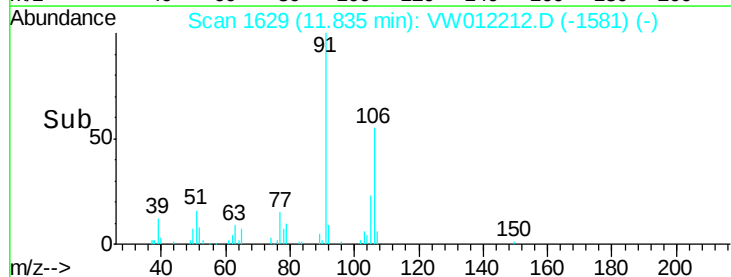
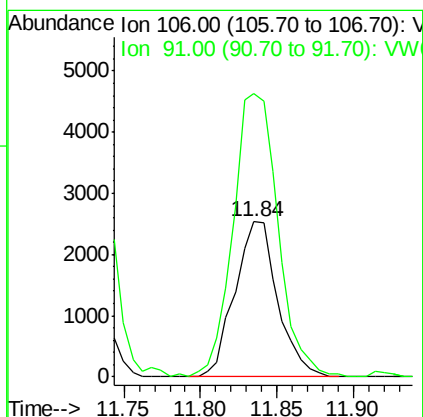
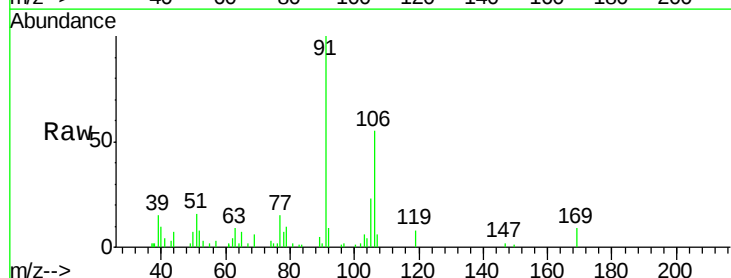
Instrument :
MSVOA_W
ClientSampled :
PX-11

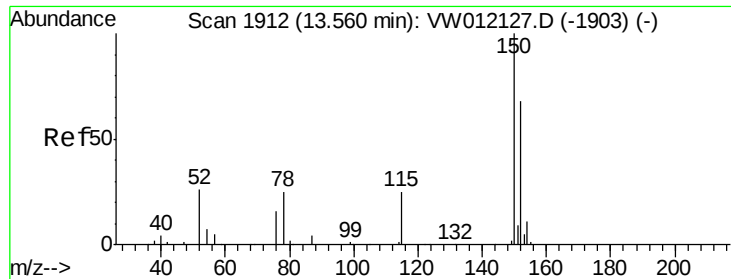
Tot Ion:117 Resp: 347654
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 31.9 25.4 38.2



#68
m/p-Xylenes
Concen: 1.032 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012212.D
Acq: 27 Aug 2019 15:09

Tgt Ion:106 Resp: 4903
Ion Ratio Lower Upper
106 100
91 193.1 169.5 254.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012212.D

Acq: 27 Aug 2019 15:09

Instrument :

MSVOA_W

ClientSampleId :

PX-11

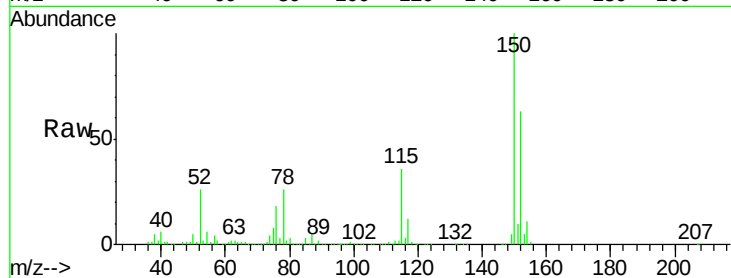
Tot Ion:152 Resp: 143710

Ion Ratio Lower Upper

152 100

115 60.0 30.1 90.3

150 155.9 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

