

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012214.D
 Acq On : 27 Aug 2019 16:01
 Operator : SY/VA
 Sample : K4521-10
 Misc : 4.30G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-13

Quant Time: Aug 28 06:30:10 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

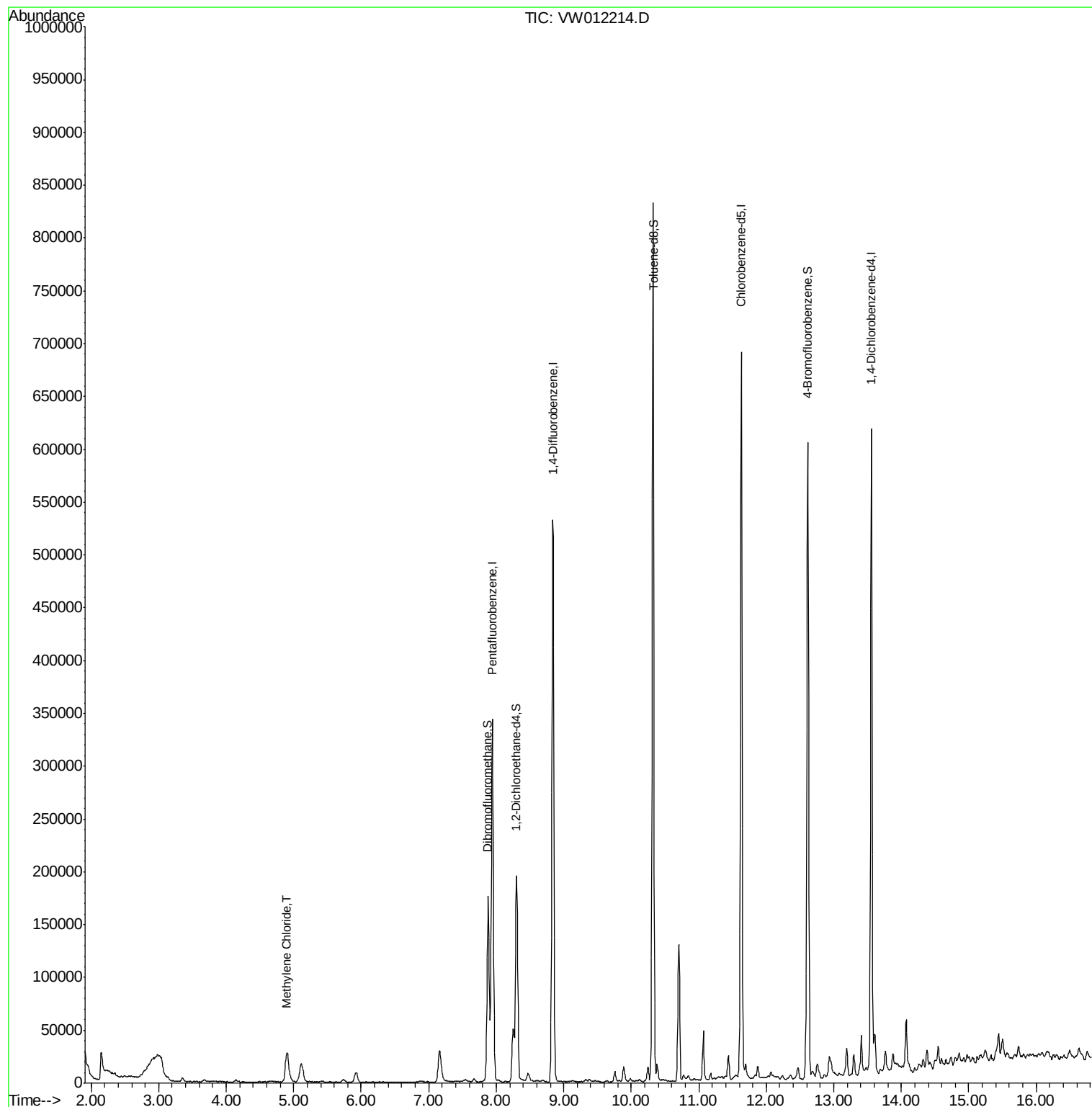
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	424858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	356212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	153199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	154858	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
35) Dibromofluoromethane	7.88	113	123845	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	10.32	98	524723	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.62	95	173768	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
Target Compounds						
20) Methylene Chloride	4.90	84	21376	7.285	ug/l	Qvalue 97

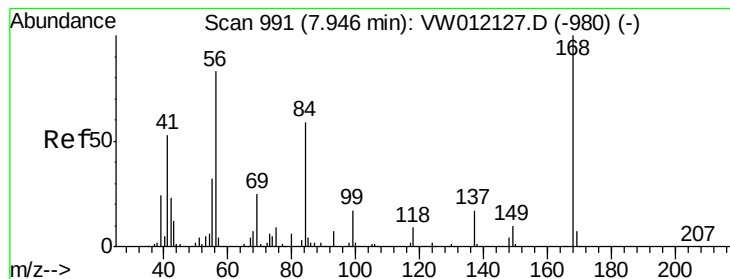
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
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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: VW012214.D

Acq: 27 Aug 2019 16:01

Instrument :

MSVOA_W

ClientSampleId :

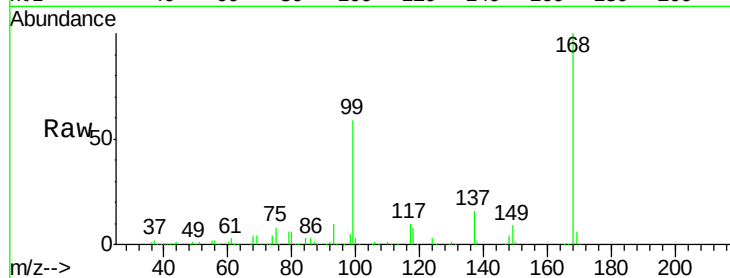
PX-13

Tot Ion:168 Resp: 255426

Ion Ratio Lower Upper

168 100

99 58.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

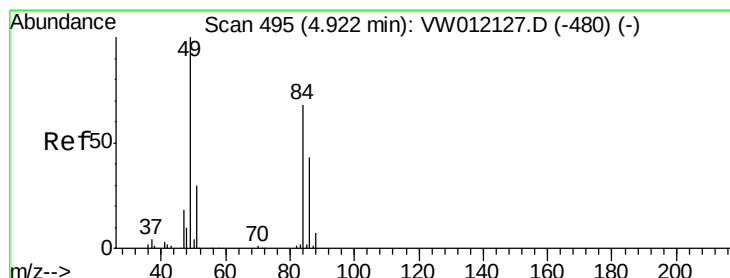
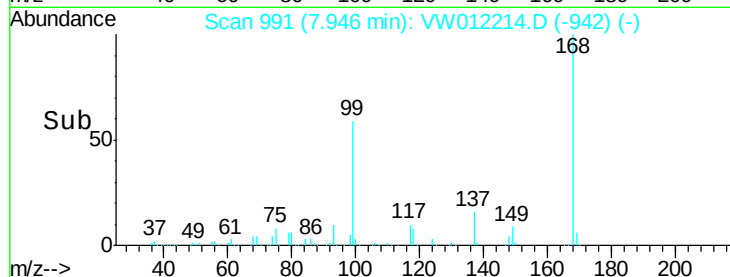
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 7.285 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: VW012214.D

Acq: 27 Aug 2019 16:01

Tgt Ion: 84 Resp: 21376

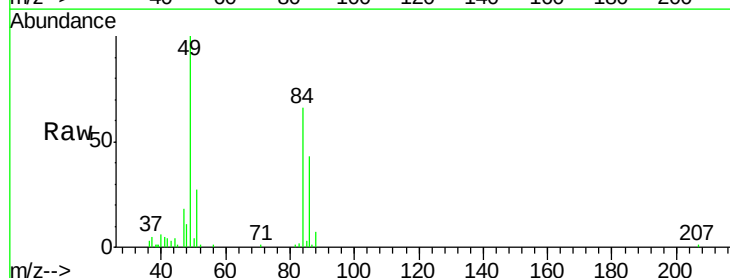
Ion Ratio Lower Upper

84 100

49 150.6 117.8 176.8

51 41.6 35.6 53.4

86 65.0 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

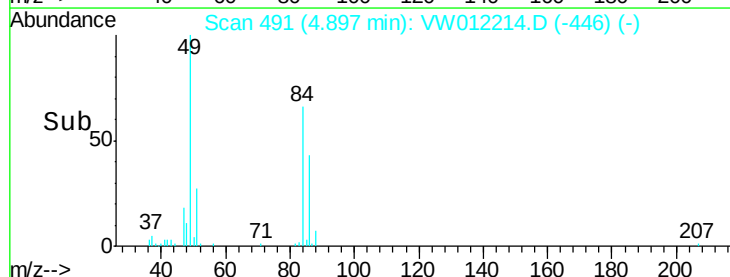
4.90

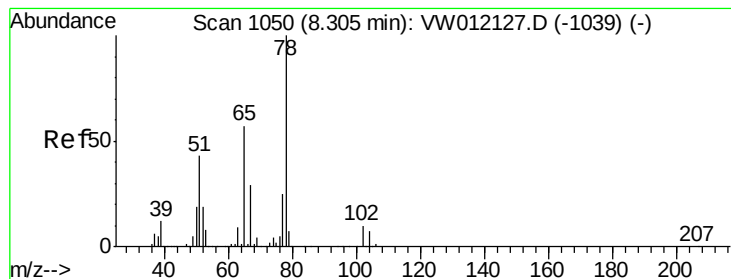
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.001 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012214.D

Acq: 27 Aug 2019 16:01

Instrument :

MSVOA_W

ClientSampleId :

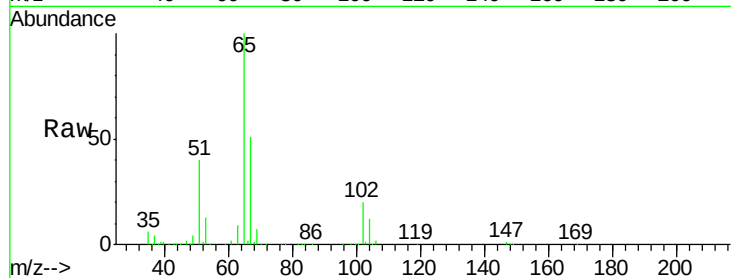
PX-13

Tot Ion: 65 Resp: 154858

Ion Ratio Lower Upper

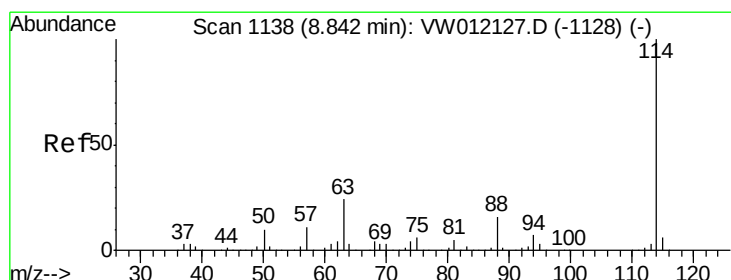
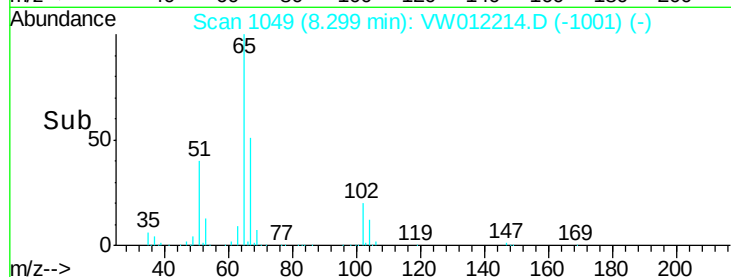
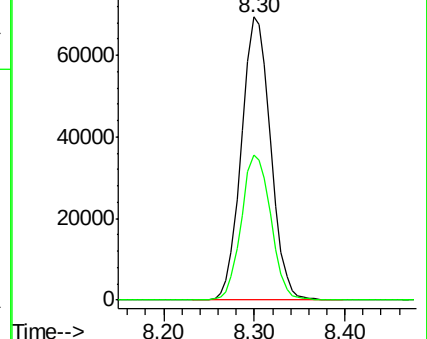
65 100

67 52.0 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# 1137

Delta R.T. -0.01 min

Lab File: VW012214.D

Acq: 27 Aug 2019 16:01

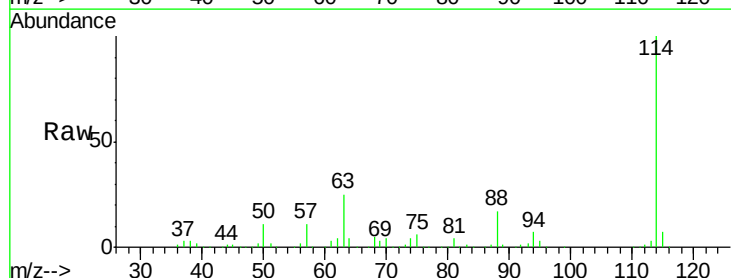
Tgt Ion: 114 Resp: 424858

Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.6

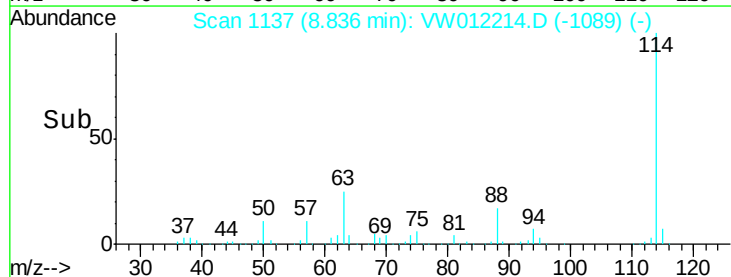
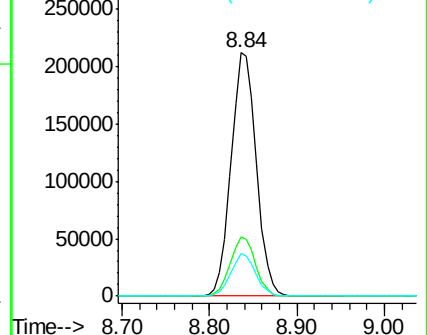
88 17.3 0.0 32.2

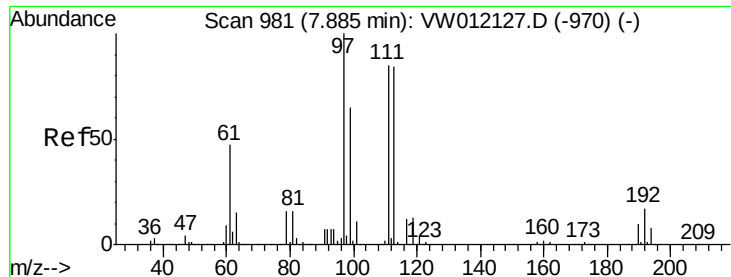


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 48.835 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012214.D

Acq: 27 Aug 2019 16:01

Instrument :

MSVOA_W

ClientSampleId :

PX-13

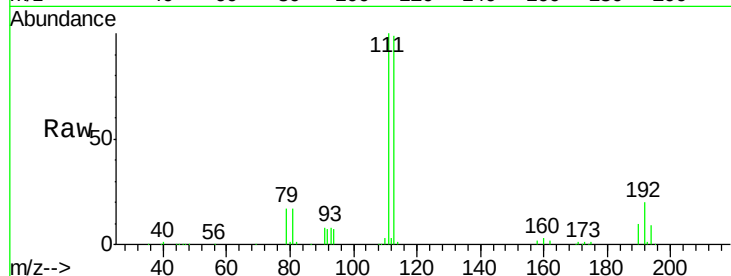
Tot Ion:113 Resp: 123845

Ion Ratio Lower Upper

113 100

111 103.4 82.7 124.1

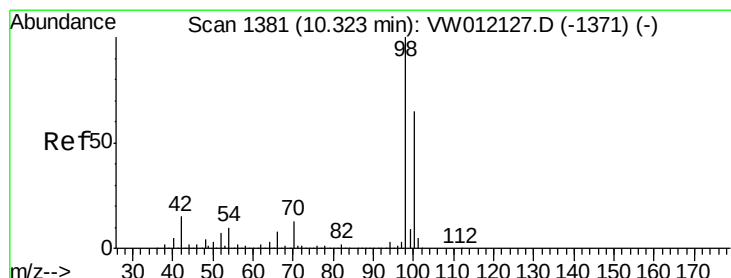
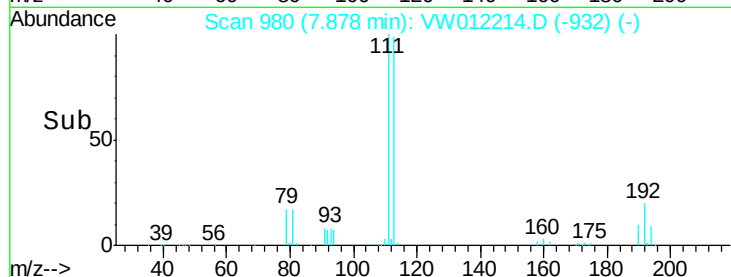
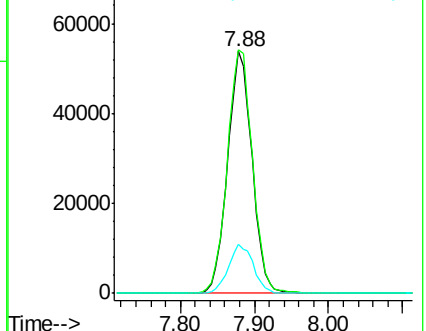
192 20.5 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 51.030 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012214.D

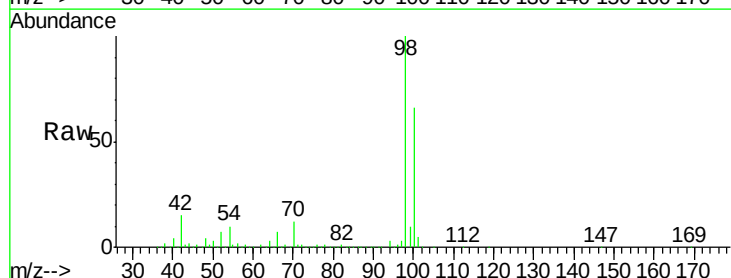
Acq: 27 Aug 2019 16:01

Tgt Ion: 98 Resp: 524723

Ion Ratio Lower Upper

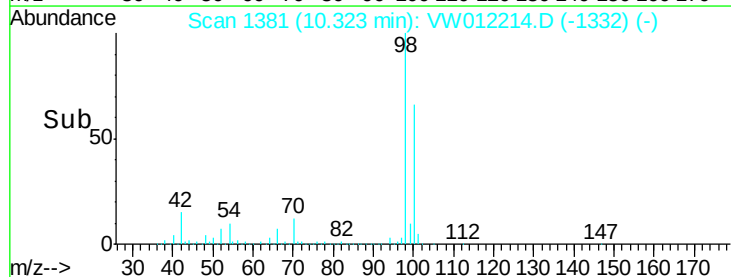
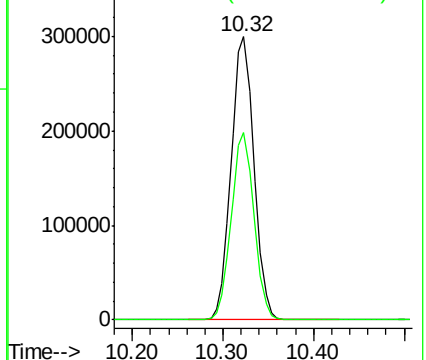
98 100

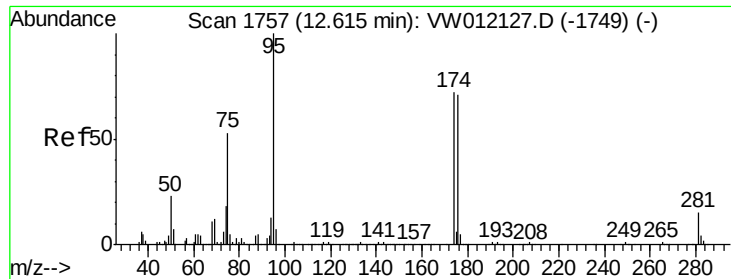
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

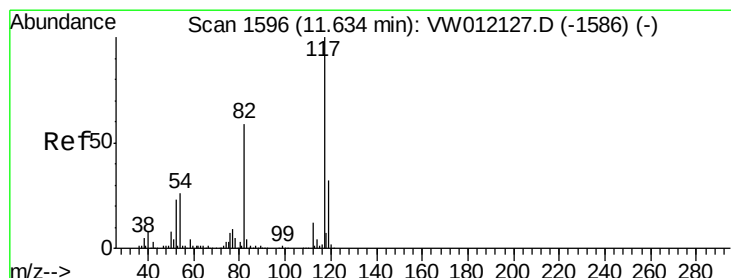
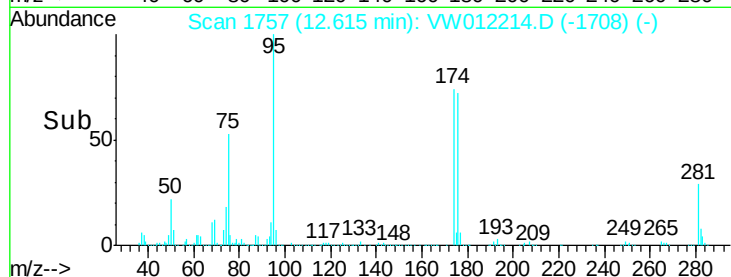
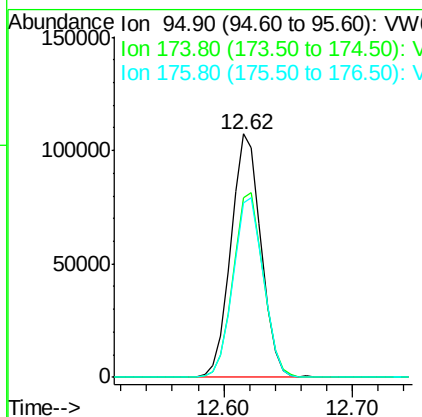
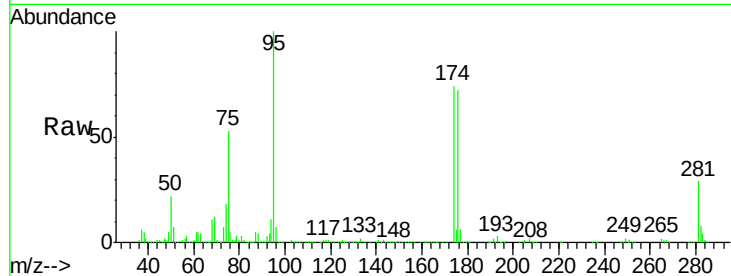




#62
4-Bromofluorobenzene
Concen: 47.941 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012214.D
Acq: 27 Aug 2019 16:01

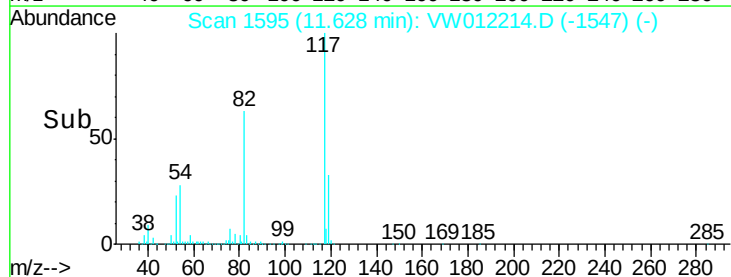
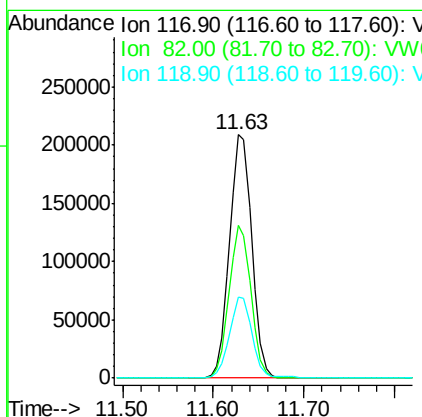
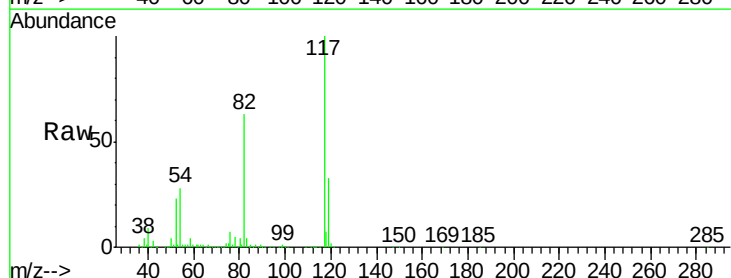
Instrument :
MSVOA_W
ClientSampled :
PX-13

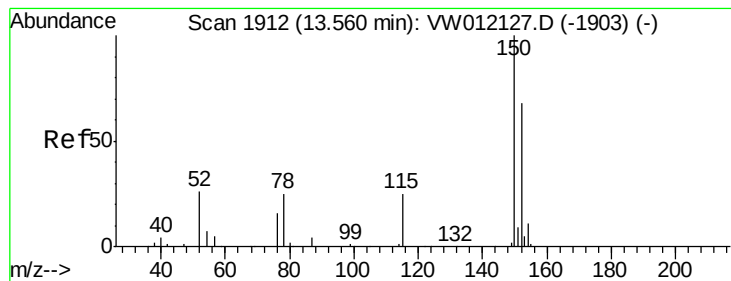
Tot Ion	95	Resp	173768
Ion Ratio	100		
Lower		0.0	150.8
Upper		0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012214.D
Acq: 27 Aug 2019 16:01

Tgt Ion	117	Resp	356212
Ion Ratio	100		
Lower		47.4	71.2
Upper		25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012214.D

Acq: 27 Aug 2019 16:01

Instrument :

MSVOA_W

ClientSampleId :

PX-13

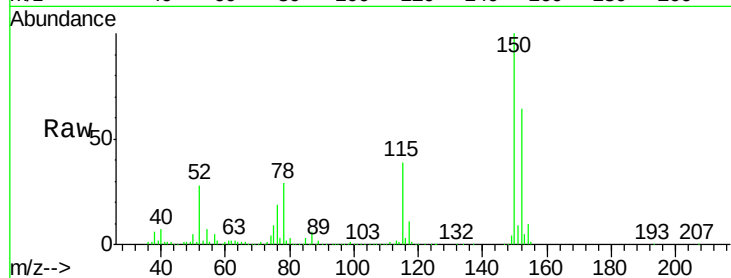
Tot Ion:152 Resp: 153199

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

150 156.5 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

