

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012251.D
 Acq On : 28 Aug 2019 13:58
 Operator : SY/VA
 Sample : K4521-01
 Misc : 4.39G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-04

Quant Time: Aug 28 17:53:40 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

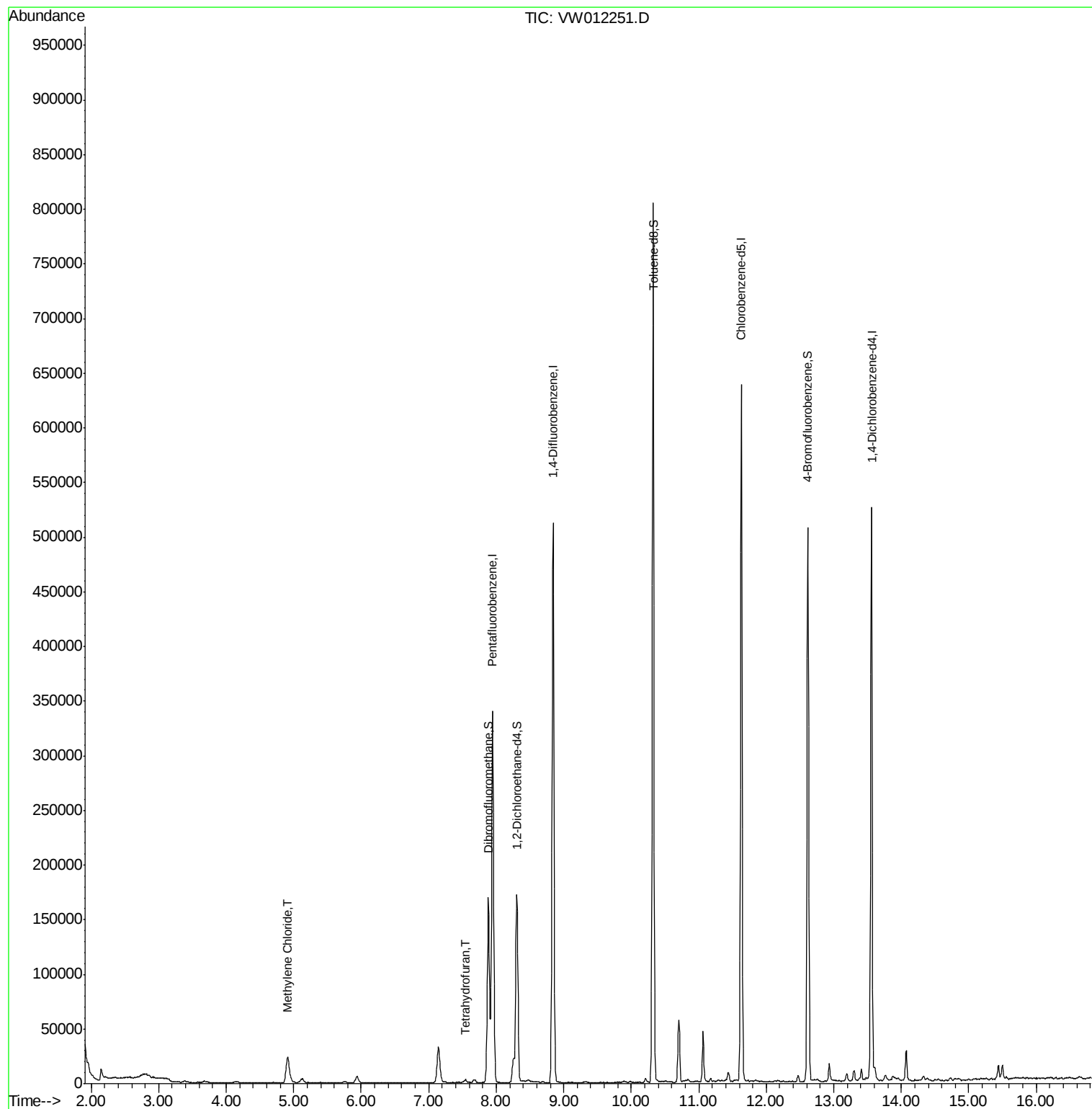
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	137471	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
35) Dibromofluoromethane	7.88	113	117597	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	10.32	98	492702	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.62	95	157463	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
Target Compounds						
20) Methylene Chloride	4.91	84	17663	6.234	ug/l	94
29) Tetrahydrofuran	7.54	42	2348	3.843	ug/l	96

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

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QLast Update : Mon Aug 26 07:18:31 2019
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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: VW012251.D

Acq: 28 Aug 2019 13:58

Instrument :

MSVOA_W

ClientSampled :

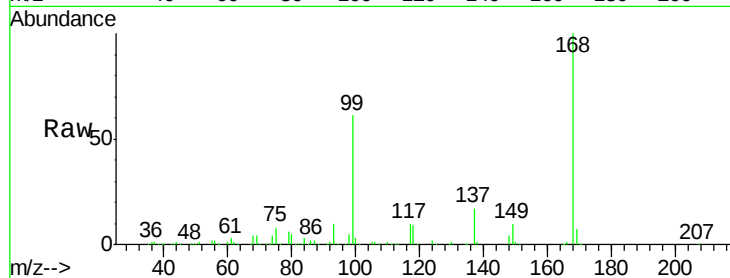
PX-04

Tot Ion:168 Resp: 246656

Ion Ratio Lower Upper

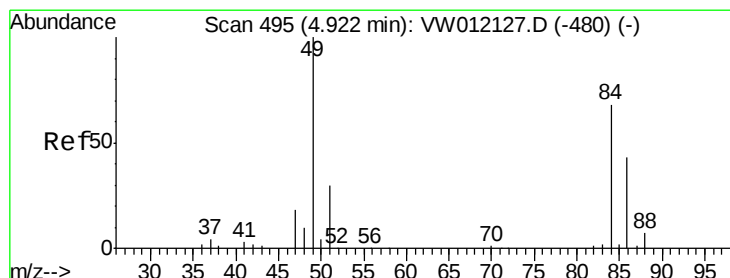
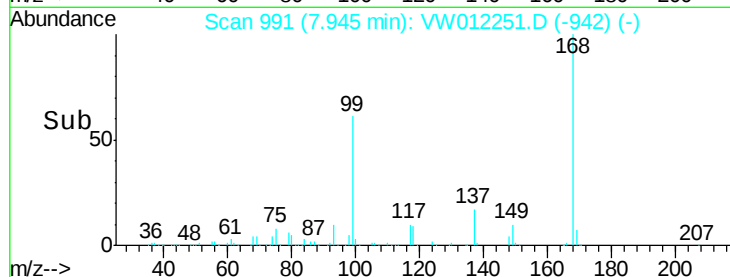
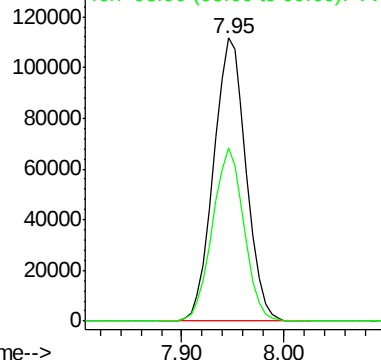
168 100

99 61.1 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: 6.234 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012251.D

Acq: 28 Aug 2019 13:58

Tgt Ion: 84 Resp: 17663

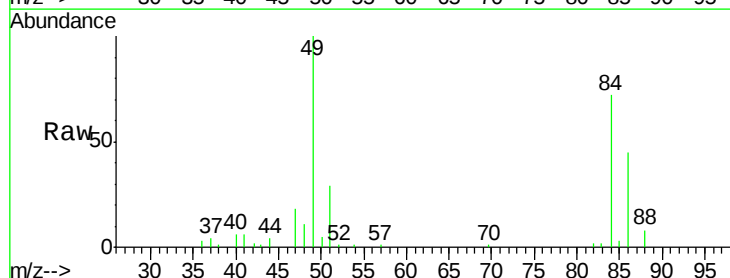
Ion Ratio Lower Upper

84 100

49 137.1 117.8 176.8

51 40.7 35.6 53.4

86 62.6 51.2 76.8

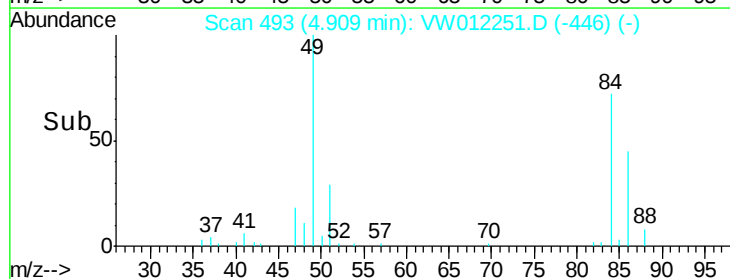
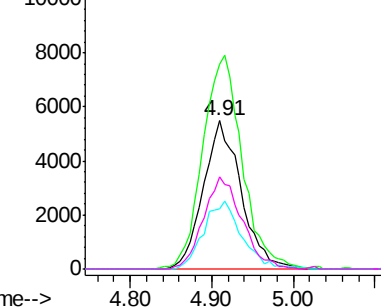


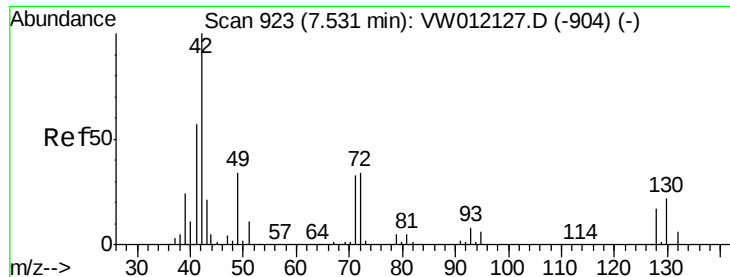
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#29

Tetrahydrofuran

Concen: 3.843 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012251.D

Acq: 28 Aug 2019 13:58

Instrument :

MSVOA_W

ClientSampled :

PX-04

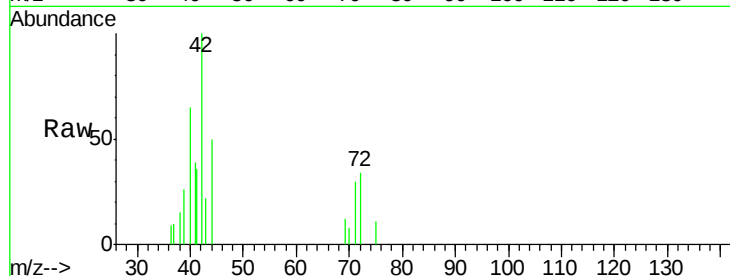
Tot Ion: 42 Resp: 2348

Ion Ratio Lower Upper

42 100

72 35.0 27.3 40.9

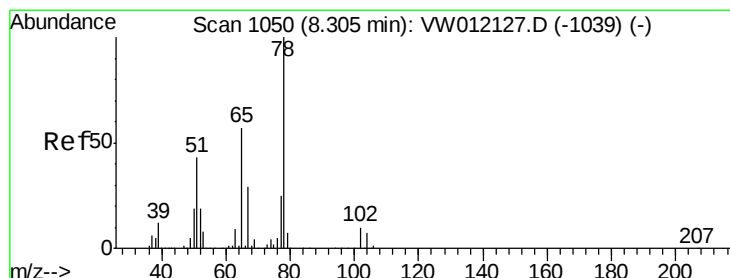
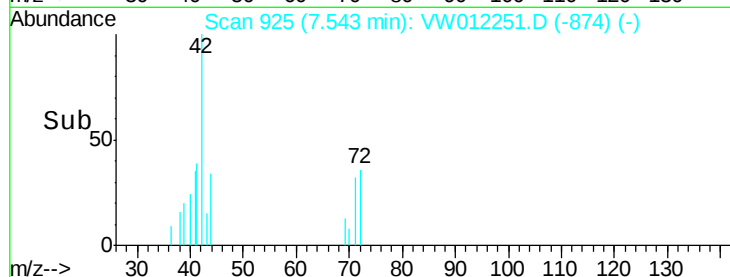
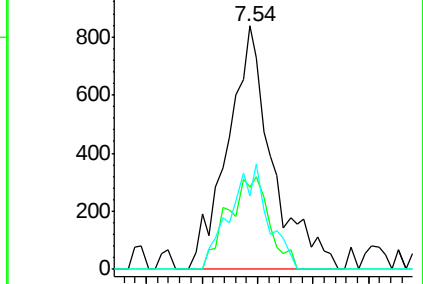
71 36.0 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 46.884 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012251.D

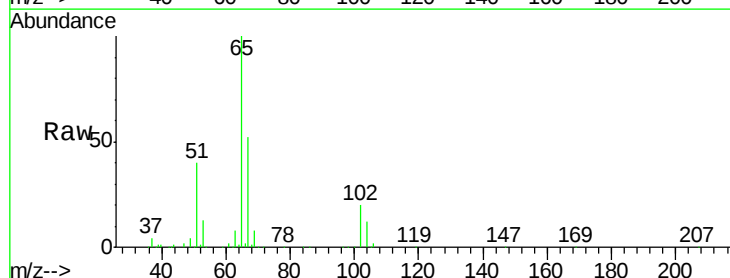
Acq: 28 Aug 2019 13:58

Tgt Ion: 65 Resp: 137471

Ion Ratio Lower Upper

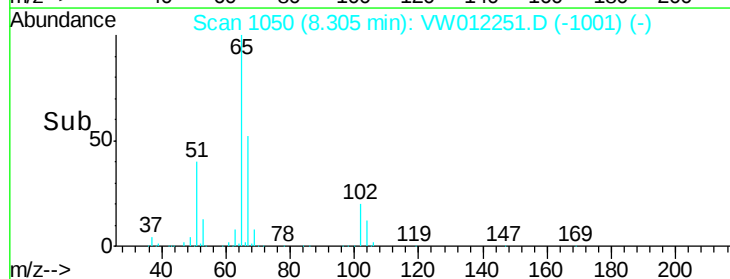
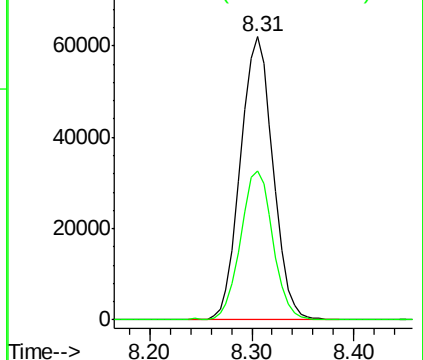
65 100

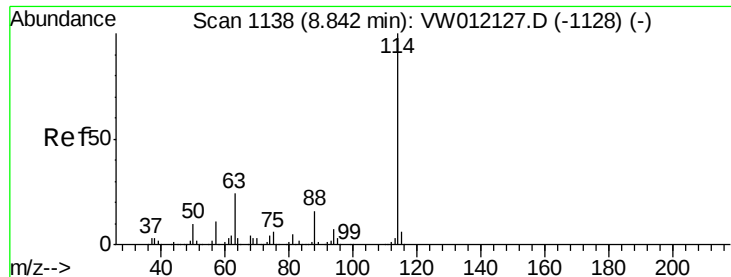
67 52.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

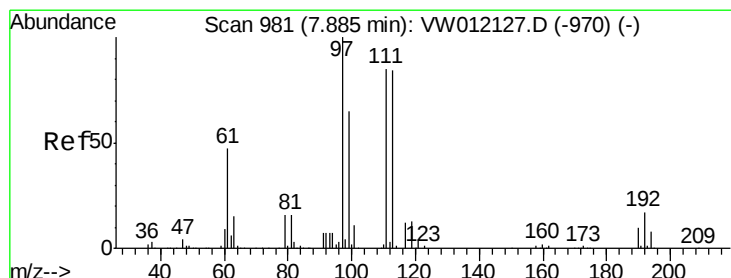
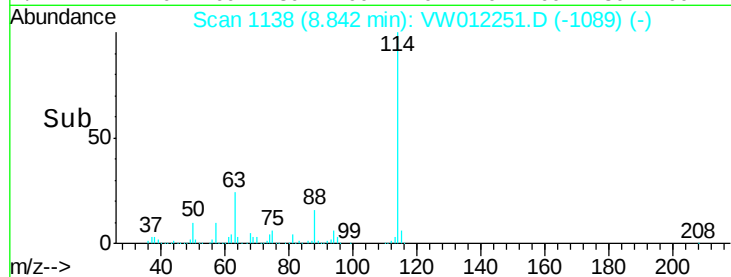
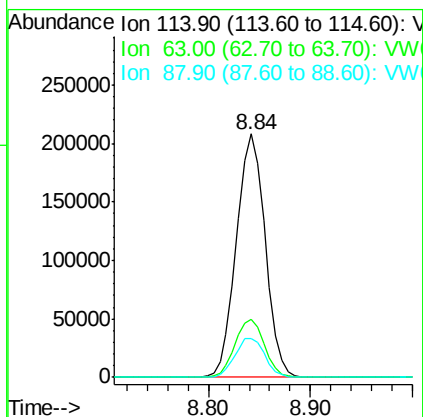
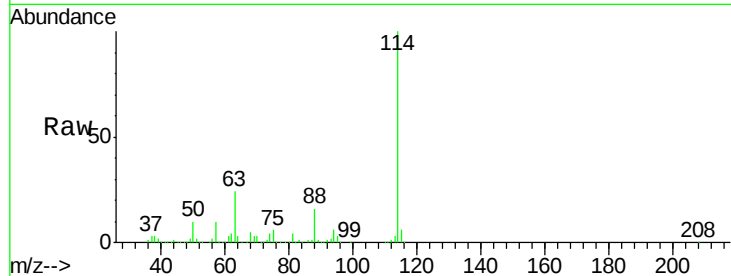




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012251.D
 Acq: 28 Aug 2019 13:58

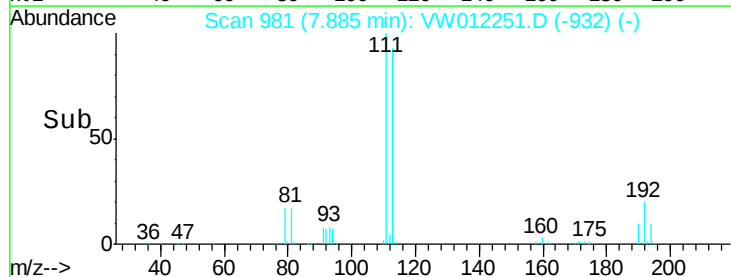
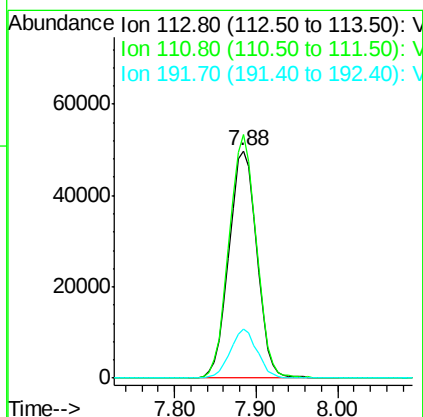
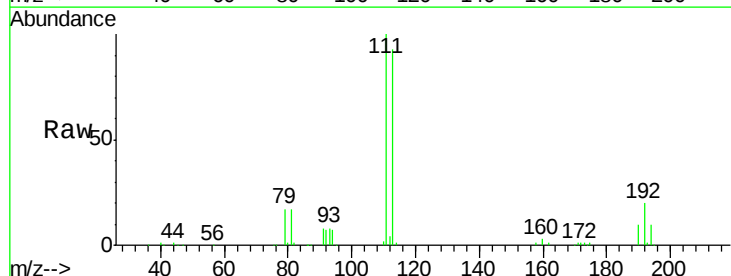
Instrument :
 MSVOA_W
 ClientSampled :
 PX-04

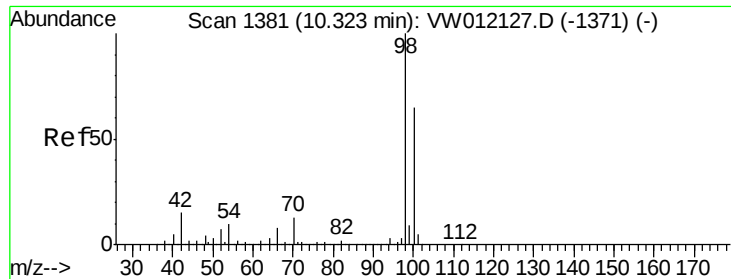
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	48.6
88	16.0	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 48.340 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012251.D
 Acq: 28 Aug 2019 13:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.7	124.1
192	20.9	16.2	24.2





#50

Toluene-d8

Concen: 49.950 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012251.D

Acq: 28 Aug 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

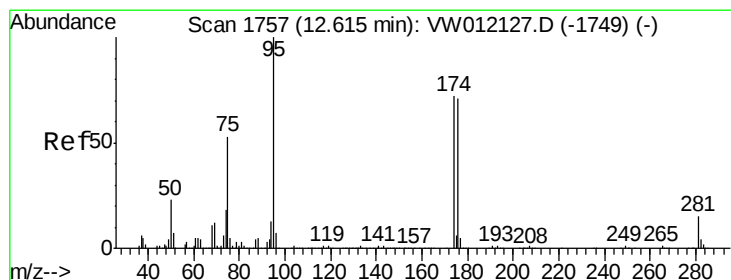
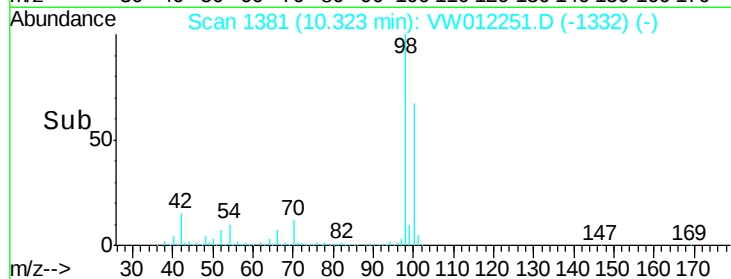
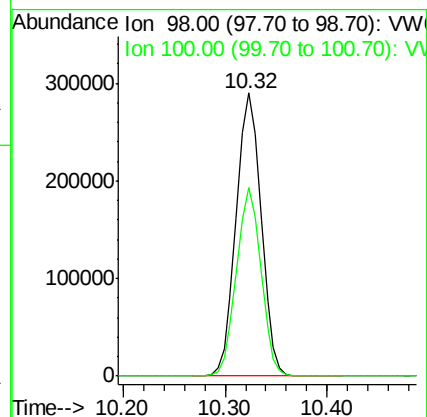
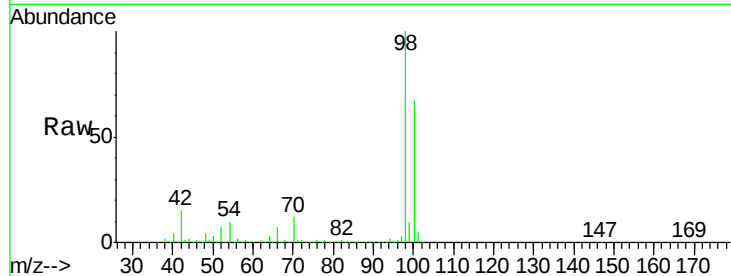
PX-04

Tot Ion: 98 Resp: 492702

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 45.287 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012251.D

Acq: 28 Aug 2019 13:58

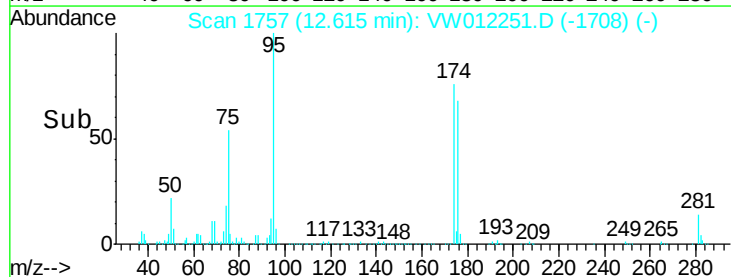
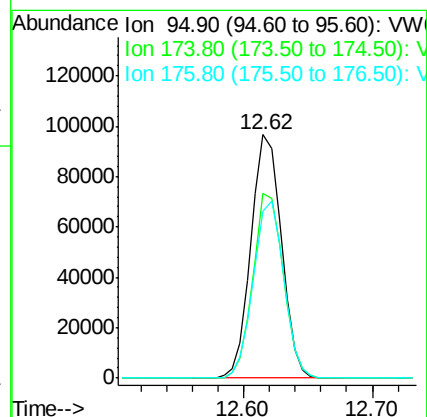
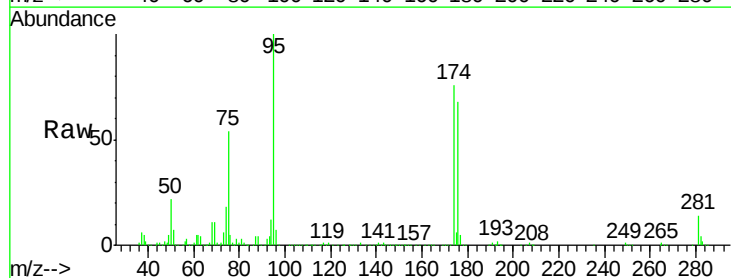
Tgt Ion: 95 Resp: 157463

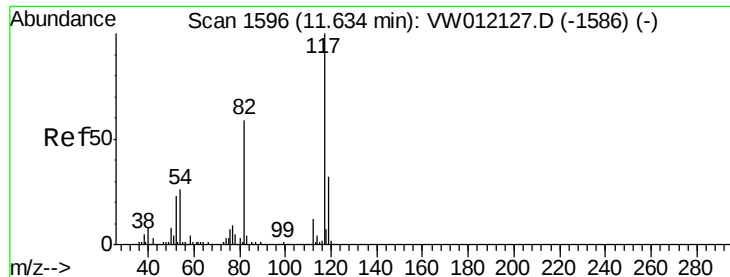
Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.8

176 73.1 0.0 148.6

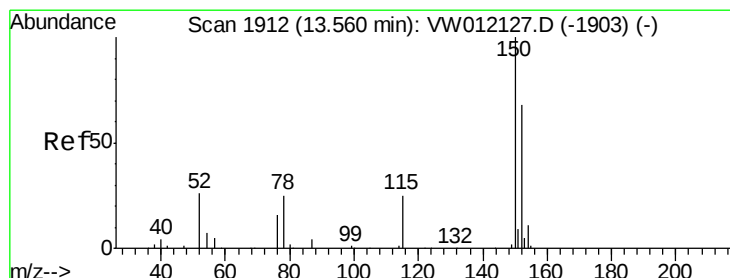
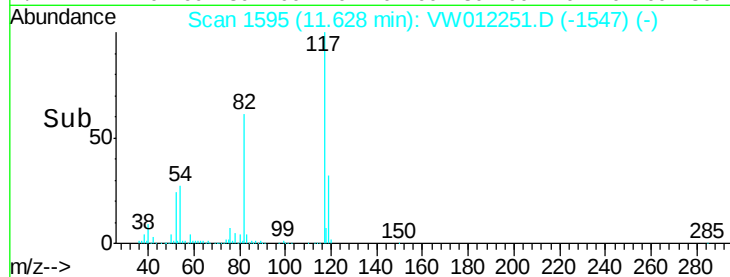
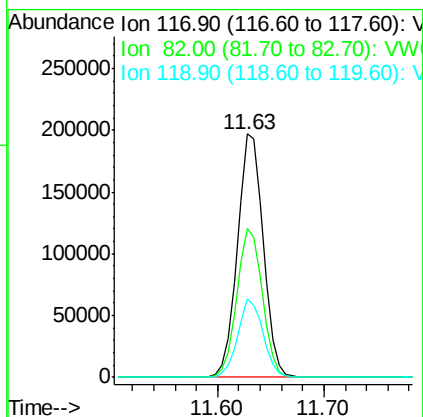
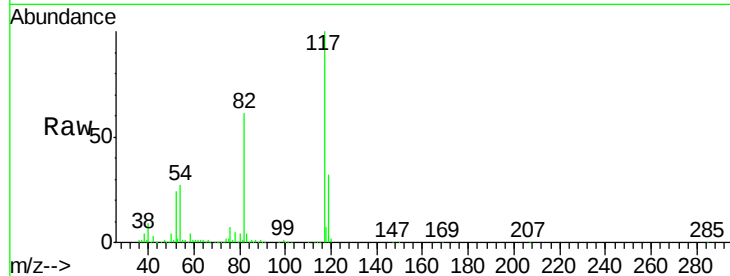




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012251.D
Acq: 28 Aug 2019 13:58

Instrument :
MSVOA_W
ClientSampleId :
PX-04

Tot Ion:117 Resp: 335850
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 31.9 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: VW012251.D
Acq: 28 Aug 2019 13:58

Tgt Ion:152 Resp: 135976
Ion Ratio Lower Upper
152 100
115 59.0 30.1 90.3
150 155.1 0.0 345.8

