

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012205.D
 Acq On : 27 Aug 2019 11:58
 Operator : SY/VA
 Sample : K4521-01
 Misc : 4.26G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-04

Quant Time: Aug 28 05:29:20 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

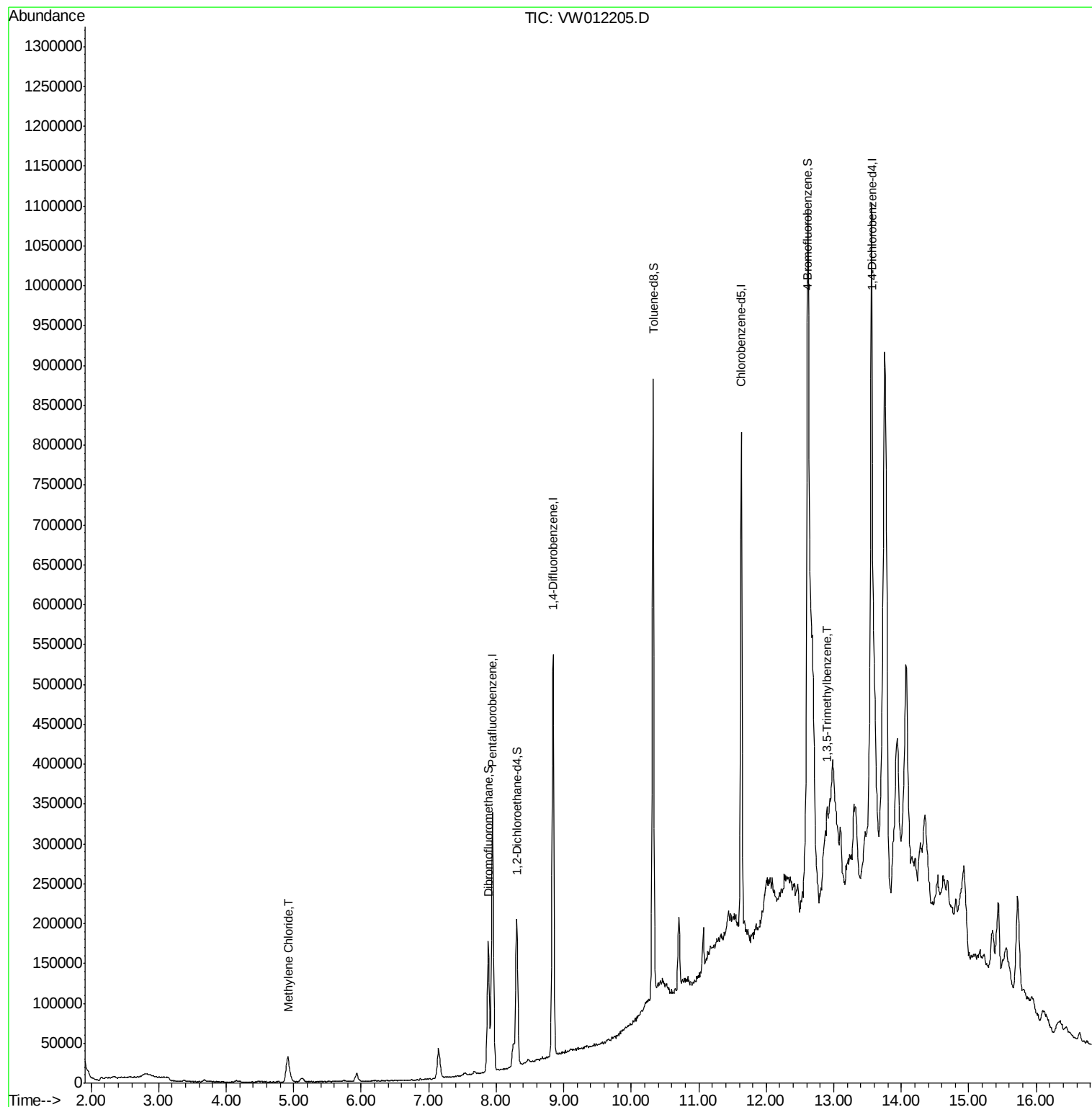
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	399935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143328	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
35) Dibromofluoromethane	7.88	113	117073	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.32	98	490647	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.62	95	293964	86.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	172.32%	
Target Compounds						
20) Methylene Chloride	4.91	84	24967	8.990	ug/l	96
80) 1,3,5-Trimethylbenzene	12.90	105	26174	2.873	ug/l	67

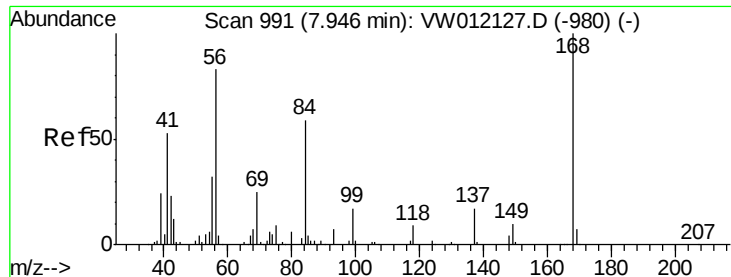
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
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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: VW012205.D

Acq: 27 Aug 2019 11:58

Instrument :

MSVOA_W

ClientSampled :

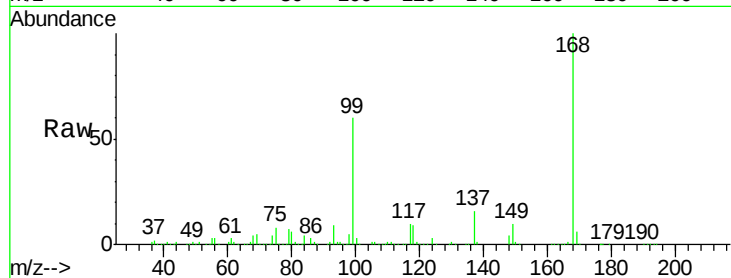
PX-04

Tot Ion:168 Resp: 241746

Ion Ratio Lower Upper

168 100

99 60.5 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

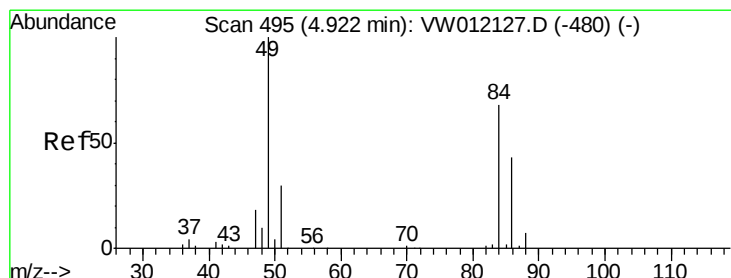
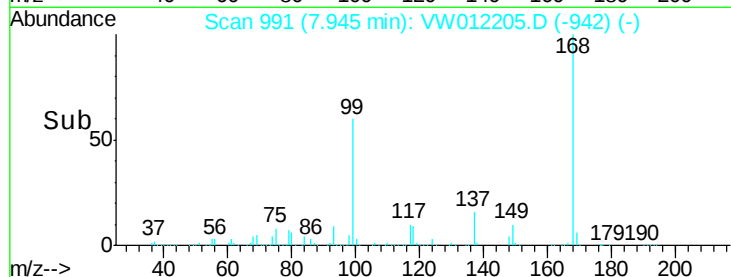
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 8.990 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012205.D

Acq: 27 Aug 2019 11:58

Tgt Ion: 84 Resp: 24967

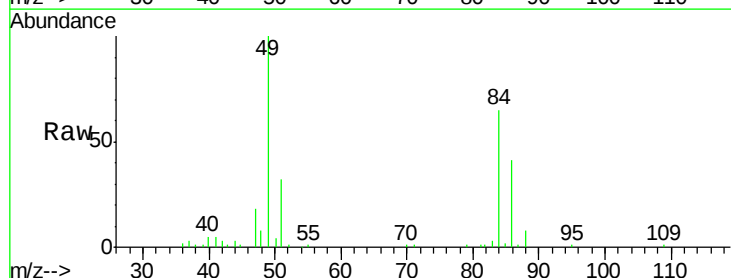
Ion Ratio Lower Upper

84 100

49 153.0 117.8 176.8

51 48.7 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

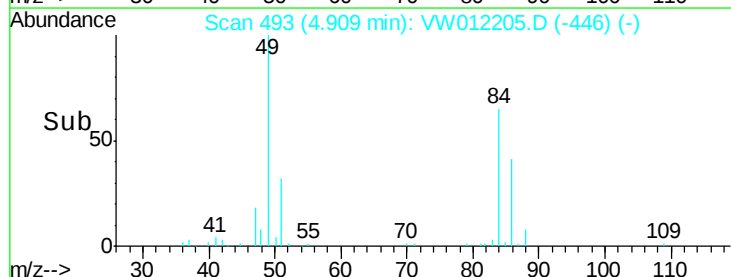
15000

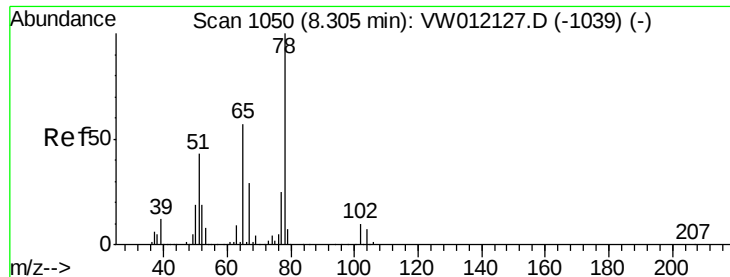
10000

5000

0

Time--> 4.80 4.90 5.00 5.10

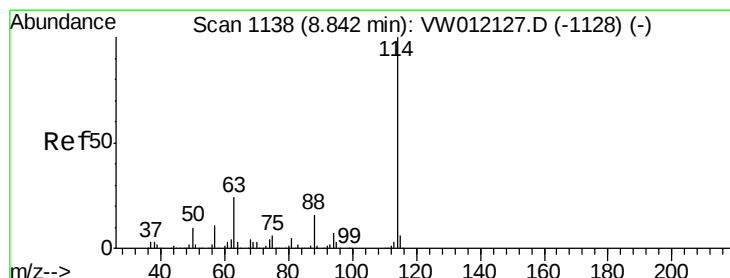
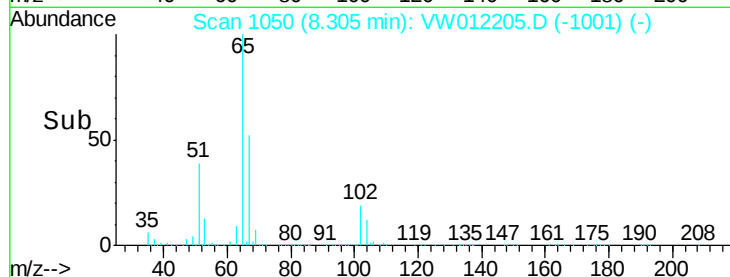
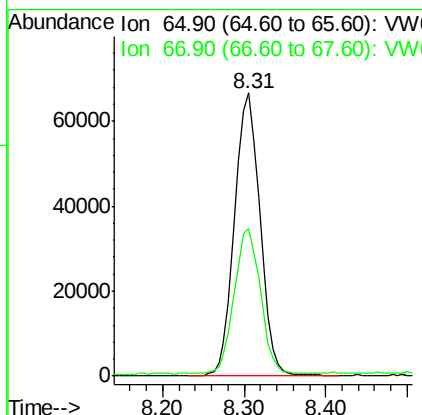
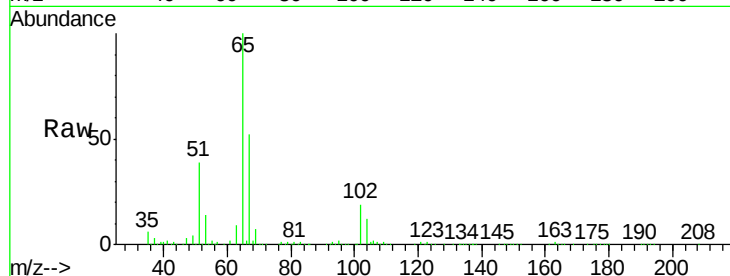




#33
 1,2-Dichloroethane-d4
 Concen: 49.875 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012205.D
 Acq: 27 Aug 2019 11:58

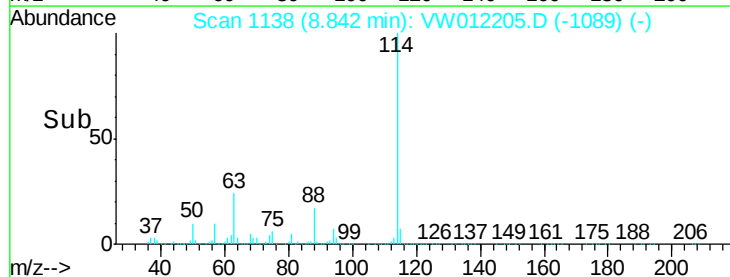
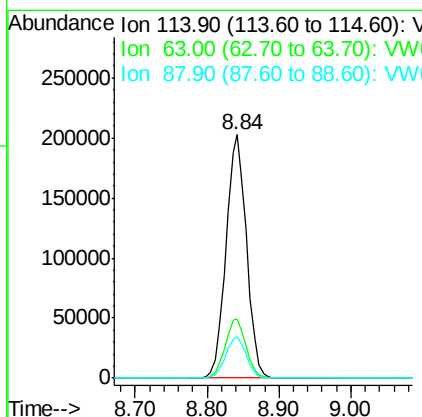
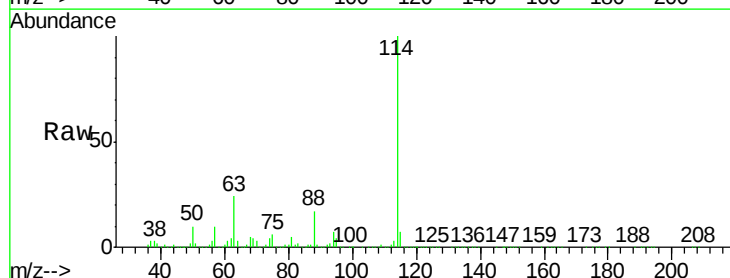
Instrument :
 MSVOA_W
 ClientSampled :
 PX-04

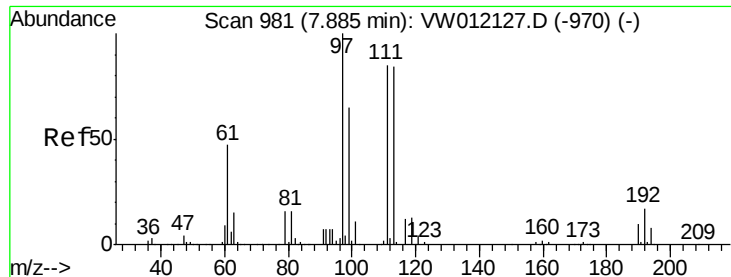
Tot Ion: 65 Resp: 143328
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012205.D
 Acq: 27 Aug 2019 11:58

Tgt Ion: 114 Resp: 399935
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.6
 88 17.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.041 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012205.D

Acq: 27 Aug 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

PX-04

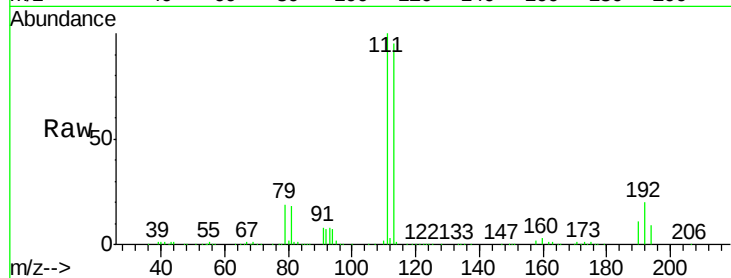
Tot Ion:113 Resp: 117073

Ion Ratio Lower Upper

113 100

111 105.3 82.7 124.1

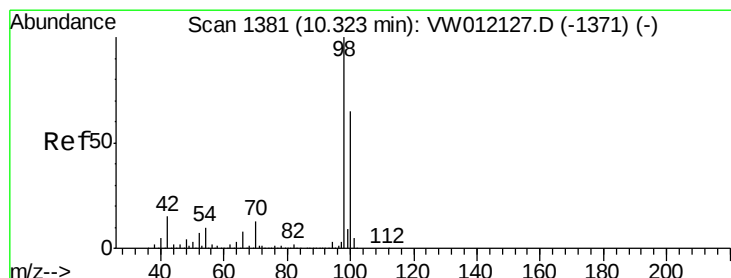
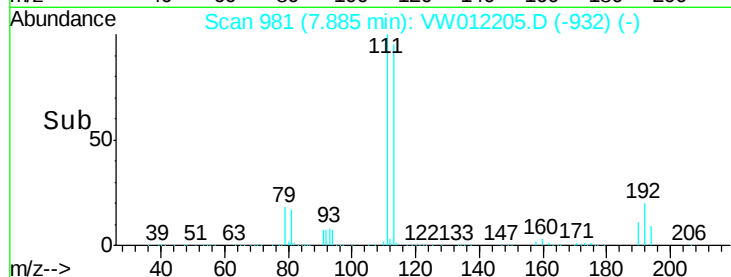
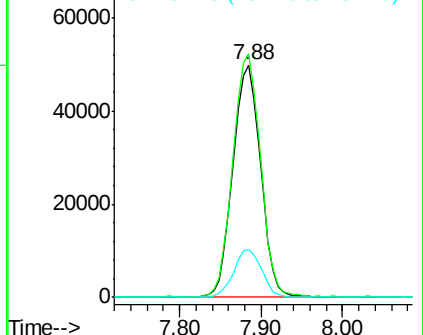
192 20.8 16.2 24.2



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: 50.689 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012205.D

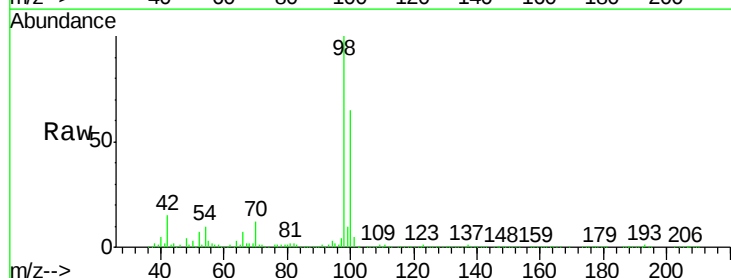
Acq: 27 Aug 2019 11:58

Tgt Ion: 98 Resp: 490647

Ion Ratio Lower Upper

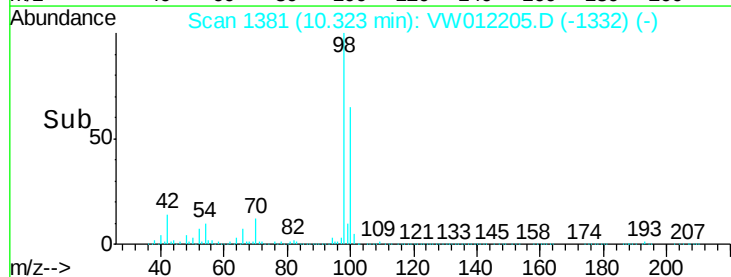
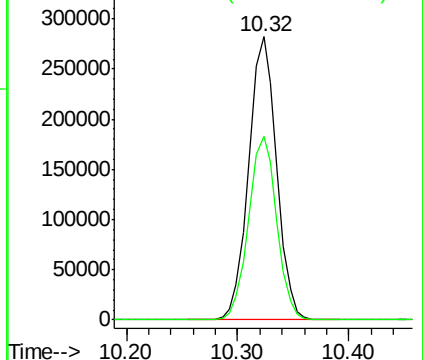
98 100

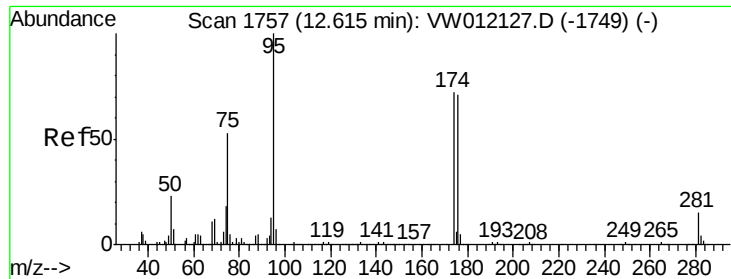
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

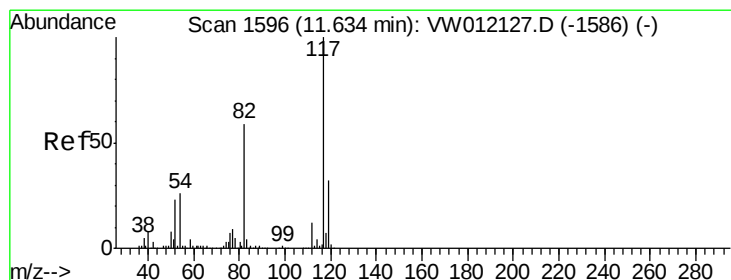
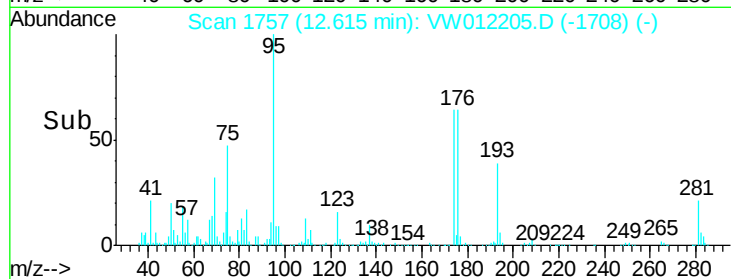
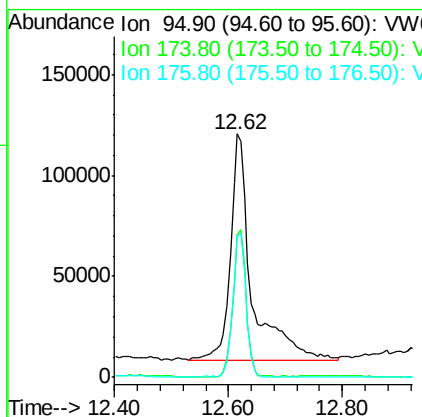
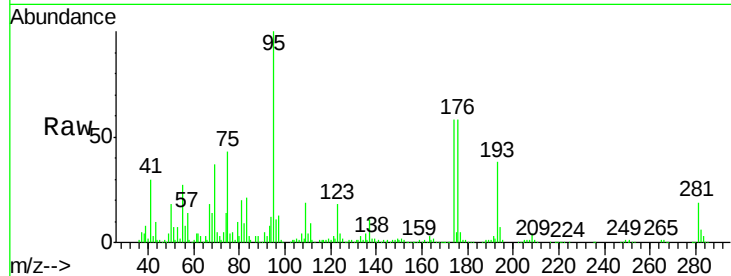




#62
4-Bromofluorobenzene
Concen: 86.156 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012205.D
Acq: 27 Aug 2019 11:58

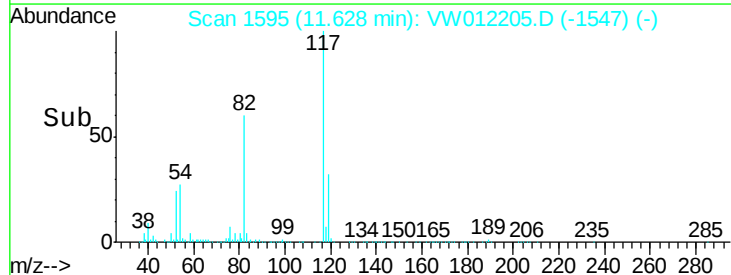
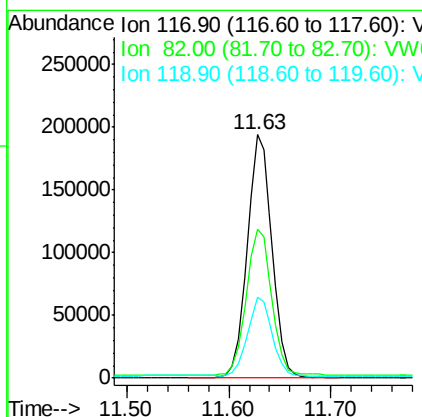
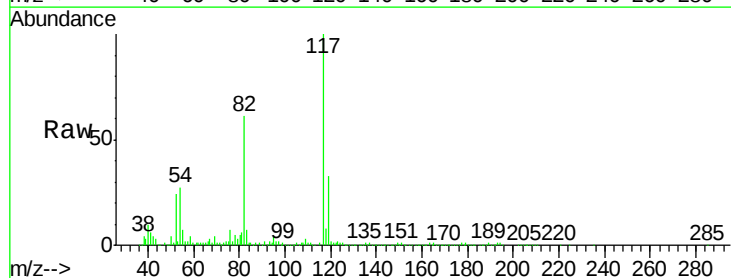
Instrument :
MSVOA_W
ClientSampleId :
PX-04

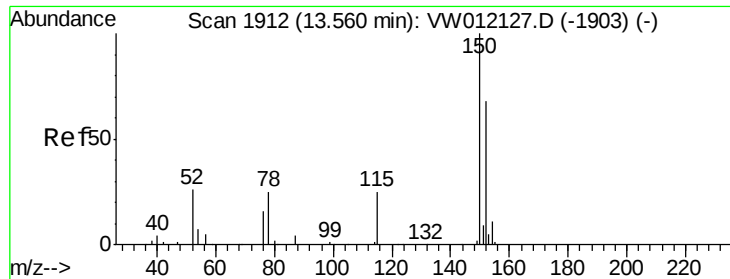
Tot Ion	Ratio	Lower	Upper
95	100		
174	40.1	0.0	150.8
176	39.5	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012205.D
Acq: 27 Aug 2019 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.4	71.2
119	32.3	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: VW012205.D

Acq: 27 Aug 2019 11:58

Instrument :

MSVOA_W

ClientSampled :

PX-04

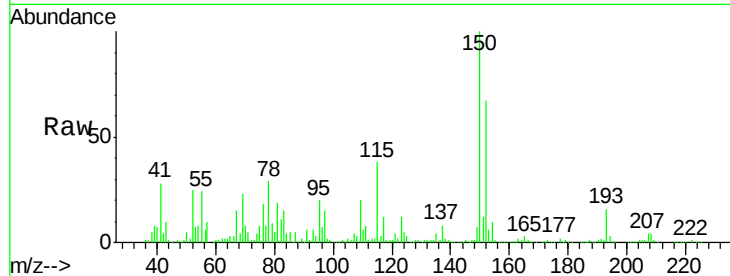
Tot Ion:152 Resp: 145520

Ion Ratio Lower Upper

152 100

115 55.3 30.1 90.3

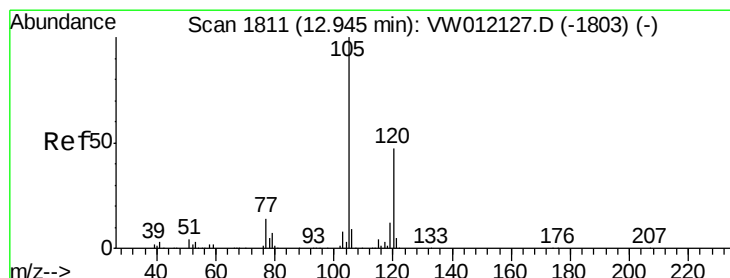
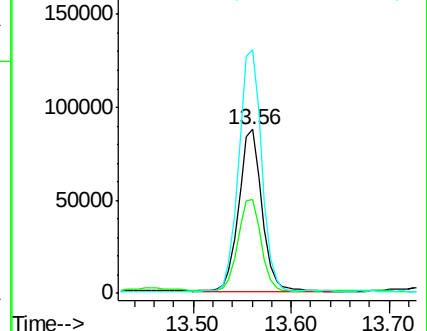
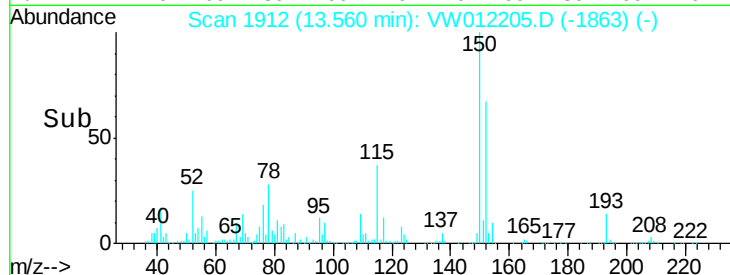
150 145.6 0.0 345.8



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



#80

1,3,5-Trimethylbenzene

Concen: 2.873 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. -0.04 min

Lab File: VW012205.D

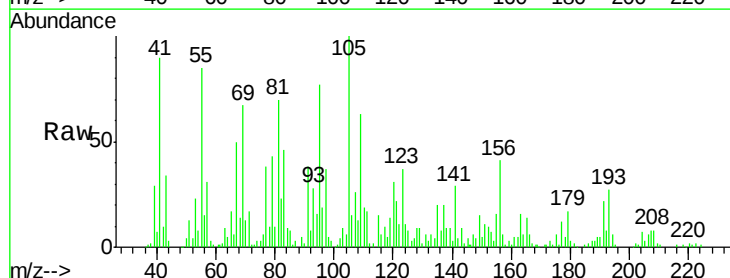
Acq: 27 Aug 2019 11:58

Tgt Ion:105 Resp: 26174

Ion Ratio Lower Upper

105 100

120 25.8 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

