

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012206.D
 Acq On : 27 Aug 2019 12:24
 Operator : SY/VA
 Sample : K4521-02
 Misc : 4.98G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-05

Quant Time: Aug 28 05:32:39 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

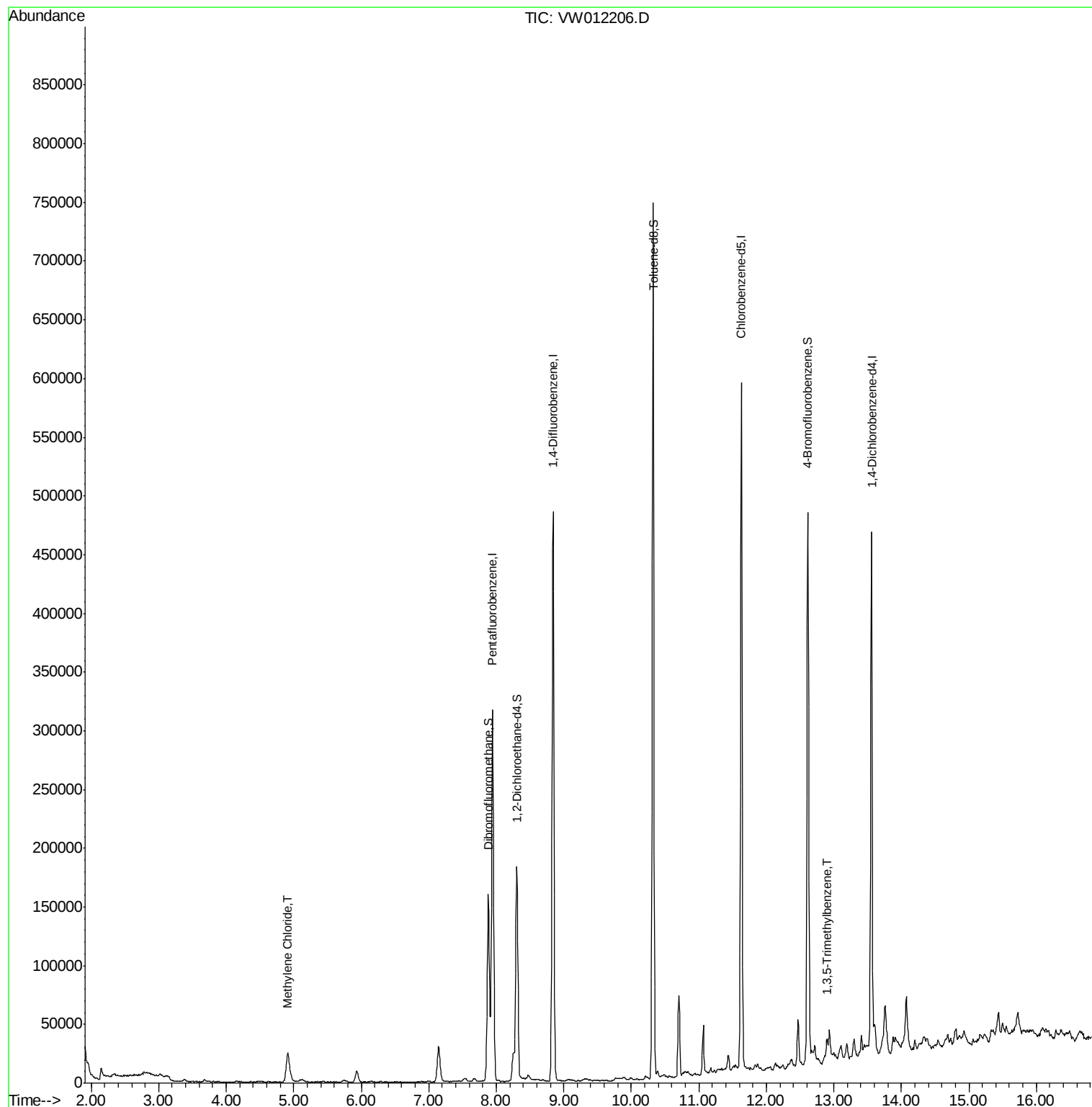
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	382584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	309115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141227	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
35) Dibromofluoromethane	7.88	113	115046	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	10.32	98	463293	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.62	95	144916	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
Target Compounds						
20) Methylene Chloride	4.92	84	18871	7.106	ug/l	96
80) 1,3,5-Trimethylbenzene	12.90	105	11724	1.697	ug/l	69

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

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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: VW012206.D

Acq: 27 Aug 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

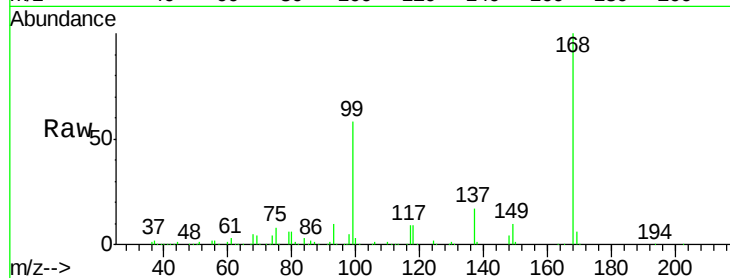
PX-05

Tot Ion:168 Resp: 231165

Ion Ratio Lower Upper

168 100

99 57.9 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

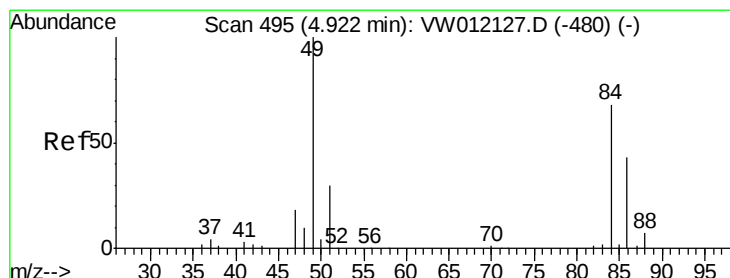
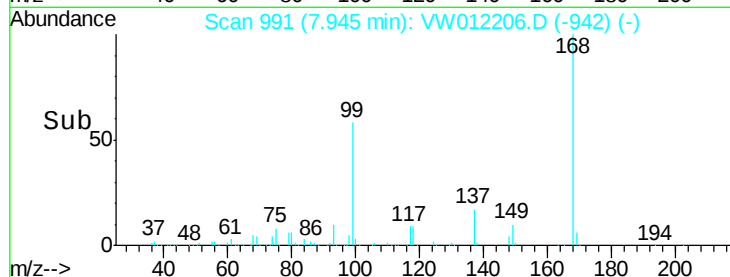
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 7.106 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012206.D

Acq: 27 Aug 2019 12:24

Tgt Ion: 84 Resp: 18871

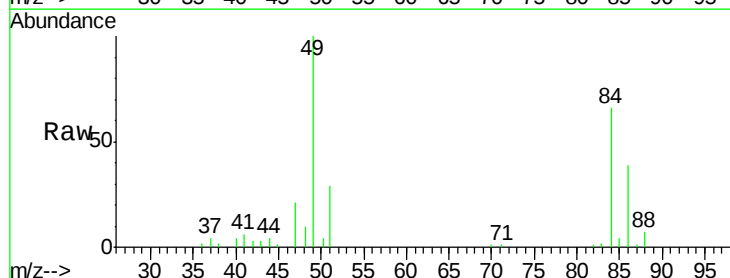
Ion Ratio Lower Upper

84 100

49 152.2 117.8 176.8

51 43.5 35.6 53.4

86 59.6 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

12000

10000

8000

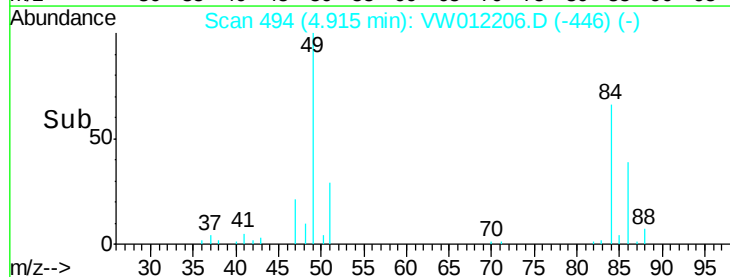
6000

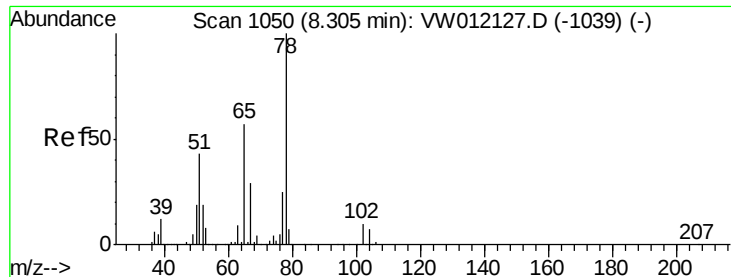
4000

2000

0

Time--> 4.80 4.90 5.00

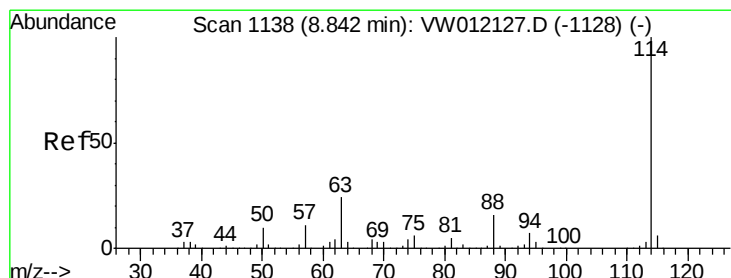
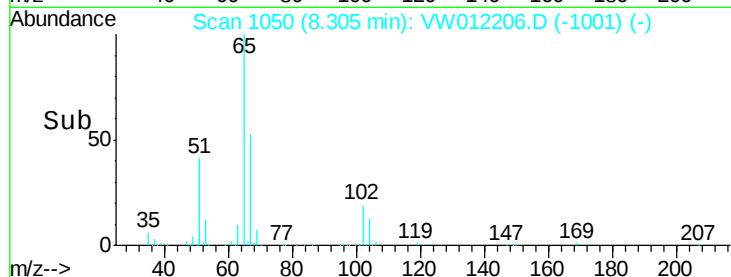
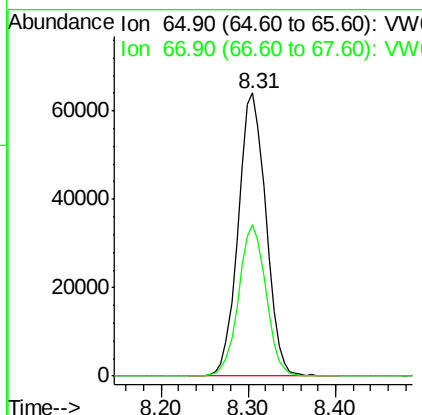
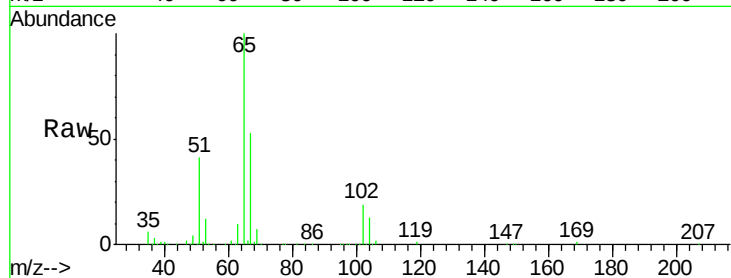




#33
 1,2-Dichloroethane-d4
 Concen: 51.393 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012206.D
 Acq: 27 Aug 2019 12:24

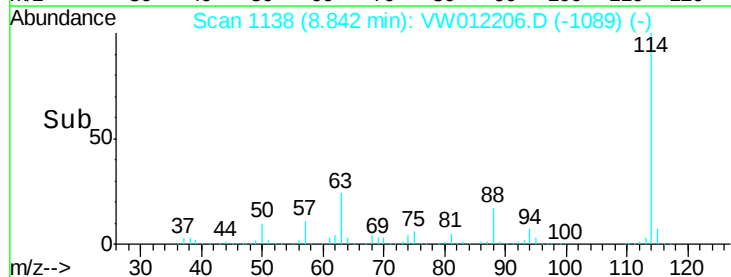
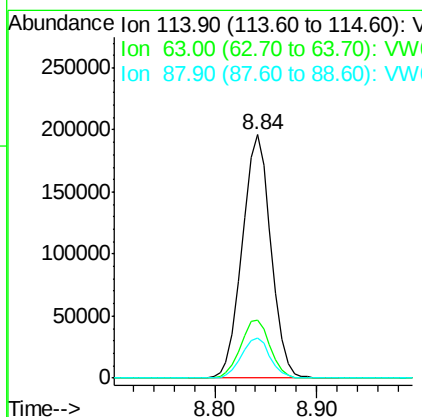
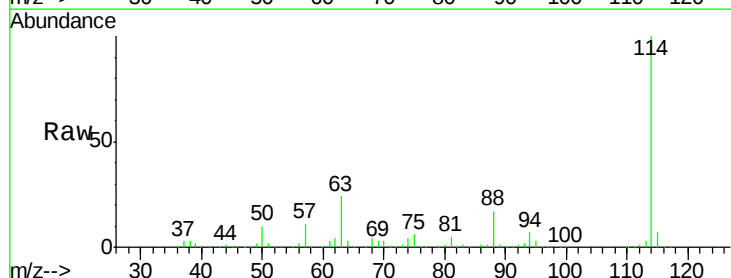
Instrument :
 MSVOA_W
 ClientSampleId :
 PX-05

Tot Ion: 65 Resp: 141227
 Ion Ratio Lower Upper
 65 100
 67 53.1 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: VW012206.D
 Acq: 27 Aug 2019 12:24

Tgt Ion: 114 Resp: 382584
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 48.6
 88 16.6 0.0 32.2

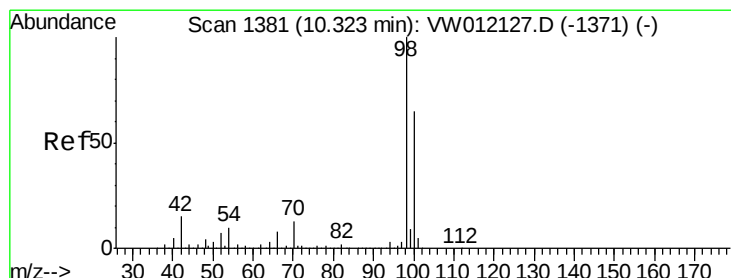
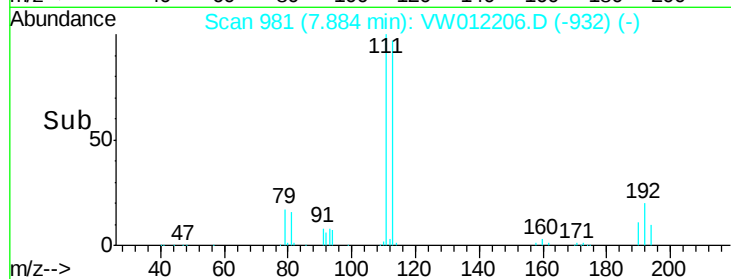
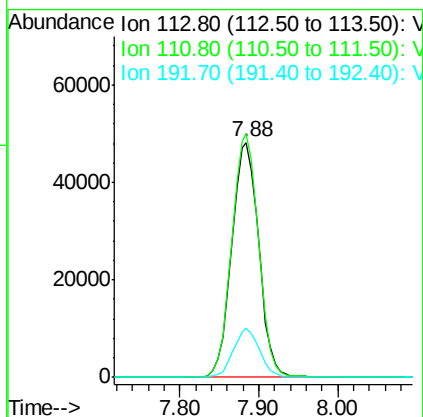
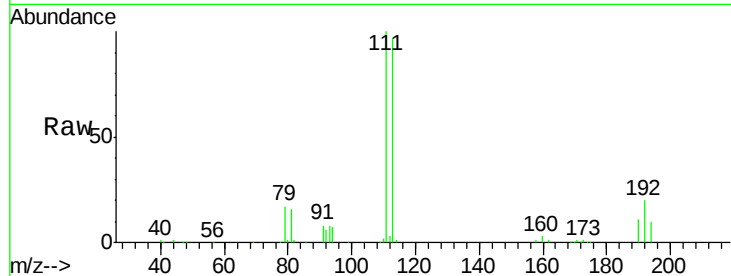




#35
 Dibromofluoromethane
 Concen: 50.378 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012206.D
 Acq: 27 Aug 2019 12:24

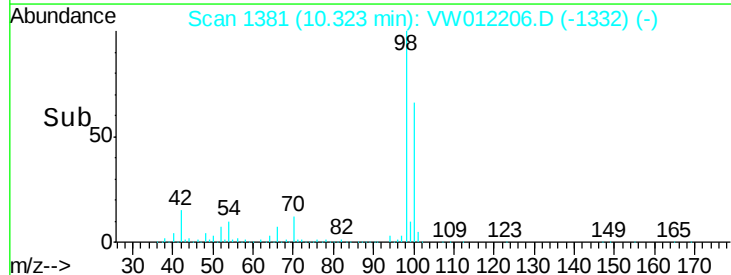
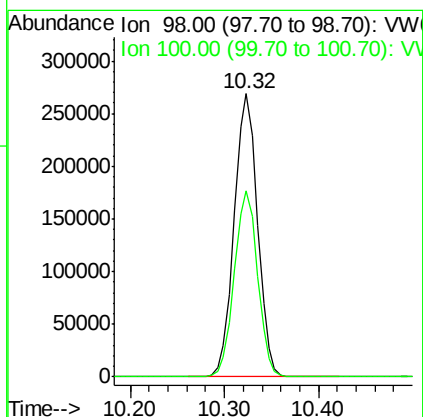
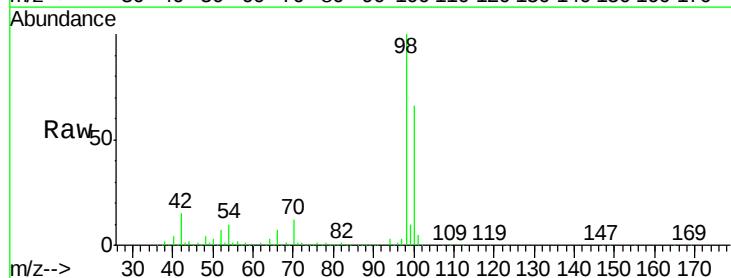
Instrument :
 MSVOA_W
 ClientSampleId :
 PX-05

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	20.2	16.2	24.2



#50
 Toluene-d8
 Concen: 50.034 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012206.D
 Acq: 27 Aug 2019 12:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6

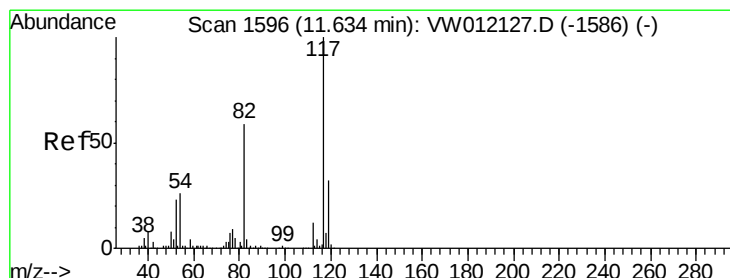
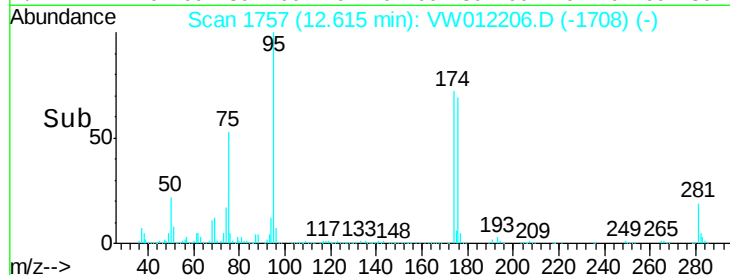
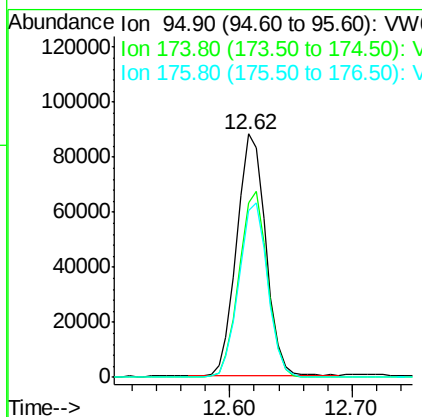
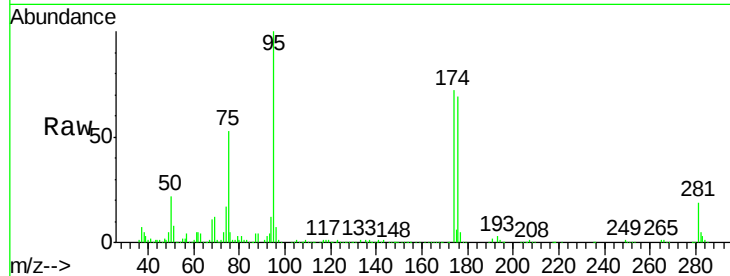




#62
4-Bromofluorobenzene
Concen: 44.398 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012206.D
Acq: 27 Aug 2019 12:24

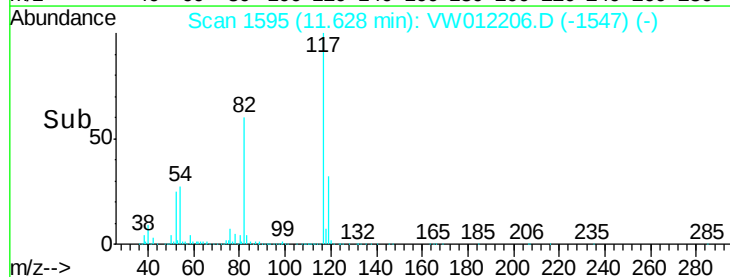
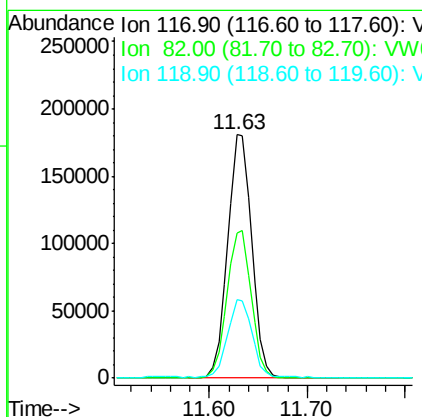
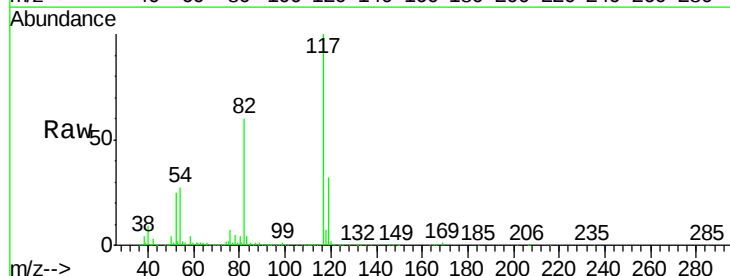
Instrument :
MSVOA_W
ClientSampleId :
PX-05

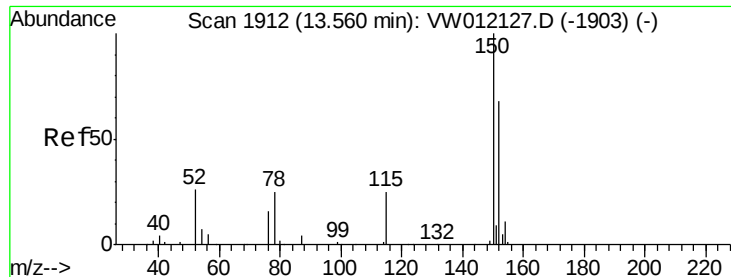
Tot Ion: 95 Resp: 144916
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.8
176 71.4 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012206.D
Acq: 27 Aug 2019 12:24

Tgt Ion: 117 Resp: 309115
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 32.0 25.4 38.2



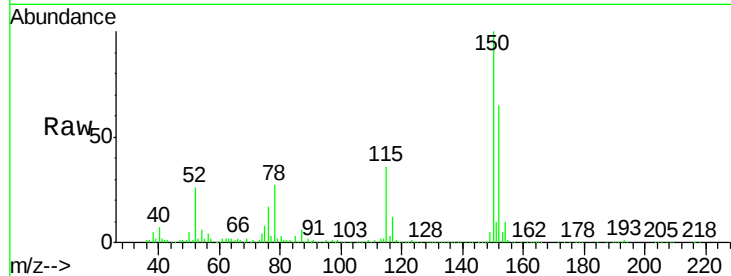


#72

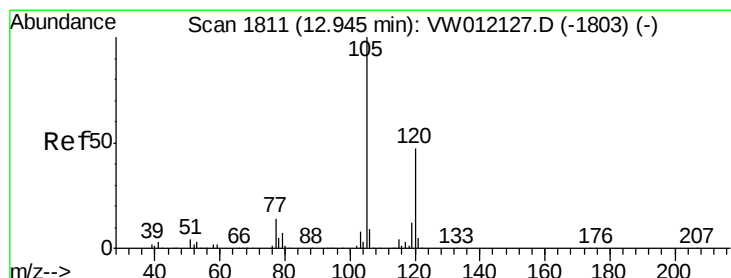
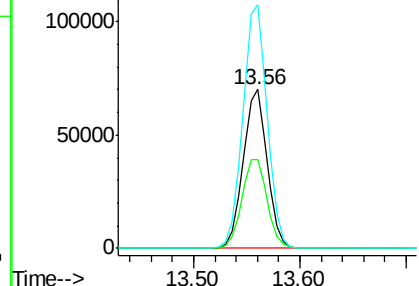
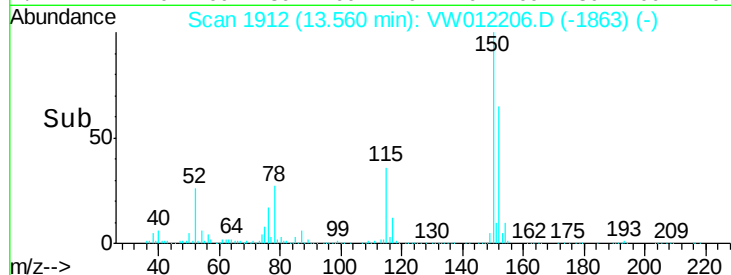
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012206.D
Acq: 27 Aug 2019 12:24

Instrument :
MSVOA_W
ClientSampleId :
PX-05

Tot Ion:152 Resp: 110368
Ion Ratio Lower Upper
152 100
115 59.0 30.1 90.3
150 155.4 0.0 345.8



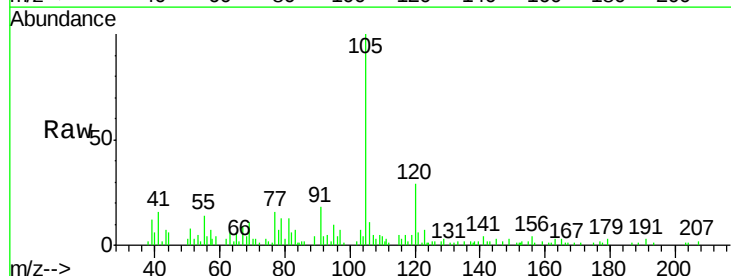
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene
Concen: 1.697 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.05 min
Lab File: VW012206.D
Acq: 27 Aug 2019 12:24

Tgt Ion:105 Resp: 11724
Ion Ratio Lower Upper
105 100
120 27.1 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

