

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012181.D
 Acq On : 26 Aug 2019 19:57
 Operator : SY/VA
 Sample : K4474-08RE
 Misc : 5.35G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F4-(2.5)RE

Quant Time: Aug 27 05:54:03 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

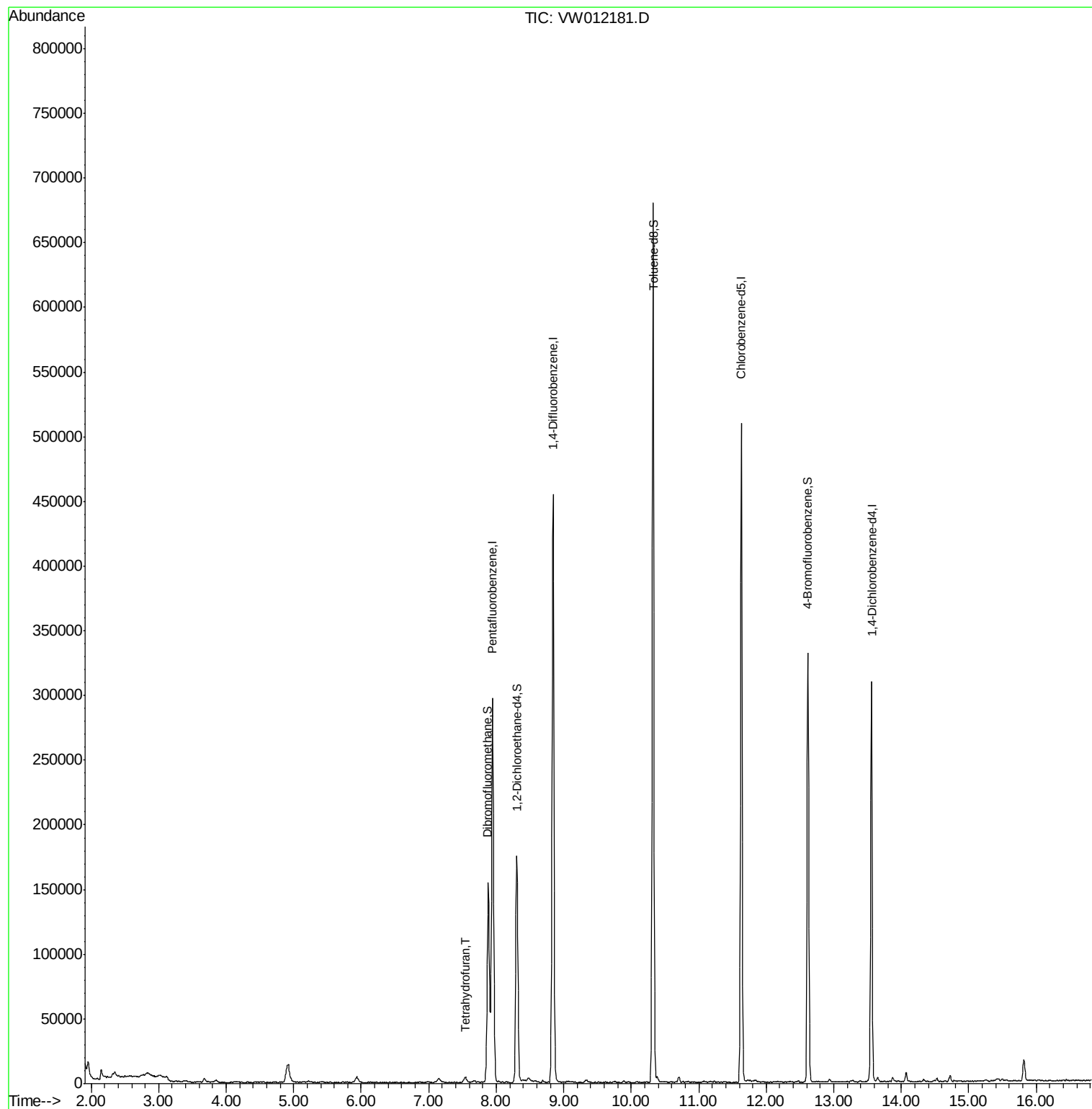
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	263271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138251	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
35) Dibromofluoromethane	7.88	113	110429	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
50) Toluene-d8	10.32	98	424085	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.62	95	108838	36.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.92%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	3860	7.368	ug/l	99

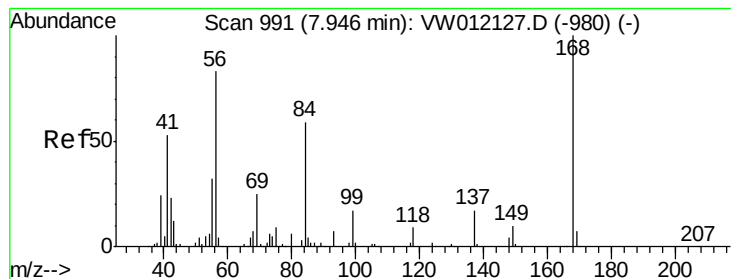
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012181.D

Acq: 26 Aug 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

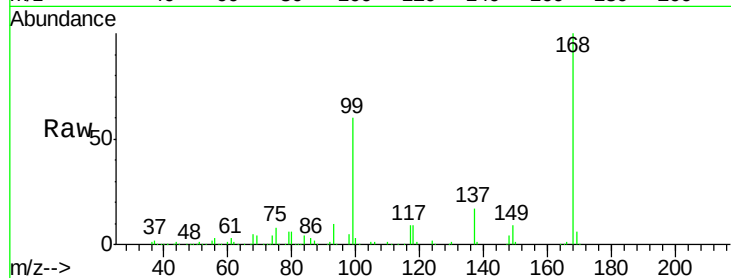
T1-2-F4(2.5)RE

Tot Ion:168 Resp: 211479

Ion Ratio Lower Upper

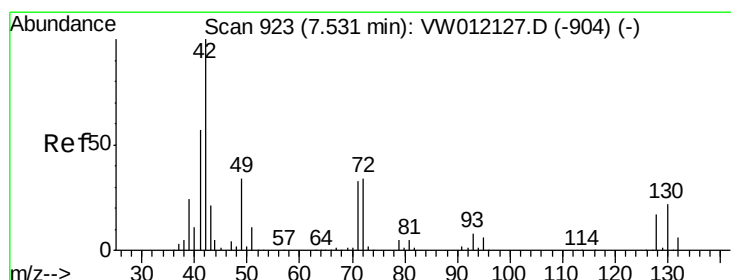
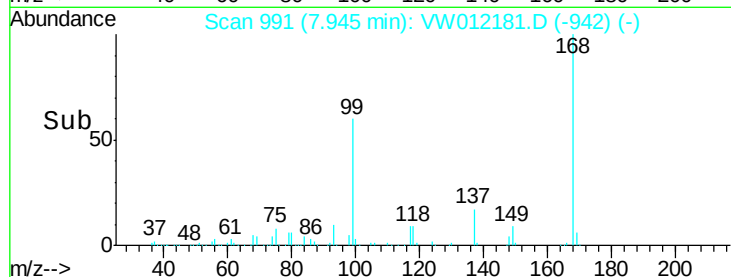
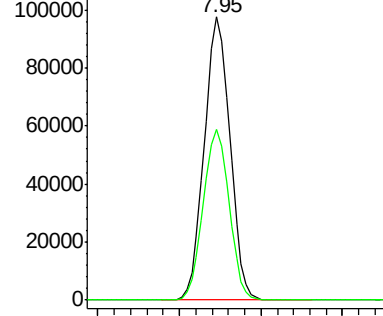
168 100

99 60.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#29

Tetrahydrofuran

Concen: 7.368 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012181.D

Acq: 26 Aug 2019 19:57

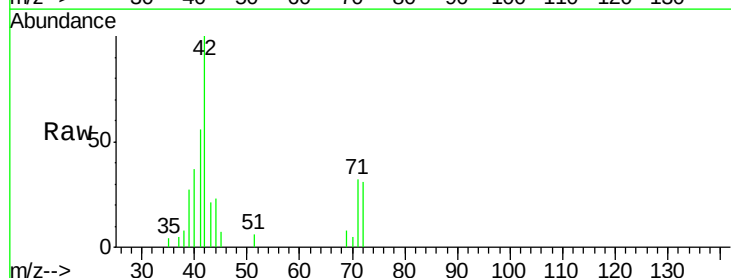
Tgt Ion: 42 Resp: 3860

Ion Ratio Lower Upper

42 100

72 34.4 27.3 40.9

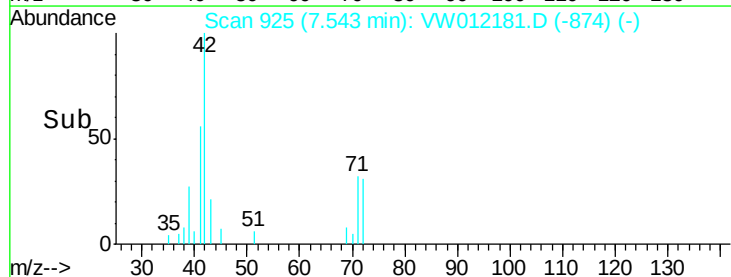
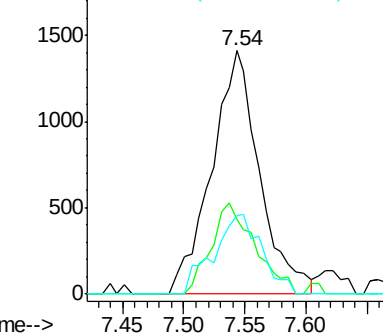
71 32.8 25.5 38.3

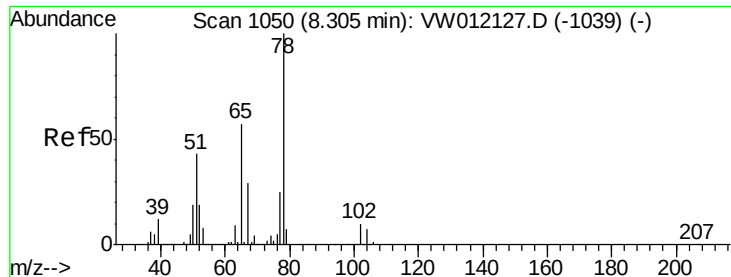


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

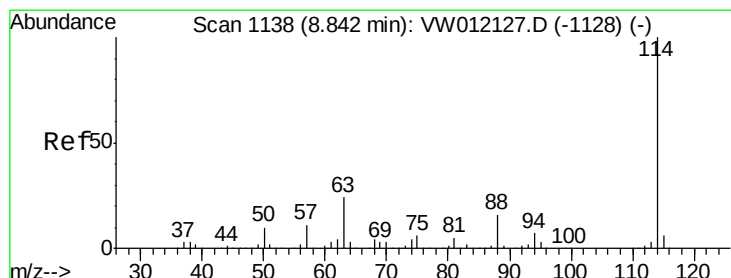
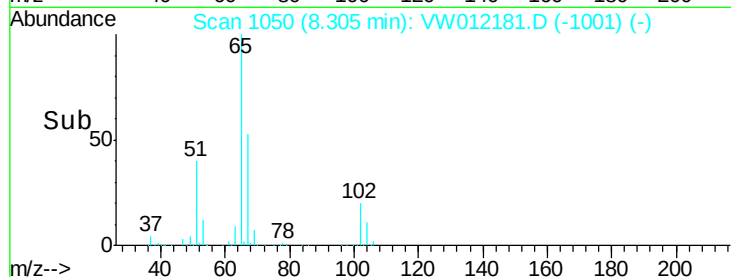
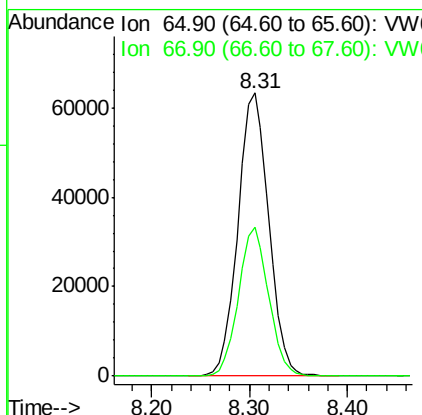
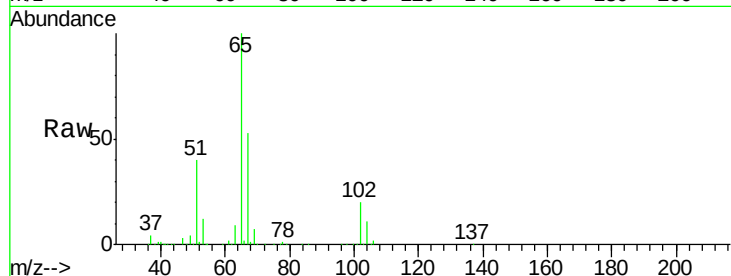




#33
 1,2-Dichloroethane-d4
 Concen: 54.993 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012181.D
 Acq: 26 Aug 2019 19:57

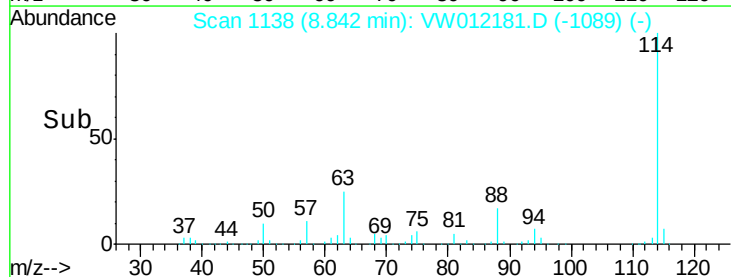
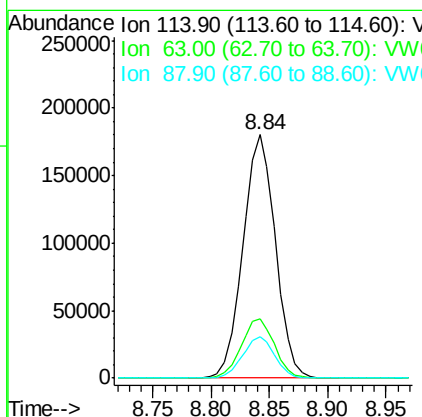
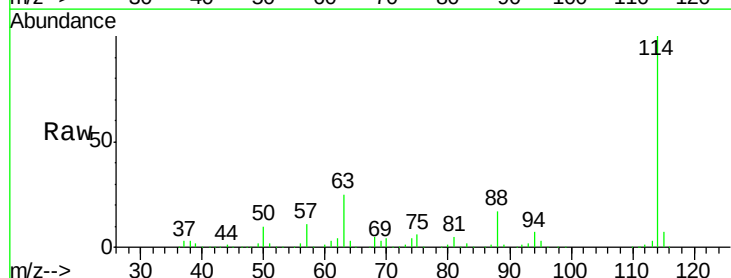
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F4-(2.5)RE

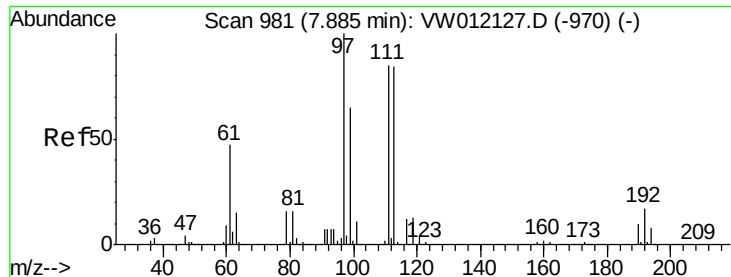
Tot Ion: 65 Resp: 138251
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012181.D
 Acq: 26 Aug 2019 19:57

Tgt Ion: 114 Resp: 349894
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 48.6
 88 16.9 0.0 32.2

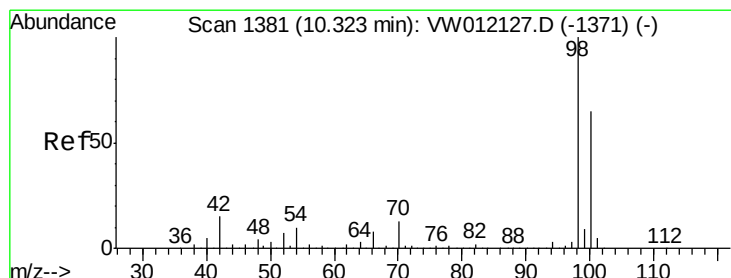
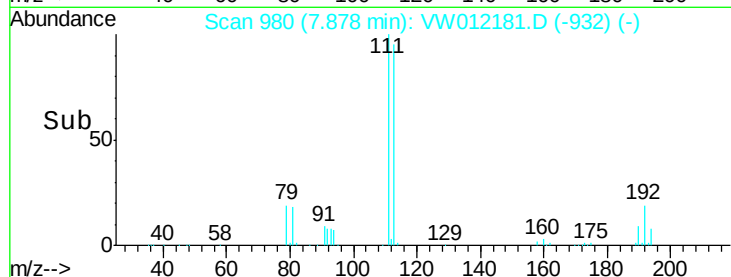
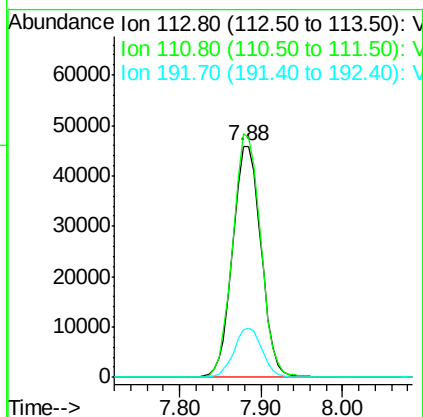
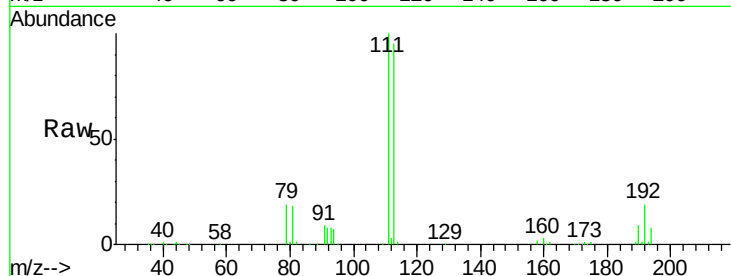




#35
Dibromofluoromethane
Concen: 52.874 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012181.D
Acq: 26 Aug 2019 19:57

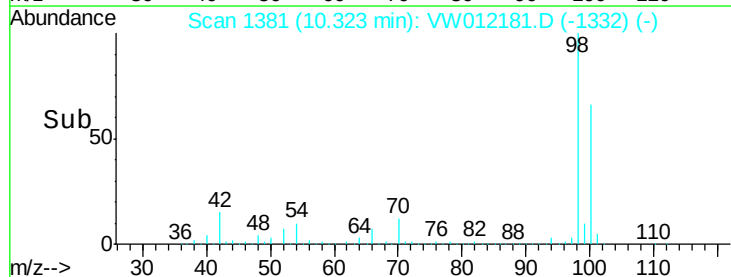
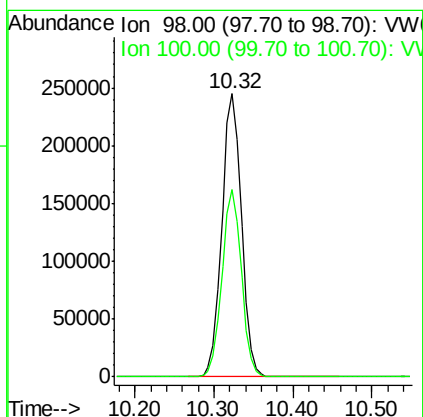
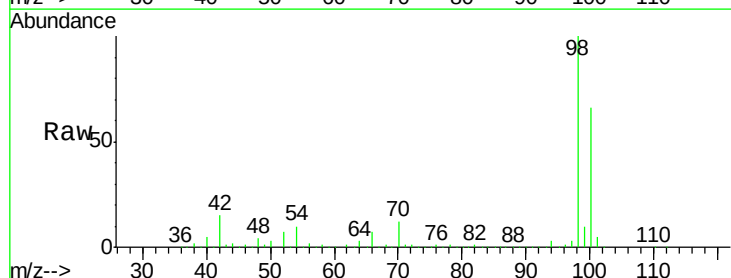
Instrument :
MSVOA_W
ClientSampleId :
T1-2-F4-(2.5)RE

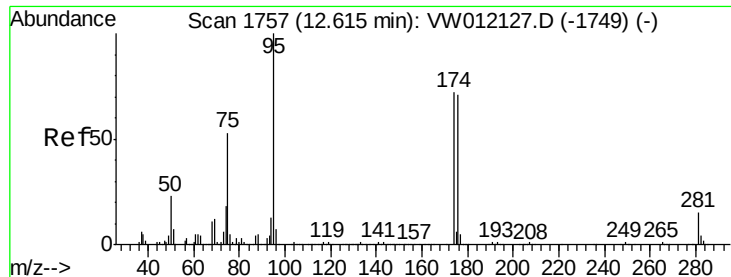
Tot Ion:113 Resp: 110429
Ion Ratio Lower Upper
113 100
111 103.8 82.7 124.1
192 20.8 16.2 24.2



#50
Toluene-d8
Concen: 50.079 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012181.D
Acq: 26 Aug 2019 19:57

Tgt Ion: 98 Resp: 424085
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

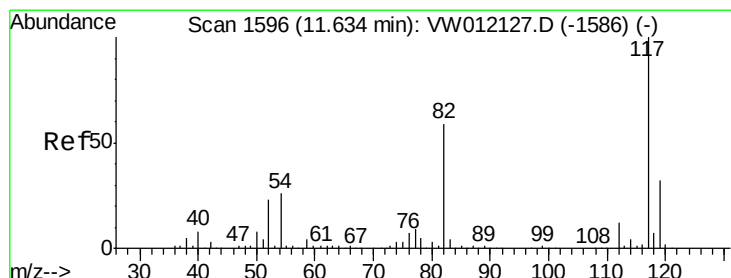
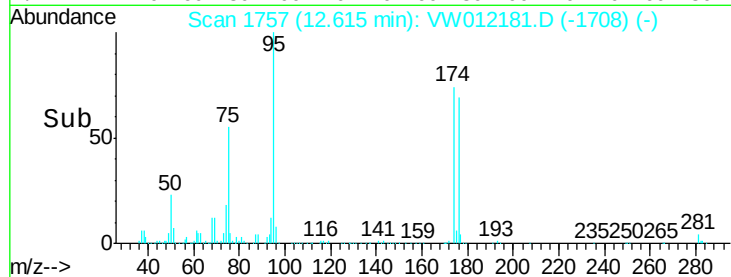
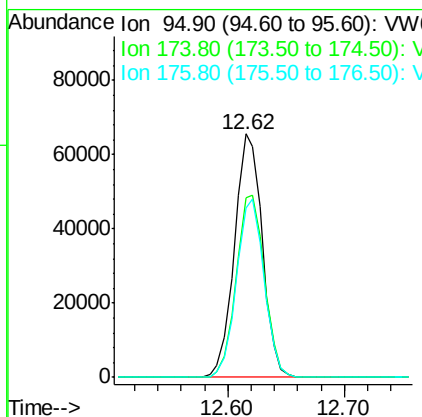
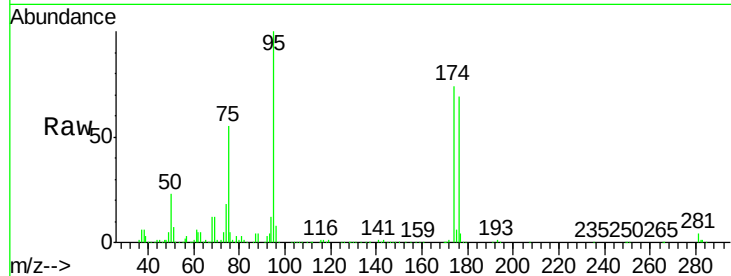




#62
4-Bromofluorobenzene
Concen: 36.461 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012181.D
Acq: 26 Aug 2019 19:57

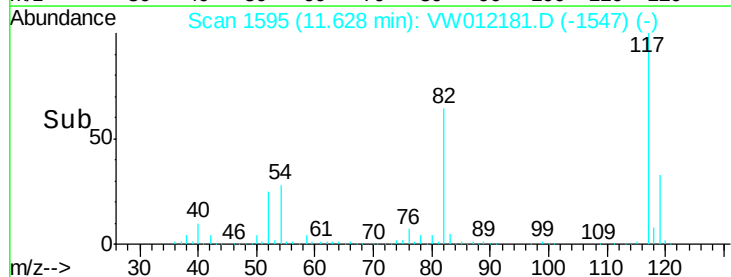
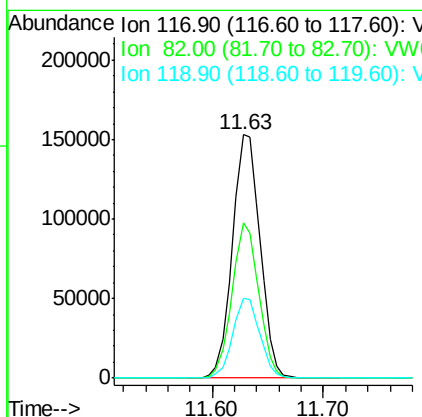
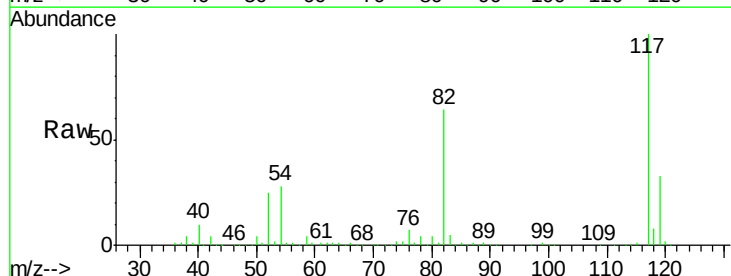
Instrument :
MSVOA_W
ClientSampleId :
T1-2-F4(2.5)RE

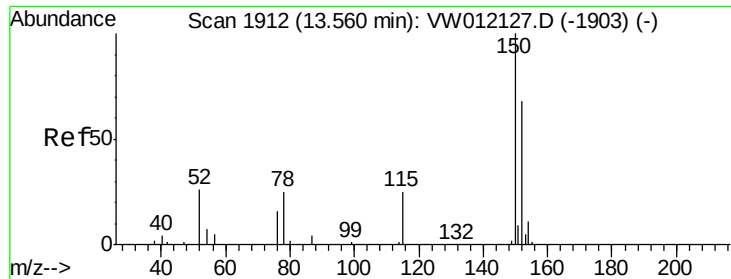
Tot Ion	95	Resp	108838
Ion Ratio	Lower	Upper	
95	100		
174	76.3	0.0	150.8
176	72.6	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012181.D
Acq: 26 Aug 2019 19:57

Tgt Ion	117	Resp	263271
Ion Ratio	Lower	Upper	
117	100		
82	63.6	47.4	71.2
119	32.6	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: VW012181.D

Acq: 26 Aug 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

T1-2-F4-(2.5)RE

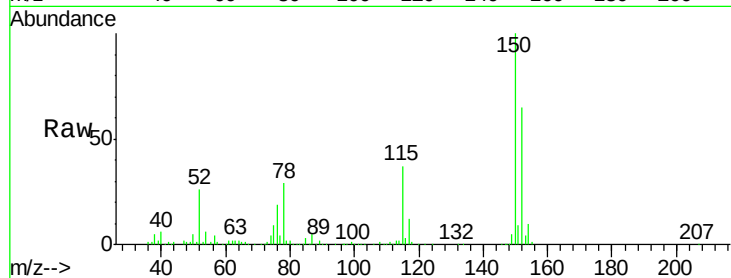
Tot Ion:152 Resp: 77977

Ion Ratio Lower Upper

152 100

115 59.3 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

