

Data File : VW012698.D
Acq On : 06 Sep 2019 19:07
Operator : SY/VA
Sample : K4581-10
Misc : 3.46G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T12-C4-(3.5)

Quant Time: Sep 07 06:33:24 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

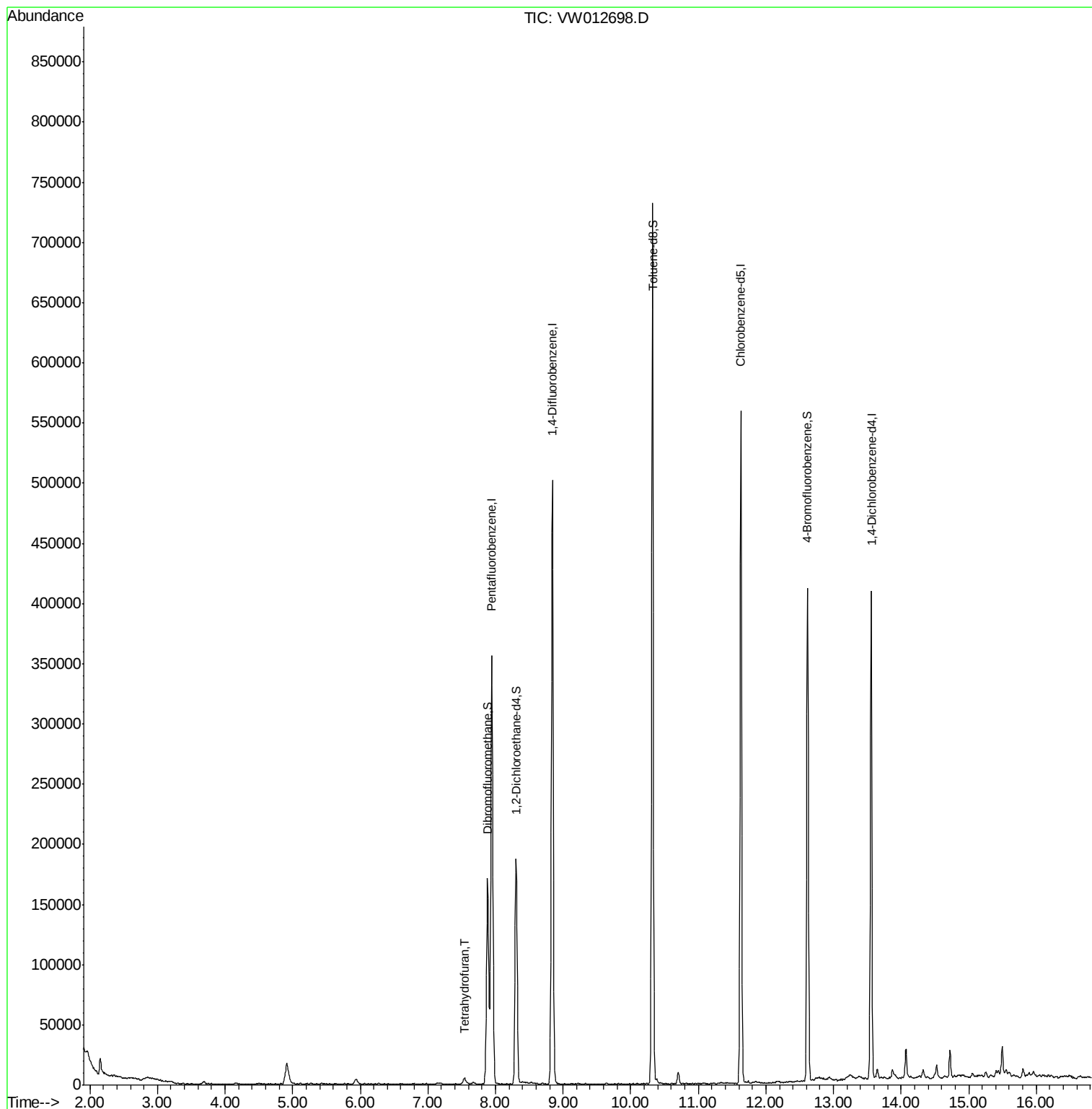
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Pentafluorobenzene	7.95	168	266727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152700	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
35) Dibromofluoromethane	7.88	113	122485	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
50) Toluene-d8	10.32	98	463280	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.62	95	130897	38.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.78%	
Target Compounds						Qvalue
29) Tetrahydrofuran	7.54	42	5269	7.974	ug/l	95
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

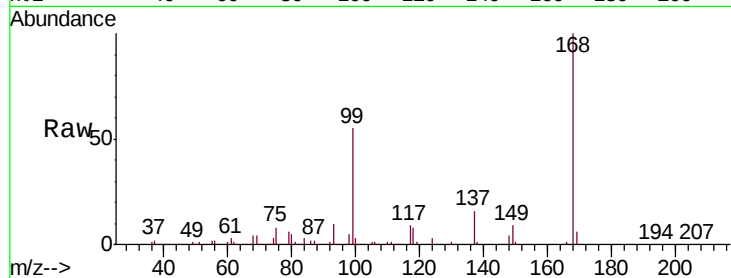
T12-C4-(3.5)

Tgt Ion:168 Resp: 266727

Ion Ratio Lower Upper

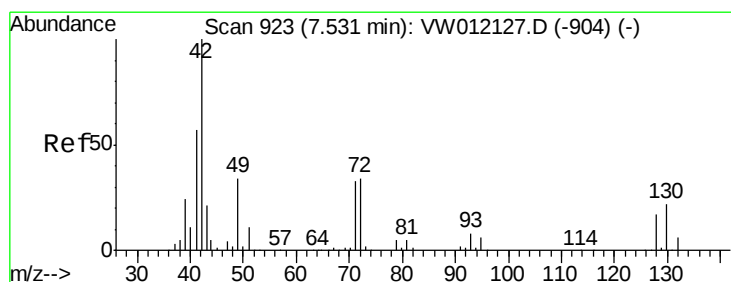
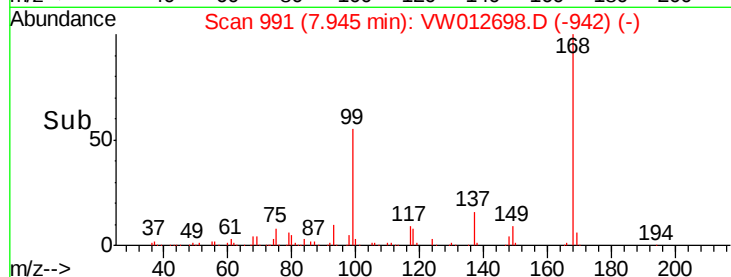
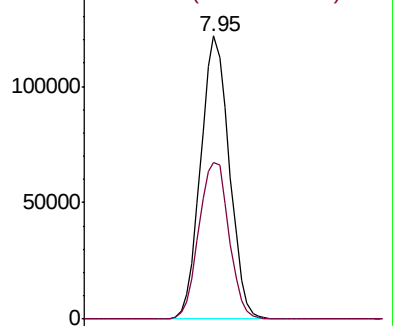
168 100

99 55.4 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: 7.974 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012698.D

Acq: 06 Sep 2019 19:07

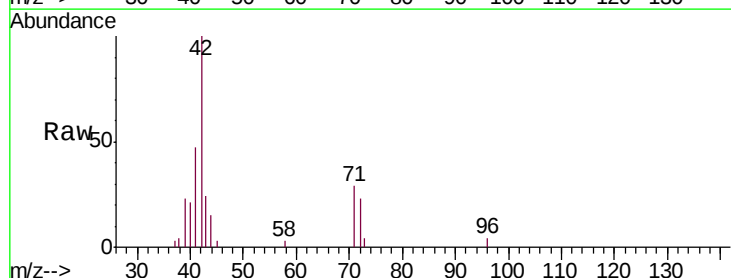
Tgt Ion: 42 Resp: 5269

Ion Ratio Lower Upper

42 100

72 29.9 27.3 40.9

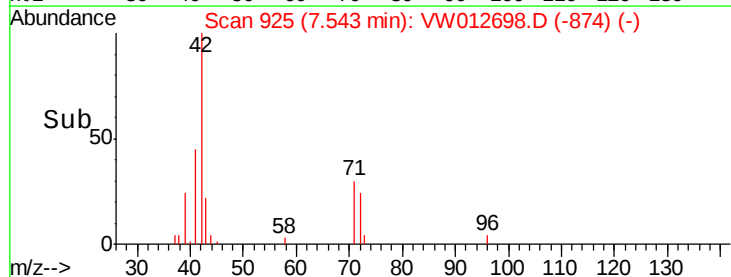
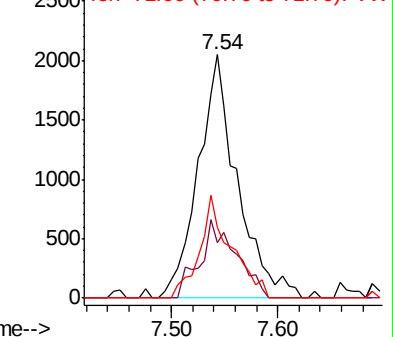
71 33.9 25.5 38.3

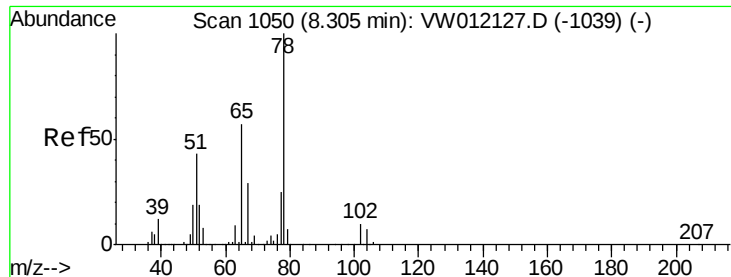


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 48.159 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012698.D

Acq: 06 Sep 2019 19:07

Instrument :

MSVOA_W

ClientSampleId :

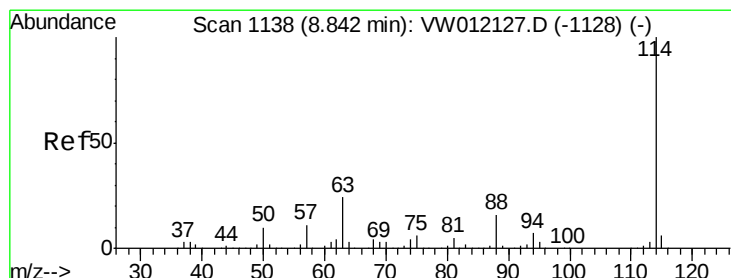
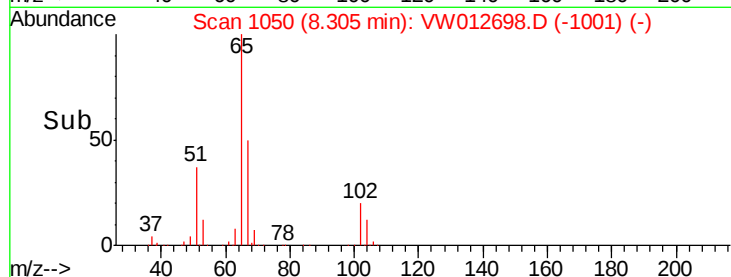
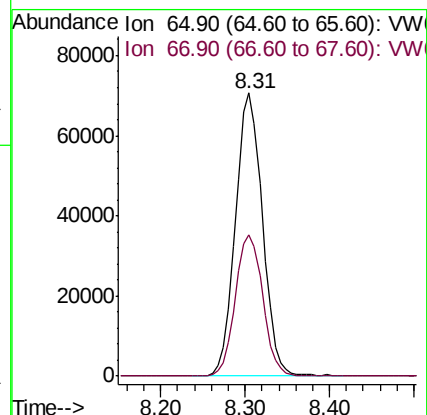
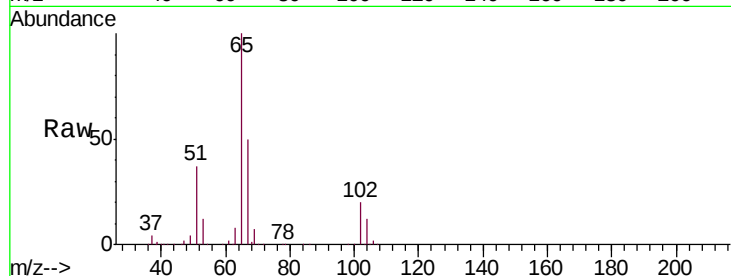
T12-C4-(3.5)

Tgt Ion: 65 Resp: 152700

Ion Ratio Lower Upper

65 100

67 50.9 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: VW012698.D

Acq: 06 Sep 2019 19:07

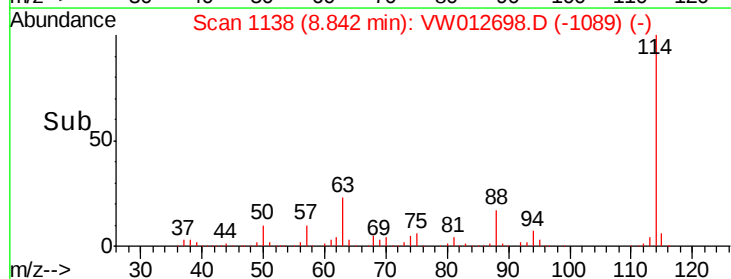
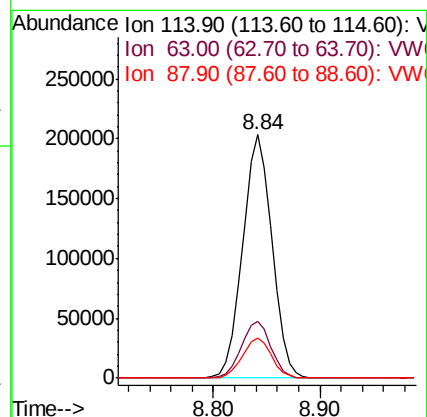
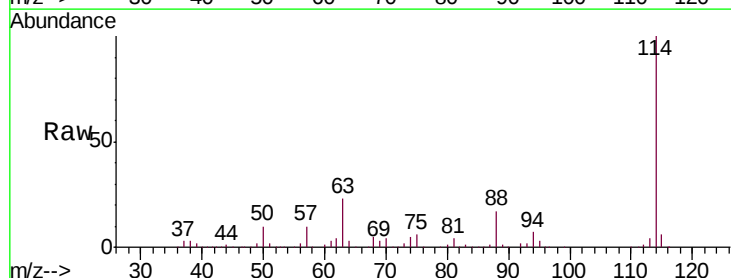
Tgt Ion: 114 Resp: 394558

Ion Ratio Lower Upper

114 100

63 23.3 0.0 48.6

88 16.7 0.0 32.2

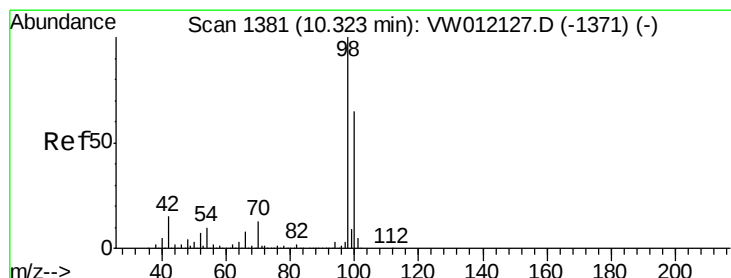
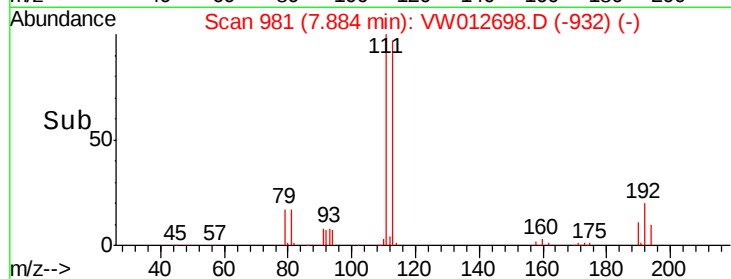
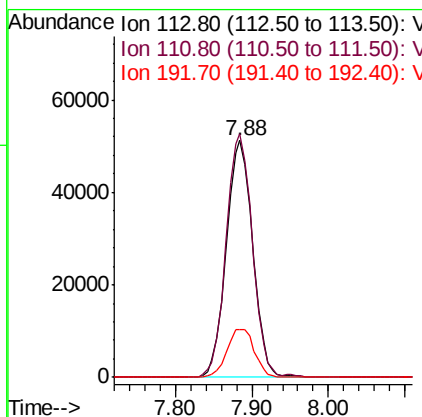
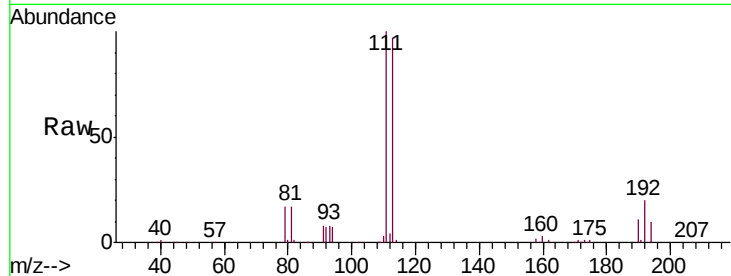




#35
 Dibromofluoromethane
 Concen: 52.008 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012698.D
 Acq: 06 Sep 2019 19:07

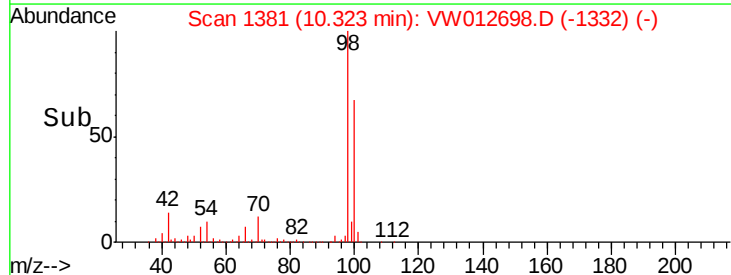
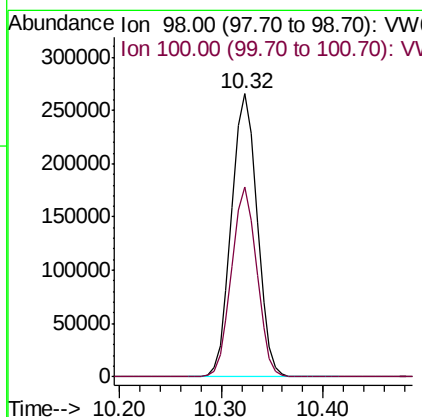
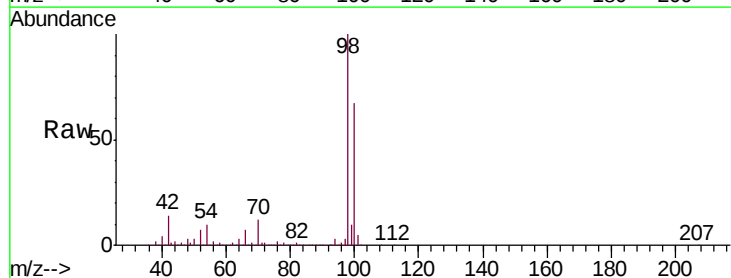
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-C4-(3.5)

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	21.2	16.2	24.2



#50
 Toluene-d8
 Concen: 48.514 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012698.D
 Acq: 06 Sep 2019 19:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6

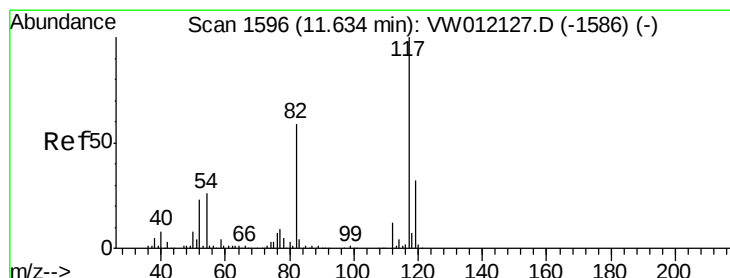
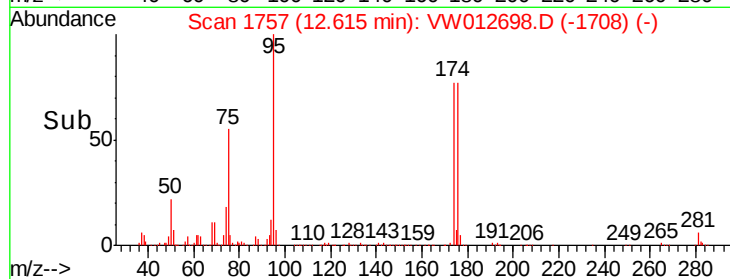
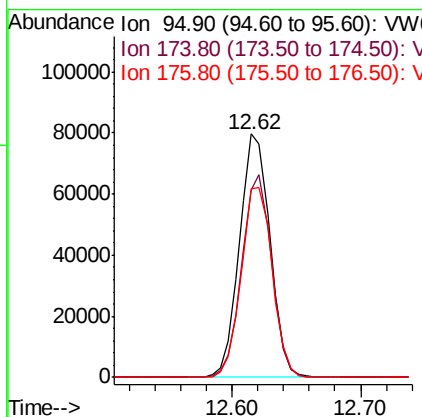
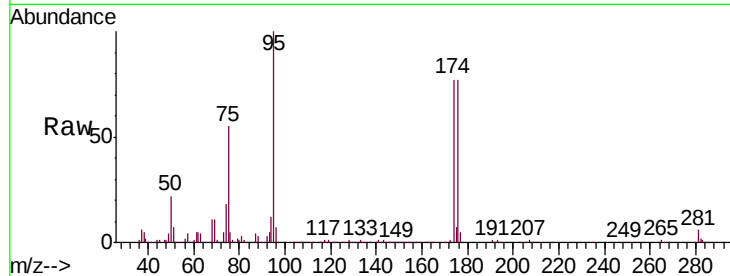




#62
4-Bromofluorobenzene
Concen: 38.886 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012698.D
Acq: 06 Sep 2019 19:07

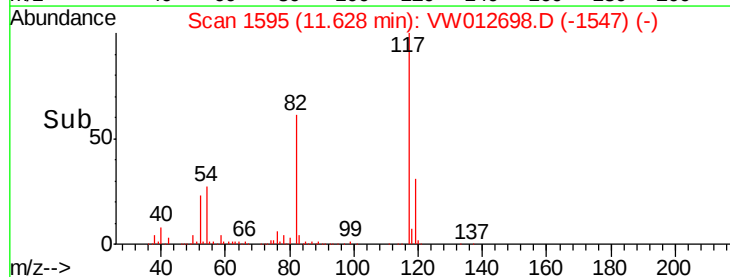
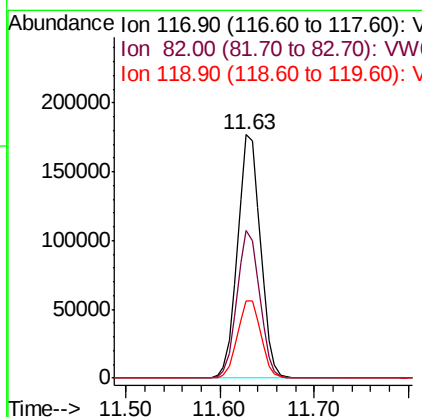
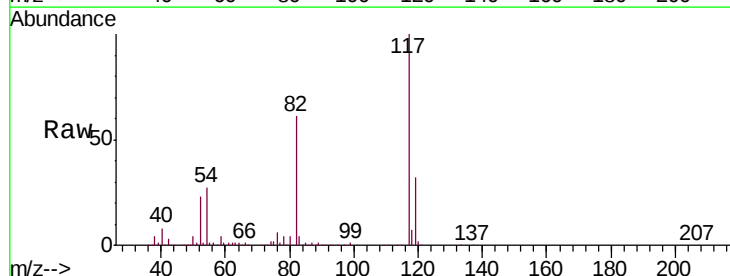
Instrument :
MSVOA_W
ClientSampleId :
T12-C4-(3.5)

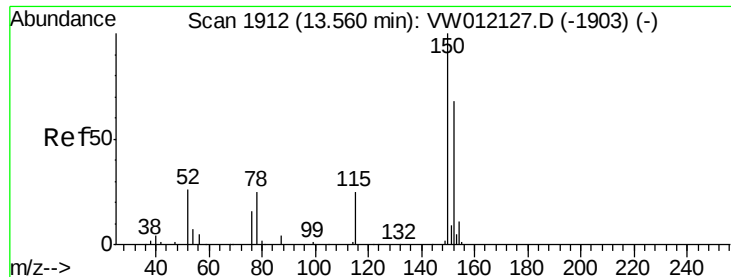
Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	150.8
176	78.6	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012698.D
Acq: 06 Sep 2019 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.6	47.4	71.2
119	31.5	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: VW012698.D

Acq: 06 Sep 2019 19:07

Instrument :

MSVOA_W

ClientSampleId :

T12-C4-(3.5)

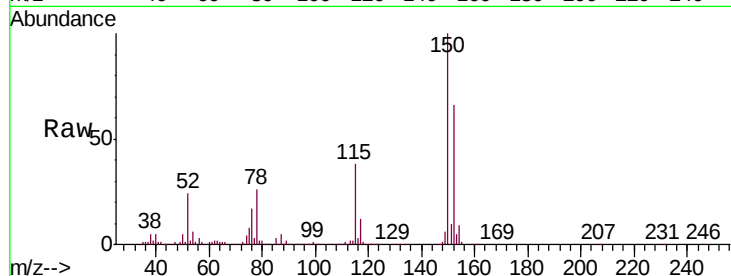
Tgt Ion:152 Resp: 105983

Ion Ratio Lower Upper

152 100

115 59.4 30.1 90.3

150 155.8 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

