

Data File : VW012706.D
Acq On : 06 Sep 2019 22:32
Operator : SY/VA
Sample : K4581-19
Misc : 3.64G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T12-D4-(3.5)

Quant Time: Sep 07 06:46:13 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

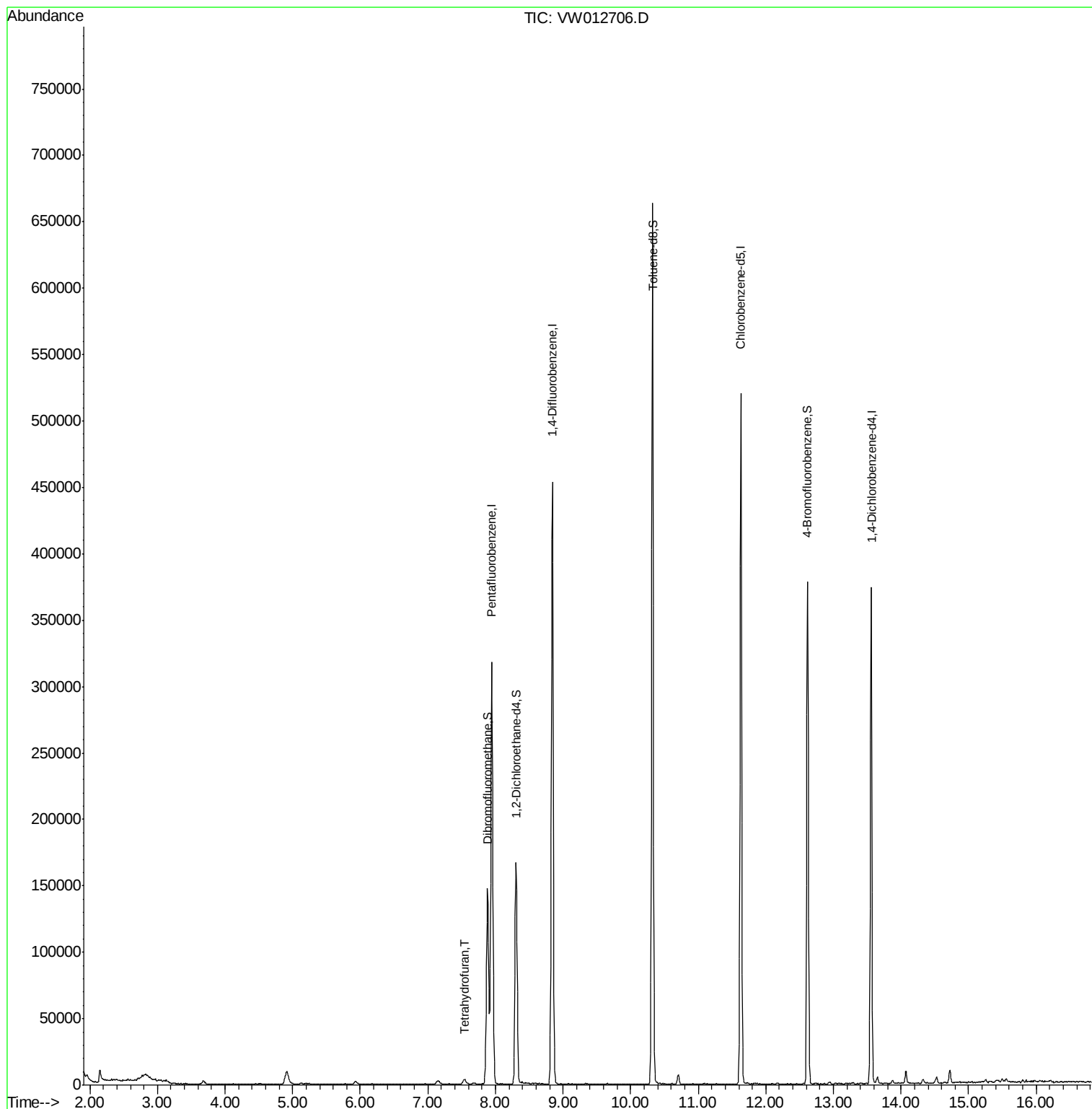
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98216	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	137420	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
35) Dibromofluoromethane	7.88	113	108062	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
50) Toluene-d8	10.32	98	419442	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
62) 4-Bromofluorobenzene	12.62	95	120352	38.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.54%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	3472	5.874	ug/l	Qvalue 92

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

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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 :

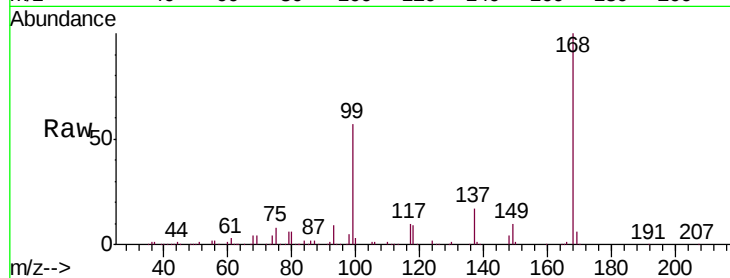
T12-D4-(3.5)

Tgt Ion:168 Resp: 238586

Ion Ratio Lower Upper

168 100

99 57.4 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

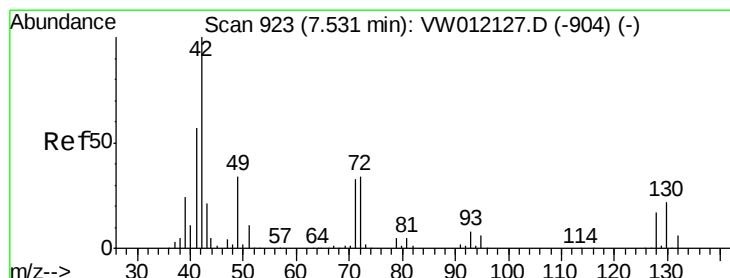
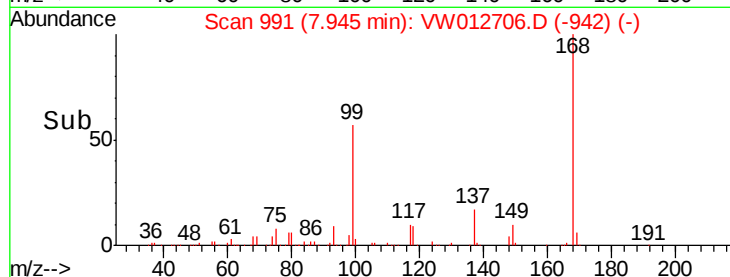
60000

40000

20000

0

Time-->



#29

Tetrahydrofuran

Concen: 5.874 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012706.D

Acq: 06 Sep 2019 22:32

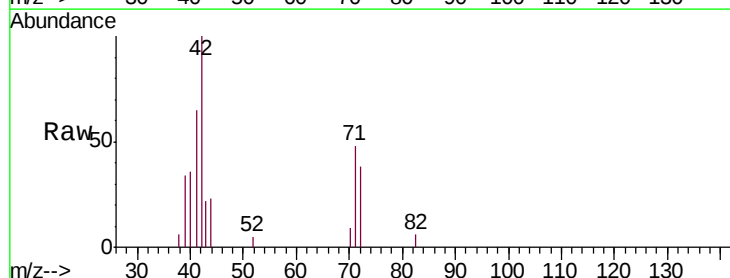
Tgt Ion: 42 Resp: 3472

Ion Ratio Lower Upper

42 100

72 37.1 27.3 40.9

71 38.0 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

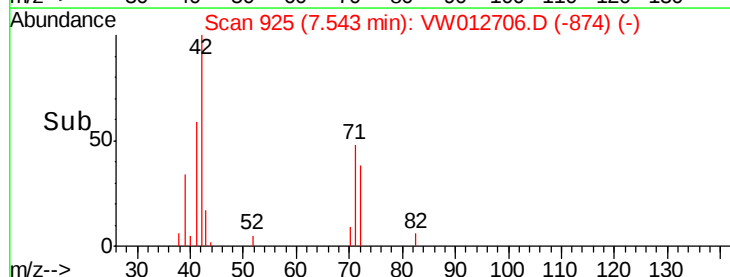
1500

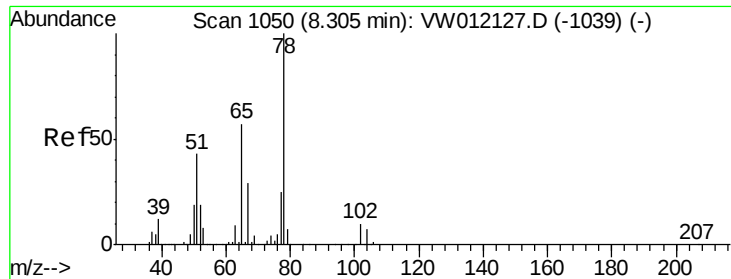
1000

500

0

Time-->

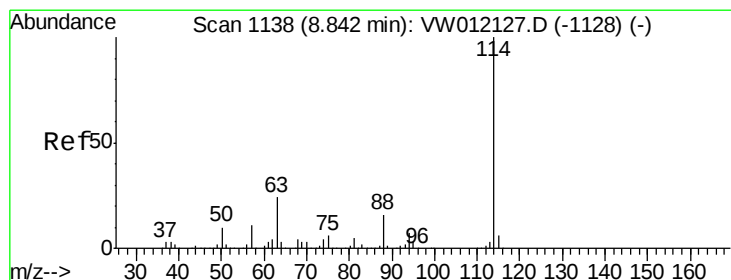
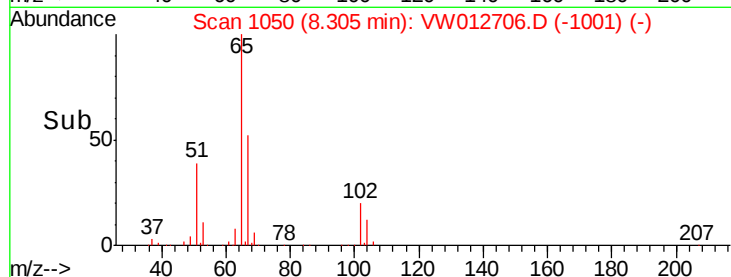
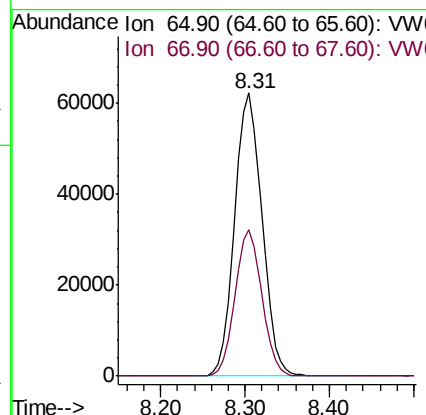
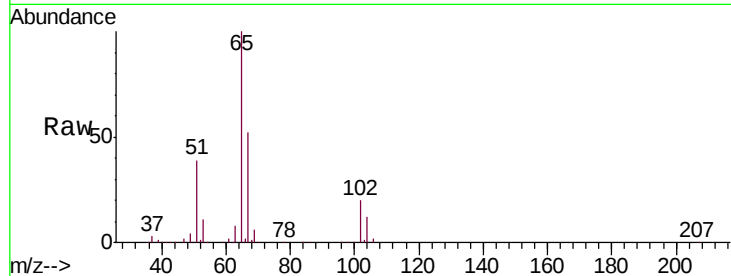




#33
 1,2-Dichloroethane-d4
 Concen: 48.452 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012706.D
 Acq: 06 Sep 2019 22:32

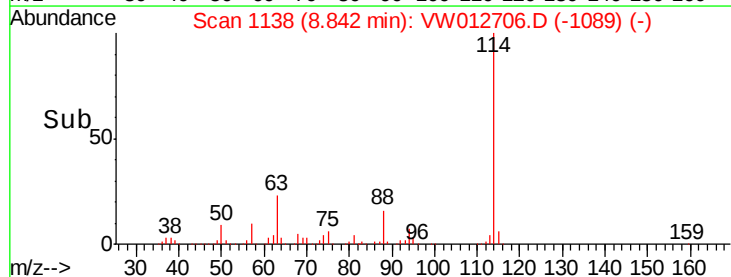
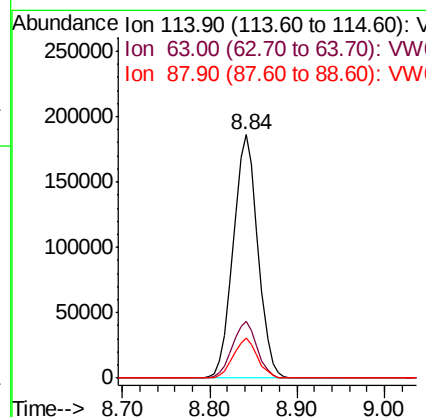
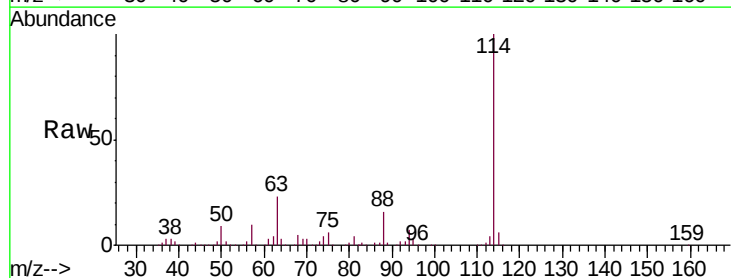
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-D4-(3.5)

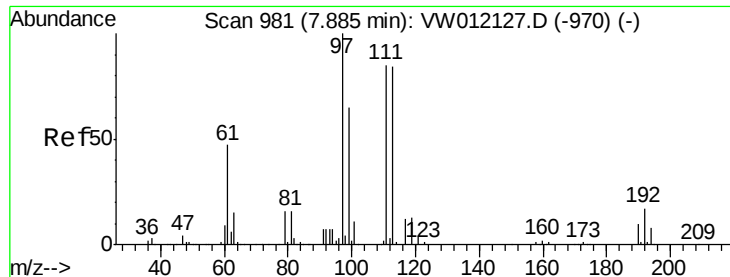
Tgt Ion: 65 Resp: 137420
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012706.D
 Acq: 06 Sep 2019 22:32

Tgt Ion: 114 Resp: 363823
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 48.6
 88 16.2 0.0 32.2

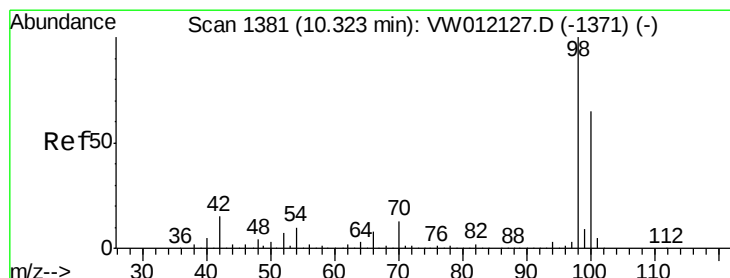
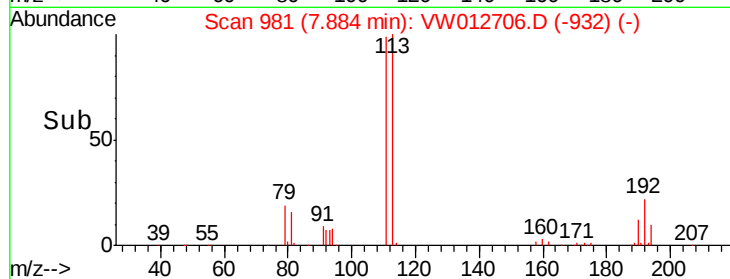
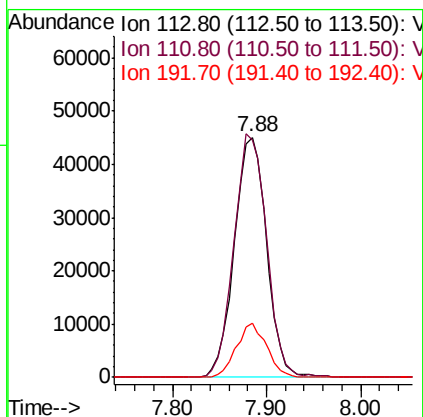
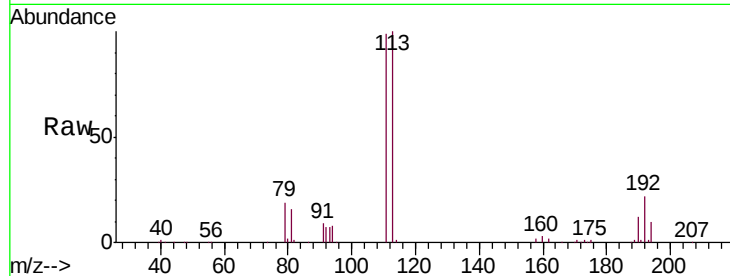




#35
 Dibromofluoromethane
 Concen: 49.760 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012706.D
 Acq: 06 Sep 2019 22:32

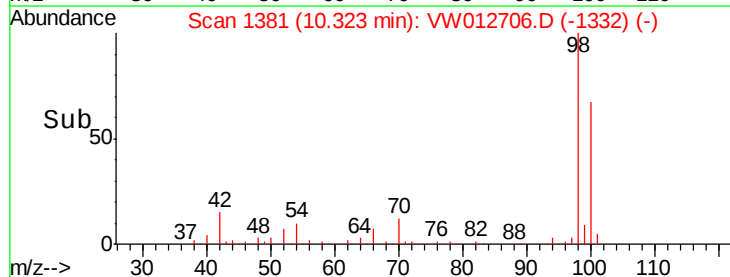
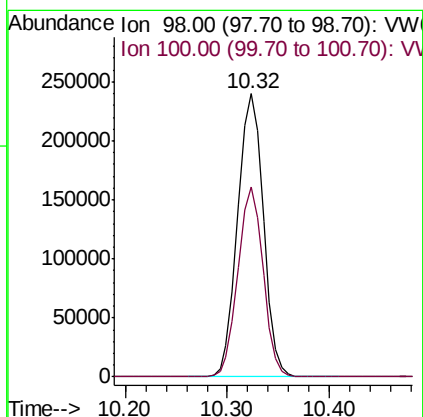
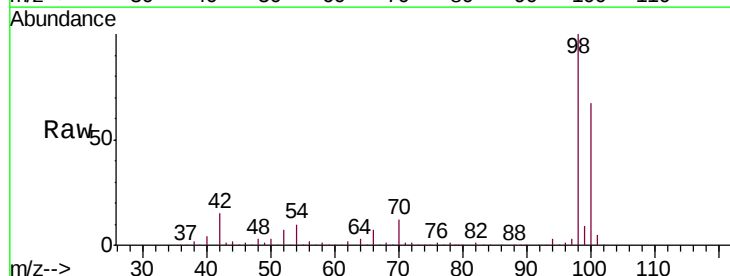
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-D4-(3.5)

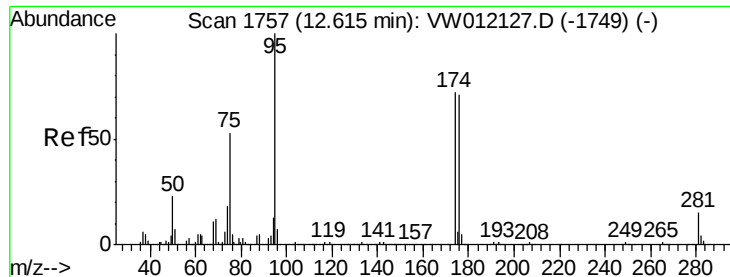
Tgt Ion:113 Resp: 108062
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.7 124.1
 192 21.3 16.2 24.2



#50
 Toluene-d8
 Concen: 47.634 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012706.D
 Acq: 06 Sep 2019 22:32

Tgt Ion: 98 Resp: 419442
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.4 78.6

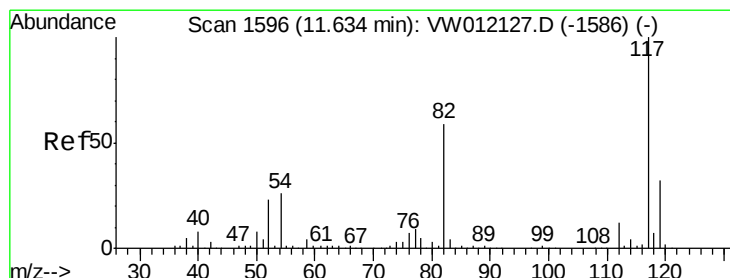
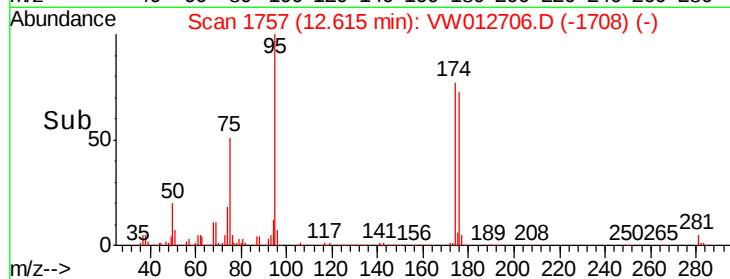
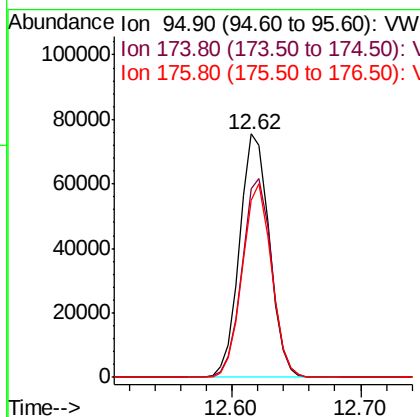
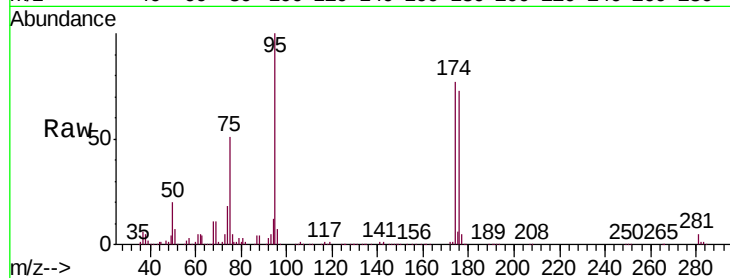




#62
4-Bromofluorobenzene
Concen: 38.774 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012706.D
Acq: 06 Sep 2019 22:32

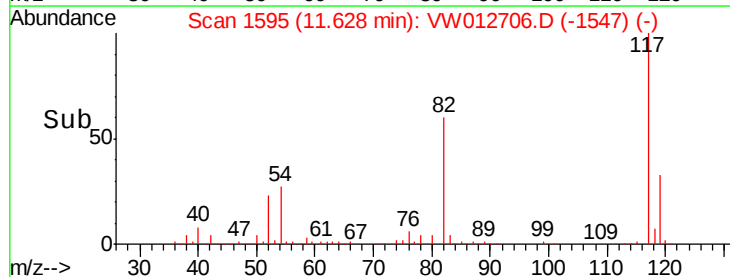
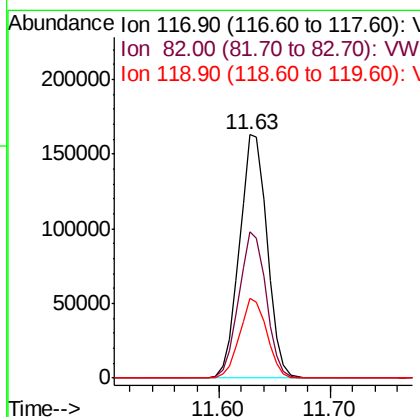
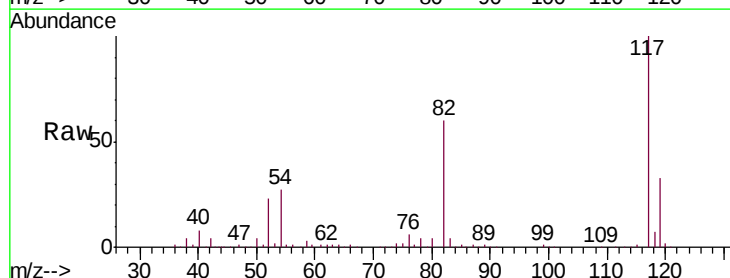
Instrument :
MSVOA_W
ClientSampleId :
T12-D4-(3.5)

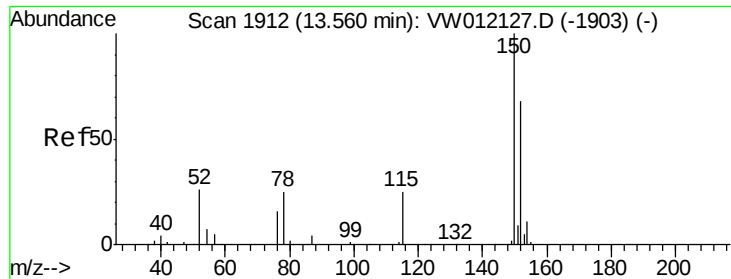
Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	150.8
176	78.4	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012706.D
Acq: 06 Sep 2019 22:32

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.4	71.2
119	32.9	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: VW012706.D

Acq: 06 Sep 2019 22:32

Instrument :

MSVOA_W

ClientSampleId :

T12-D4-(3.5)

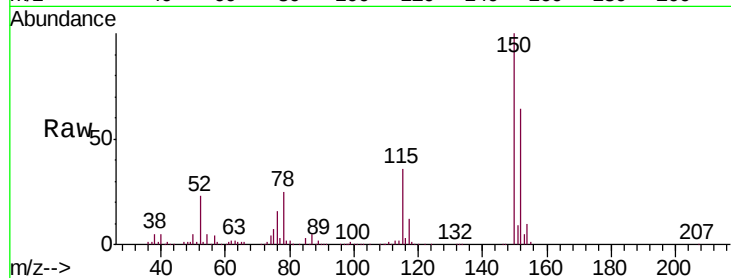
Tgt Ion:152 Resp: 98216

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.3

150 156.7 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

