

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012848.D
 Acq On : 10 Sep 2019 03:38
 Operator : SY/VA
 Sample : K4644-07
 Misc : 3.62G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T11-D4-(4)

Quant Time: Sep 10 08:07:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

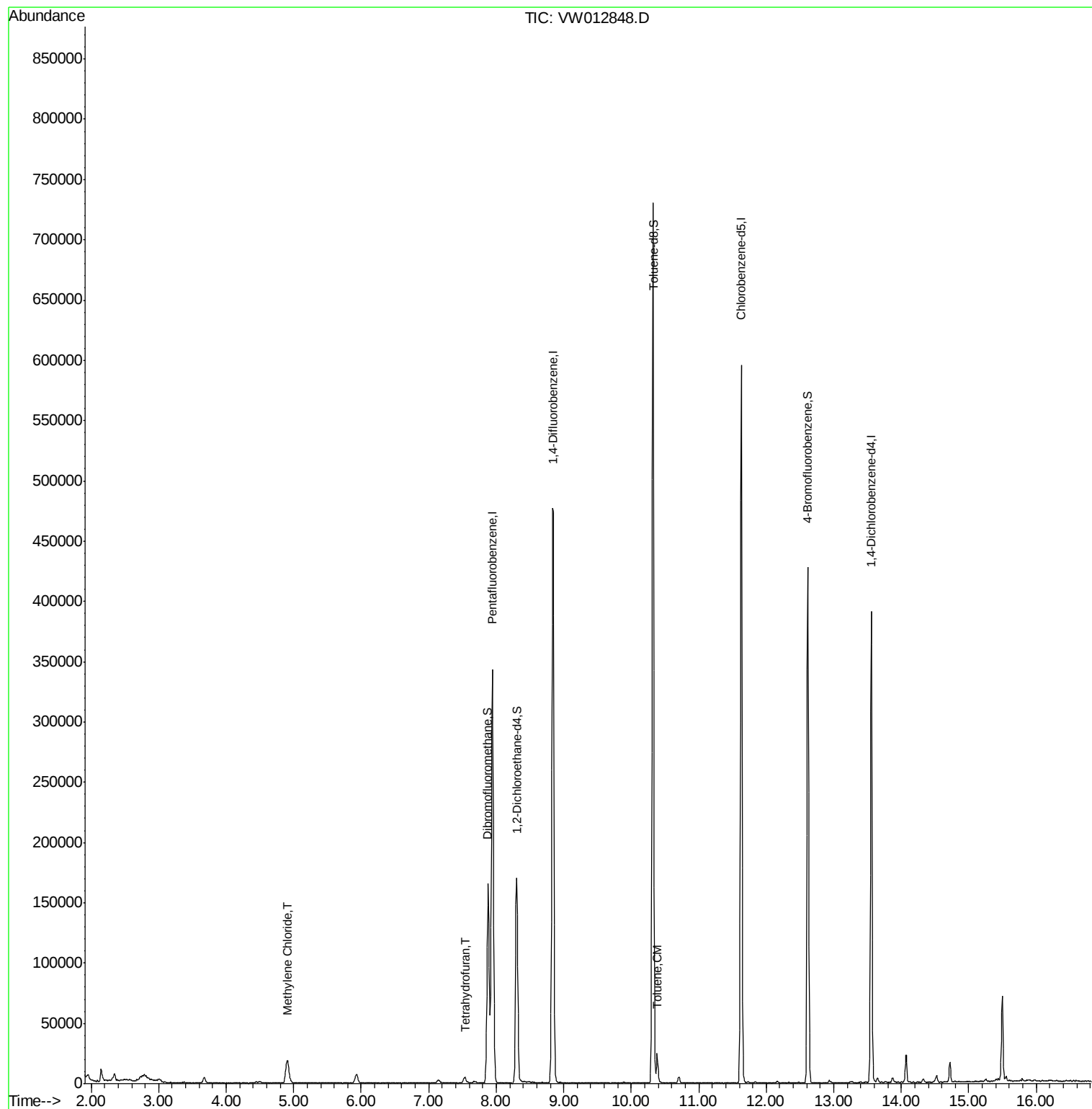
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	408676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	104549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143202	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
35) Dibromofluoromethane	7.88	113	116624	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
50) Toluene-d8	10.32	98	477429	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.62	95	132256	38.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.54%	
Target Compounds						
20) Methylene Chloride	4.90	84	14800	5.658	ug/l #	82
29) Tetrahydrofuran	7.54	42	4597	6.808	ug/l	95
52) Toluene	10.38	92	9837	1.564	ug/l	96

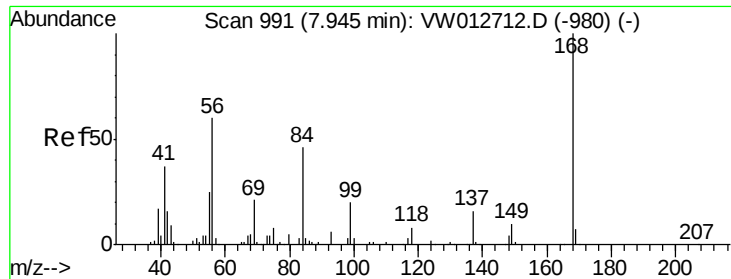
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VW012848.D

Acq: 10 Sep 2019 03:38

Instrument :

MSVOA_W

ClientSampleId :

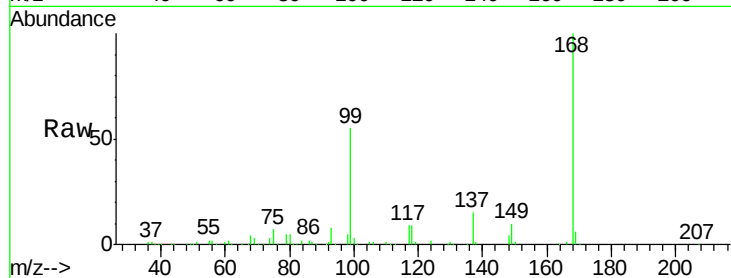
T11-D4-(4)

Tot Ion:168 Resp: 274505

Ion Ratio Lower Upper

168 100

99 55.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

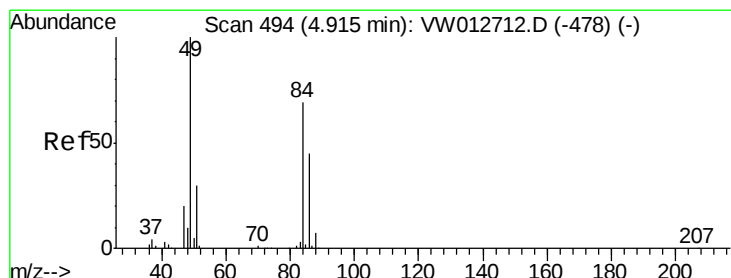
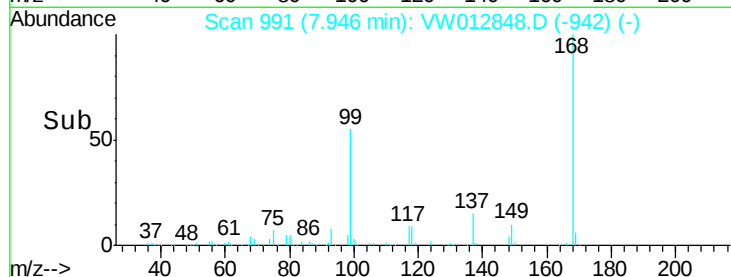
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.658 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW012848.D

Acq: 10 Sep 2019 03:38

Tgt Ion: 84 Resp: 14800

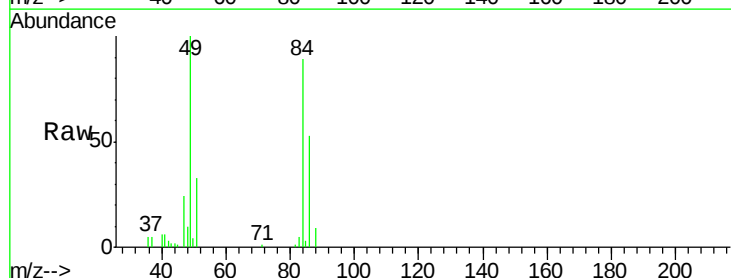
Ion Ratio Lower Upper

84 100

49 112.1 115.4 173.0#

51 36.8 34.9 52.3

86 59.9 52.2 78.4



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

8000

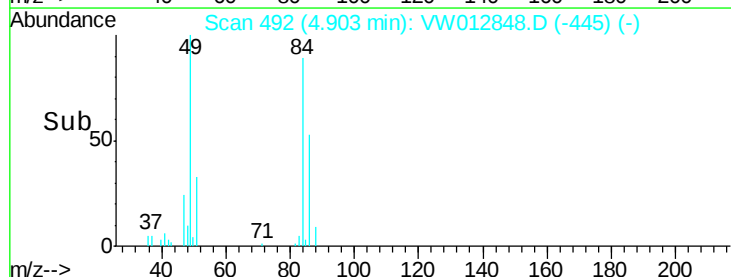
6000

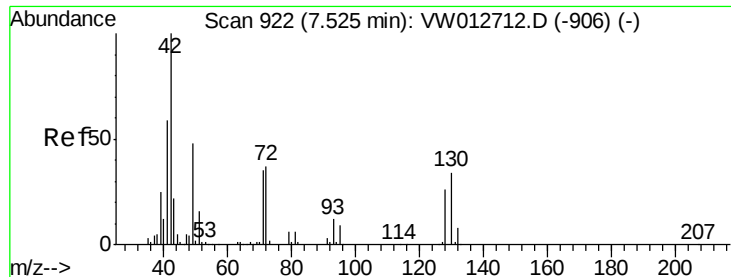
4000

2000

0

Time--> 4.80 4.90 5.00

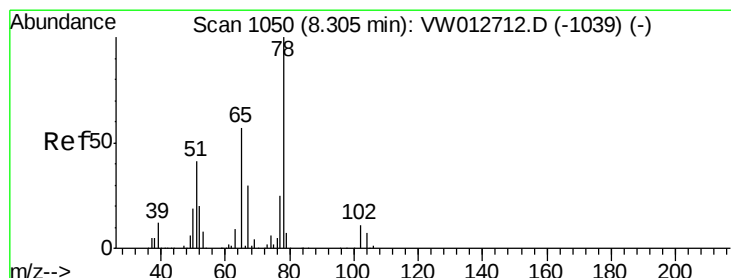
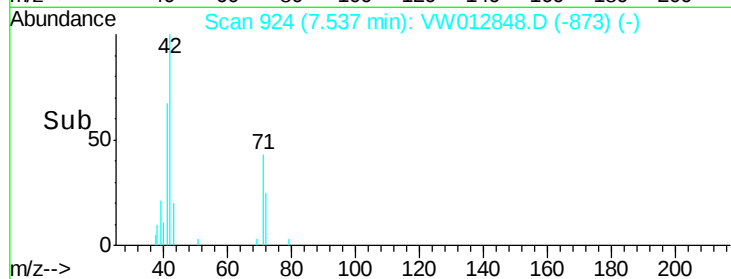
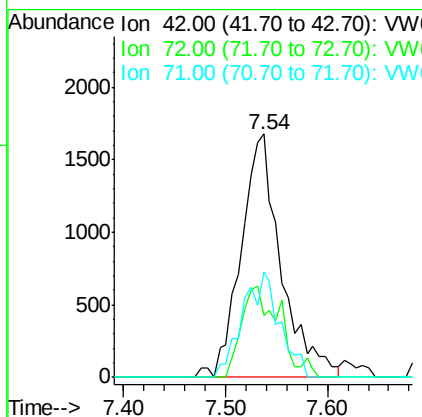
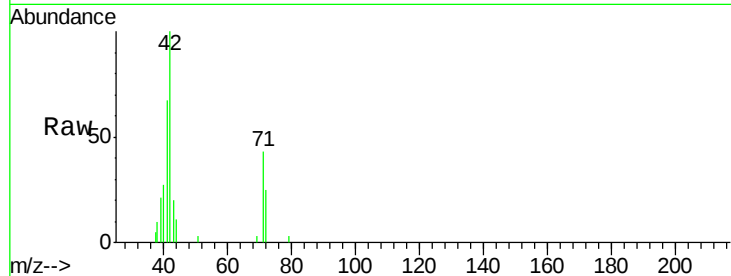




#29
Tetrahydrofuran
Concen: 6.808 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012848.D
Acq: 10 Sep 2019 03:38

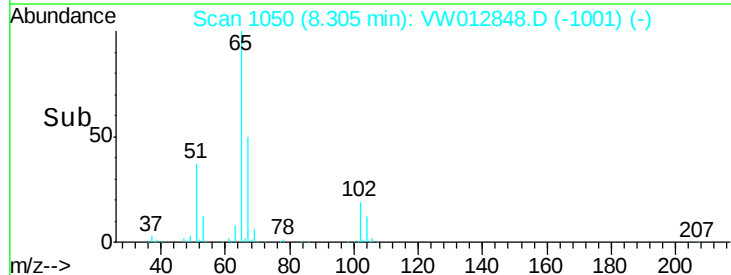
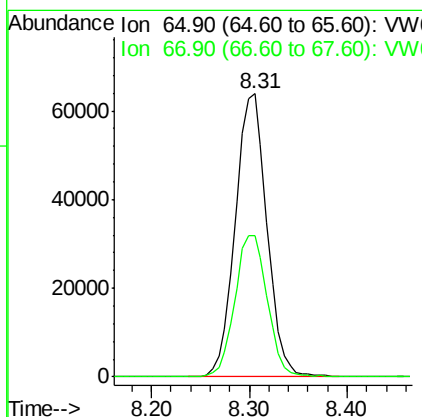
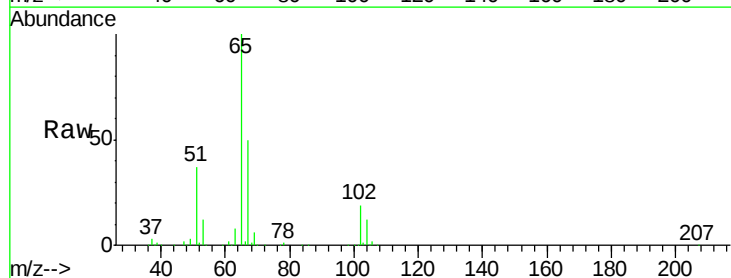
Instrument :
MSVOA_W
ClientSampled :
T11-D4-(4)

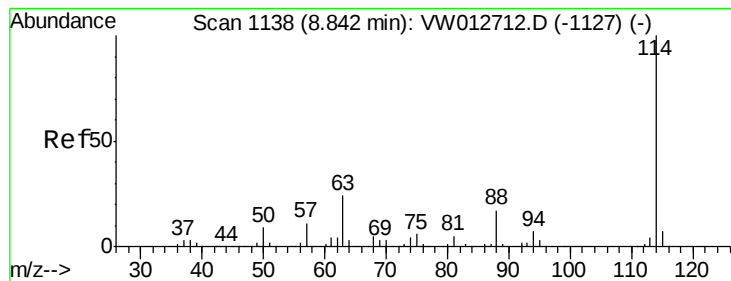
Tot Ion: 42 Resp: 4597
Ion Ratio Lower Upper
42 100
72 35.5 28.4 42.6
71 40.0 27.1 40.7



#33
1,2-Dichloroethane-d4
Concen: 46.689 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012848.D
Acq: 10 Sep 2019 03:38

Tgt Ion: 65 Resp: 143202
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012848.D

Acq: 10 Sep 2019 03:38

Instrument :

MSVOA_W

ClientSampleId :

T11-D4-(4)

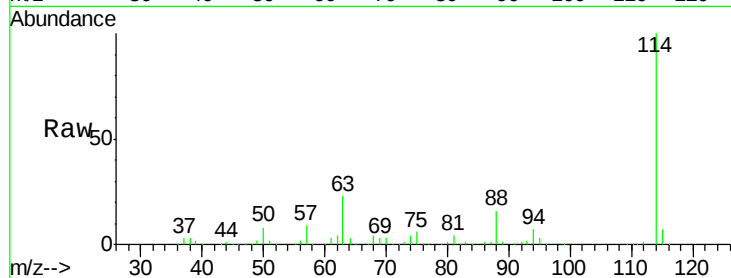
Tot Ion:114 Resp: 408676

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.2

88 16.0 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

250000

200000

150000

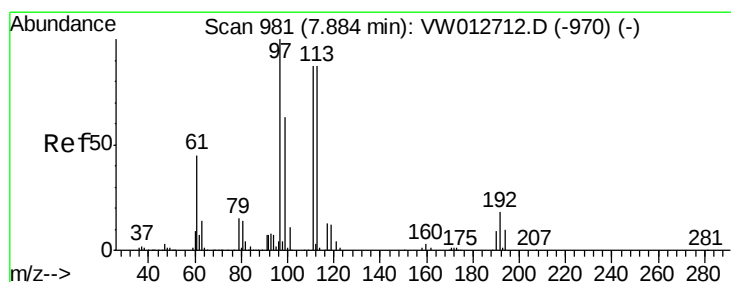
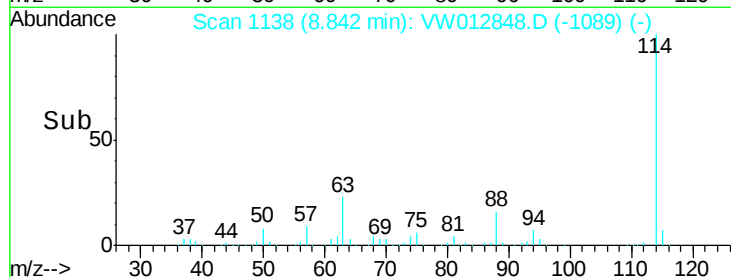
100000

50000

0

8.80 8.90

Time-->



#35

Dibromofluoromethane

Concen: 47.999 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012848.D

Acq: 10 Sep 2019 03:38

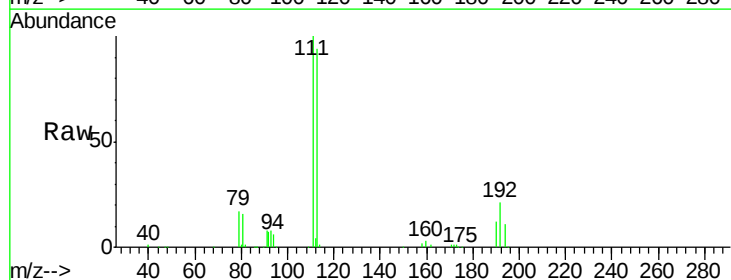
Tgt Ion:113 Resp: 116624

Ion Ratio Lower Upper

113 100

111 104.9 80.2 120.4

192 22.8 17.3 25.9



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

7.88

60000

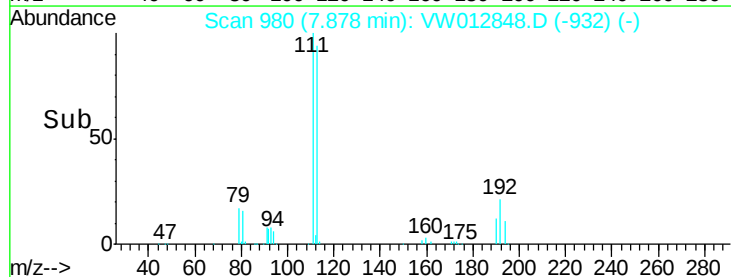
40000

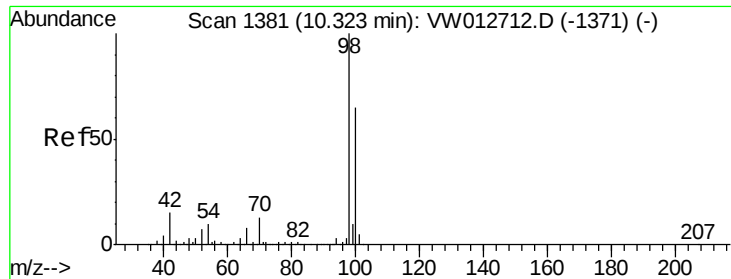
20000

0

7.75 7.80 7.85 7.90 7.95

Time-->

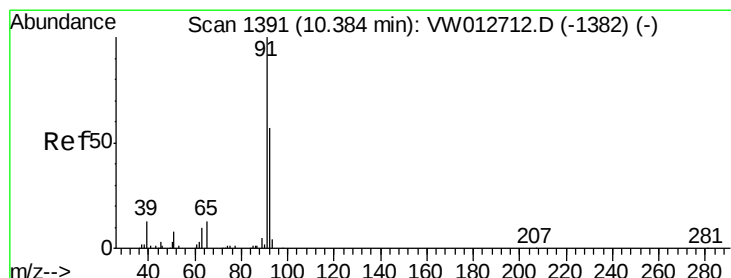
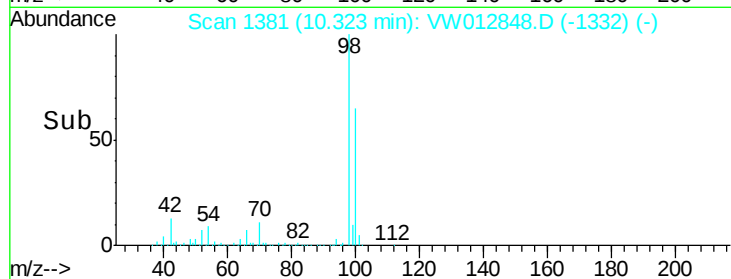
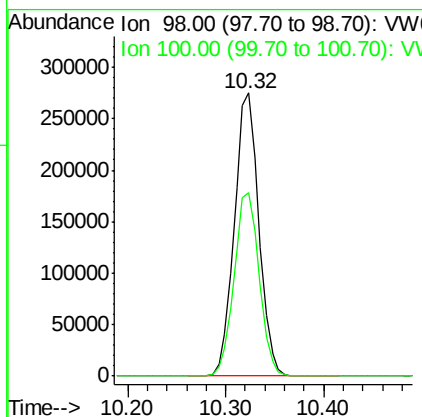
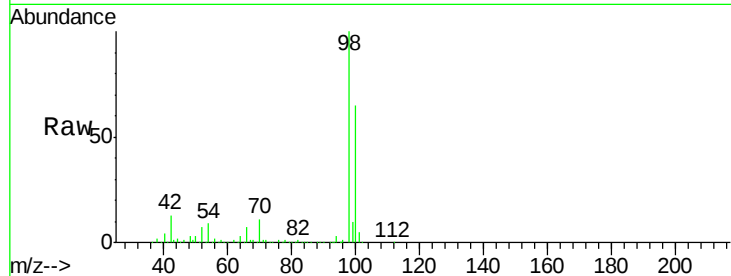




#50
Toluene-d8
Concen: 50.156 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012848.D
Acq: 10 Sep 2019 03:38

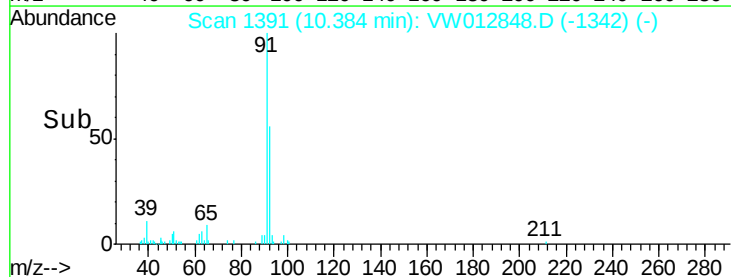
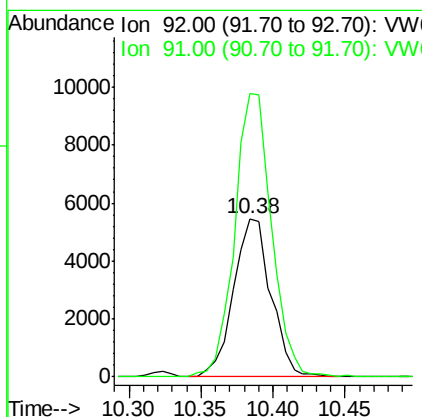
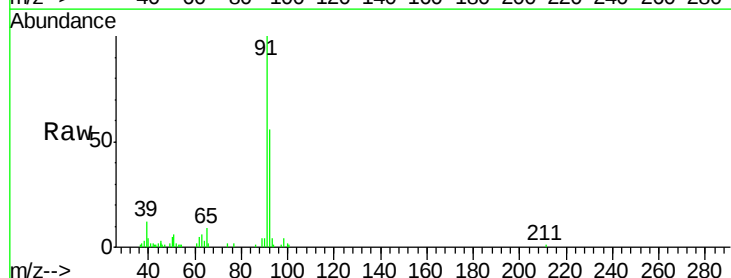
Instrument :
MSVOA_W
ClientSampleId :
T11-D4-(4)

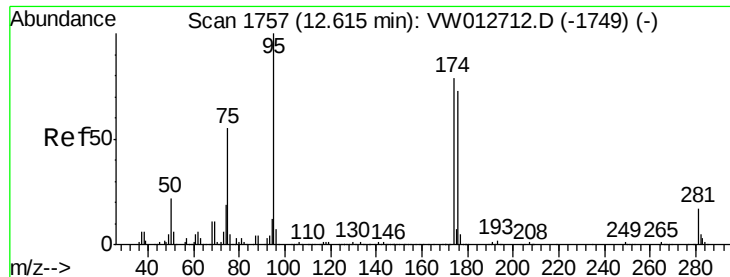
Tot Ion: 98 Resp: 477429
Ion Ratio Lower Upper
98 100
100 66.4 52.2 78.4



#52
Toluene
Concen: 1.564 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW012848.D
Acq: 10 Sep 2019 03:38

Tgt Ion: 92 Resp: 9837
Ion Ratio Lower Upper
92 100
91 176.6 137.0 205.4

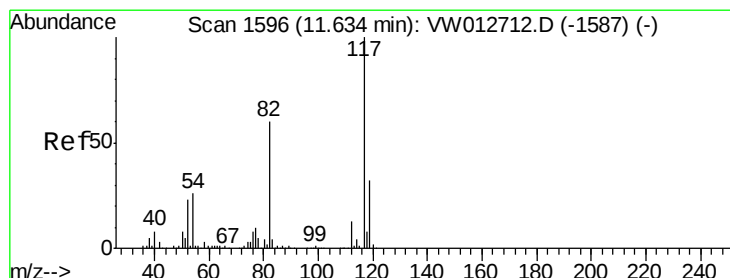
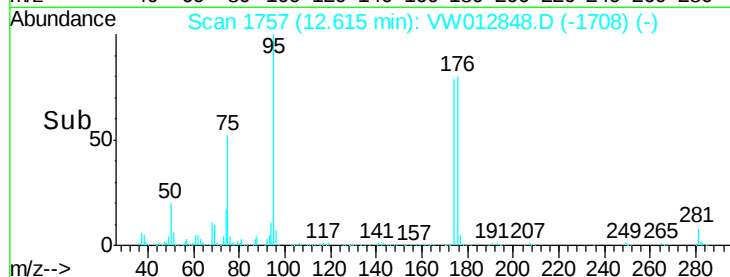
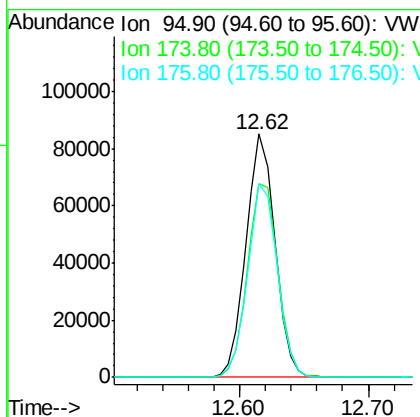
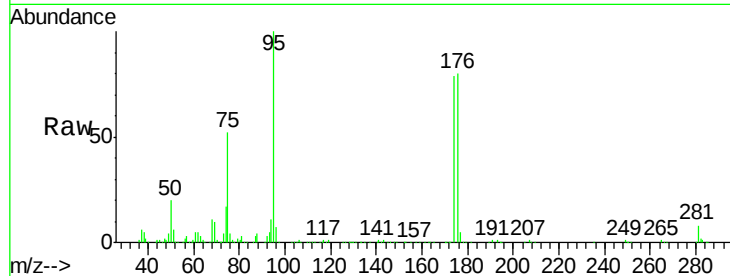




#62
4-Bromofluorobenzene
Concen: 38.272 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012848.D
Acq: 10 Sep 2019 03:38

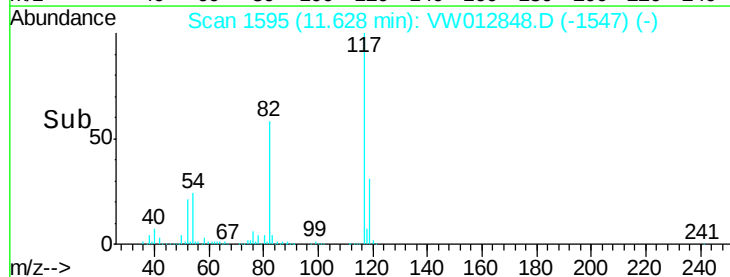
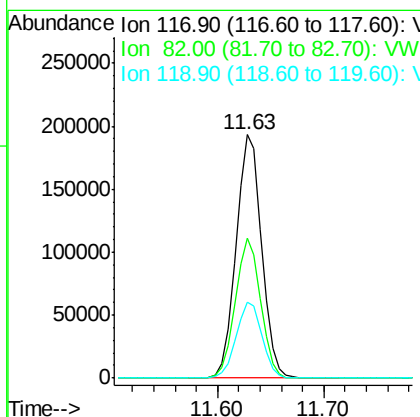
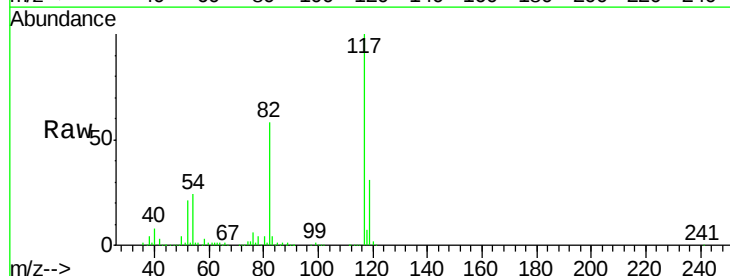
Instrument :
MSVOA_W
ClientSampled :
T11-D4-(4)

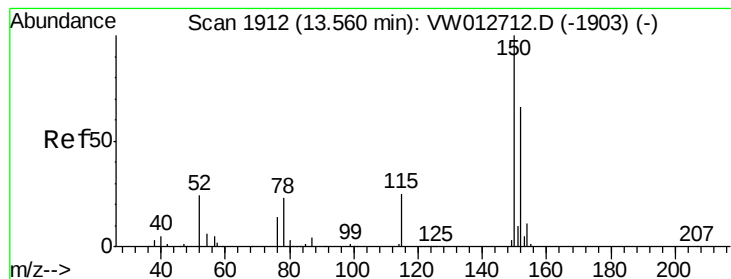
Tot Ion	95	Resp	132256
Ion Ratio	Lower	Upper	
95	100		
174	83.9	0.0	161.0
176	81.1	0.0	156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012848.D
Acq: 10 Sep 2019 03:38

Tgt Ion	117	Resp	325212
Ion Ratio	Lower	Upper	
117	100		
82	57.5	48.2	72.4
119	31.4	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012848.D

Acq: 10 Sep 2019 03:38

Instrument :

MSVOA_W

ClientSampleId :

T11-D4-(4)

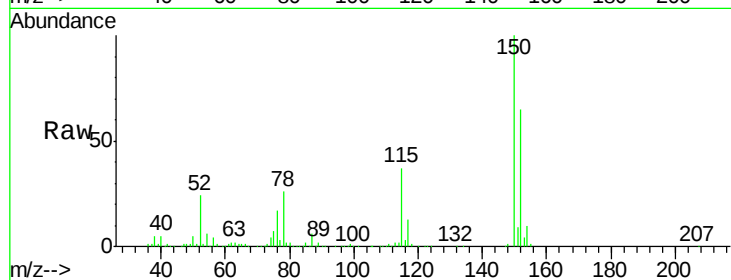
Tot Ion:152 Resp: 104549

Ion Ratio Lower Upper

152 100

115 56.2 30.0 90.1

150 155.2 0.0 349.0



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

