

Data File : VW012696.D
Acq On : 06 Sep 2019 17:16
Operator : SY/VA
Sample : K4580-19
Misc : 3.20G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T12-A1-(3.5)

Quant Time: Sep 07 06:30:07 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

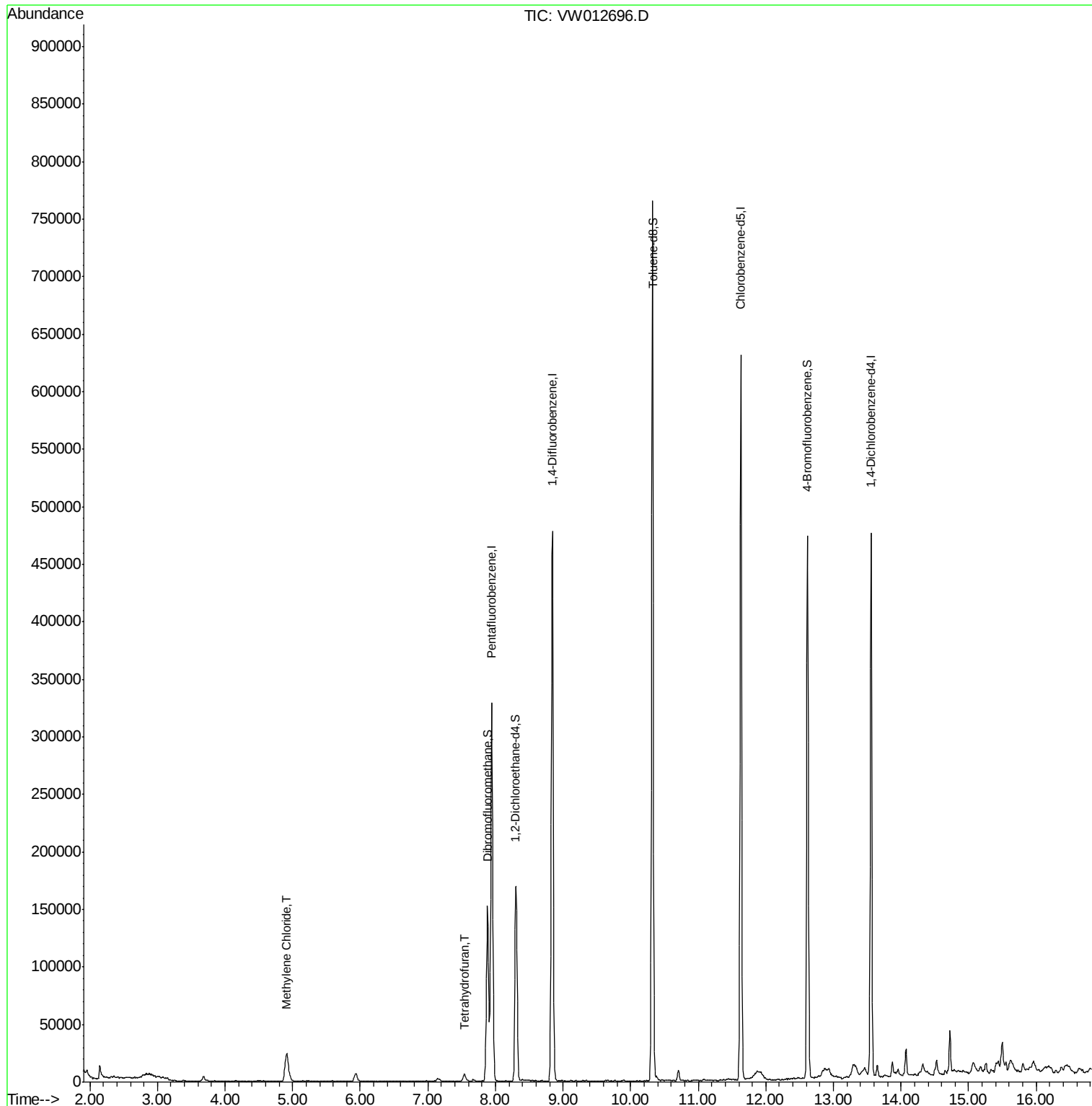
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	391597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124591	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141588	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	7.88	113	107140	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
50) Toluene-d8	10.32	98	489615	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.62	95	147410	44.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.24%	
Target Compounds						
20) Methylene Chloride	4.91	84	19917	7.215	ug/l	94
29) Tetrahydrofuran	7.54	42	5865	9.852	ug/l	97

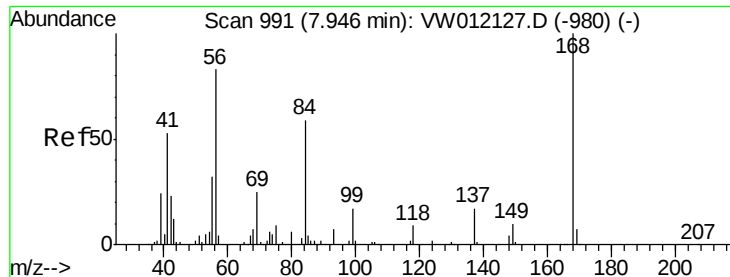
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

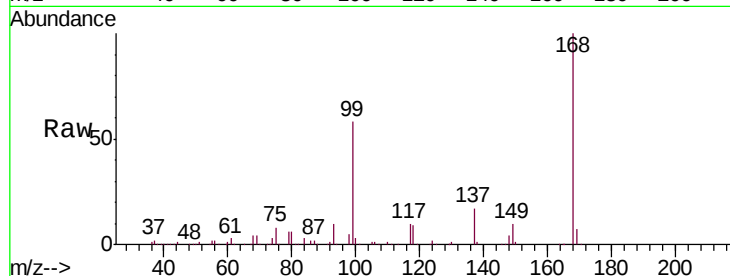
T12-A1-(3.5)

Tgt Ion:168 Resp: 240289

Ion Ratio Lower Upper

168 100

99 57.7 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

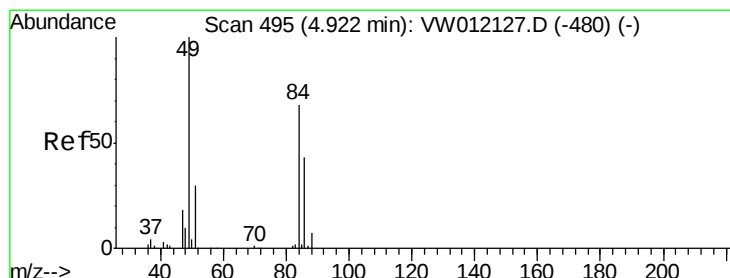
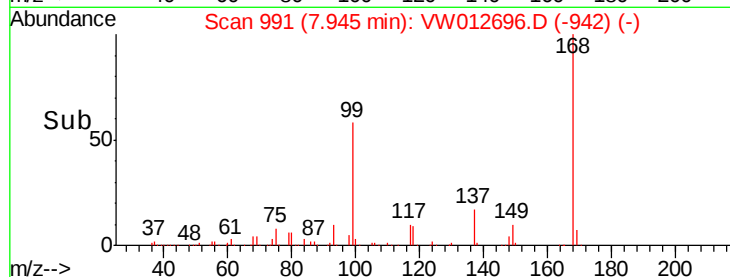
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 7.215 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012696.D

Acq: 06 Sep 2019 17:16

Tgt Ion: 84 Resp: 19917

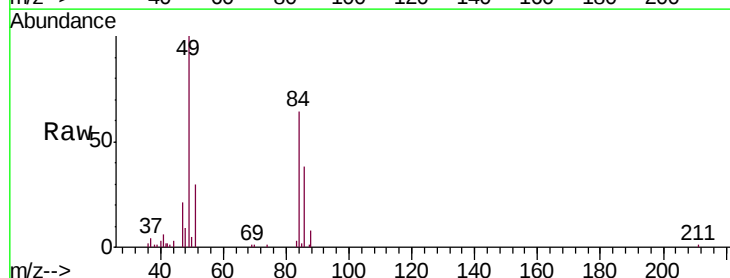
Ion Ratio Lower Upper

84 100

49 155.1 117.8 176.8

51 46.1 35.6 53.4

86 58.8 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

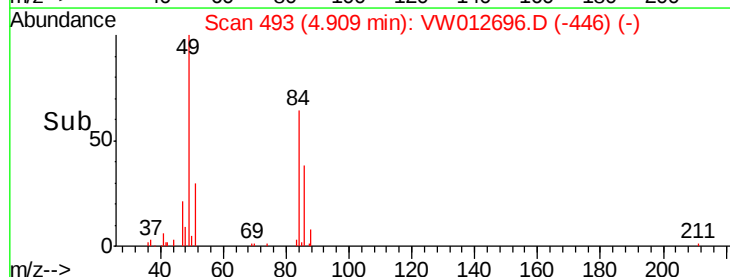
6000

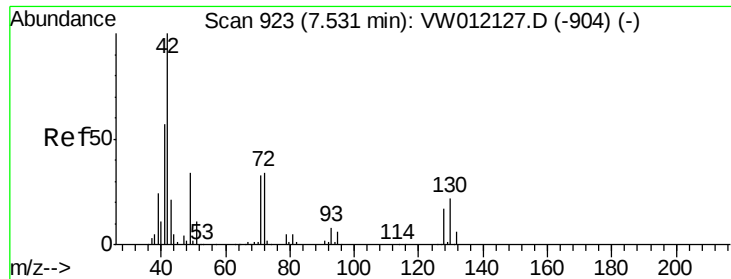
4000

2000

0

Time--> 4.80 4.90 5.00 5.10

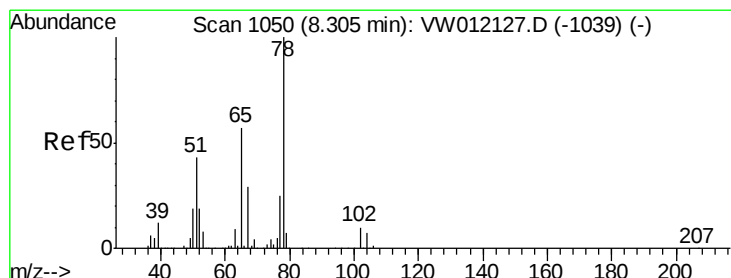
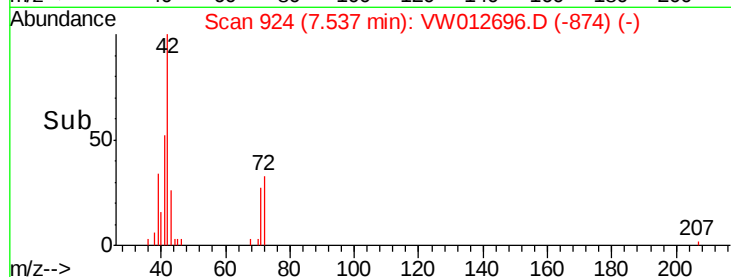
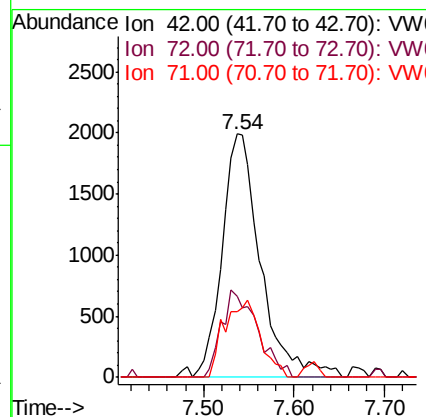
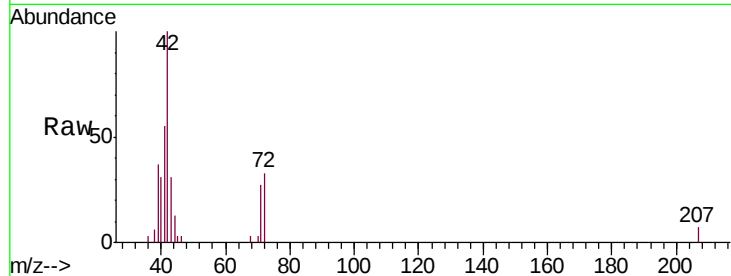




#29
Tetrahydrofuran
Concen: 9.852 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012696.D
Acq: 06 Sep 2019 17:16

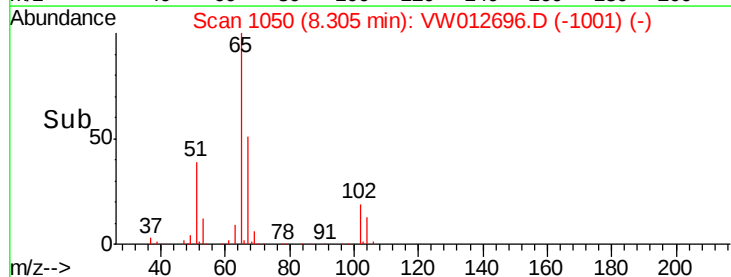
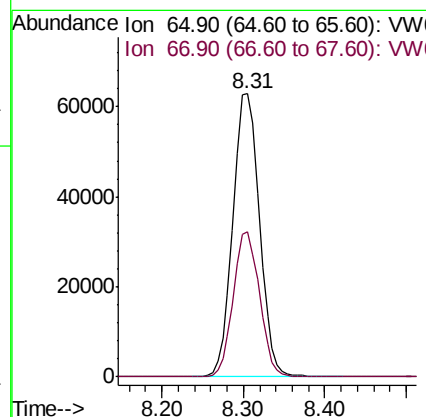
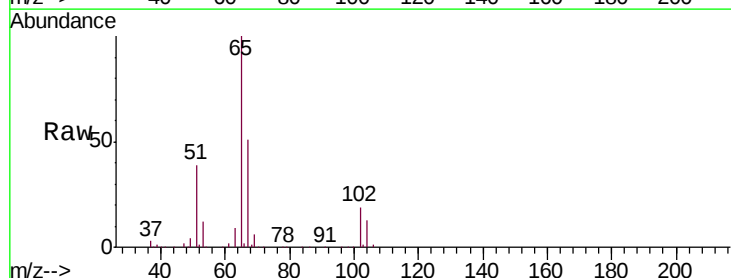
Instrument :
MSVOA_W
ClientSampleId :
T12-A1-(3.5)

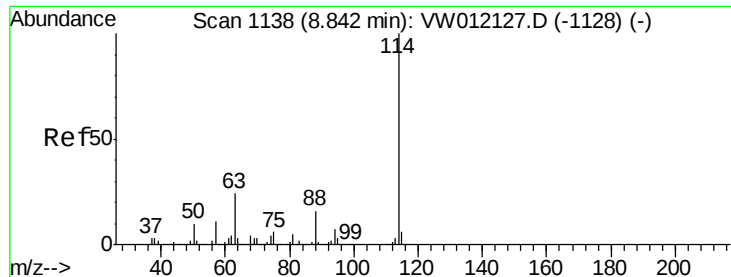
Tgt Ion: 42 Resp: 5865
Ion Ratio Lower Upper
42 100
72 33.4 27.3 40.9
71 29.7 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 49.568 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012696.D
Acq: 06 Sep 2019 17:16

Tgt Ion: 65 Resp: 141588
Ion Ratio Lower Upper
65 100
67 50.4 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: VW012696.D

Acq: 06 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

T12-A1-(3.5)

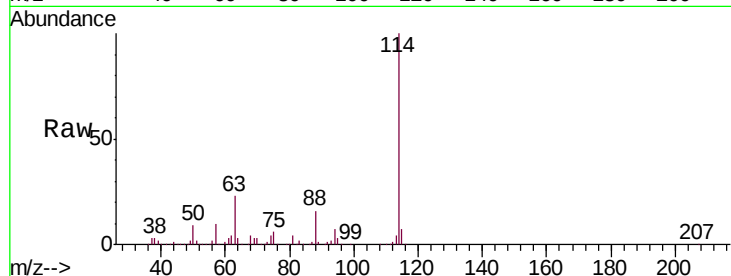
Tgt Ion:114 Resp: 391597

Ion Ratio Lower Upper

114 100

63 23.0 0.0 48.6

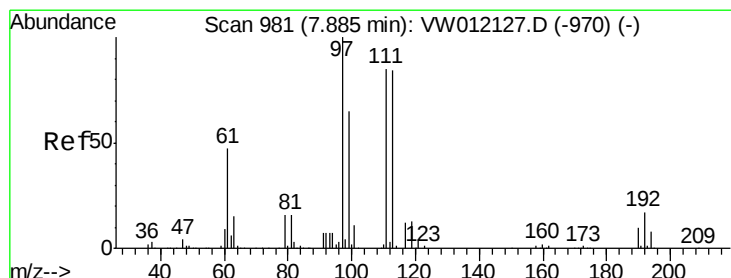
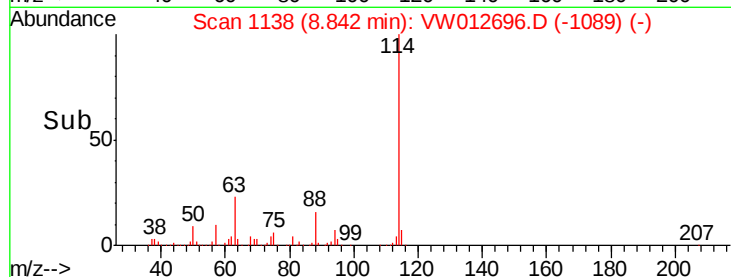
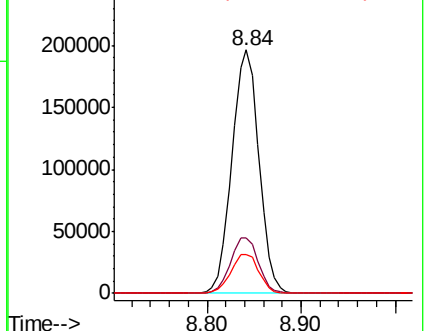
88 16.1 0.0 32.2



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



#35

Dibromofluoromethane

Concen: 45.836 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012696.D

Acq: 06 Sep 2019 17:16

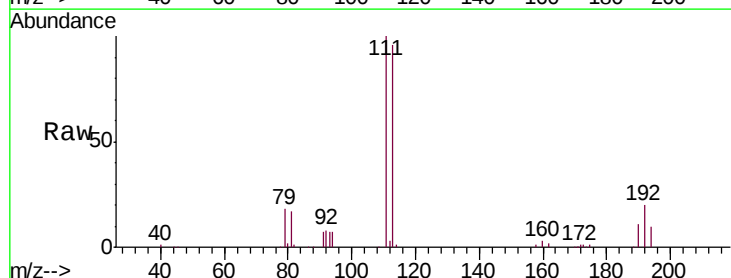
Tgt Ion:113 Resp: 107140

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

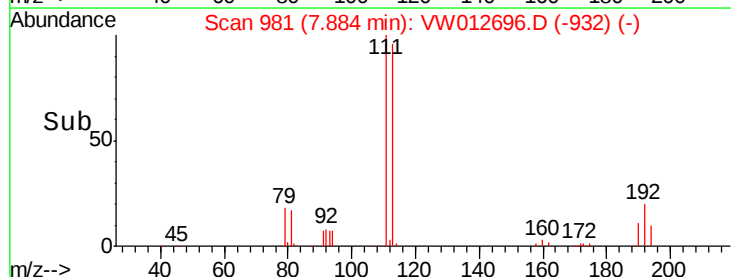
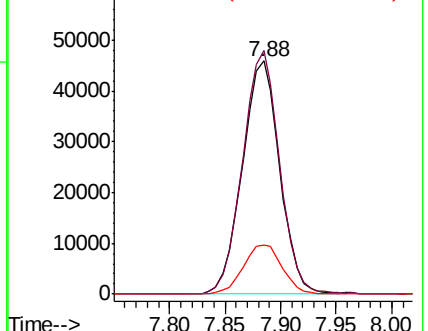
192 21.9 16.2 24.2

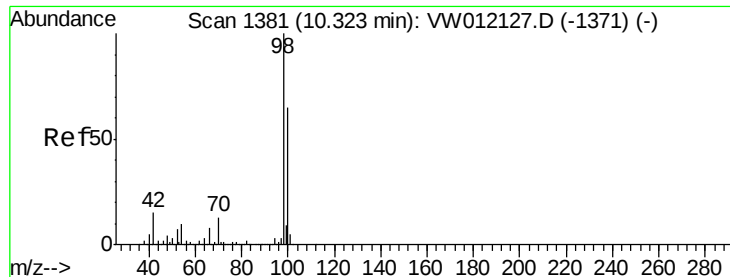


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.660 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012696.D

Acq: 06 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

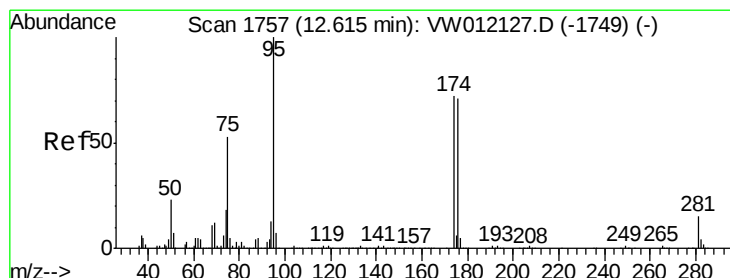
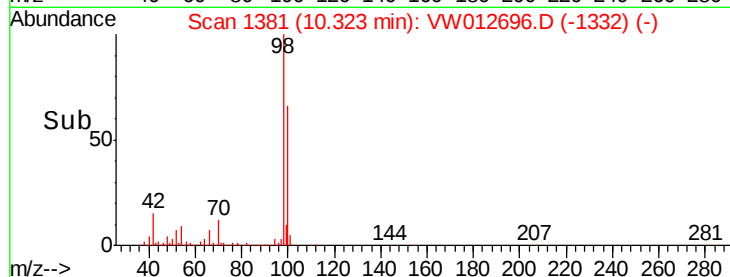
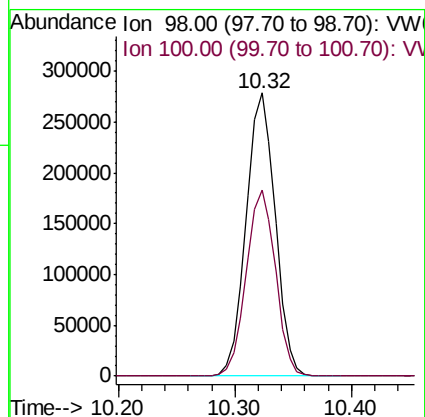
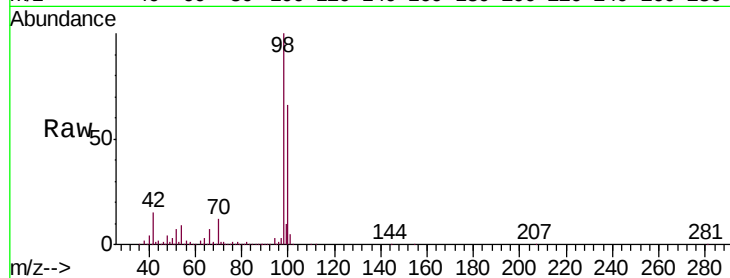
T12-A1-(3.5)

Tgt Ion: 98 Resp: 489615

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.123 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012696.D

Acq: 06 Sep 2019 17:16

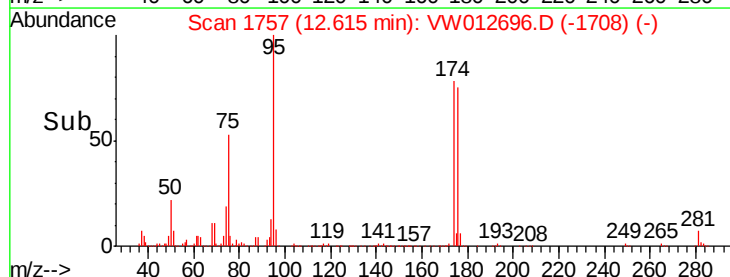
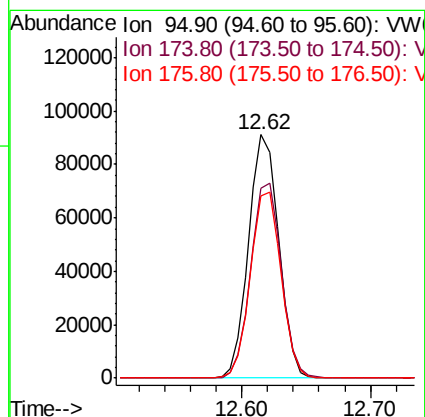
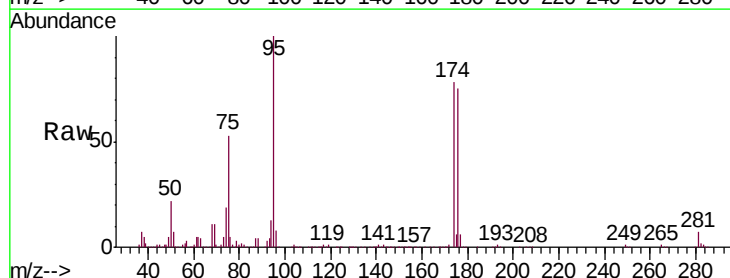
Tgt Ion: 95 Resp: 147410

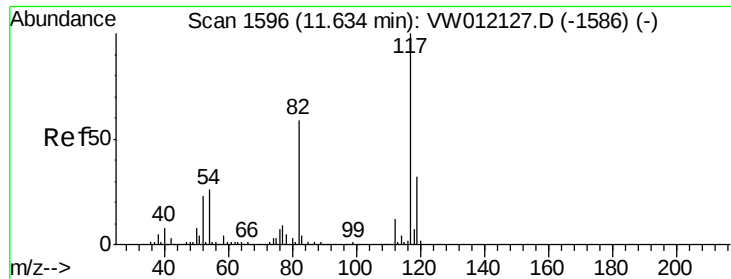
Ion Ratio Lower Upper

95 100

174 81.3 0.0 150.8

176 77.5 0.0 148.6

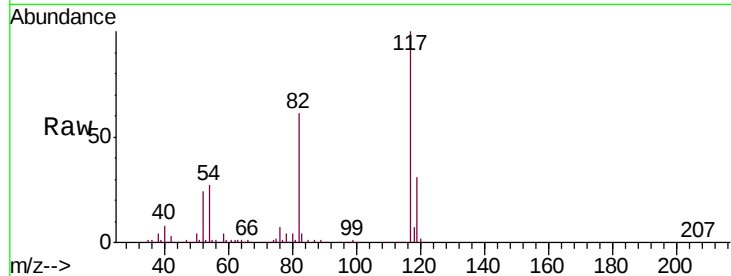




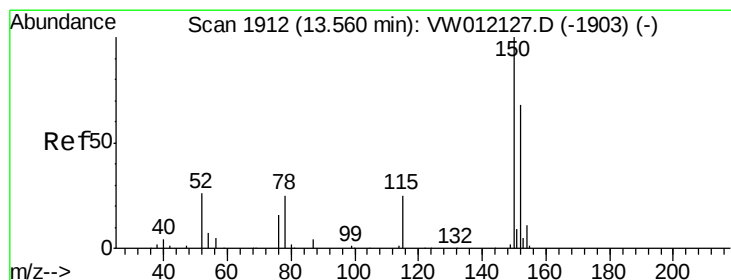
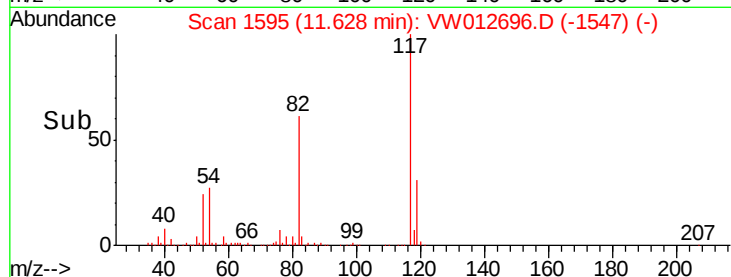
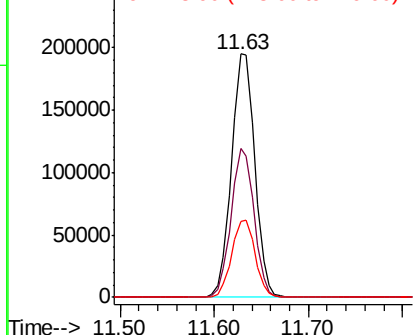
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012696.D
Acq: 06 Sep 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :
T12-A1-(3.5)

Tgt Ion:117 Resp: 335838
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 31.3 25.4 38.2

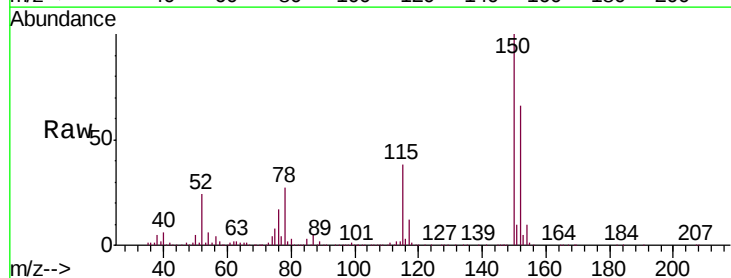


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012696.D
Acq: 06 Sep 2019 17:16

Tgt Ion:152 Resp: 124591
Ion Ratio Lower Upper
152 100
115 58.6 30.1 90.3
150 156.0 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

