

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012901.D
 Acq On : 11 Sep 2019 06:13
 Operator : SY/VA
 Sample : K4680-07
 Misc : 3.91G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-4-(1.5)

Quant Time: Sep 11 08:40:54 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

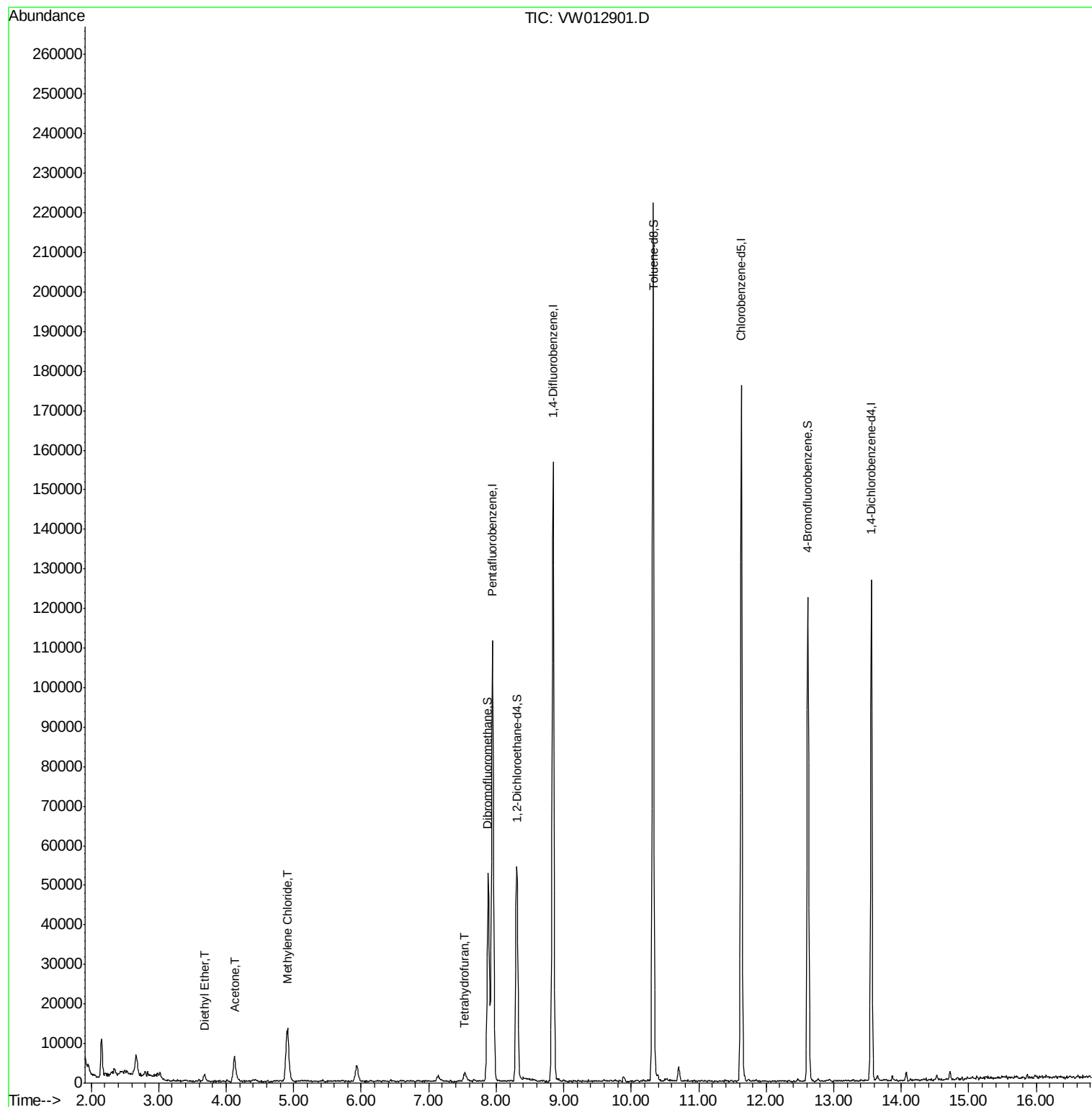
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	85227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	94064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	33717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	46212	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	7.88	113	36890	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.32	98	140303	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.62	95	39240	37.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.78%	
Target Compounds						
8) Diethyl Ether	3.67	74	1047	2.622	ug/l	87
16) Acetone	4.12	43	11223	43.231	ug/l	99
20) Methylene Chloride	4.91	84	9391	11.563	ug/l	93
29) Tetrahydrofuran	7.54	42	2021	9.640	ug/l	92

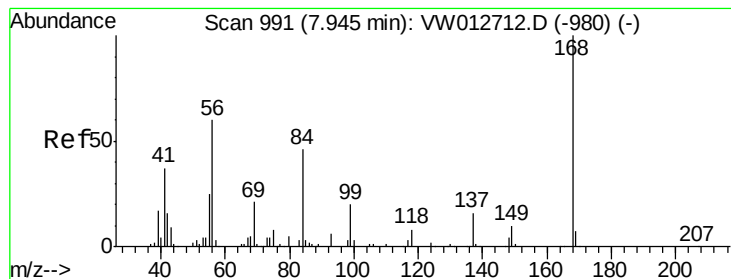
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
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: VW012901.D

Acq: 11 Sep 2019 06:13

Instrument :

MSVOA_W

ClientSampleId :

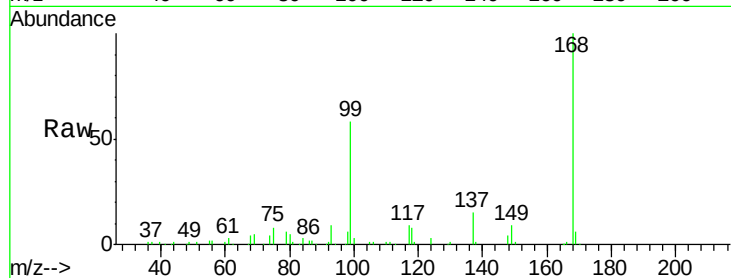
T1-4-(1.5)

Tot Ion:168 Resp: 85227

Ion Ratio Lower Upper

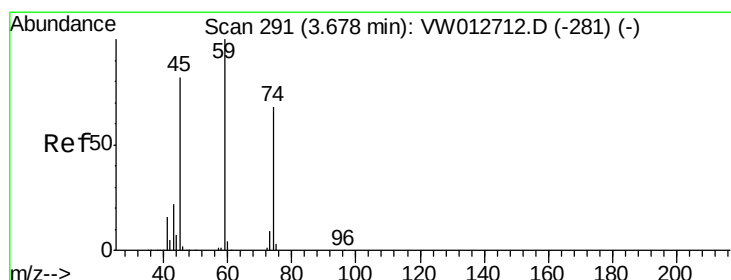
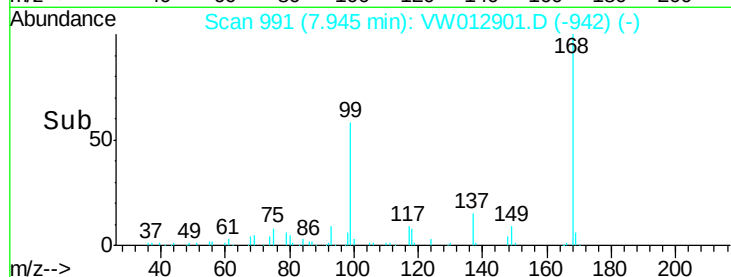
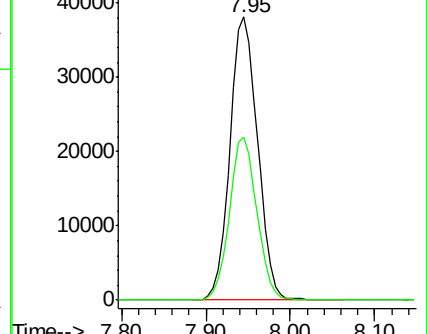
168 100

99 57.6 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.622 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012901.D

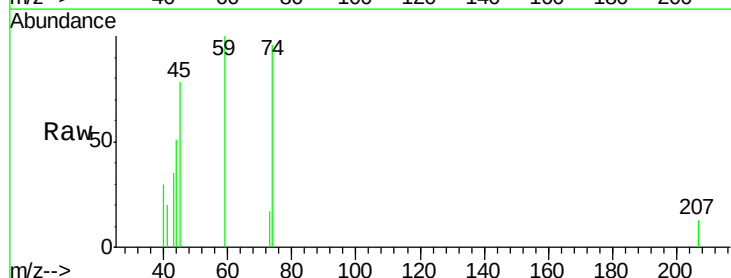
Acq: 11 Sep 2019 06:13

Tgt Ion: 74 Resp: 1047

Ion Ratio Lower Upper

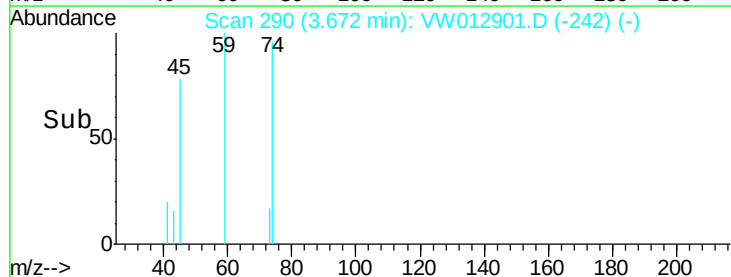
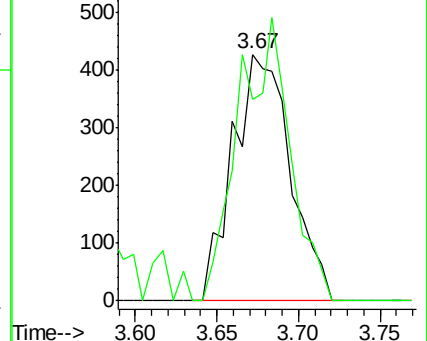
74 100

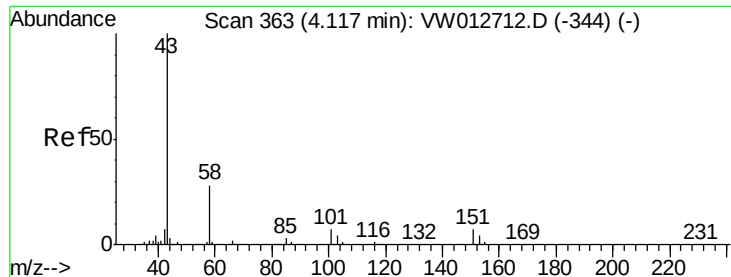
45 103.2 58.8 176.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

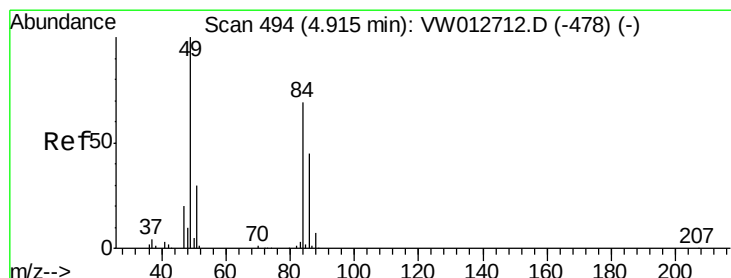
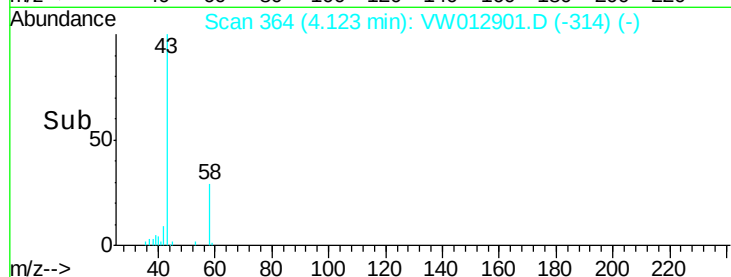
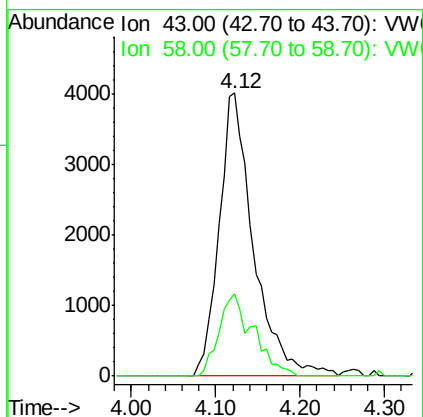
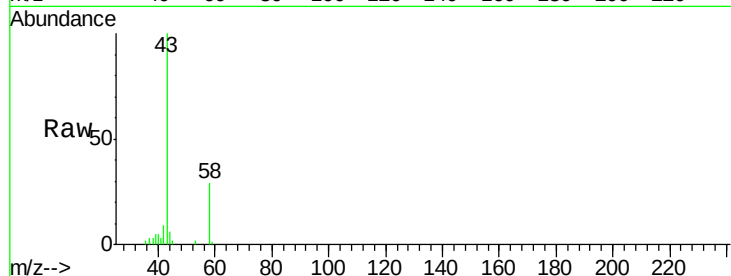




#16
Acetone
Concen: 43.231 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW012901.D
Acq: 11 Sep 2019 06:13

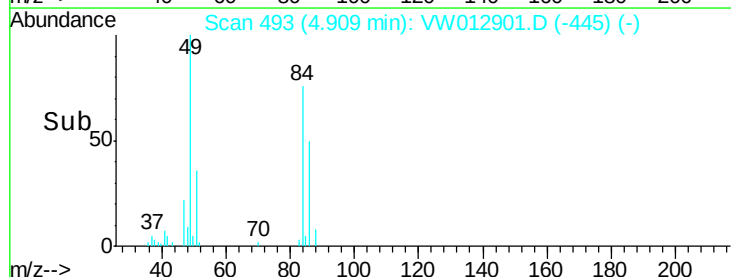
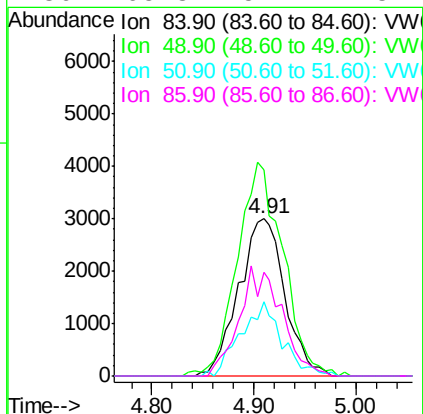
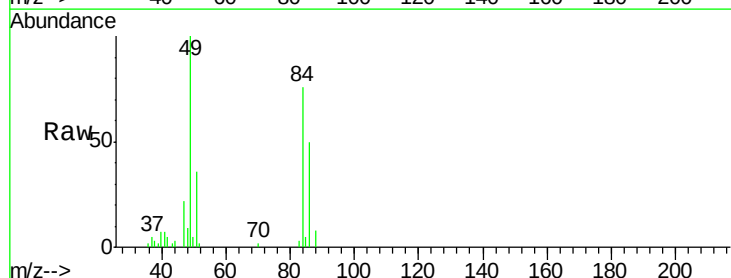
Instrument :
MSVOA_W
ClientSampleId :
T1-4-(1.5)

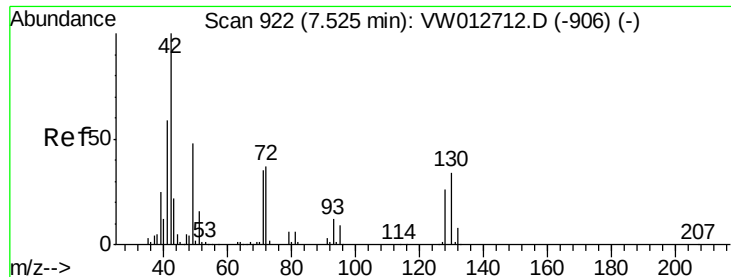
Tot Ion: 43 Resp: 11223
Ion Ratio Lower Upper
43 100
58 29.0 22.6 33.8



#20
Methylene Chloride
Concen: 11.563 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012901.D
Acq: 11 Sep 2019 06:13

Tgt Ion: 84 Resp: 9391
Ion Ratio Lower Upper
84 100
49 130.7 115.4 173.0
51 47.0 34.9 52.3
86 65.8 52.2 78.4

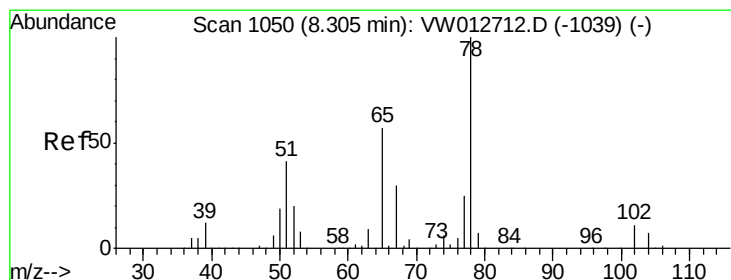
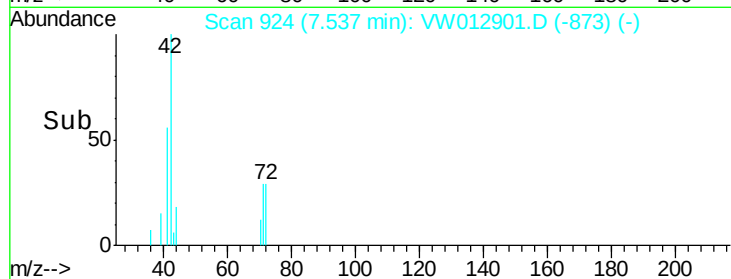
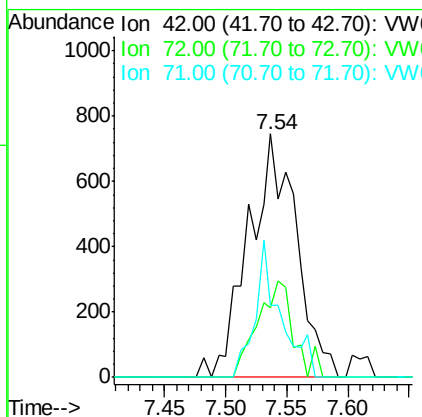
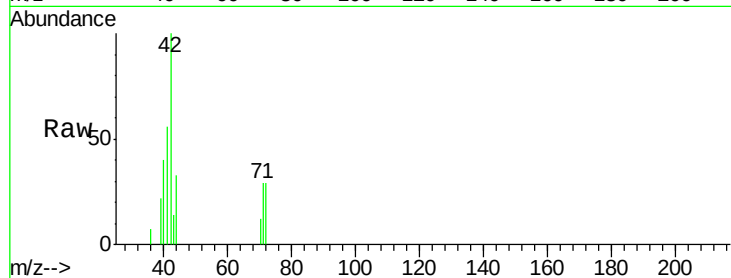




#29
Tetrahydrofuran
Concen: 9.640 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012901.D
Acq: 11 Sep 2019 06:13

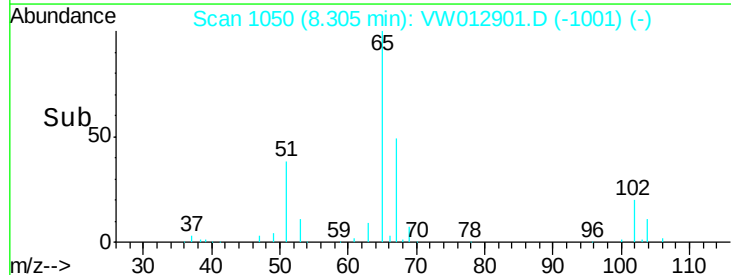
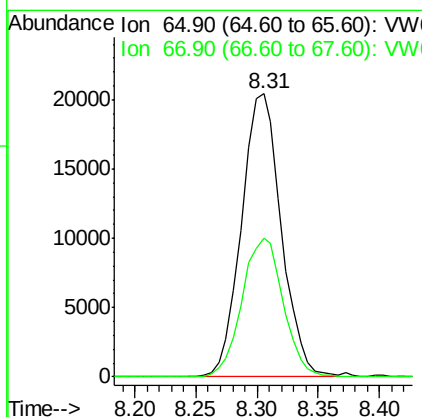
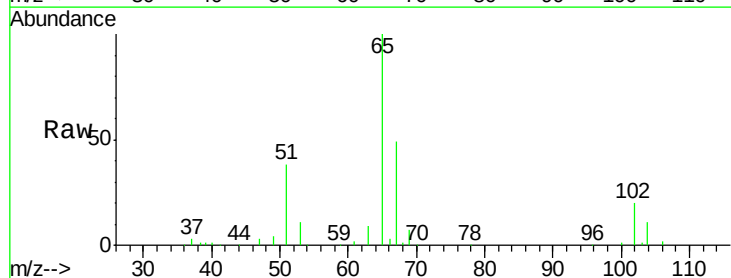
Instrument :
MSVOA_W
ClientSampled :
T1-4-(1.5)

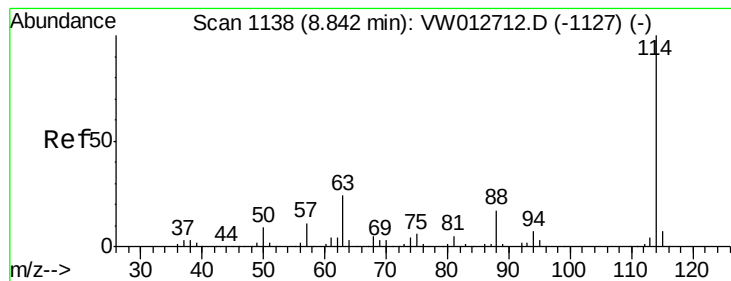
Tot Ion: 42 Resp: 2021
Ion Ratio Lower Upper
42 100
72 29.7 28.4 42.6
71 30.4 27.1 40.7



#33
1,2-Dichloroethane-d4
Concen: 48.528 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012901.D
Acq: 11 Sep 2019 06:13

Tgt Ion: 65 Resp: 46212
Ion Ratio Lower Upper
65 100
67 50.7 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: VW012901.D

Acq: 11 Sep 2019 06:13

Instrument :

MSVOA_W

ClientSampleId :

T1-4-(1.5)

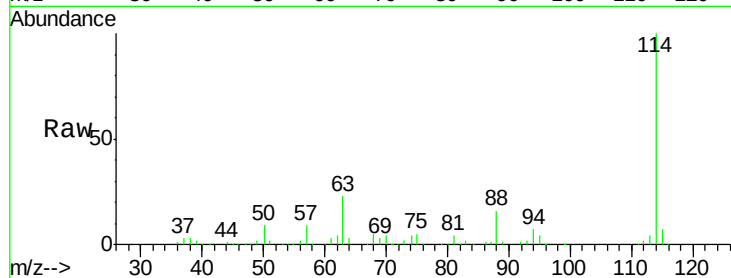
Tot Ion:114 Resp: 122463

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.2

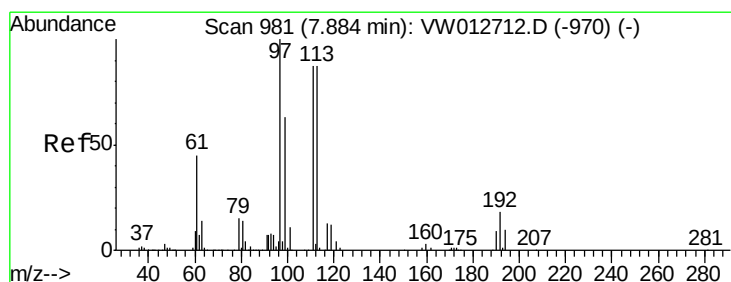
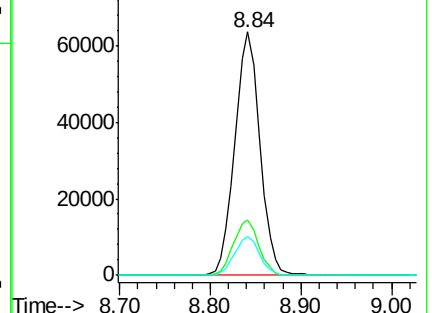
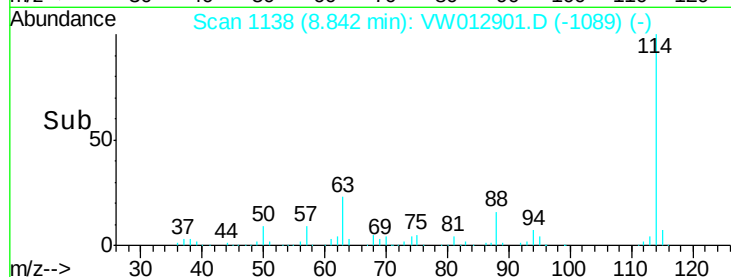
88 16.2 0.0 34.0



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



#35

Dibromofluoromethane

Concen: 50.668 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012901.D

Acq: 11 Sep 2019 06:13

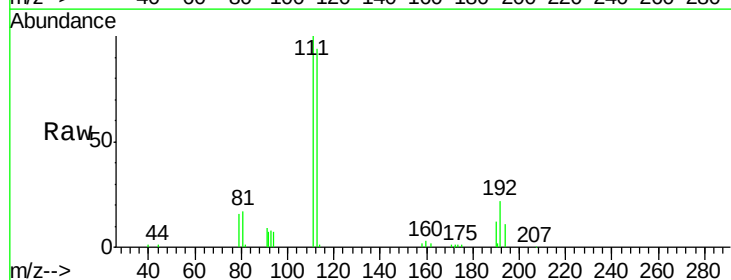
Tgt Ion:113 Resp: 36890

Ion Ratio Lower Upper

113 100

111 105.7 80.2 120.4

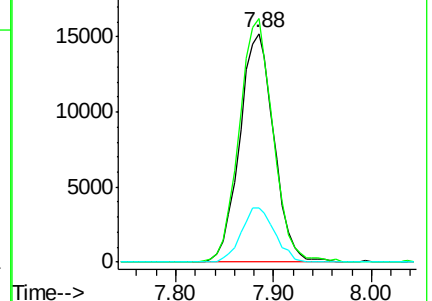
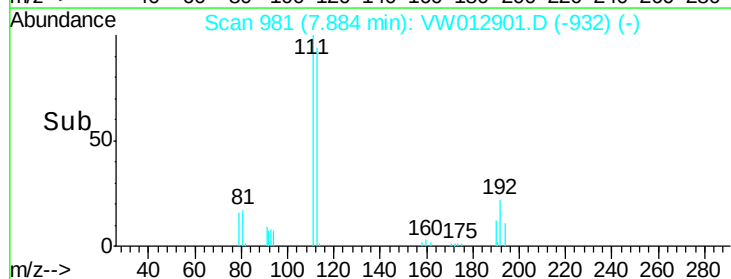
192 23.2 17.3 25.9

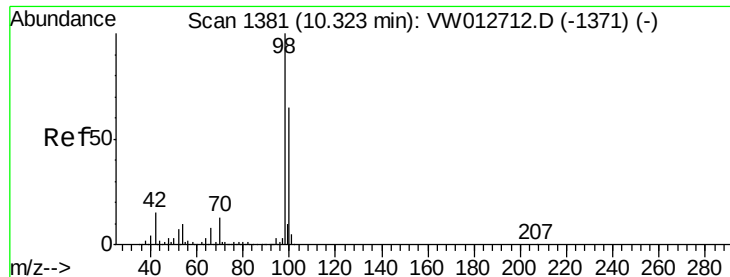


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.187 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012901.D

Acq: 11 Sep 2019 06:13

Instrument :

MSVOA_W

ClientSampleId :

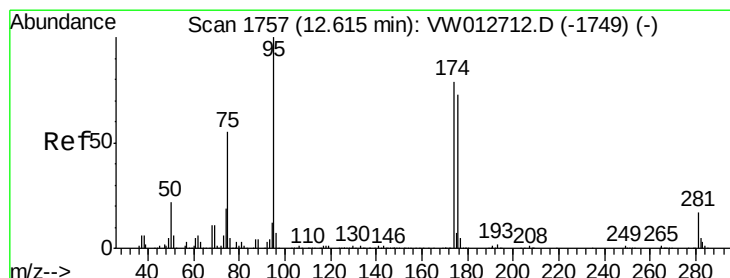
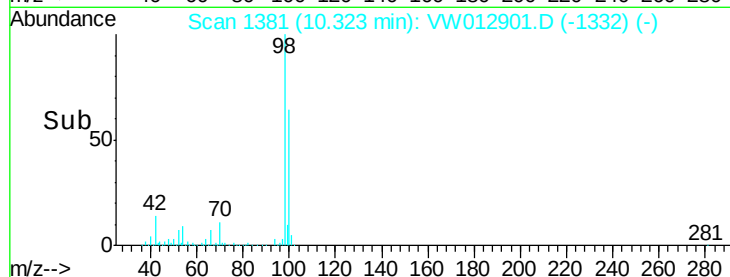
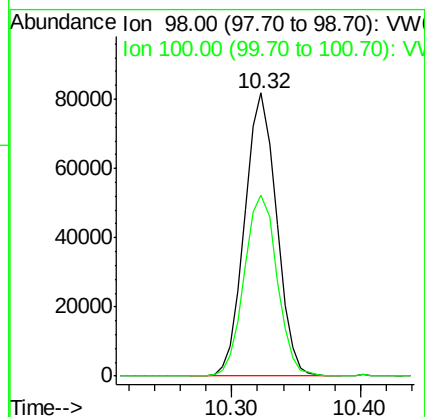
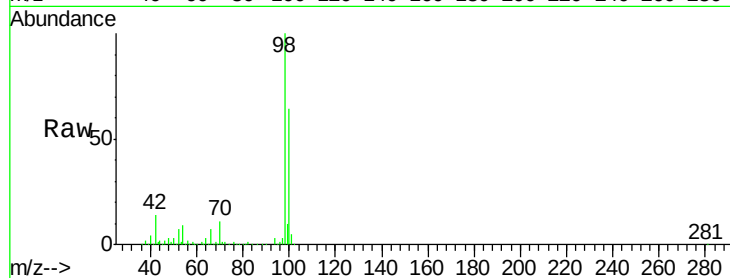
T1-4-(1.5)

Tot Ion: 98 Resp: 140303

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 37.894 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012901.D

Acq: 11 Sep 2019 06:13

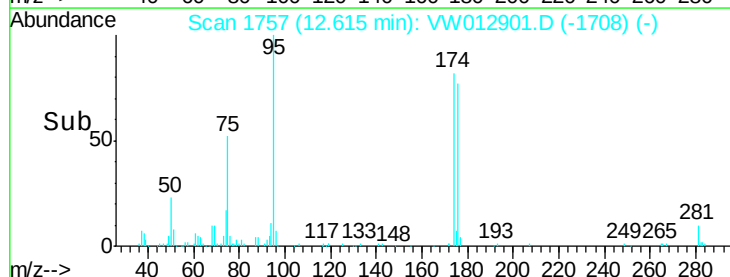
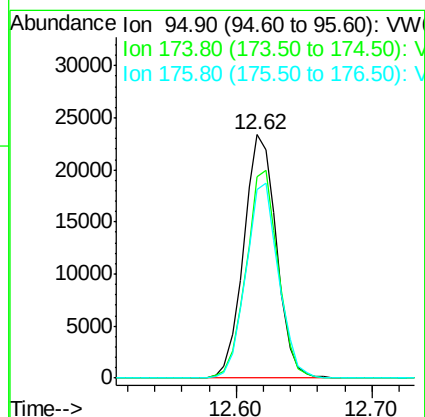
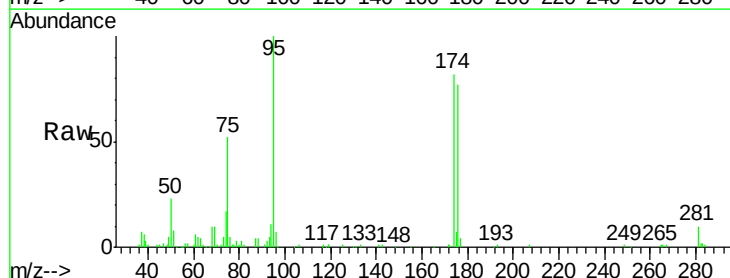
Tgt Ion: 95 Resp: 39240

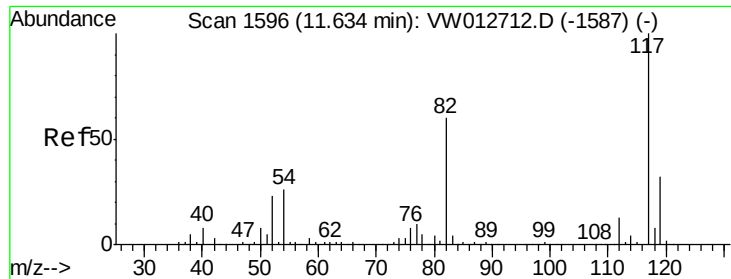
Ion Ratio Lower Upper

95 100

174 83.2 0.0 161.0

176 80.0 0.0 156.4

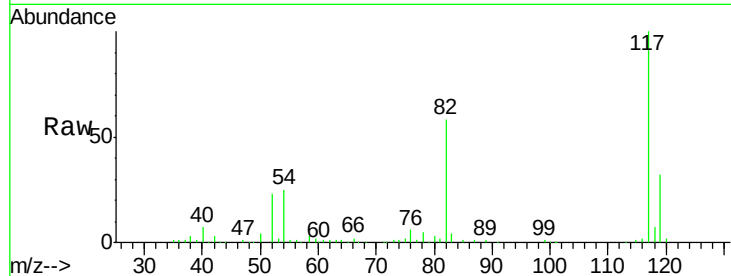




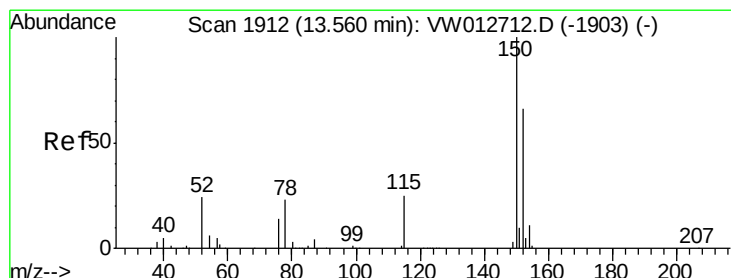
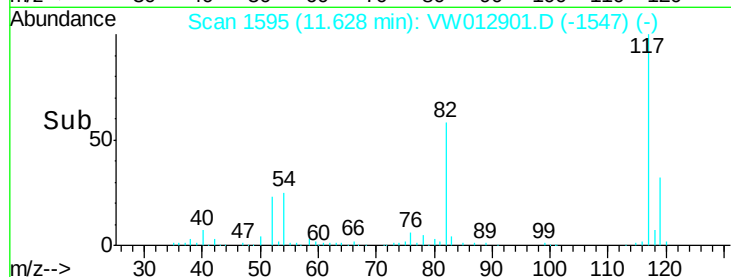
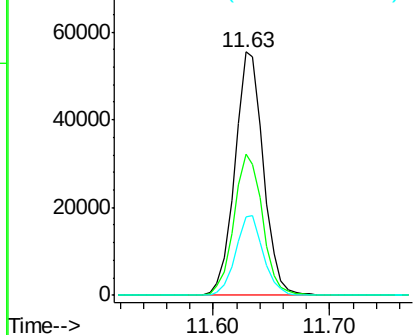
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012901.D
Acq: 11 Sep 2019 06:13

Instrument :
MSVOA_W
ClientSampleId :
T1-4-(1.5)

Tot Ion:117 Resp: 94064
Ion Ratio Lower Upper
117 100
82 57.9 48.2 72.4
119 32.1 25.8 38.6

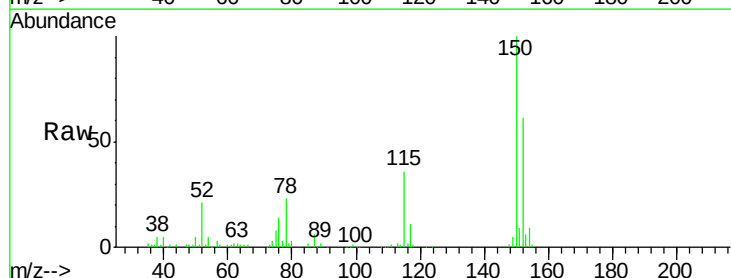


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012901.D
Acq: 11 Sep 2019 06:13

Tgt Ion:152 Resp: 33717
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.1
150 158.1 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

