

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011986.D
 Acq On : 19 Aug 2019 12:57
 Operator : SY/VA
 Sample : K4385-06
 Misc : 6.56G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A1-(2)

Quant Time: Aug 19 14:49:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

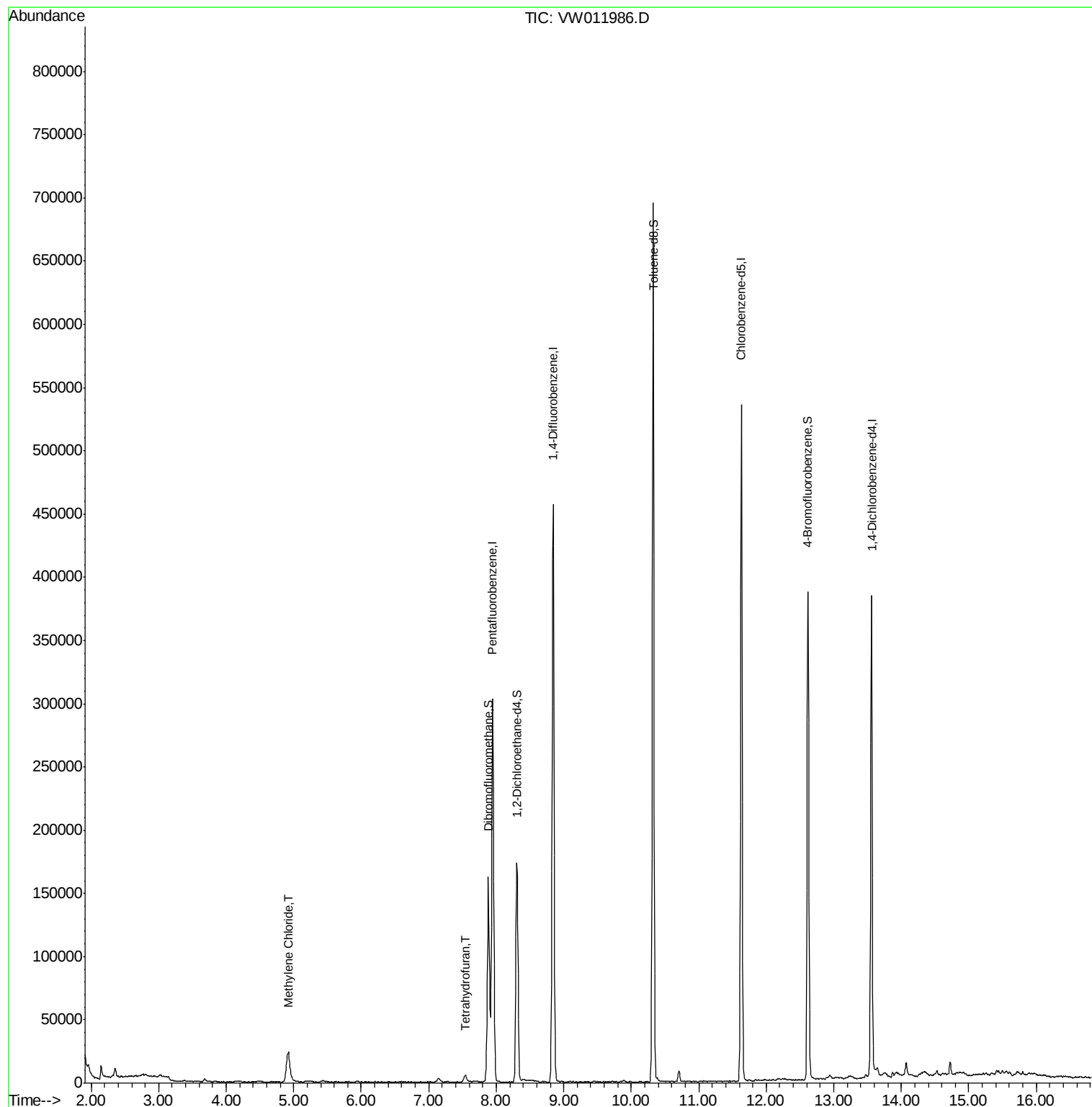
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	96340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	137964	54.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.84%	
35) Dibromofluoromethane	7.88	113	112697	54.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.76%	
50) Toluene-d8	10.32	98	438492	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.62	95	127389	42.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.00%	
Target Compounds						
20) Methylene Chloride	4.92	84	18896	6.856	ug/l	95
29) Tetrahydrofuran	7.54	42	5413	9.056	ug/l	97

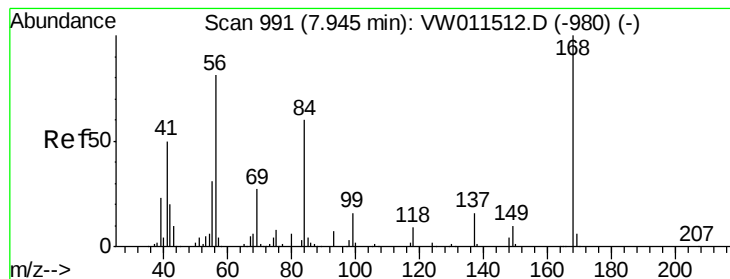
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011986.D

Acq: 19 Aug 2019 12:57

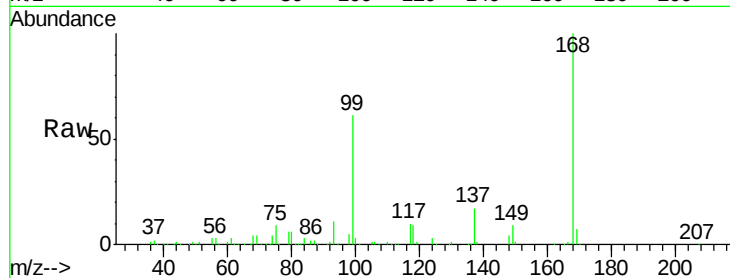
Instrument :
MSVOA_W
ClientSampleId :
T8-A1-(2)

Tot Ion:168 Resp: 218778

Ion Ratio Lower Upper

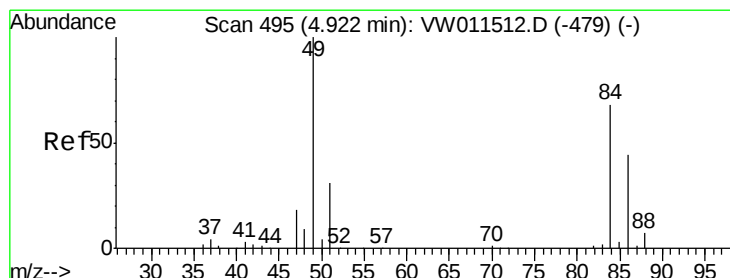
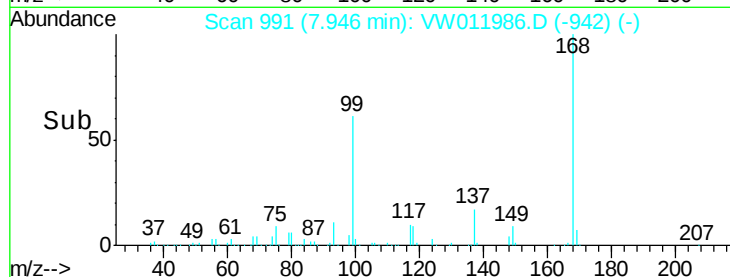
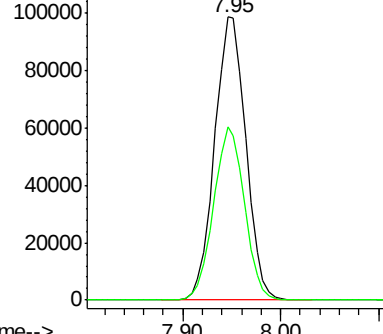
168 100

99 61.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 6.856 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW011986.D

Acq: 19 Aug 2019 12:57

Tgt Ion: 84 Resp: 18896

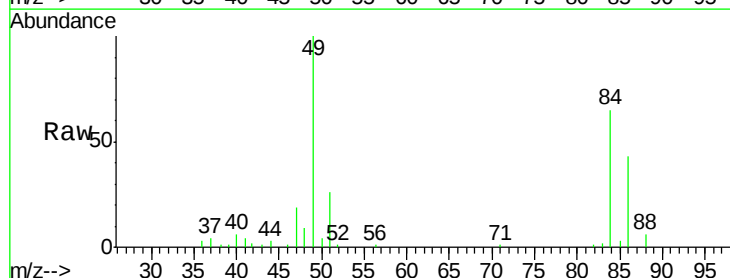
Ion Ratio Lower Upper

84 100

49 153.3 117.8 176.6

51 40.6 37.0 55.4

86 66.1 51.8 77.8

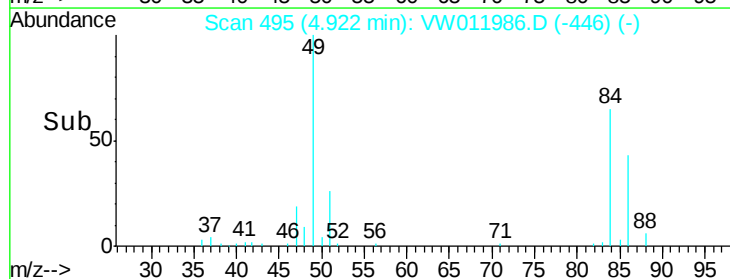
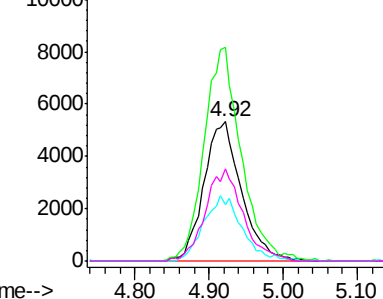


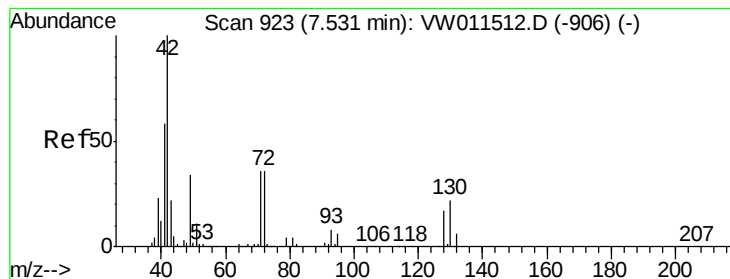
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#29

Tetrahydrofuran

Concen: 9.056 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW011986.D

Acq: 19 Aug 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

T8-A1-(2)

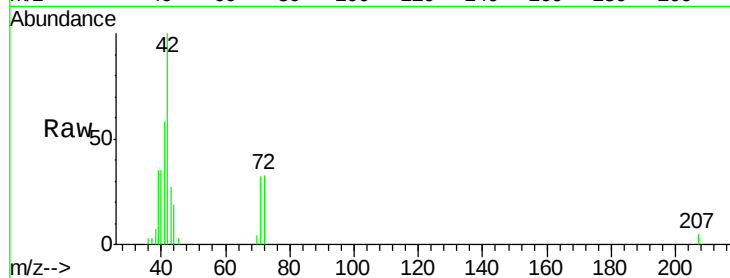
Tot Ion: 42 Resp: 5413

Ion Ratio Lower Upper

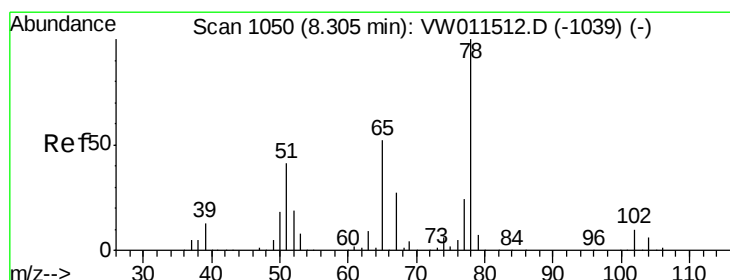
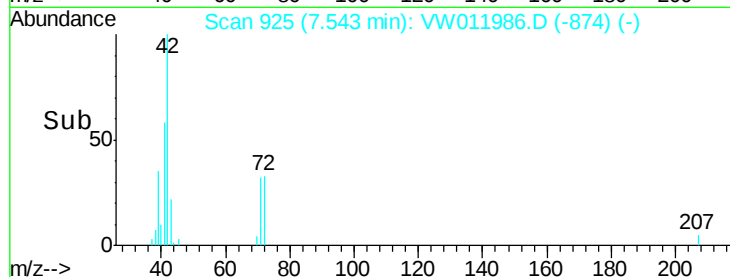
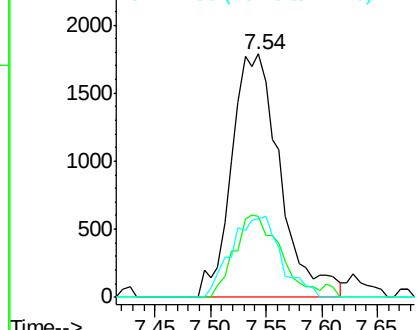
42 100

72 31.9 27.1 40.7

71 33.7 26.2 39.4



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: 54.918 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011986.D

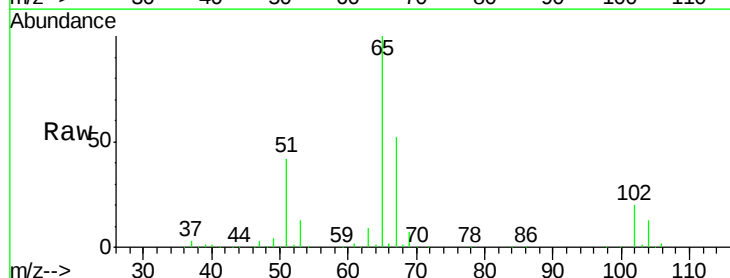
Acq: 19 Aug 2019 12:57

Tgt Ion: 65 Resp: 137964

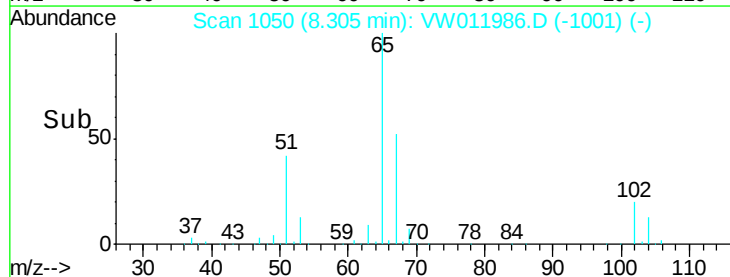
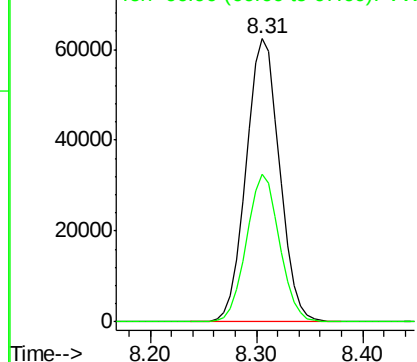
Ion Ratio Lower Upper

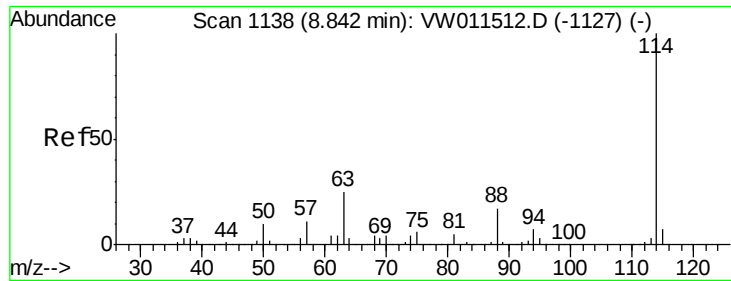
65 100

67 51.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

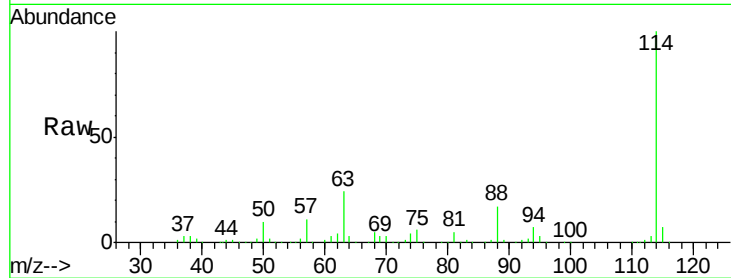




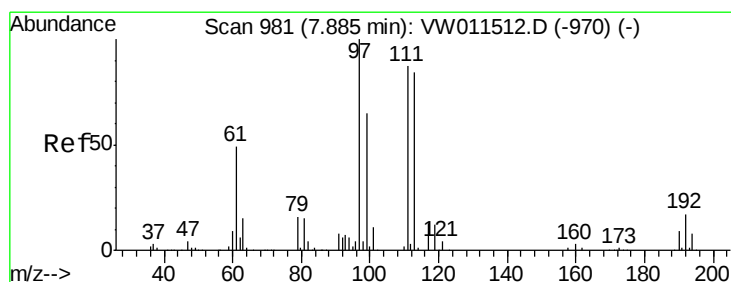
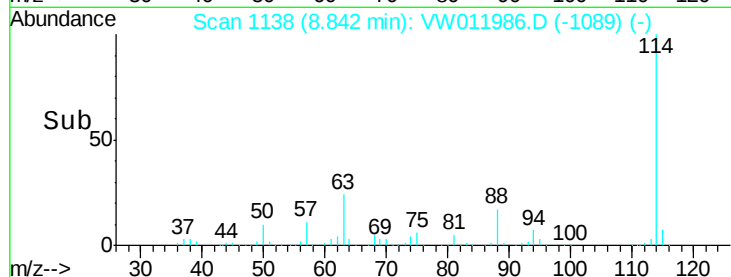
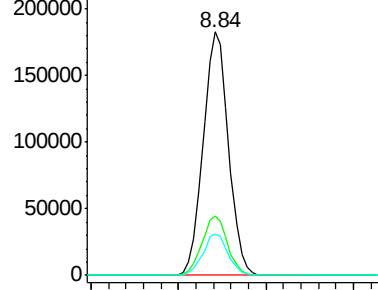
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011986.D
Acq: 19 Aug 2019 12:57

Instrument :
MSVOA_W
ClientSampleId :
T8-A1-(2)

Tot Ion:114 Resp: 366025
Ion Ratio Lower Upper
114 100
63 24.4 0.0 49.2
88 17.2 0.0 33.8

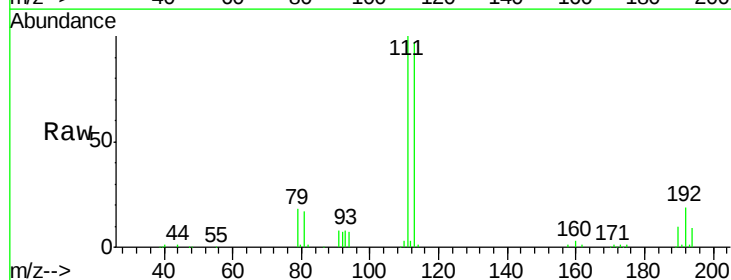


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

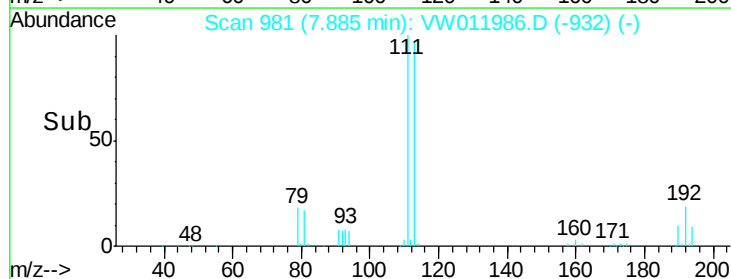
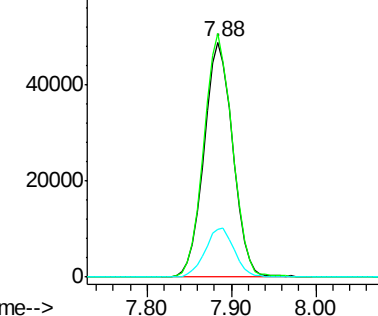


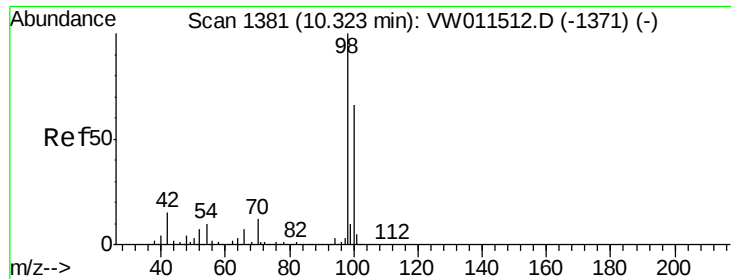
#35
Dibromofluoromethane
Concen: 54.881 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW011986.D
Acq: 19 Aug 2019 12:57

Tgt Ion:113 Resp: 112697
Ion Ratio Lower Upper
113 100
111 103.2 82.7 124.1
192 21.0 16.1 24.1



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: 52.155 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011986.D

Acq: 19 Aug 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

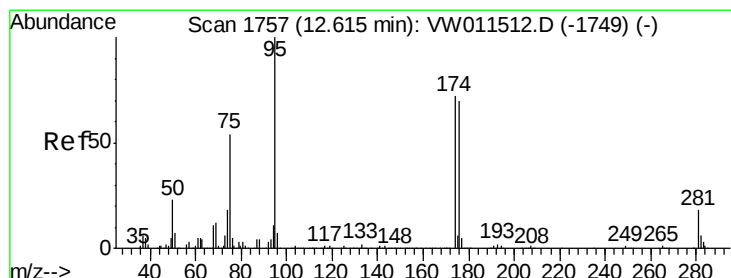
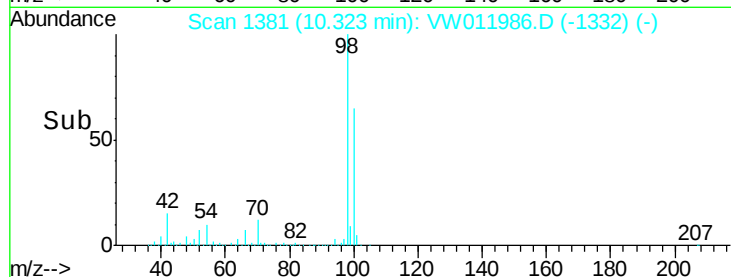
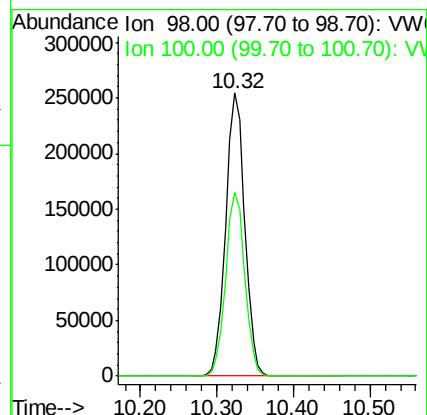
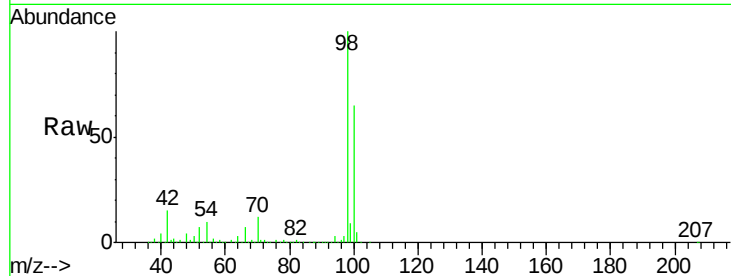
T8-A1-(2)

Tot Ion: 98 Resp: 438492

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 42.499 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011986.D

Acq: 19 Aug 2019 12:57

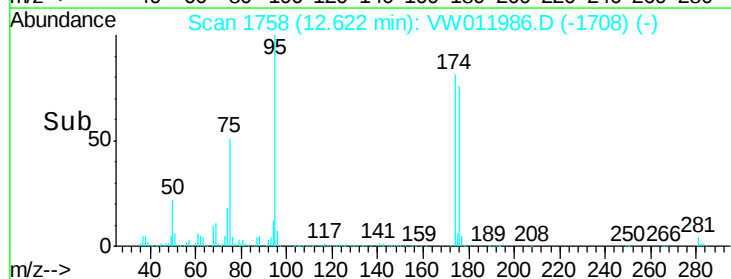
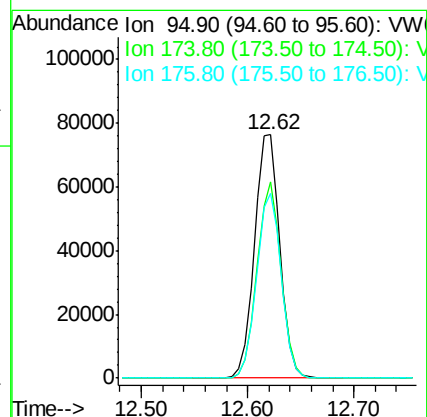
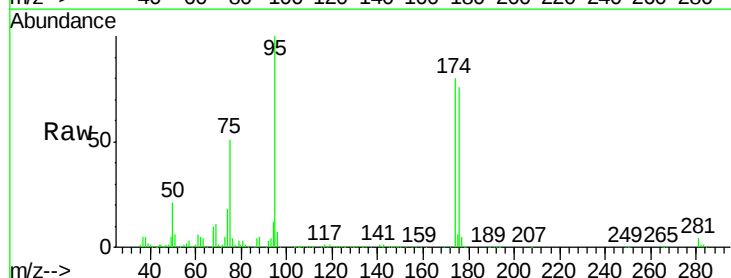
Tgt Ion: 95 Resp: 127389

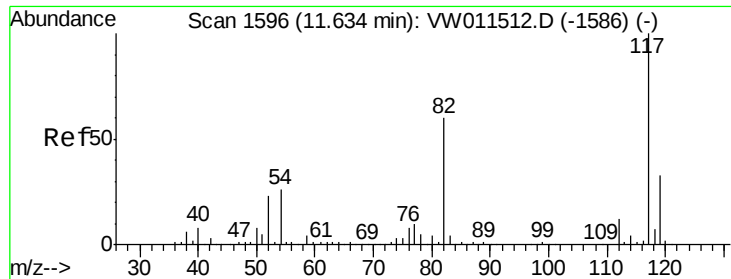
Ion Ratio Lower Upper

95 100

174 76.6 0.0 150.2

176 74.0 0.0 144.4

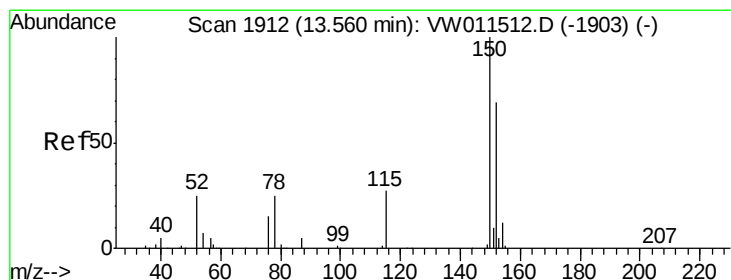
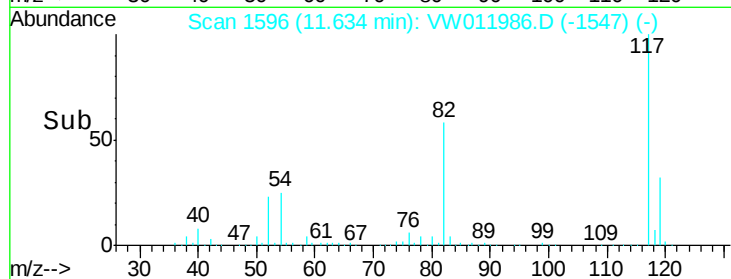
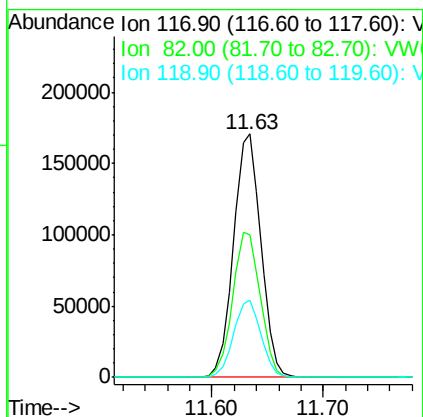
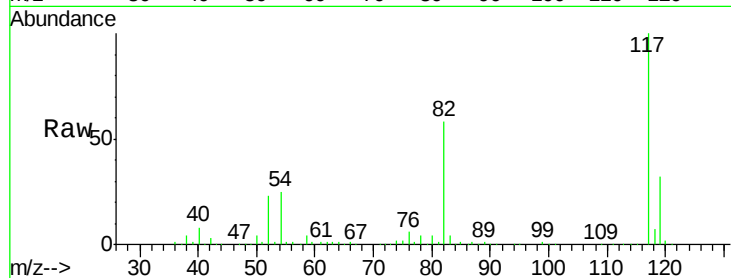




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011986.D
Acq: 19 Aug 2019 12:57

Instrument :
MSVOA_W
ClientSampleId :
T8-A1-(2)

Tot Ion:117 Resp: 290047
Ion Ratio Lower Upper
117 100
82 58.4 47.9 71.9
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011986.D
Acq: 19 Aug 2019 12:57

Tgt Ion:152 Resp: 96340
Ion Ratio Lower Upper
152 100
115 60.0 30.5 91.5
150 156.1 0.0 352.6

