

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW012007.D
 Acq On : 19 Aug 2019 23:03
 Operator : SY/VA
 Sample : K4386-02
 Misc : 5.24G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-E3-(0)

Quant Time: Aug 20 06:44:52 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

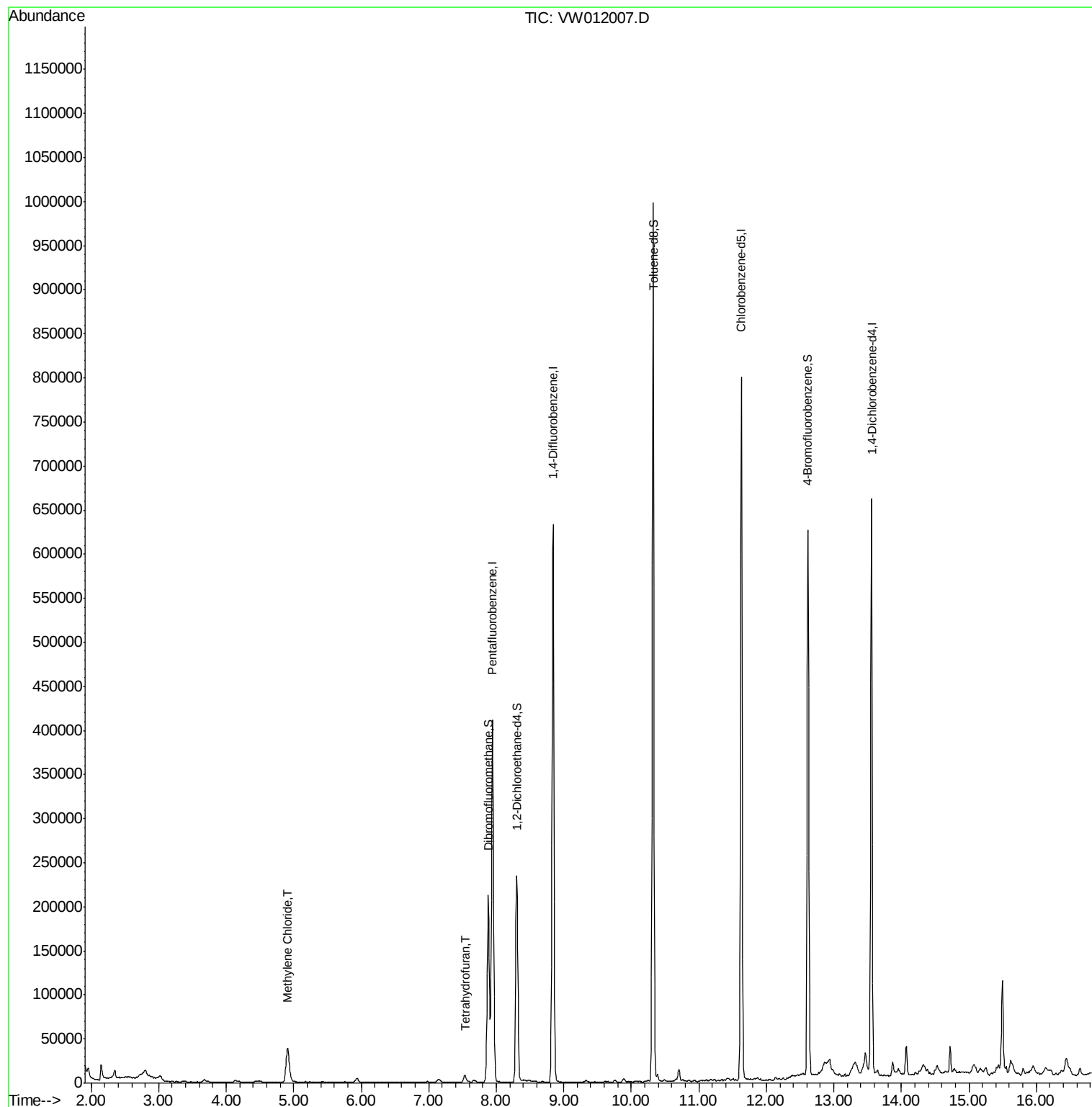
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	303273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	505742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	431818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	189972	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.10%	
35) Dibromofluoromethane	7.88	113	152510	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
50) Toluene-d8	10.32	98	627301	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
62) 4-Bromofluorobenzene	12.62	95	204958	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
Target Compounds						
20) Methylene Chloride	4.91	84	29112	7.620	ug/l	96
29) Tetrahydrofuran	7.54	42	7275	8.780	ug/l	96

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

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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: VW012007.D

Acq: 19 Aug 2019 23:03

Instrument :

MSVOA_W

ClientSampleId :

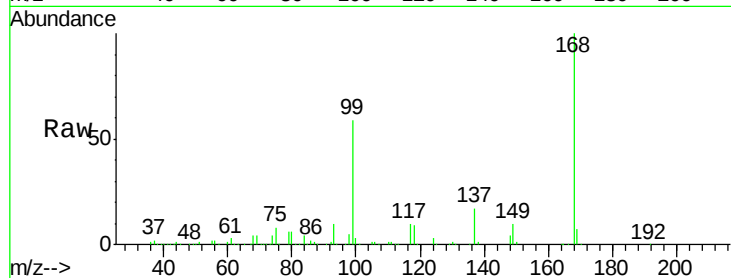
T8-E3-(0)

Tot Ion:168 Resp: 303273

Ion Ratio Lower Upper

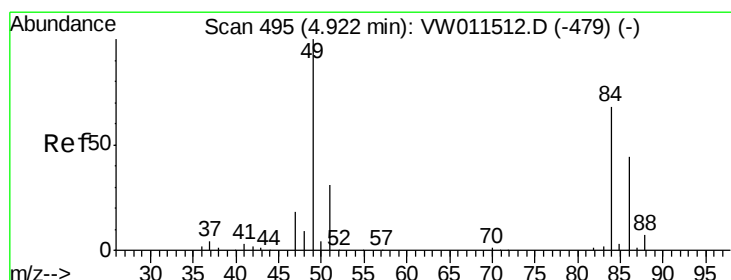
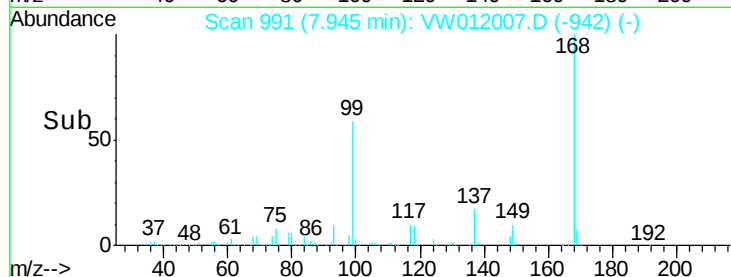
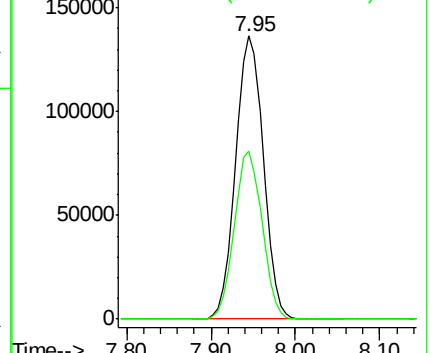
168 100

99 59.4 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: 7.620 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012007.D

Acq: 19 Aug 2019 23:03

Tgt Ion: 84 Resp: 29112

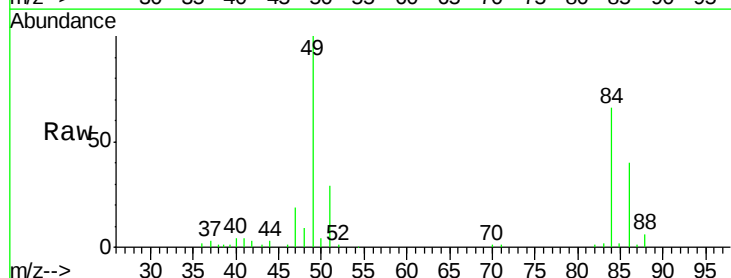
Ion Ratio Lower Upper

84 100

49 151.6 117.8 176.6

51 43.9 37.0 55.4

86 60.3 51.8 77.8

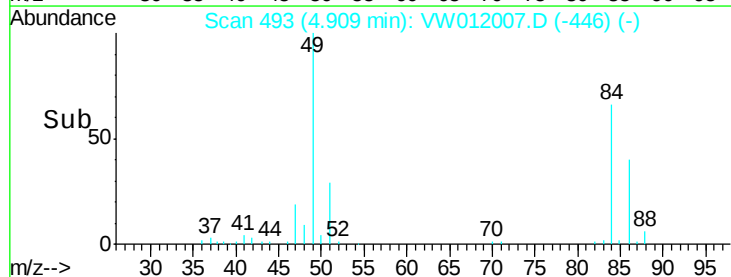
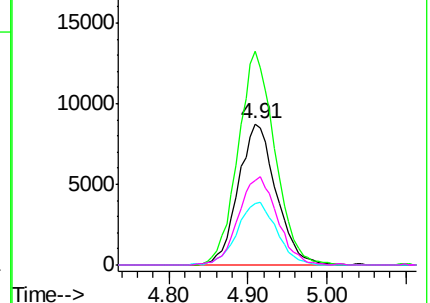


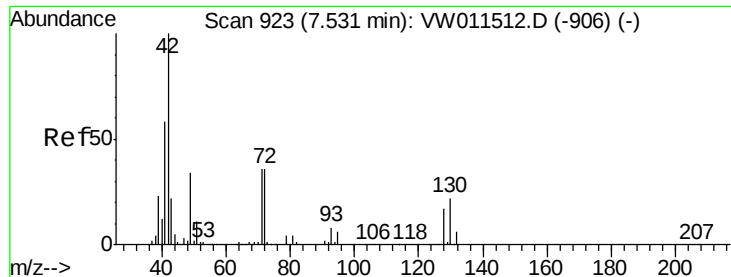
Abundance Ion 83.90 (83.60 to 84.60): VW

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

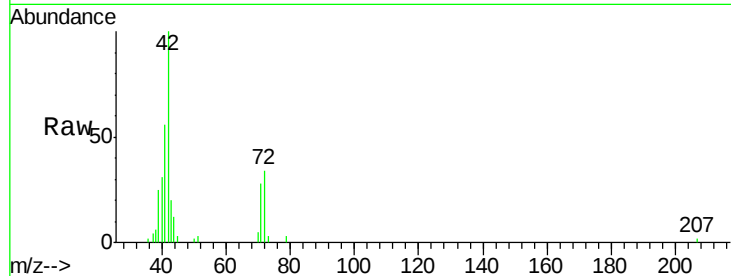




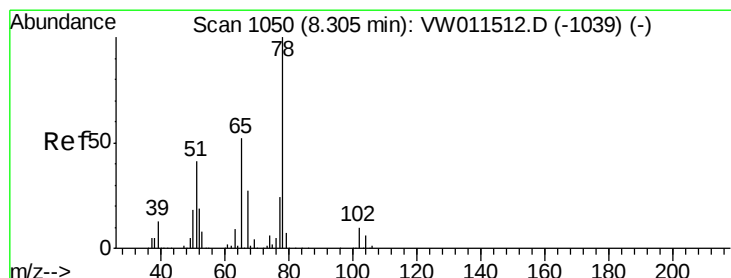
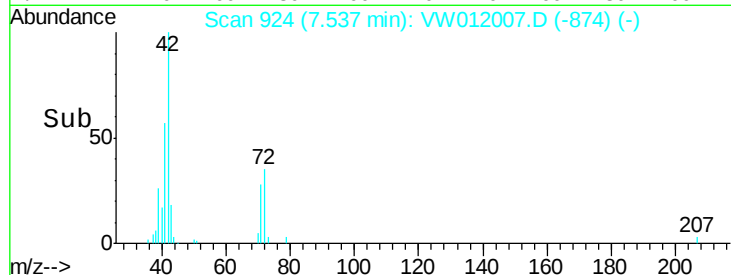
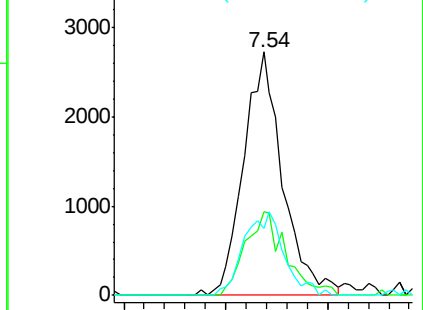
#29
Tetrahydrofuran
Concen: 8.780 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012007.D
Acq: 19 Aug 2019 23:03

Instrument :
MSVOA_W
ClientSampled :
T8-E3-(0)

Tot Ion: 42 Resp: 7275
Ion Ratio Lower Upper
42 100
72 35.6 27.1 40.7
71 35.1 26.2 39.4

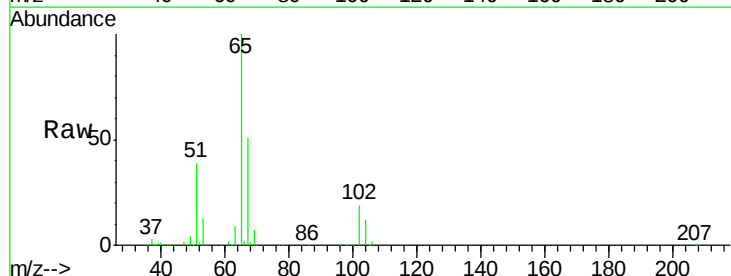


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

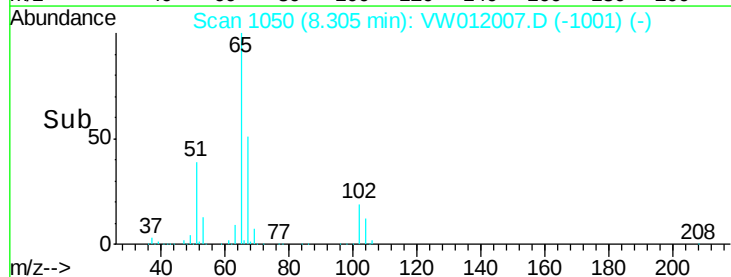
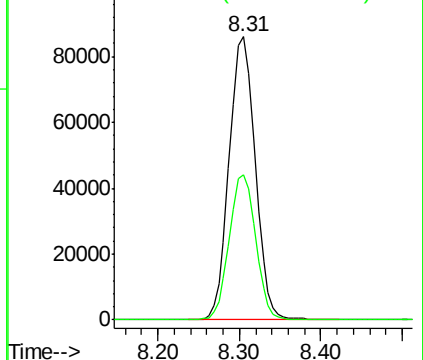


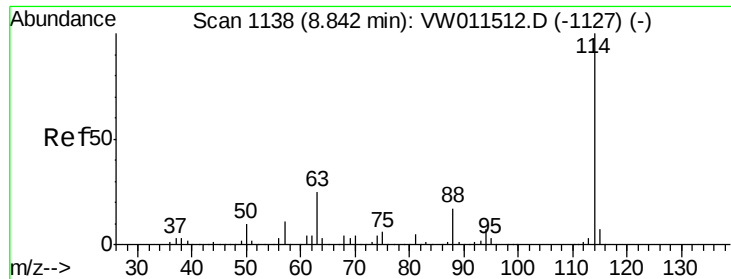
#33
1,2-Dichloroethane-d4
Concen: 54.552 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012007.D
Acq: 19 Aug 2019 23:03

Tgt Ion: 65 Resp: 189972
Ion Ratio Lower Upper
65 100
67 52.0 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: VW012007.D

Acq: 19 Aug 2019 23:03

Instrument :

MSVOA_W

ClientSampleId :

T8-E3-(0)

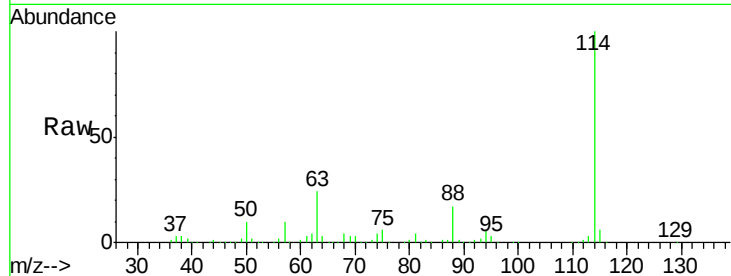
Tot Ion:114 Resp: 505742

Ion Ratio Lower Upper

114 100

63 23.8 0.0 49.2

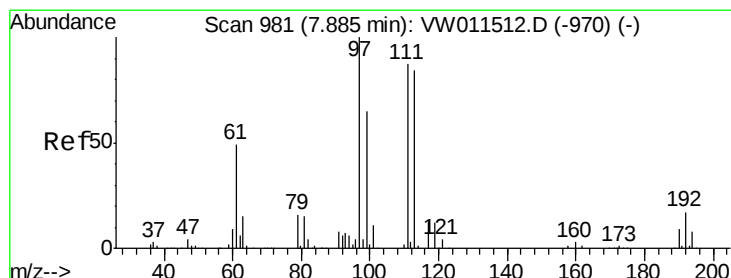
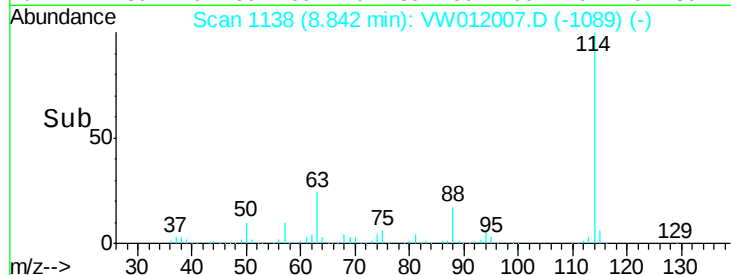
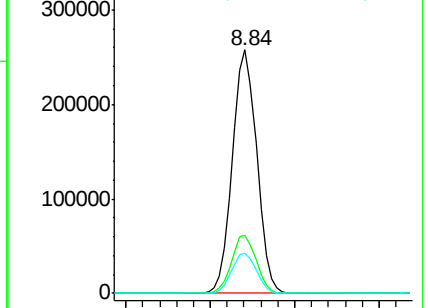
88 16.6 0.0 33.8



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: 53.752 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012007.D

Acq: 19 Aug 2019 23:03

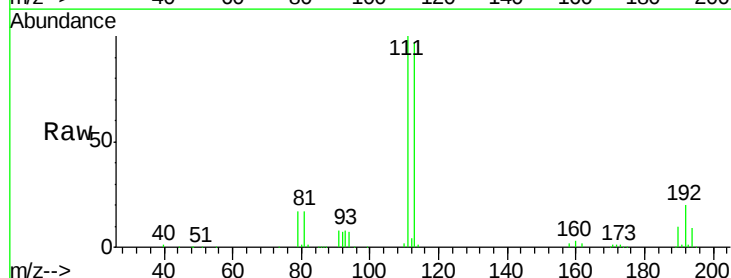
Tgt Ion:113 Resp: 152510

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

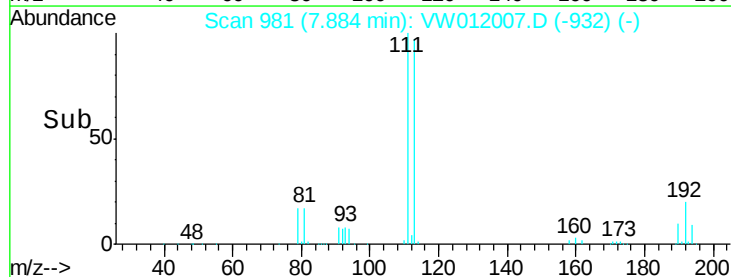
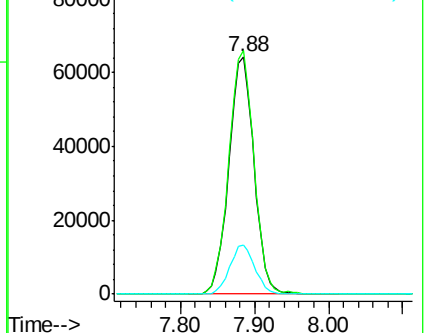
192 20.4 16.1 24.1

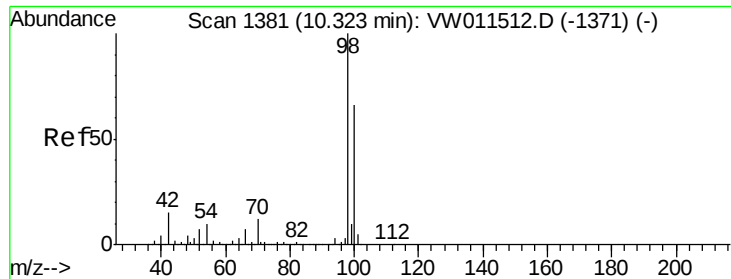


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.000 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012007.D

Acq: 19 Aug 2019 23:03

Instrument :

MSVOA_W

ClientSampleId :

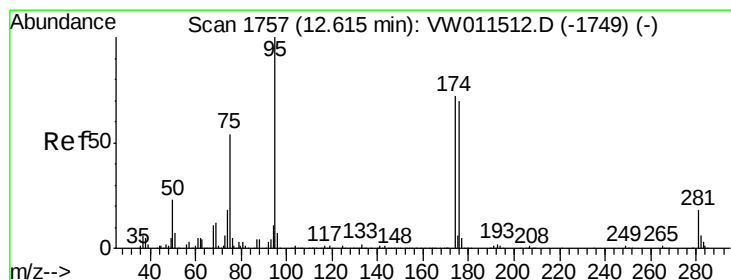
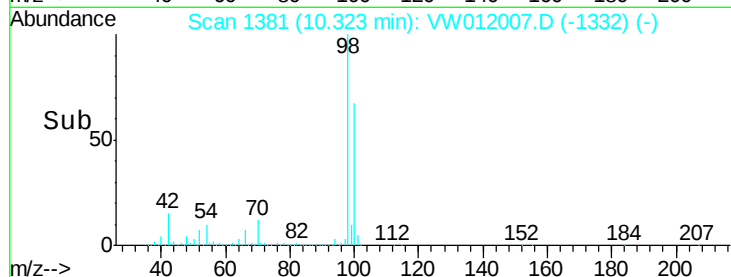
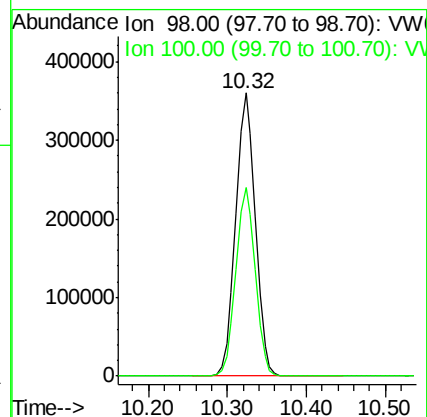
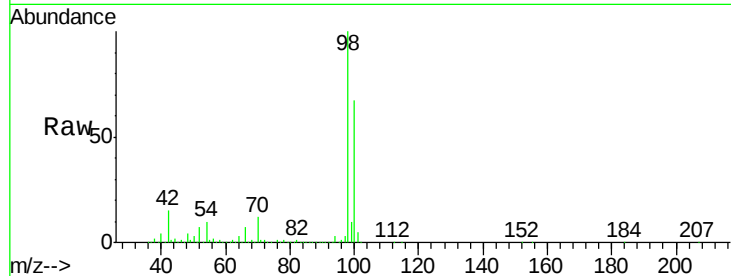
T8-E3-(0)

Tot Ion: 98 Resp: 627301

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 49.488 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012007.D

Acq: 19 Aug 2019 23:03

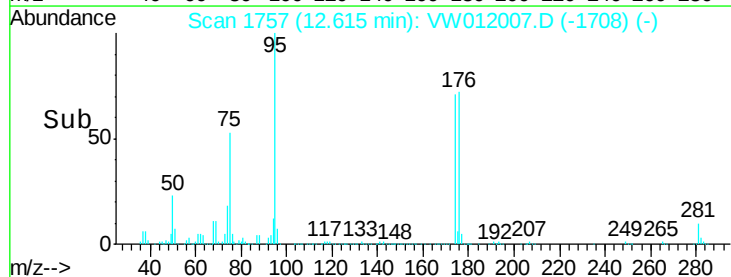
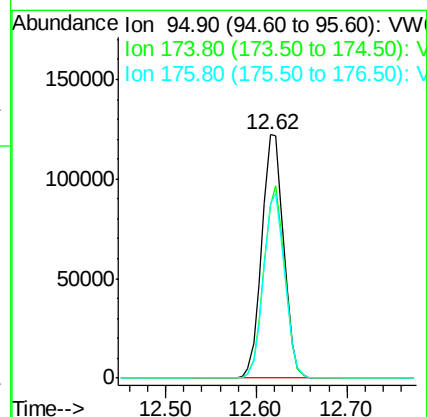
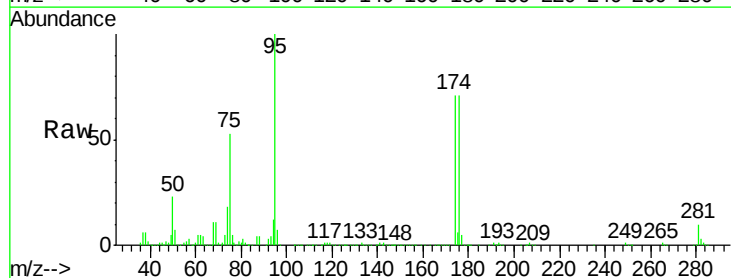
Tgt Ion: 95 Resp: 204958

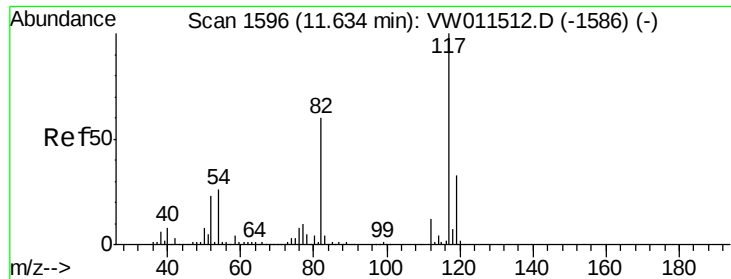
Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.2

176 73.3 0.0 144.4

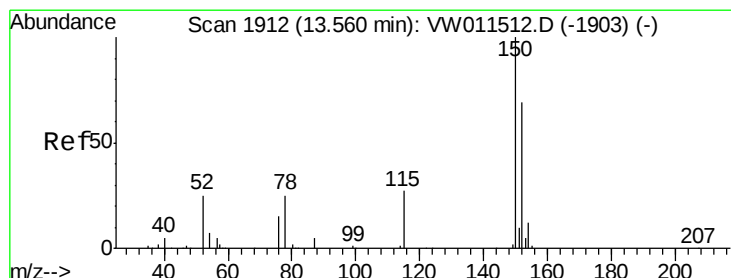
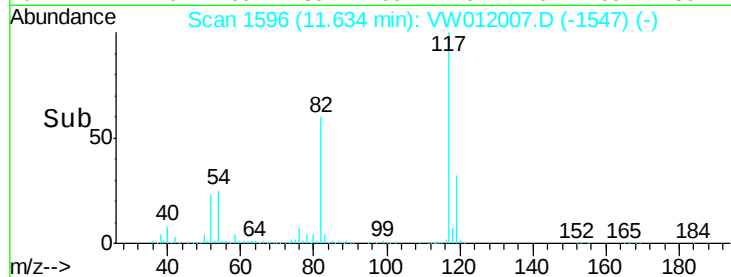
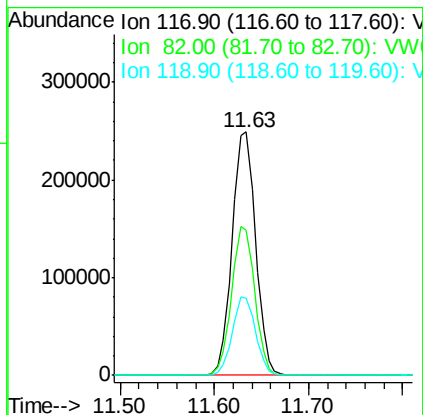
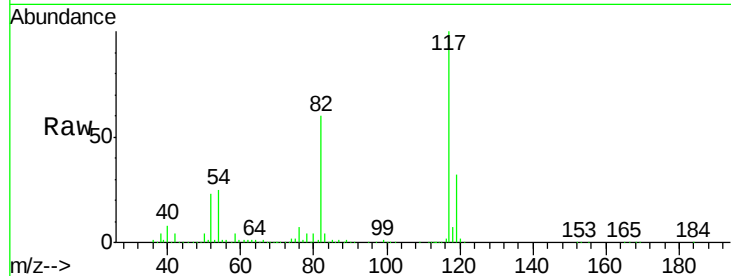




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012007.D
Acq: 19 Aug 2019 23:03

Instrument :
MSVOA_W
ClientSampleId :
T8-E3-(0)

Tot Ion:117 Resp: 431818
Ion Ratio Lower Upper
117 100
82 59.5 47.9 71.9
119 31.8 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: VW012007.D
Acq: 19 Aug 2019 23:03

Tgt Ion:152 Resp: 164184
Ion Ratio Lower Upper
152 100
115 60.4 30.5 91.5
150 157.6 0.0 352.6

