

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011993.D
 Acq On : 19 Aug 2019 15:58
 Operator : SY/VA
 Sample : K4391-04
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BOTTOM-1

Quant Time: Aug 19 16:38:05 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

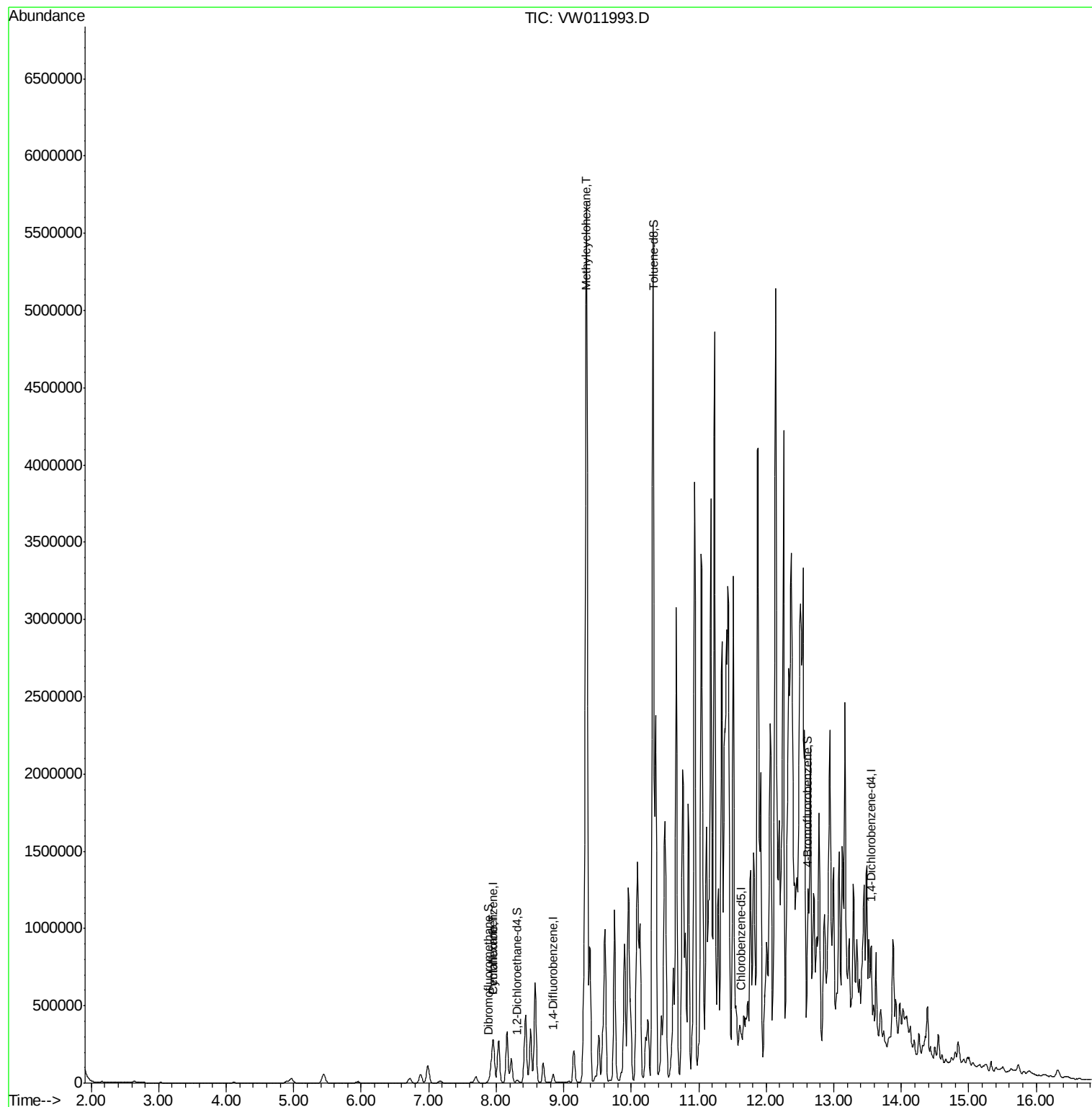
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	24304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	35169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	29207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	13607	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
35) Dibromofluoromethane	7.88	113	10771	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
50) Toluene-d8	10.32	98	290607	359.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	719.48%	
62) 4-Bromofluorobenzene	12.61	95	69888	242.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	485.32%	
Target Compounds						
31) Cyclohexane	7.96	56	154753	296.572	ug/l	98
39) Methylcyclohexane	9.34	83	2078722	5162.321	ug/l	98

(#) = 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# 992

Delta R.T. 0.01 min

Lab File: VW011993.D

Acq: 19 Aug 2019 15:58

Instrument :

MSVOA_W

ClientSampled :

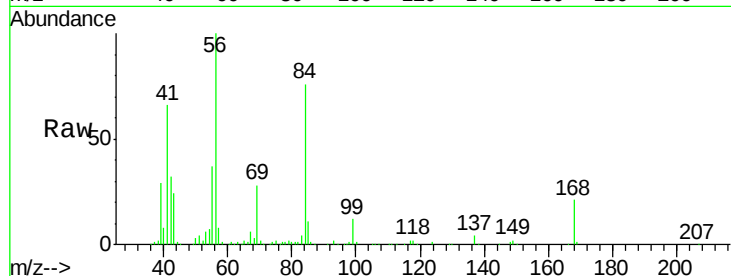
BOTTOM-1

Tot Ion:168 Resp: 24304

Ion Ratio Lower Upper

168 100

99 57.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

12000

10000

8000

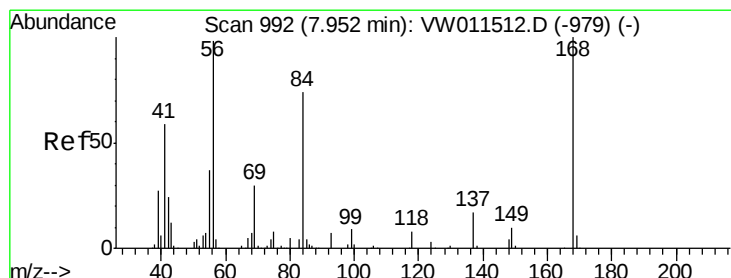
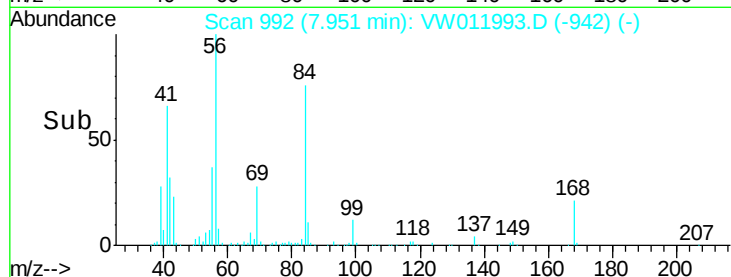
6000

4000

2000

0

Time-->



#31

Cyclohexane

Concen: 296.572 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW011993.D

Acq: 19 Aug 2019 15:58

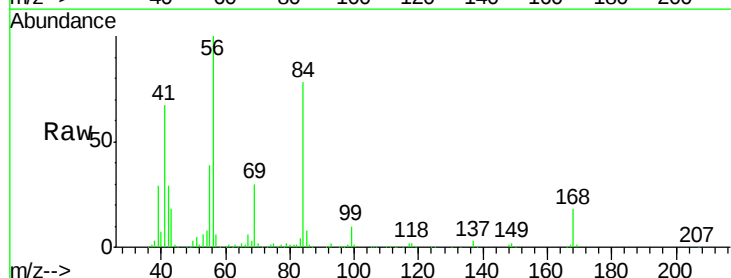
Tgt Ion: 56 Resp: 154753

Ion Ratio Lower Upper

56 100

69 30.0 24.3 36.5

84 77.9 60.4 90.6



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

80000

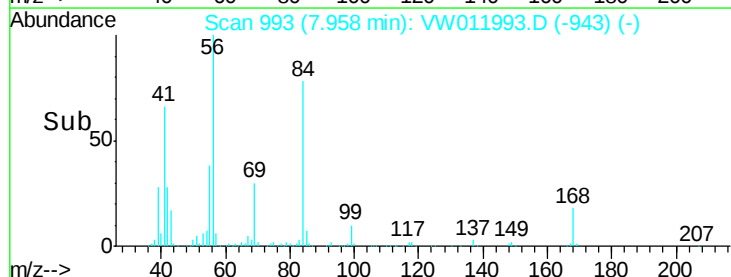
60000

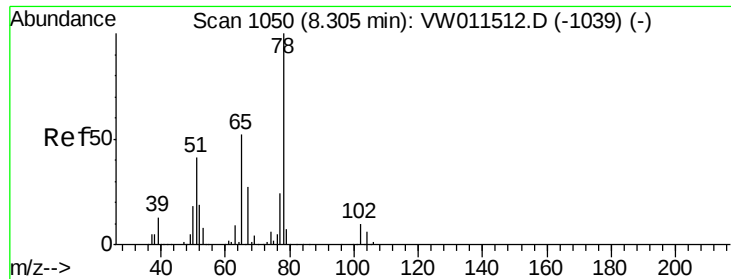
40000

20000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.757 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011993.D

Acq: 19 Aug 2019 15:58

Instrument :

MSVOA_W

ClientSampleId :

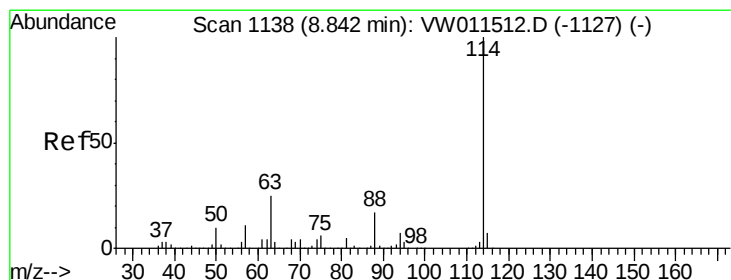
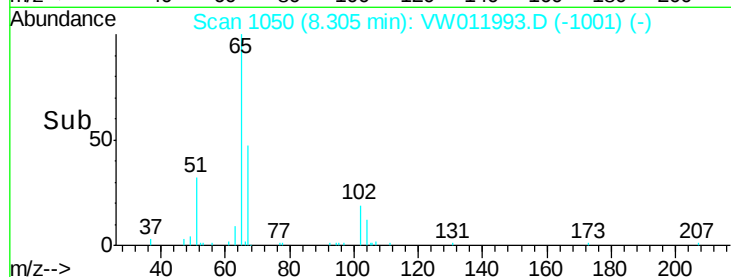
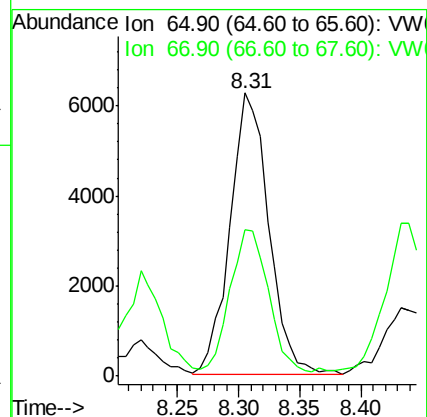
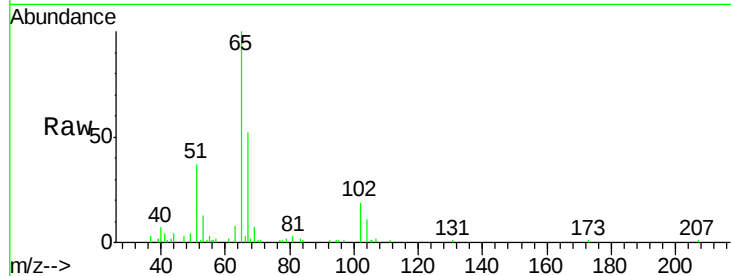
BOTTOM-1

Tot Ion: 65 Resp: 13607

Ion Ratio Lower Upper

65 100

67 49.9 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011993.D

Acq: 19 Aug 2019 15:58

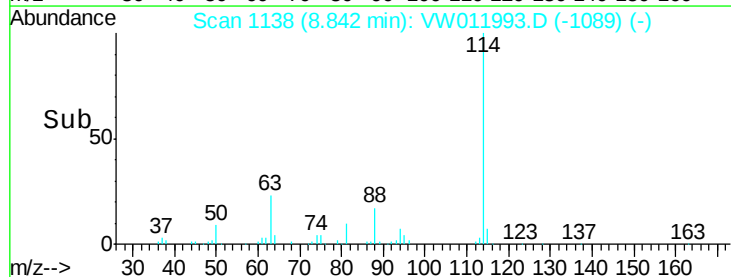
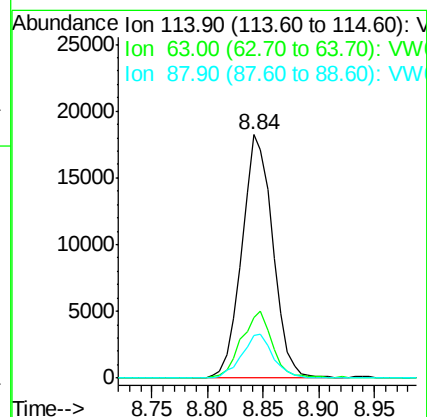
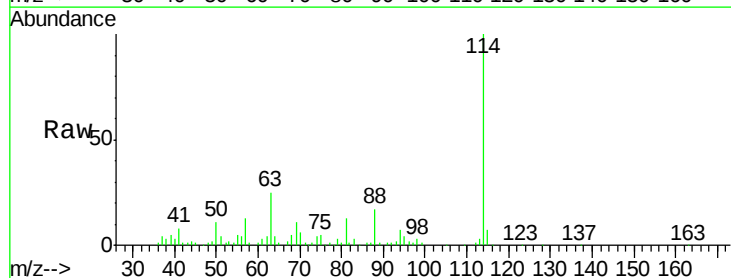
Tgt Ion: 114 Resp: 35169

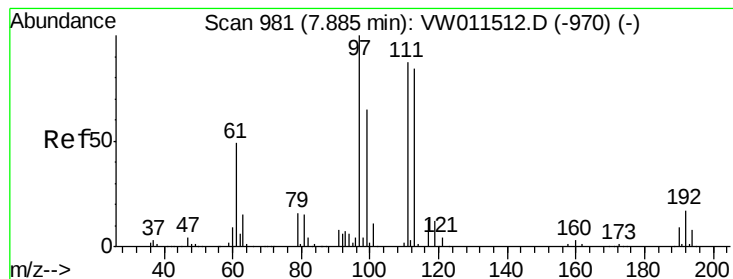
Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.591 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011993.D

Acq: 19 Aug 2019 15:58

Instrument :

MSVOA_W

ClientSampleId :

BOTTOM-1

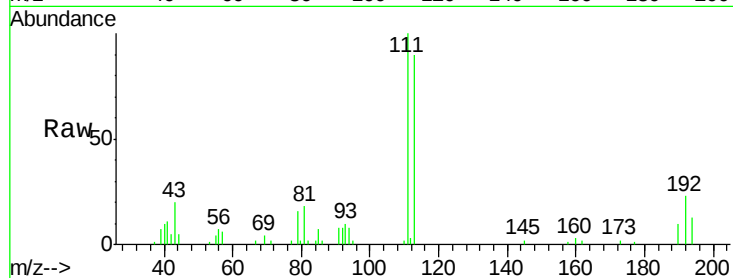
Tot Ion:113 Resp: 10771

Ion Ratio Lower Upper

113 100

111 107.5 82.7 124.1

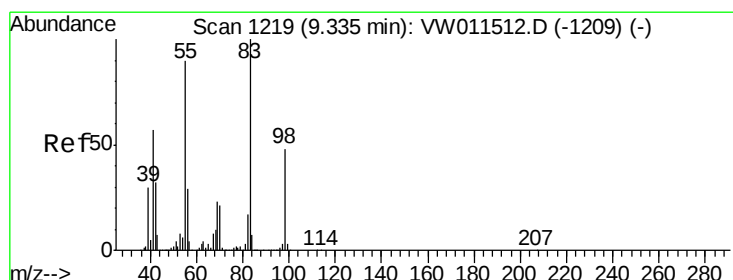
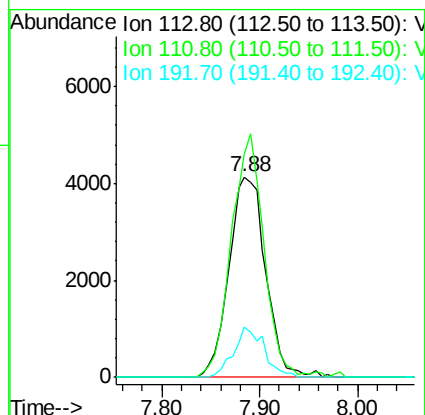
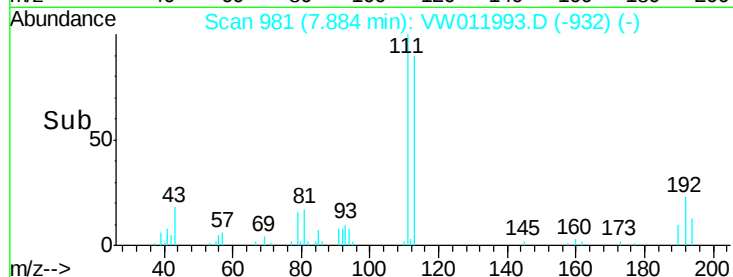
192 21.0 16.1 24.1



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



#39

Methylcyclohexane

Concen: 5162.321 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW011993.D

Acq: 19 Aug 2019 15:58

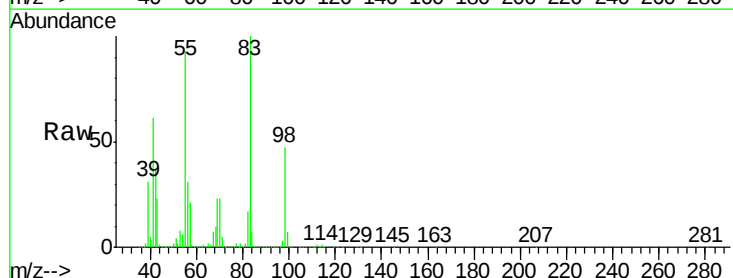
Tgt Ion: 83 Resp: 2078722

Ion Ratio Lower Upper

83 100

55 92.5 72.1 108.1

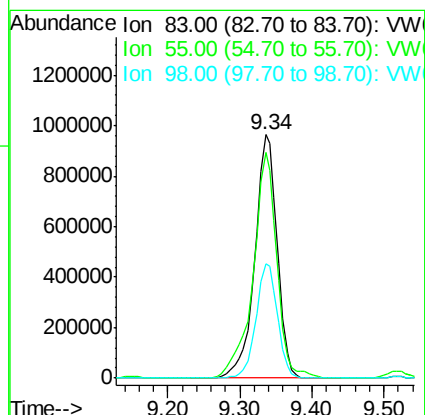
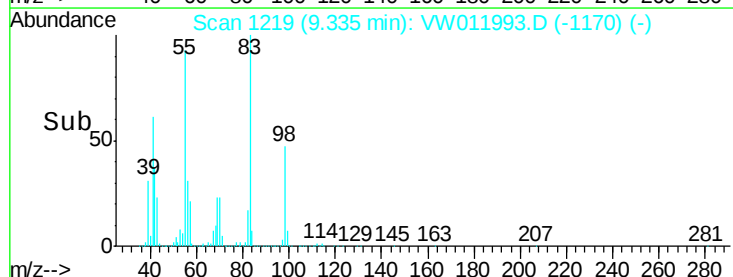
98 47.1 38.6 57.8

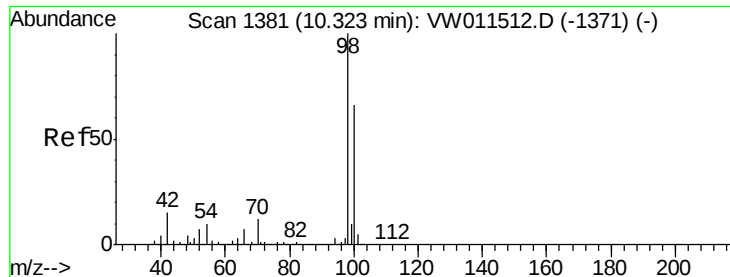


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

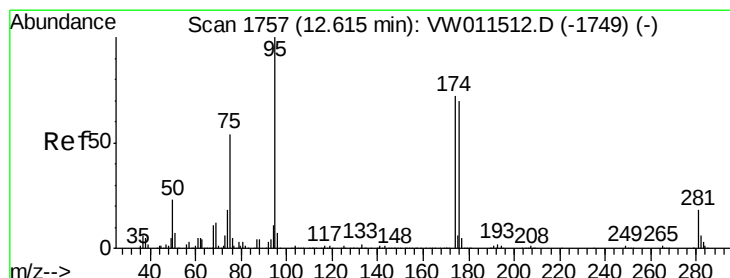
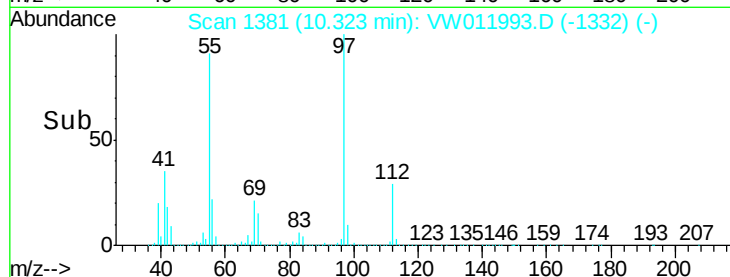
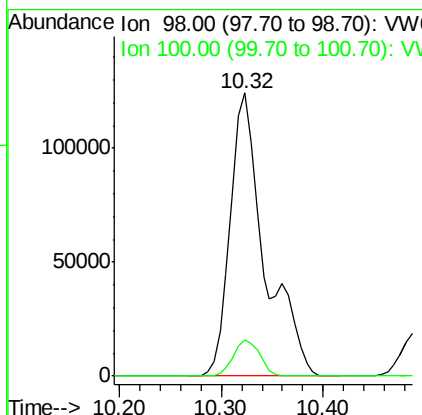
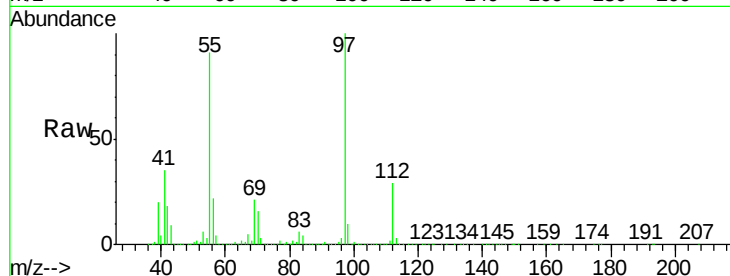




#50
Toluene-d8
Concen: 359.741 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011993.D
Acq: 19 Aug 2019 15:58

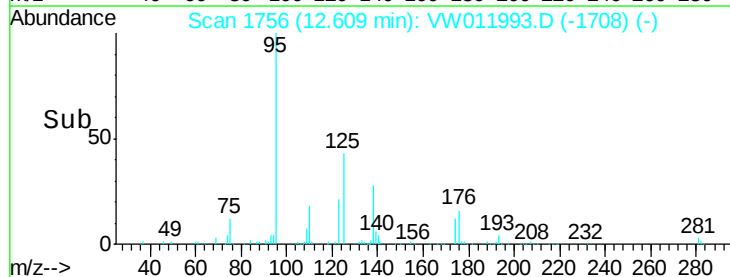
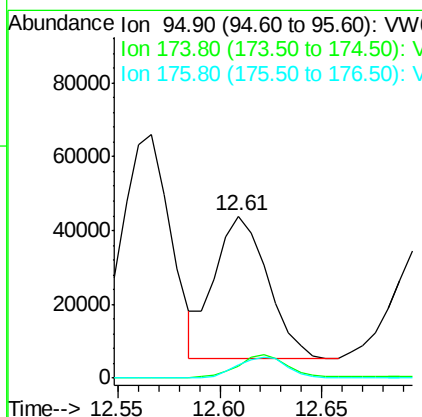
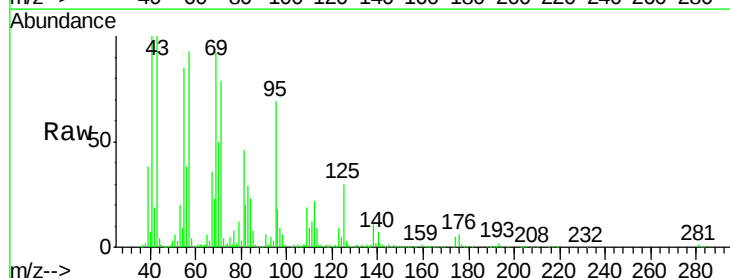
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-1

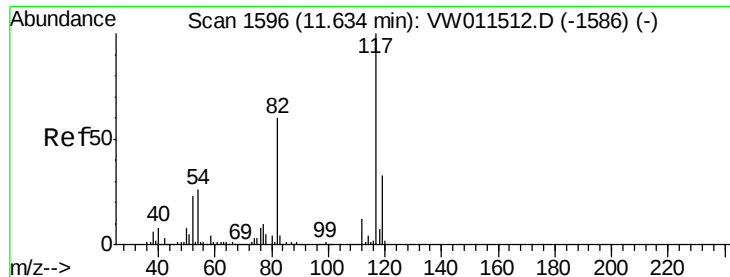
Tot Ion: 98 Resp: 290607
Ion Ratio Lower Upper
98 100
100 9.9 52.7 79.1#



#62
4-Bromofluorobenzene
Concen: 242.663 ug/l
RT: 12.61 min Scan# 1756
Delta R.T. -0.01 min
Lab File: VW011993.D
Acq: 19 Aug 2019 15:58

Tgt Ion: 95 Resp: 69888
Ion Ratio Lower Upper
95 100
174 15.0 0.0 150.2
176 14.3 0.0 144.4

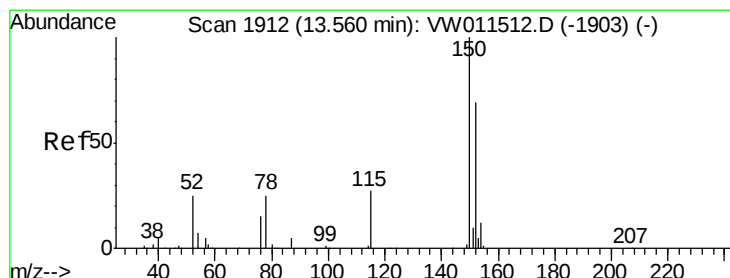
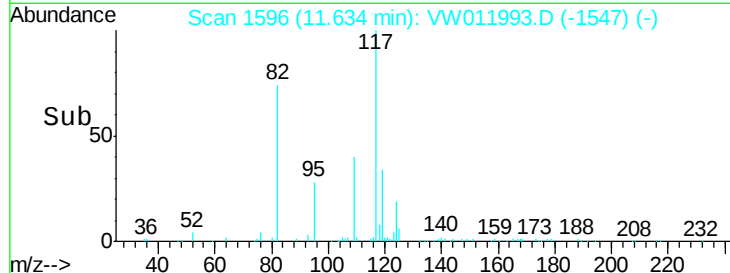
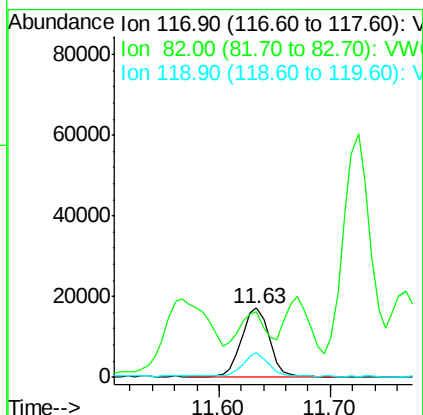
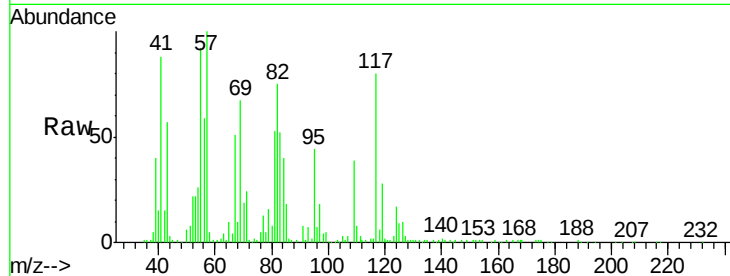




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011993.D
Acq: 19 Aug 2019 15:58

Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-1

Tot Ion:117 Resp: 29207
Ion Ratio Lower Upper
117 100
82 0.0 47.9 71.9#
119 33.8 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: VW011993.D
Acq: 19 Aug 2019 15:58

Tgt Ion:152 Resp: 18856
Ion Ratio Lower Upper
152 100
115 32.9 30.5 91.5
150 83.0 0.0 352.6

