

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012139.D
 Acq On : 23 Aug 2019 18:07
 Operator : SY/VA
 Sample : K4474-01
 Misc : 3.43G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F1-(0)

Quant Time: Aug 26 07:48:39 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

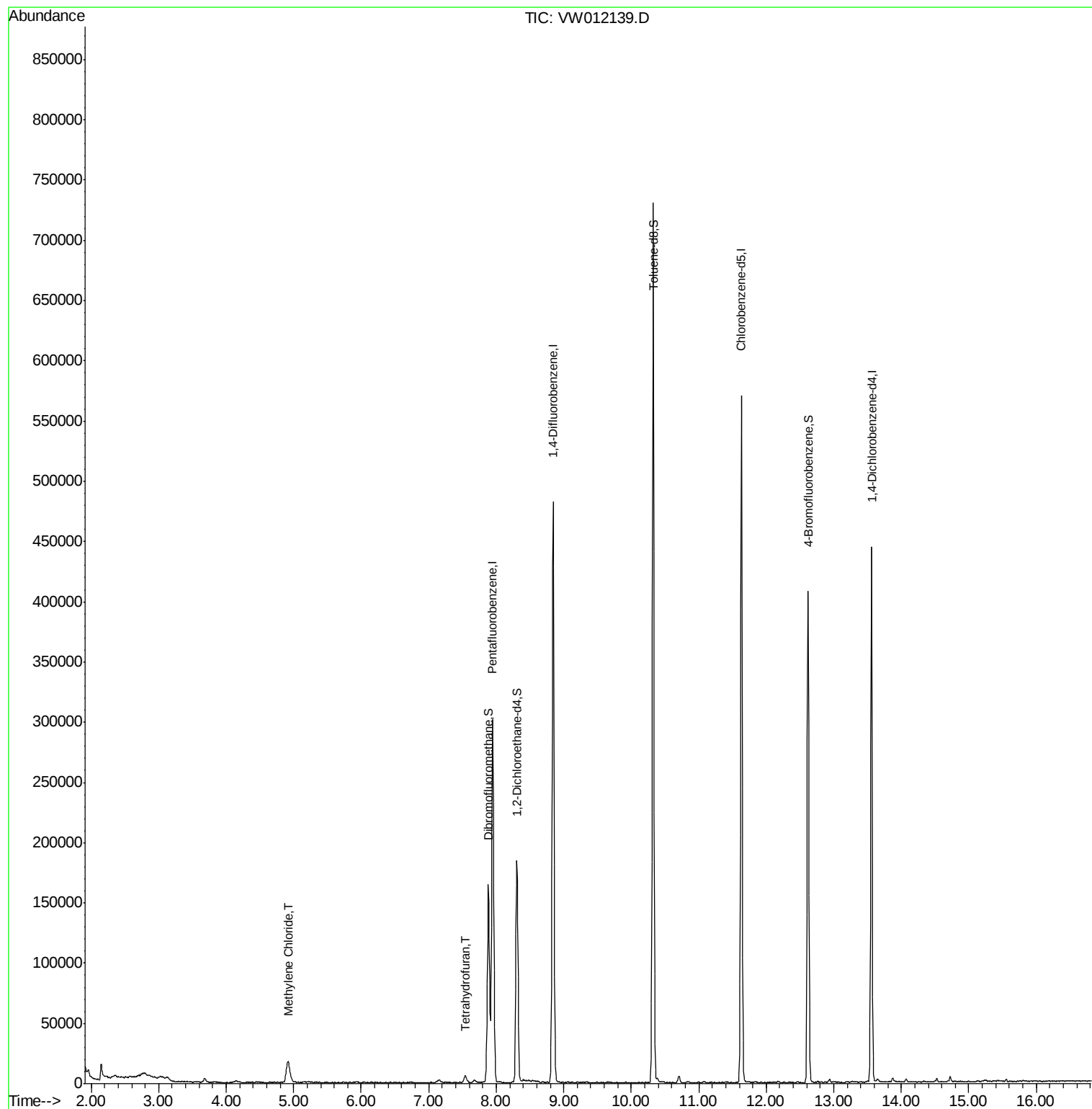
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144819	55.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.42%	
35) Dibromofluoromethane	7.88	113	115203	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
50) Toluene-d8	10.32	98	450644	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.62	95	134574	42.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.94%	
Target Compounds						
20) Methylene Chloride	4.92	84	14225	5.612	ug/l	93
29) Tetrahydrofuran	7.54	42	5442	9.956	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012139.D

Acq: 23 Aug 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

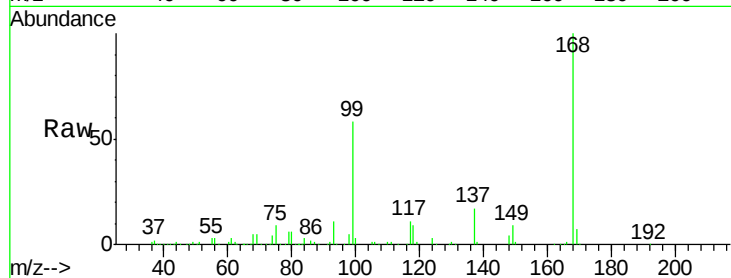
T1-2-F1-(0)

Tot Ion:168 Resp: 220646

Ion Ratio Lower Upper

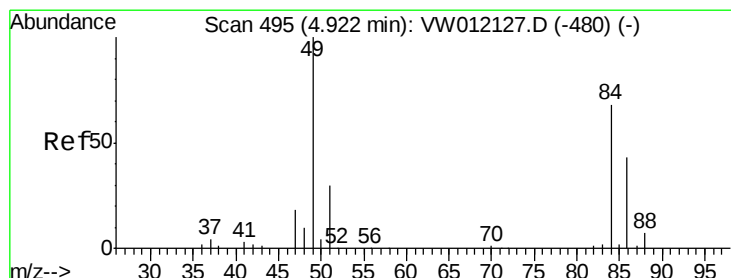
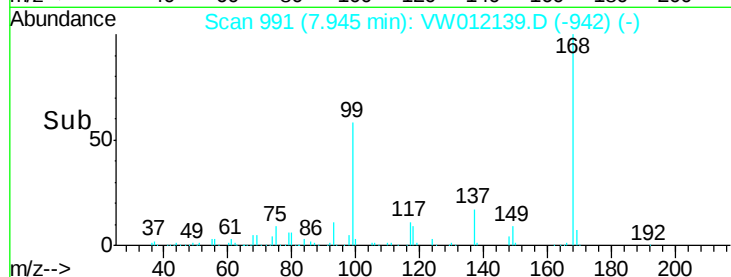
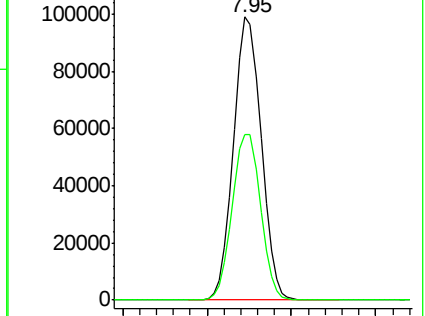
168 100

99 58.4 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 5.612 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW012139.D

Acq: 23 Aug 2019 18:07

Tgt Ion: 84 Resp: 14225

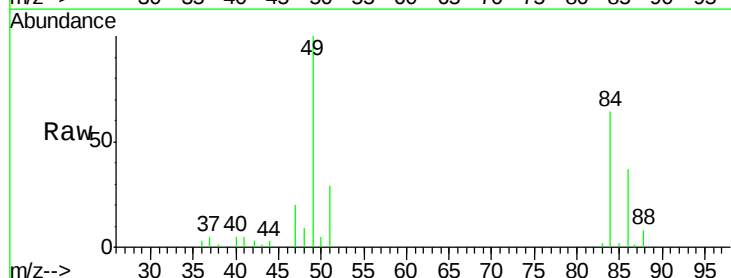
Ion Ratio Lower Upper

84 100

49 156.8 117.8 176.8

51 46.0 35.6 53.4

86 57.6 51.2 76.8

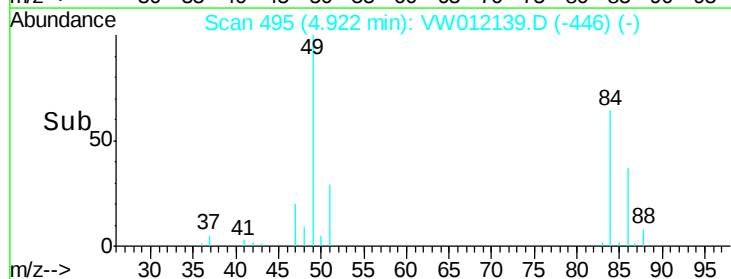
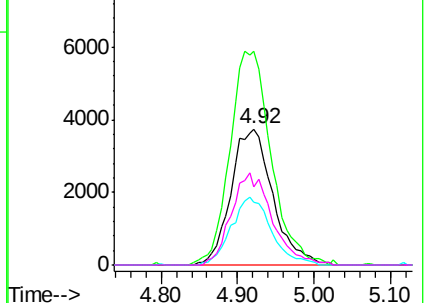


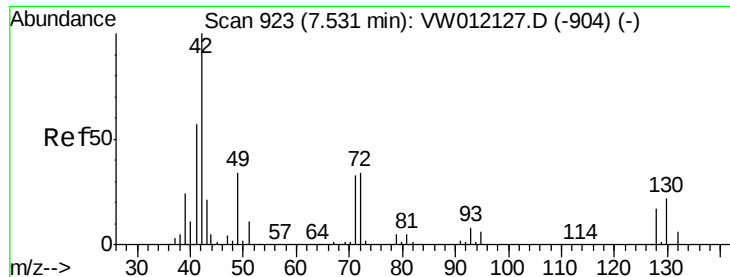
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#29

Tetrahydrofuran

Concen: 9.956 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012139.D

Acq: 23 Aug 2019 18:07

Instrument :

MSVOA_W

ClientSampled :

T1-2-F1-(0)

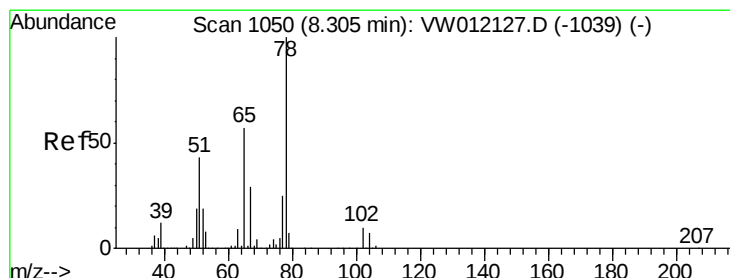
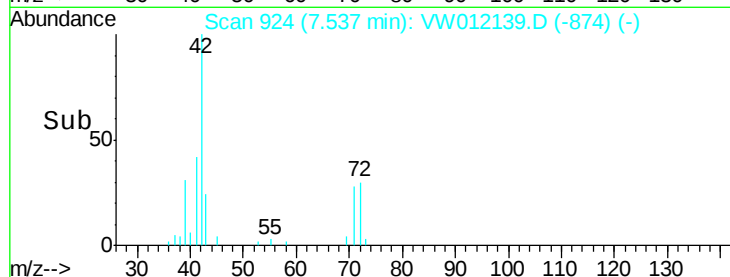
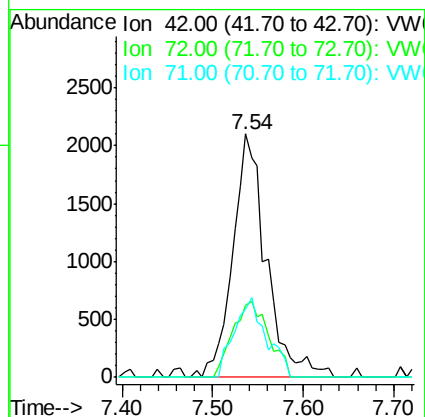
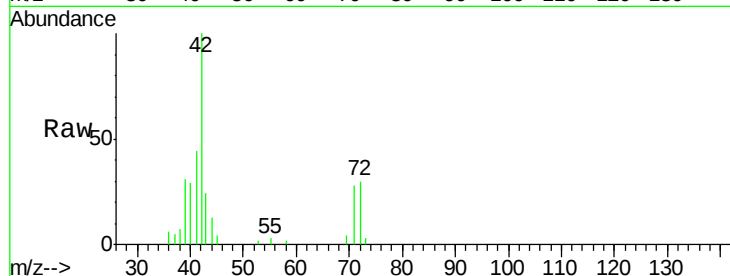
Tot Ion: 42 Resp: 5442

Ion Ratio Lower Upper

42 100

72 33.1 27.3 40.9

71 31.1 25.5 38.3



#33

1,2-Dichloroethane-d4

Concen: 55.212 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012139.D

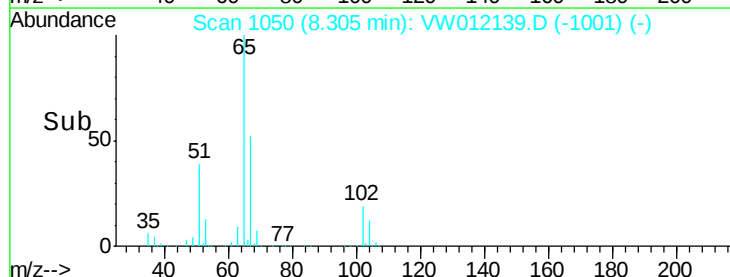
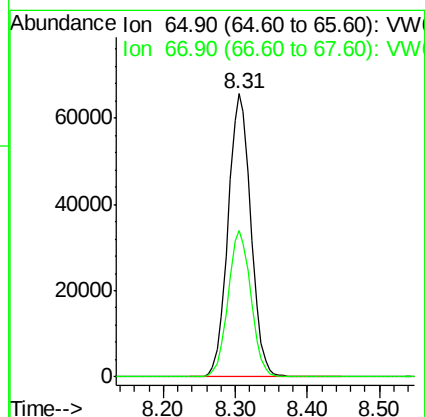
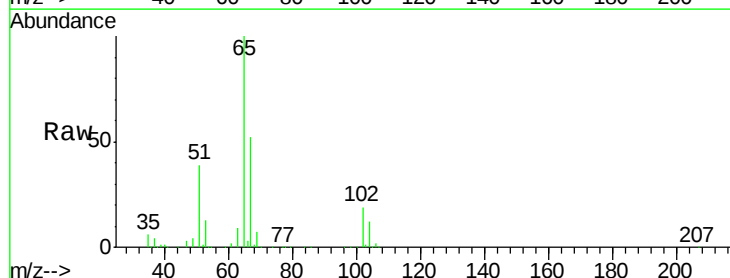
Acq: 23 Aug 2019 18:07

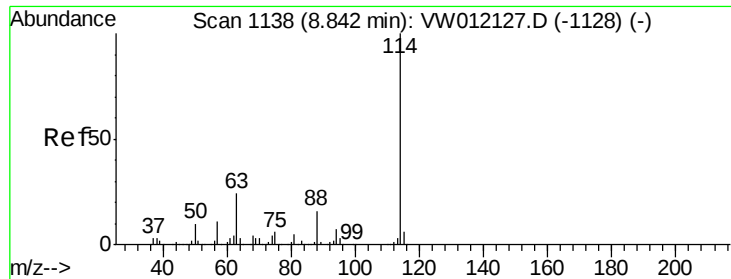
Tgt Ion: 65 Resp: 144819

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6

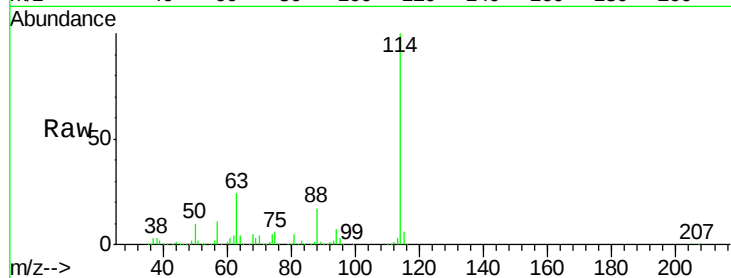




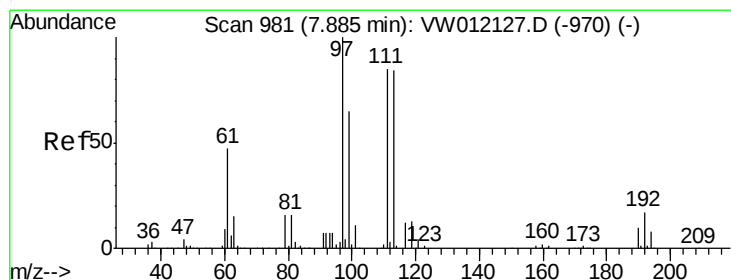
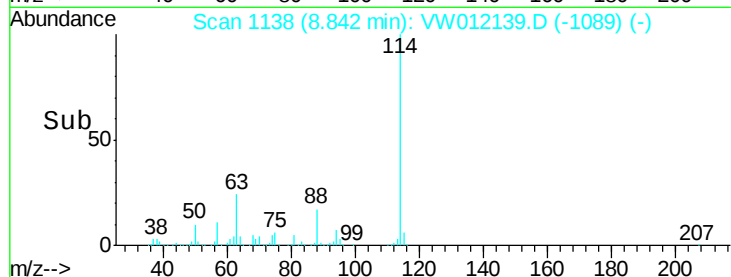
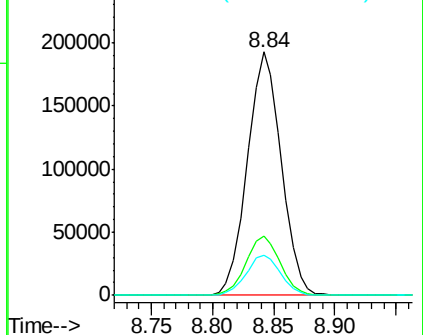
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012139.D
 Acq: 23 Aug 2019 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F1-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	48.6
88	16.5	0.0	32.2

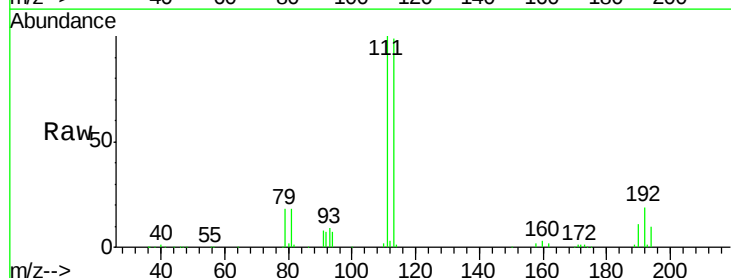


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

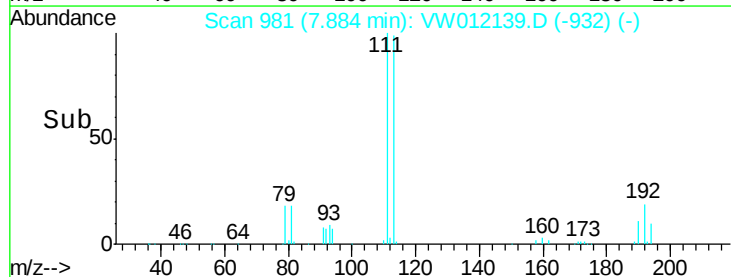
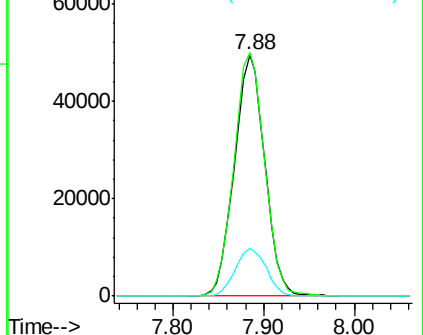


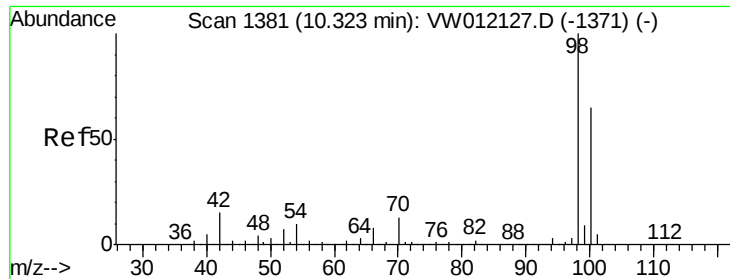
#35
 Dibromofluoromethane
 Concen: 51.965 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012139.D
 Acq: 23 Aug 2019 18:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.7	124.1
192	20.1	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: 50.133 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012139.D

Acq: 23 Aug 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

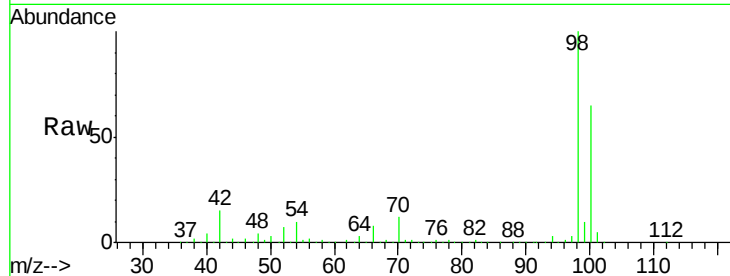
T1-2-F1-(0)

Tot Ion: 98 Resp: 450644

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

150000

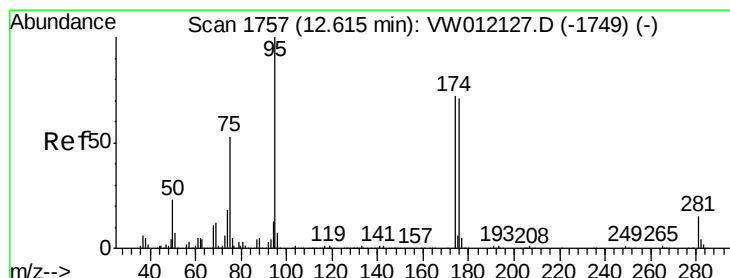
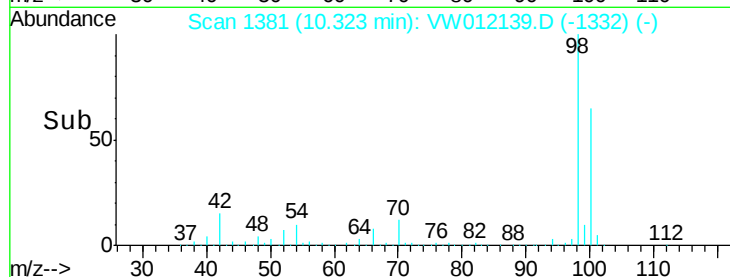
100000

50000

0

Time-->

10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 42.471 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012139.D

Acq: 23 Aug 2019 18:07

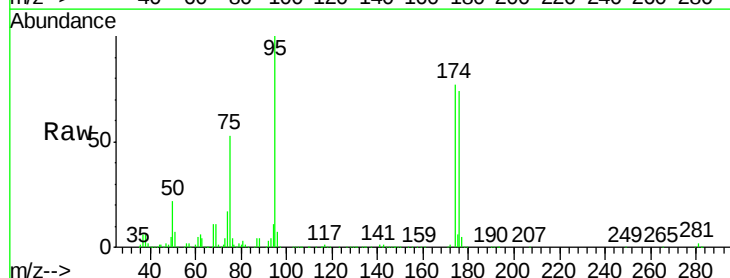
Tgt Ion: 95 Resp: 134574

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.8

176 72.9 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

100000

80000

60000

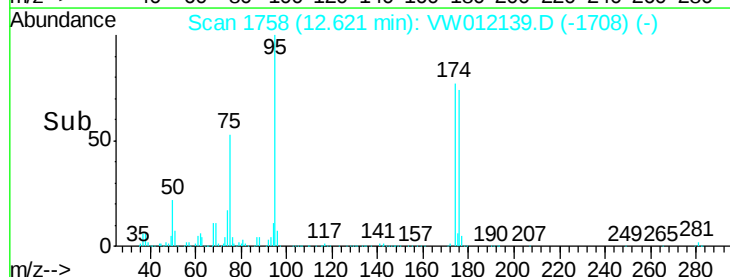
40000

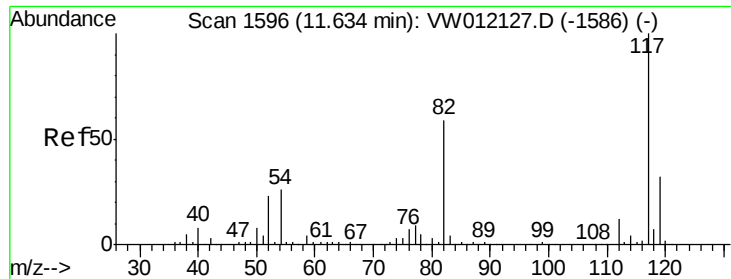
20000

0

Time-->

12.60 12.70

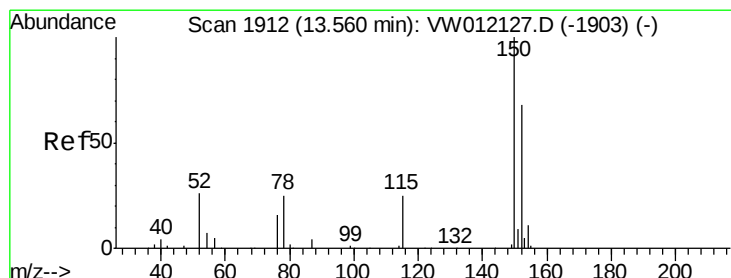
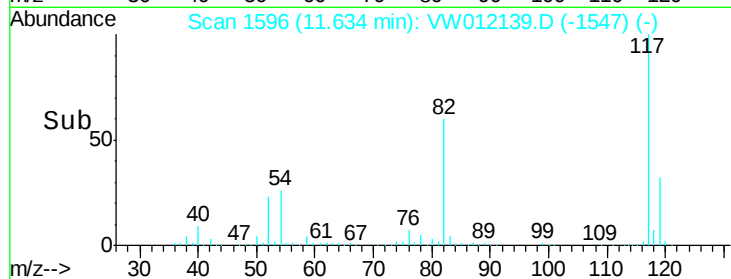
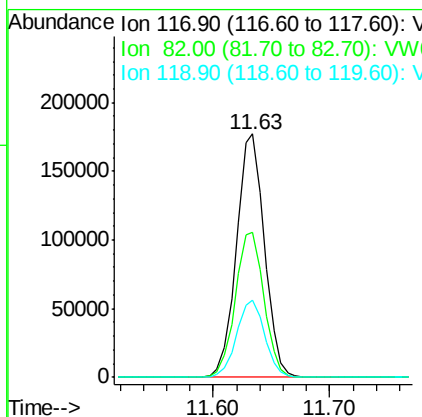
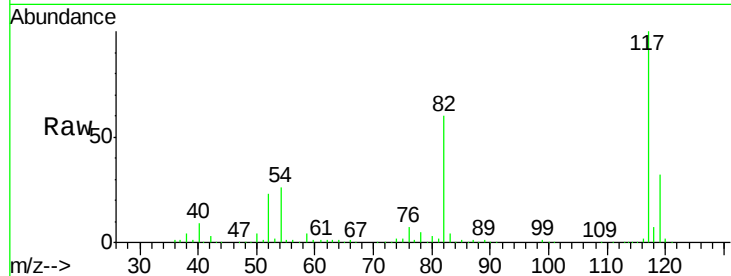




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012139.D
Acq: 23 Aug 2019 18:07

Instrument :
MSVOA_W
ClientSampleId :
T1-2-F1-(0)

Tot Ion:117 Resp: 296735
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012139.D
Acq: 23 Aug 2019 18:07

Tgt Ion:152 Resp: 107688
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.3
150 157.6 0.0 345.8

