

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012188.D
 Acq On : 26 Aug 2019 22:58
 Operator : SY/VA
 Sample : K4472-04
 Misc : 6.30G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S2-(2.5)

Quant Time: Aug 27 06:33:23 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

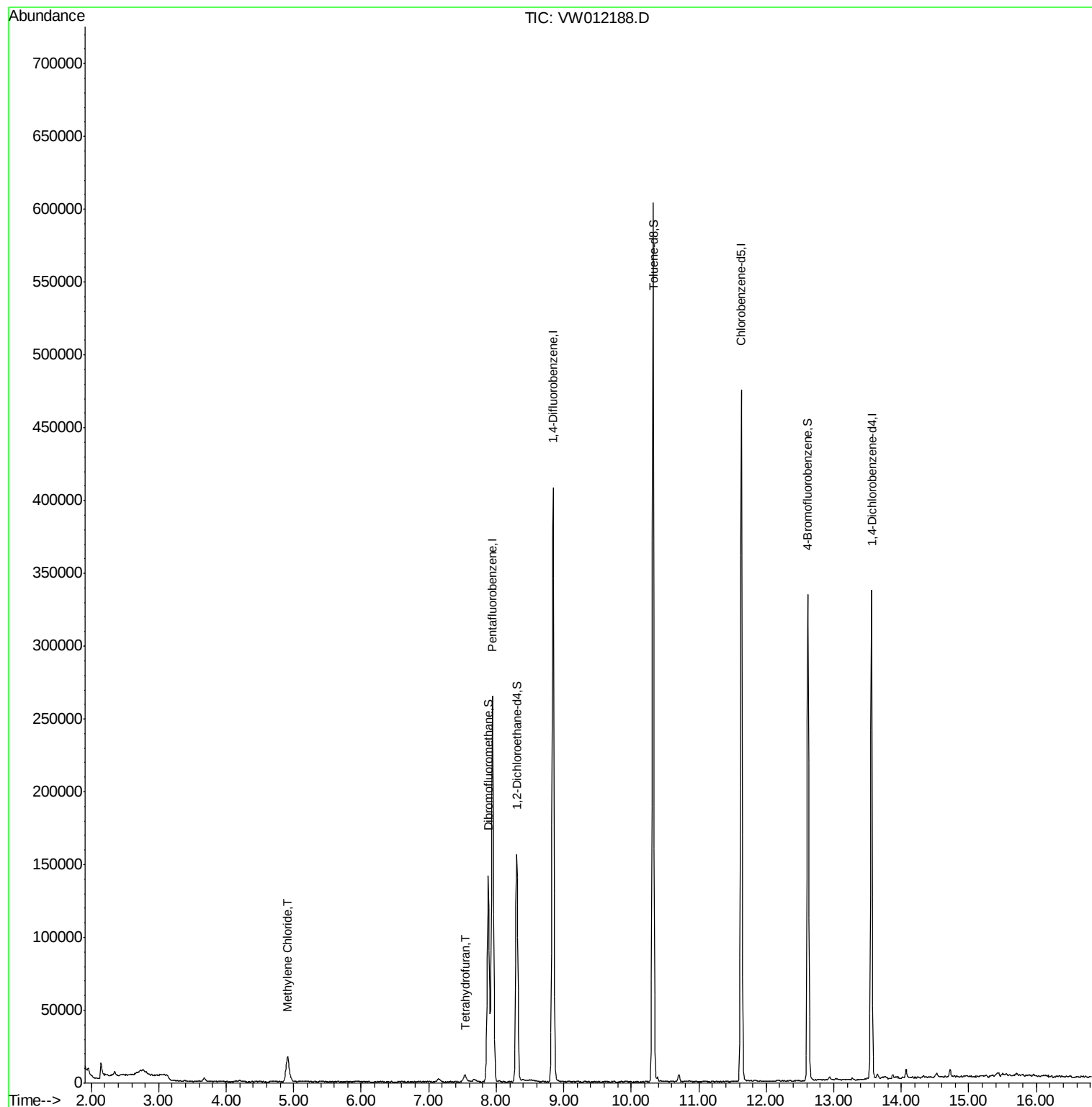
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126786	56.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.42%	
35) Dibromofluoromethane	7.88	113	99130	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
50) Toluene-d8	10.32	98	377417	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.62	95	107878	40.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.64%	
Target Compounds						
20) Methylene Chloride	4.91	84	13108	6.068	ug/l	94
29) Tetrahydrofuran	7.54	42	4495	9.648	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# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

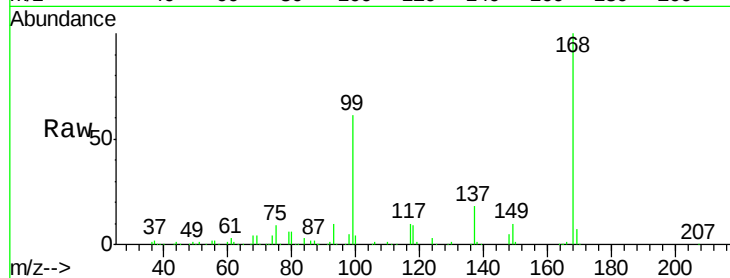
T1-S2-(2.5)

Tot Ion:168 Resp: 188061

Ion Ratio Lower Upper

168 100

99 60.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

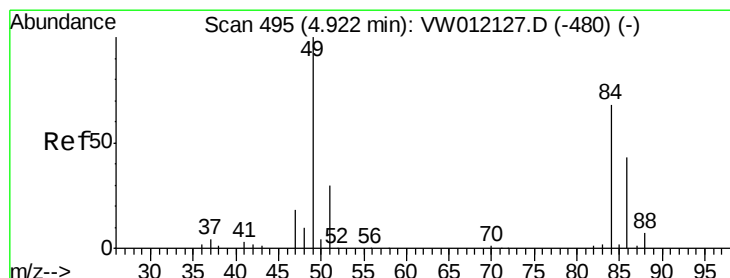
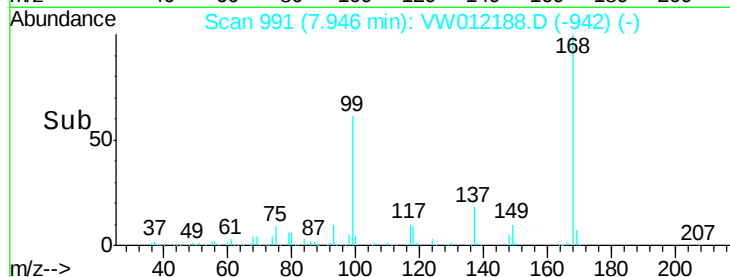
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.068 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012188.D

Acq: 26 Aug 2019 22:58

Tgt Ion: 84 Resp: 13108

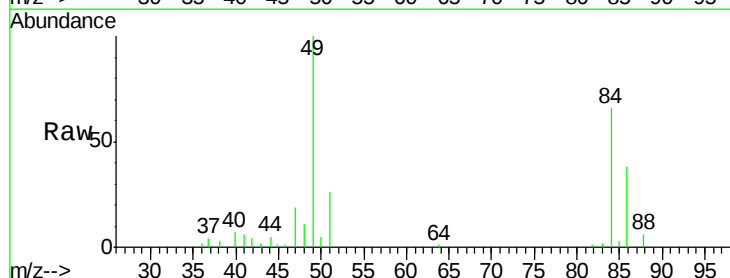
Ion Ratio Lower Upper

84 100

49 152.7 117.8 176.8

51 39.9 35.6 53.4

86 57.3 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

4.91

8000

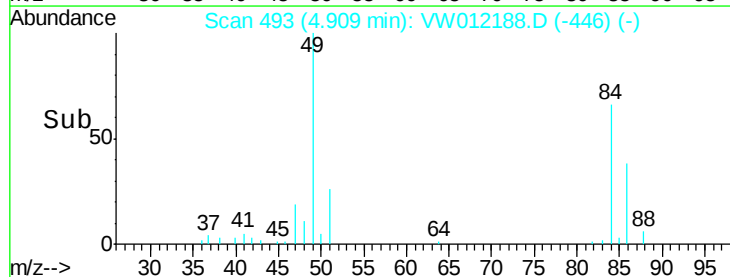
6000

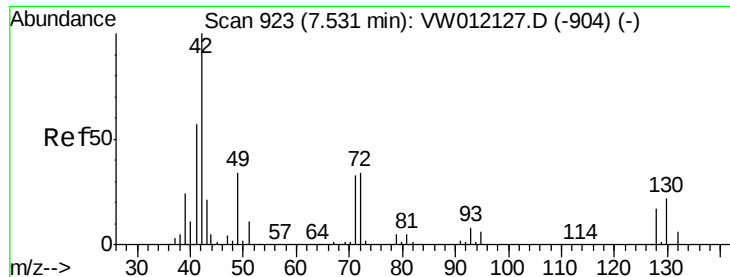
4000

2000

0

Time--> 4.80 4.90 5.00





#29

Tetrahydrofuran

Concen: 9.648 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012188.D

Acq: 26 Aug 2019 22:58

Instrument :

MSVOA_W

ClientSampleId :

T1-S2-(2.5)

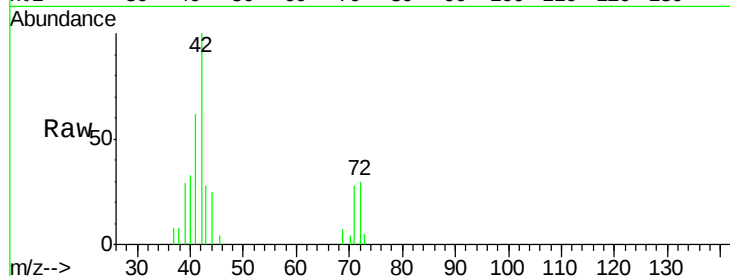
Tot Ion: 42 Resp: 4495

Ion Ratio Lower Upper

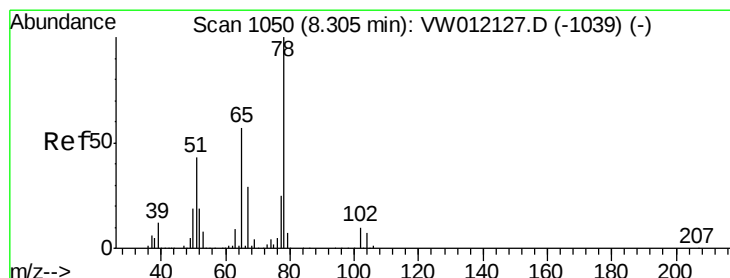
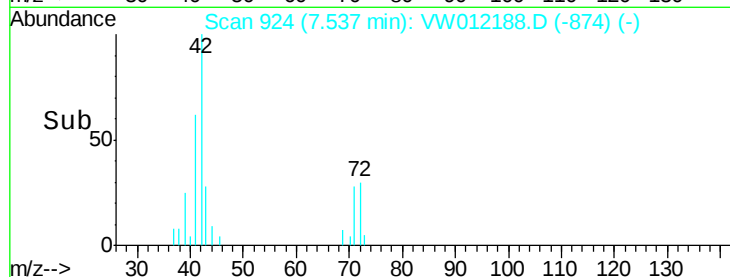
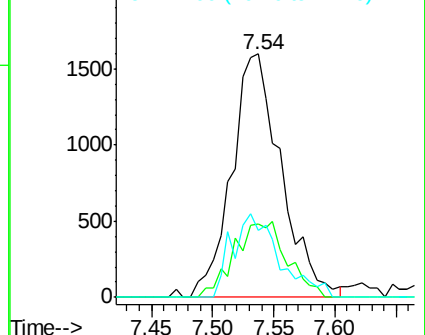
42 100

72 33.2 27.3 40.9

71 33.0 25.5 38.3



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: 56.713 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012188.D

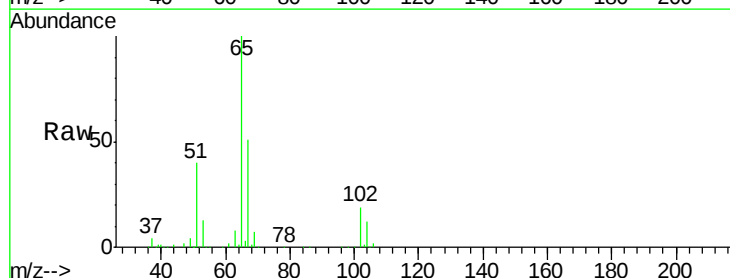
Acq: 26 Aug 2019 22:58

Tgt Ion: 65 Resp: 126786

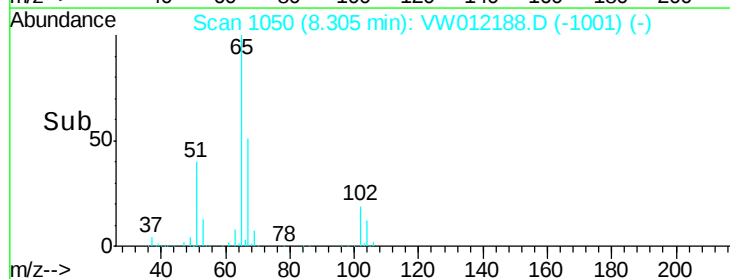
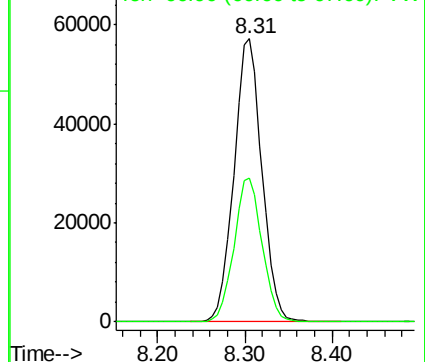
Ion Ratio Lower Upper

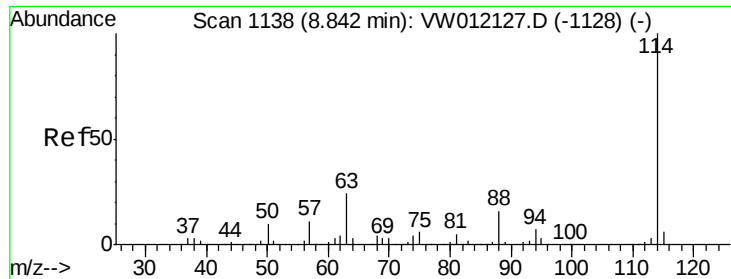
65 100

67 51.2 0.0 102.6



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

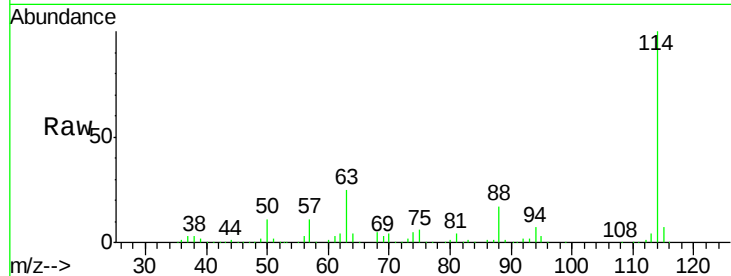




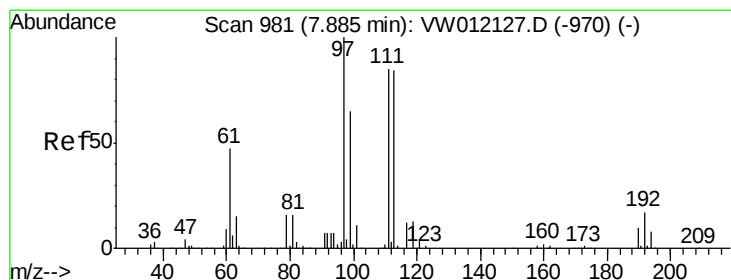
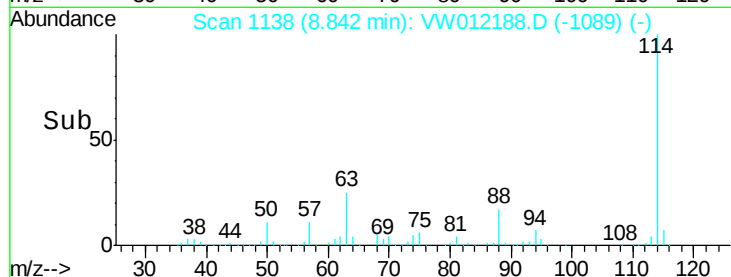
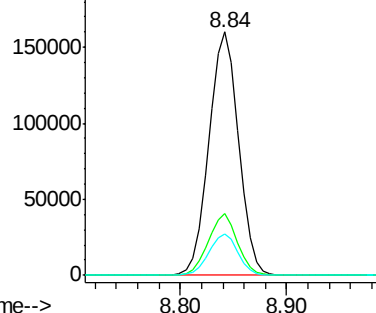
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012188.D
Acq: 26 Aug 2019 22:58

Instrument :
MSVOA_W
ClientSampleId :
T1-S2-(2.5)

Tot Ion:114 Resp: 313575
Ion Ratio Lower Upper
114 100
63 25.4 0.0 48.6
88 17.0 0.0 32.2

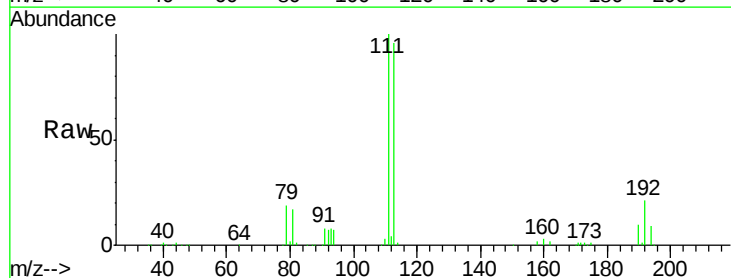


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

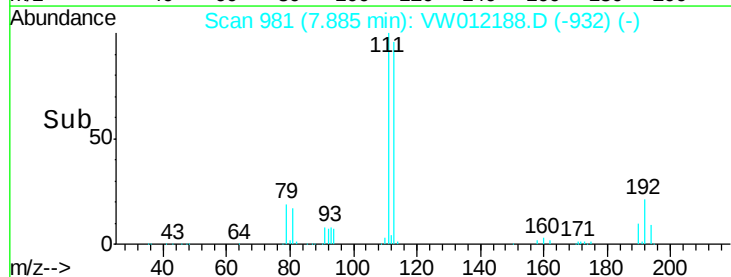
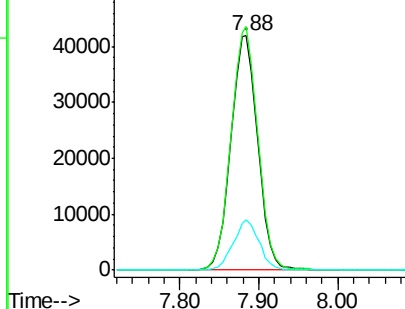


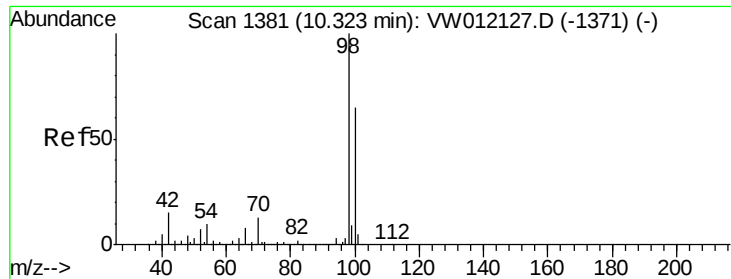
#35
Dibromofluoromethane
Concen: 52.961 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012188.D
Acq: 26 Aug 2019 22:58

Tgt Ion:113 Resp: 99130
Ion Ratio Lower Upper
113 100
111 103.7 82.7 124.1
192 20.6 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: 49.730 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012188.D

Acq: 26 Aug 2019 22:58

Instrument :

MSVOA_W

ClientSampleId :

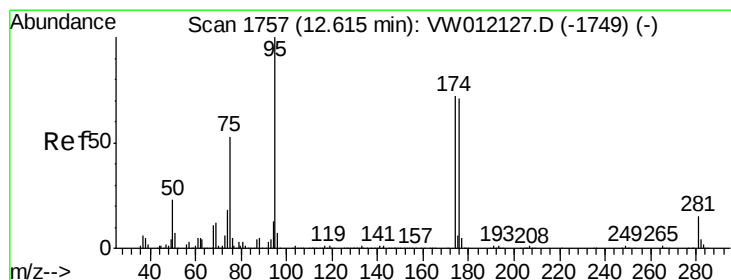
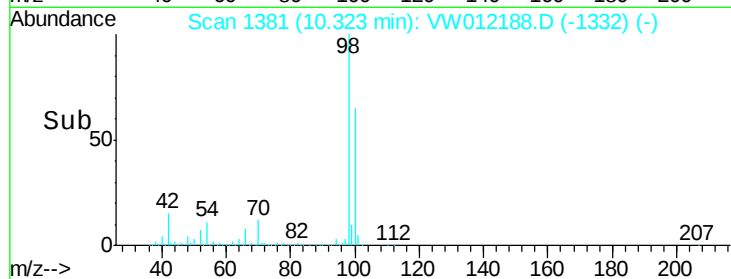
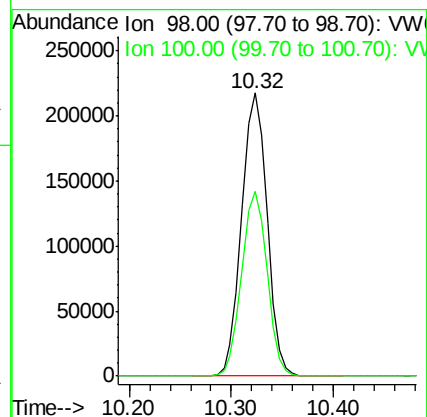
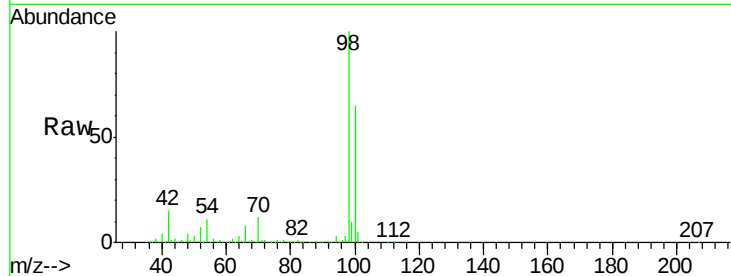
T1-S2-(2.5)

Tot Ion: 98 Resp: 377417

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 40.325 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012188.D

Acq: 26 Aug 2019 22:58

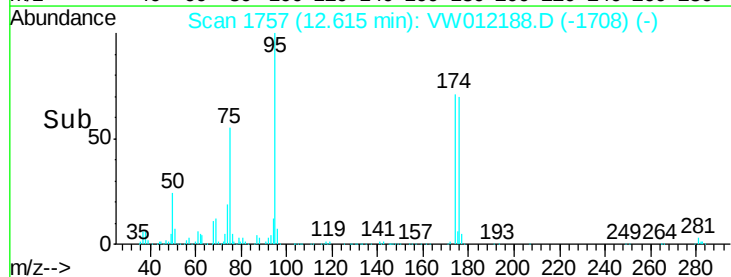
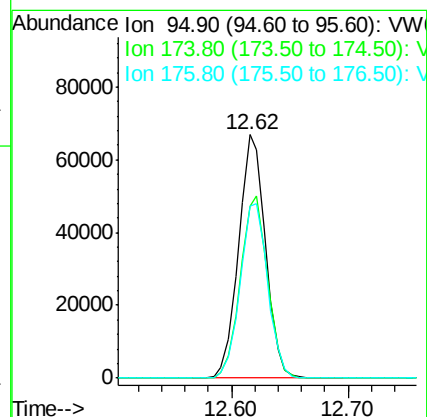
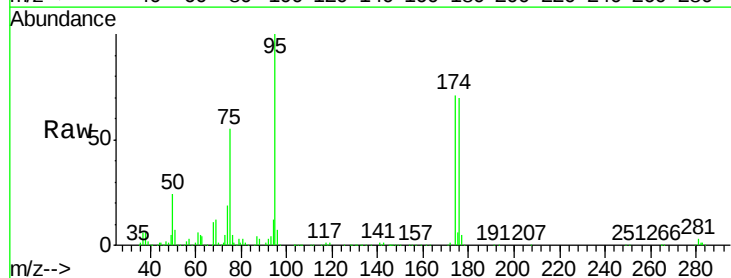
Tgt Ion: 95 Resp: 107878

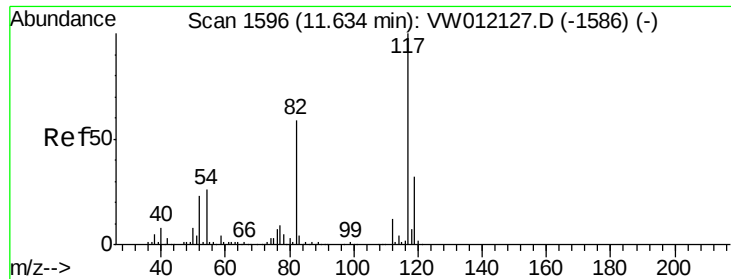
Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.8

176 73.2 0.0 148.6

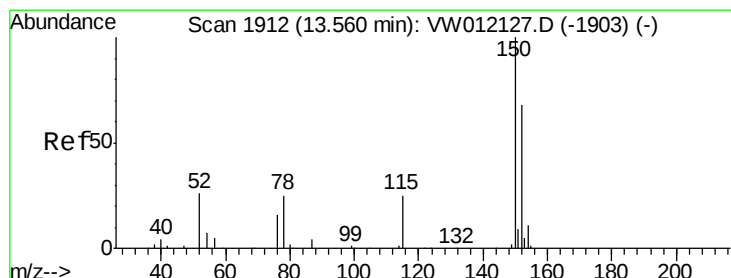
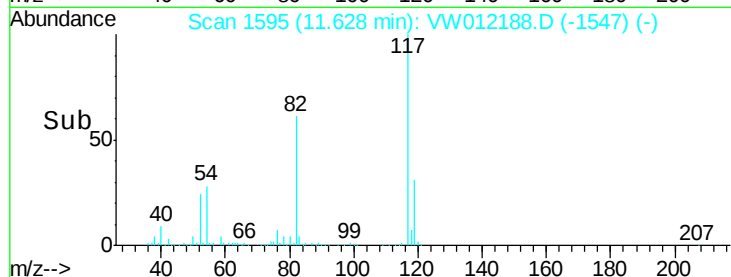
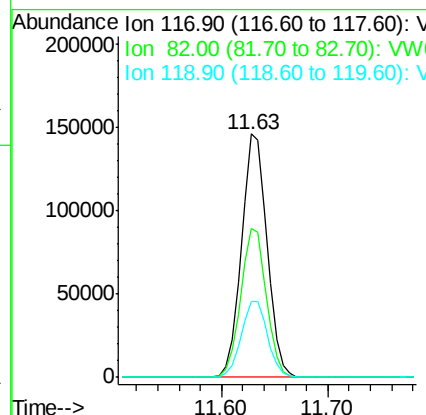
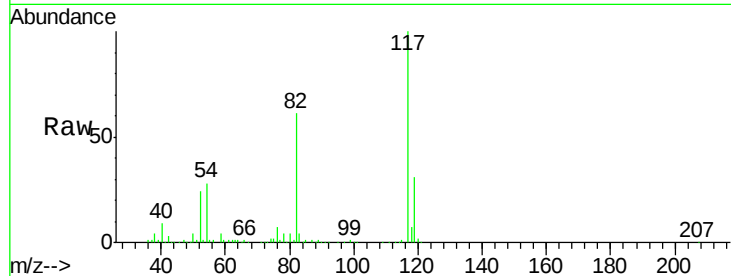




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012188.D
Acq: 26 Aug 2019 22:58

Instrument :
MSVOA_W
ClientSampleId :
T1-S2-(2.5)

Tot Ion:117 Resp: 246031
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 31.0 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: VW012188.D
Acq: 26 Aug 2019 22:58

Tgt Ion:152 Resp: 83795
Ion Ratio Lower Upper
152 100
115 61.4 30.1 90.3
150 157.8 0.0 345.8

