

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012563.D
 Acq On : 03 Sep 2019 23:40
 Operator : SY/VA
 Sample : K4525-02
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A1-(0)

Quant Time: Sep 04 07:40:24 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

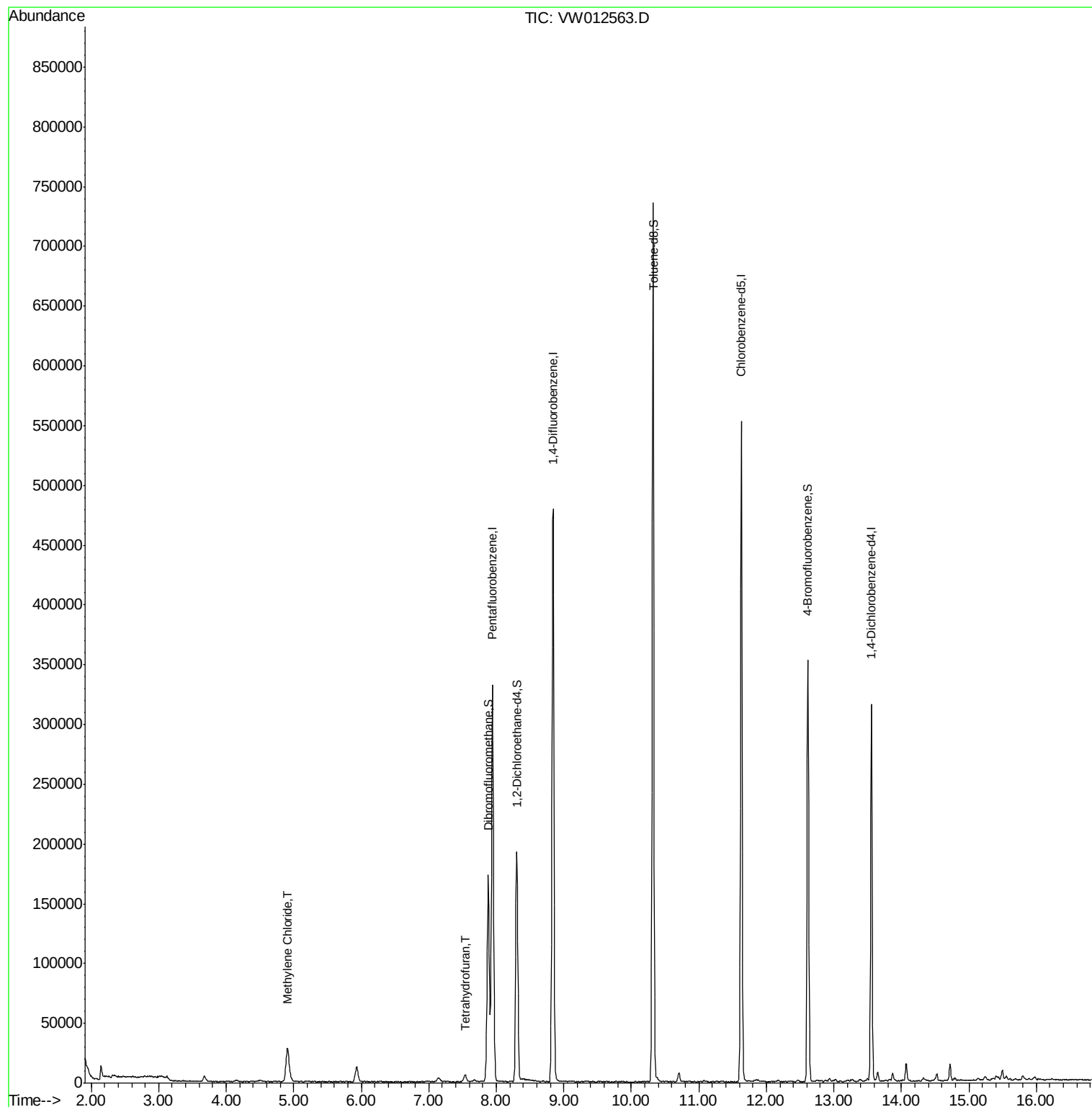
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	383961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	158364	55.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.16%	
35) Dibromofluoromethane	7.88	113	122978	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
50) Toluene-d8	10.32	98	461477	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.62	95	111642	34.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.16%	
Target Compounds						
20) Methylene Chloride	4.90	84	20504	7.447	ug/l	94
29) Tetrahydrofuran	7.54	42	4850	8.168	ug/l	94

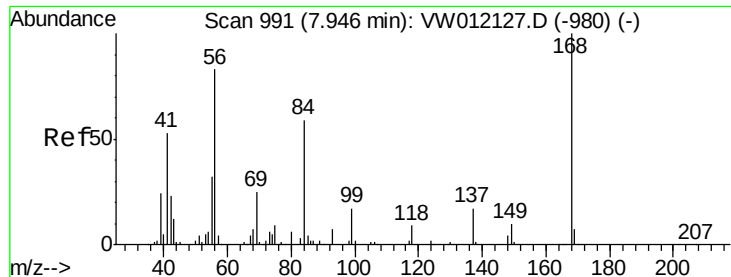
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012563.D

Acq: 03 Sep 2019 23:40

Instrument :

MSVOA_W

ClientSampleId :

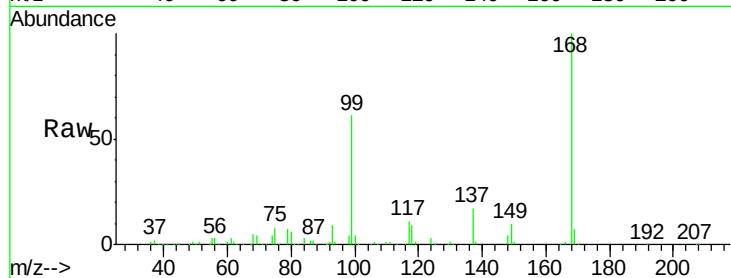
T9-12-13-A1-(0)

Tot Ion:168 Resp: 239686

Ion Ratio Lower Upper

168 100

99 60.9 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

120000

100000

80000

60000

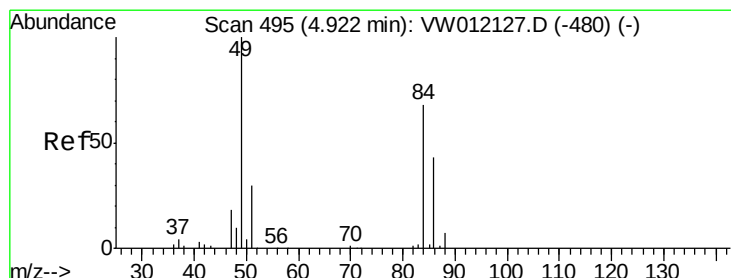
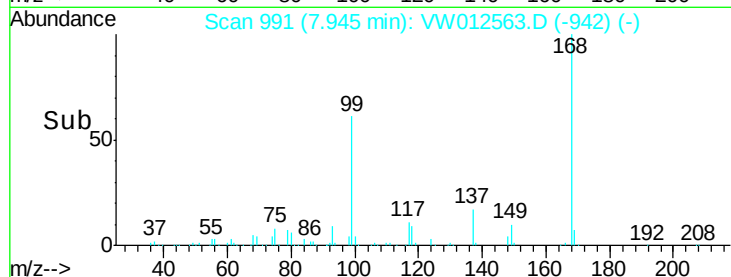
40000

20000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 7.447 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012563.D

Acq: 03 Sep 2019 23:40

Tgt Ion: 84 Resp: 20504

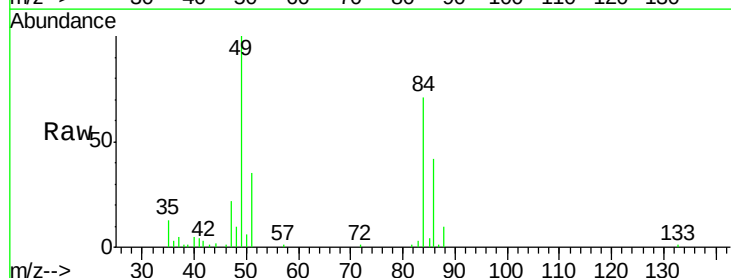
Ion Ratio Lower Upper

84 100

49 141.8 117.8 176.8

51 50.3 35.6 53.4

86 58.9 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

15000

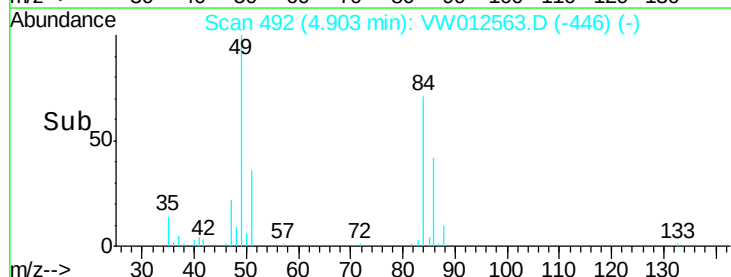
10000

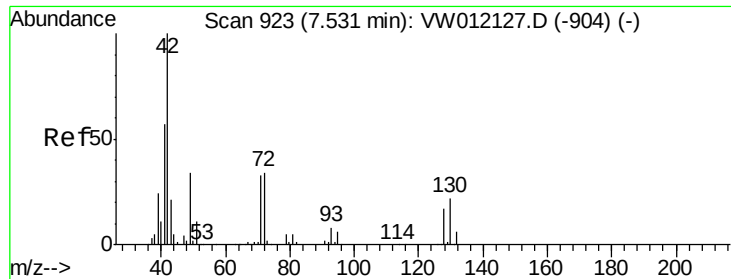
5000

0

4.80 4.90 5.00

Time-->

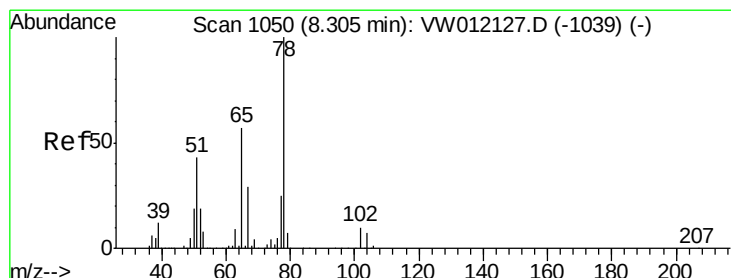
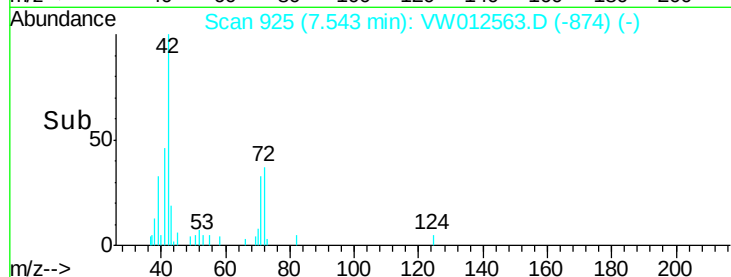
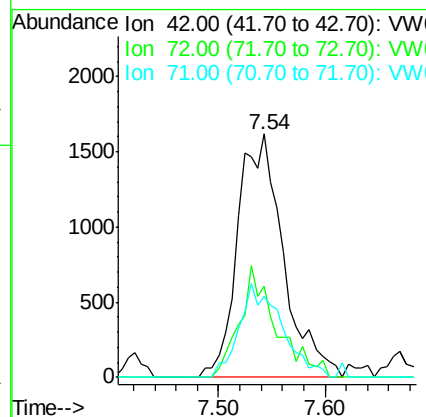
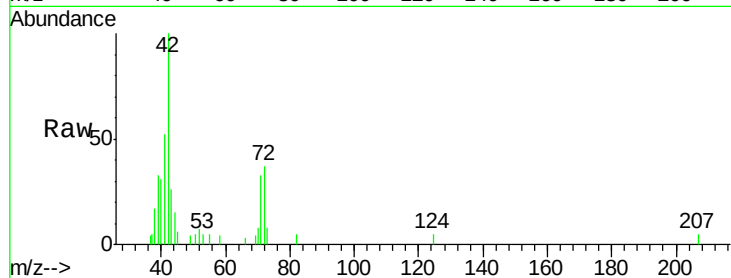




#29
Tetrahydrofuran
Concen: 8.168 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012563.D
Acq: 03 Sep 2019 23:40

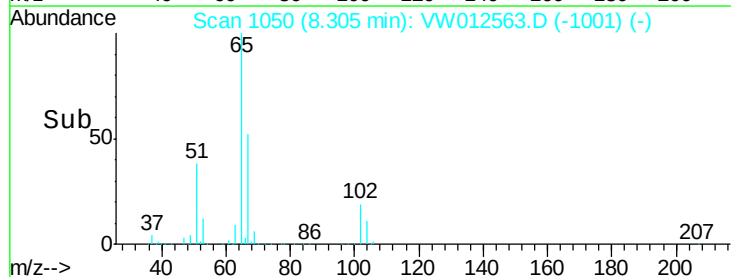
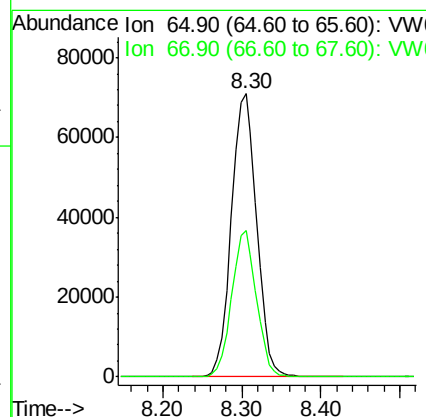
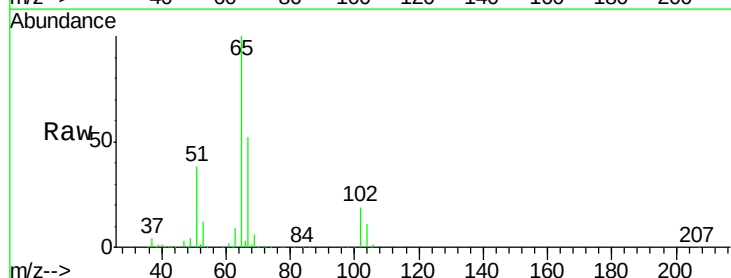
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A1-(0)

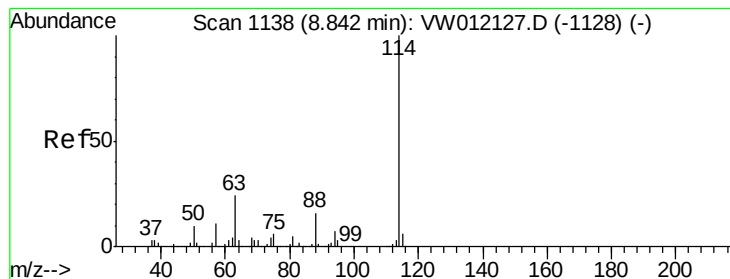
Tot Ion: 42 Resp: 4850
Ion Ratio Lower Upper
42 100
72 37.1 27.3 40.9
71 35.8 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 55.580 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012563.D
Acq: 03 Sep 2019 23:40

Tgt Ion: 65 Resp: 158364
Ion Ratio Lower Upper
65 100
67 50.5 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: VW012563.D

Acq: 03 Sep 2019 23:40

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-A1-(0)

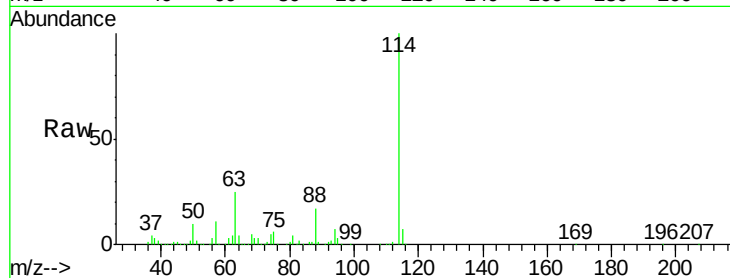
Tot Ion:114 Resp: 383961

Ion Ratio Lower Upper

114 100

63 25.4 0.0 48.6

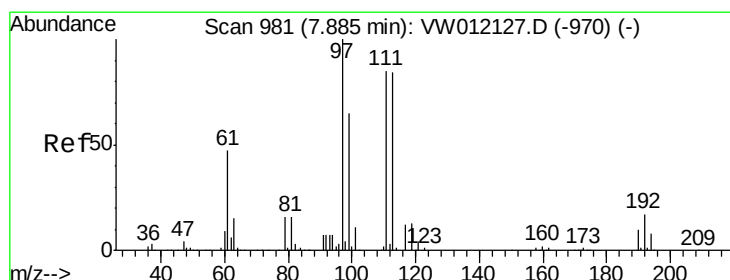
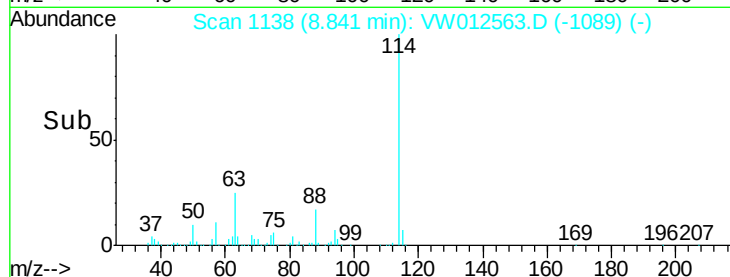
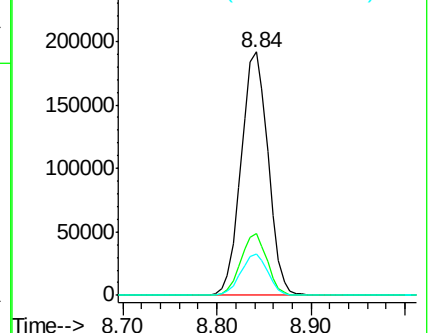
88 17.0 0.0 32.2



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: 53.658 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012563.D

Acq: 03 Sep 2019 23:40

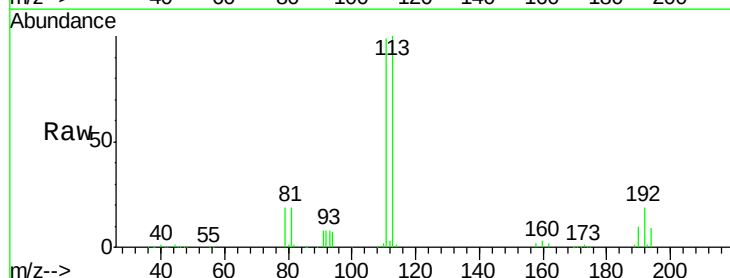
Tgt Ion:113 Resp: 122978

Ion Ratio Lower Upper

113 100

111 103.8 82.7 124.1

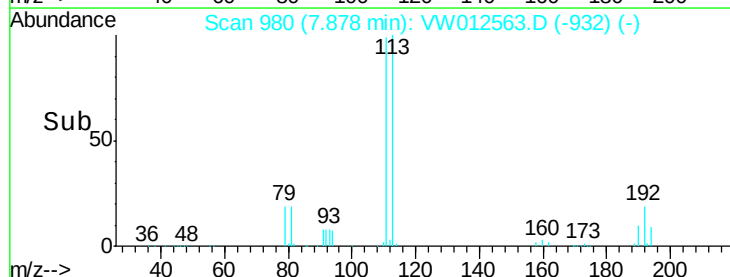
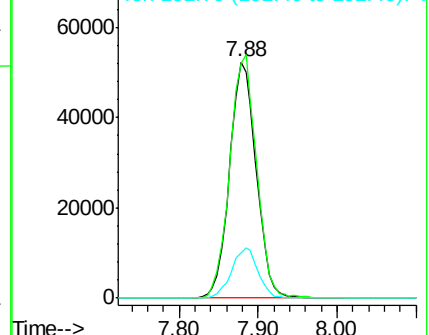
192 21.0 16.2 24.2

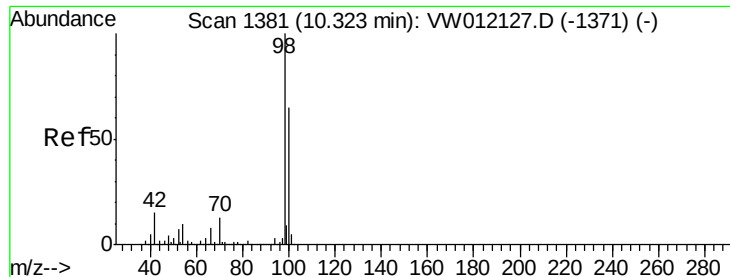


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.659 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012563.D

Acq: 03 Sep 2019 23:40

Instrument :

MSVOA_W

ClientSampleId :

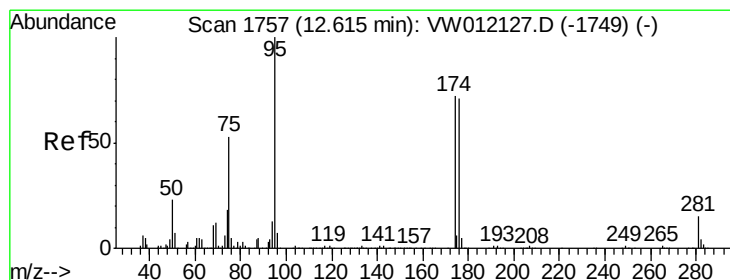
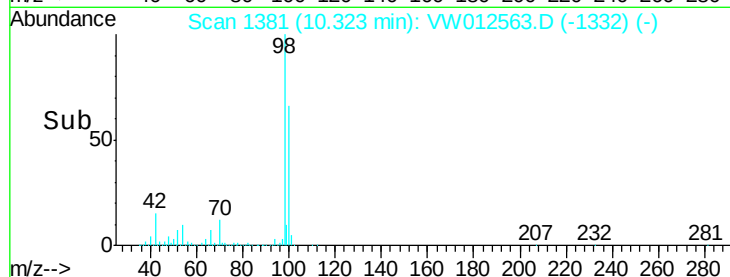
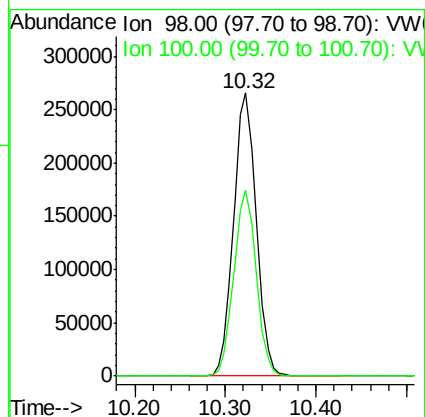
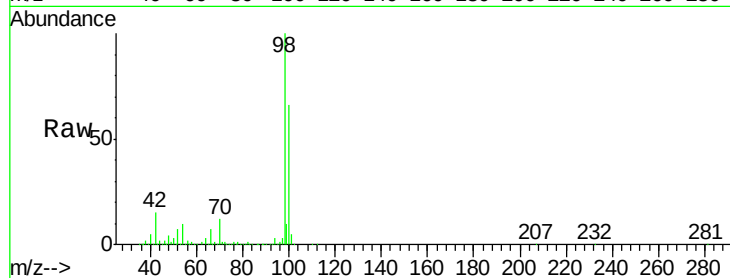
T9-12-13-A1-(0)

Tot Ion: 98 Resp: 461477

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 34.082 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012563.D

Acq: 03 Sep 2019 23:40

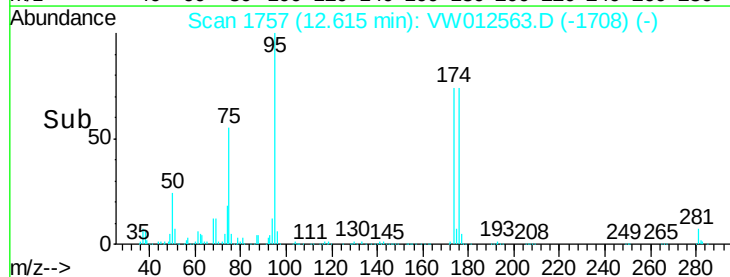
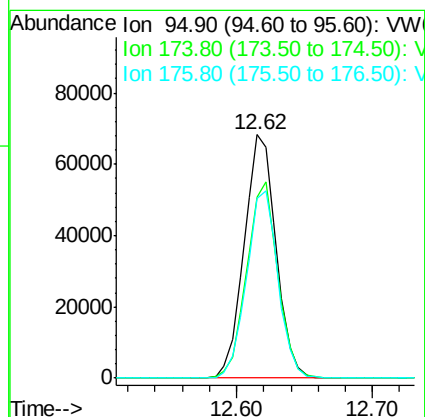
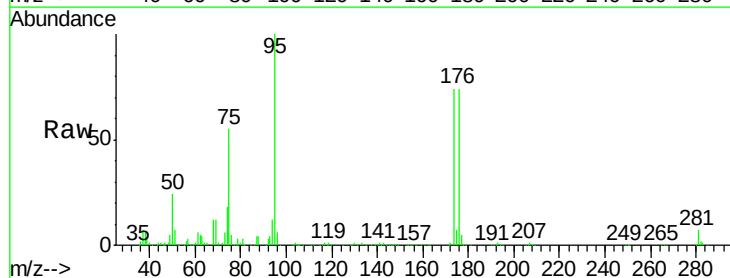
Tgt Ion: 95 Resp: 111642

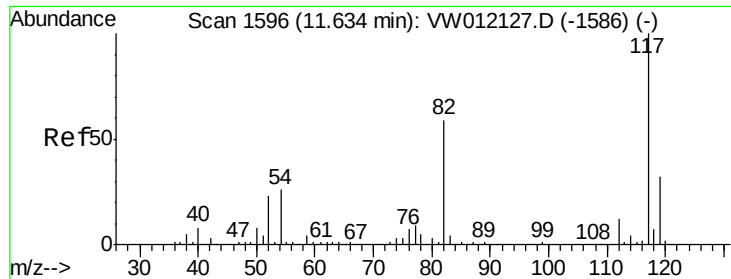
Ion Ratio Lower Upper

95 100

174 79.0 0.0 150.8

176 76.0 0.0 148.6

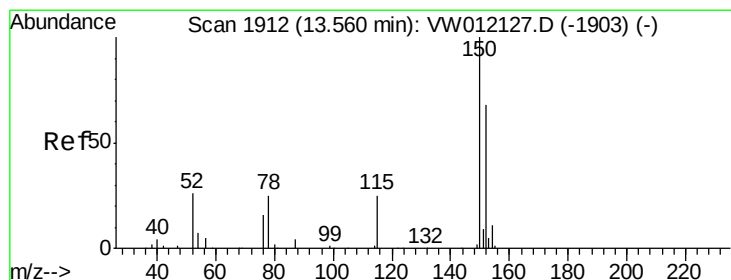
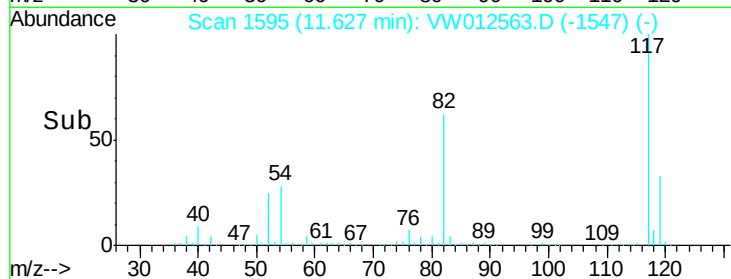
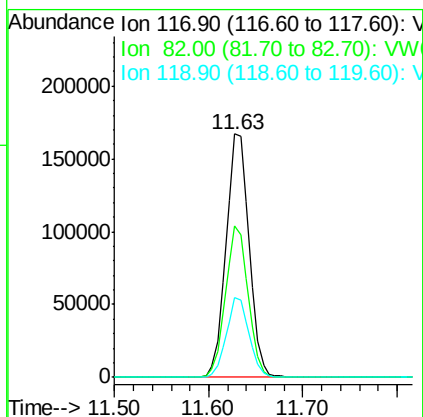
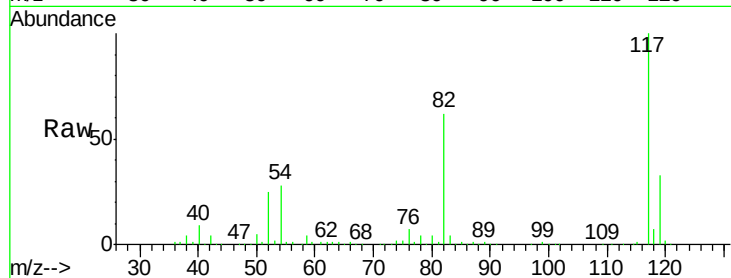




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012563.D
Acq: 03 Sep 2019 23:40

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A1-(0)

Tot Ion:117 Resp: 283465
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 32.9 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: VW012563.D
Acq: 03 Sep 2019 23:40

Tgt Ion:152 Resp: 79869
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.3
150 155.1 0.0 345.8

