

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012580.D
 Acq On : 04 Sep 2019 06:58
 Operator : SY/VA
 Sample : K4525-15
 Misc : 3.43G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-B1-(1.9)

Quant Time: Sep 04 07:46:32 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

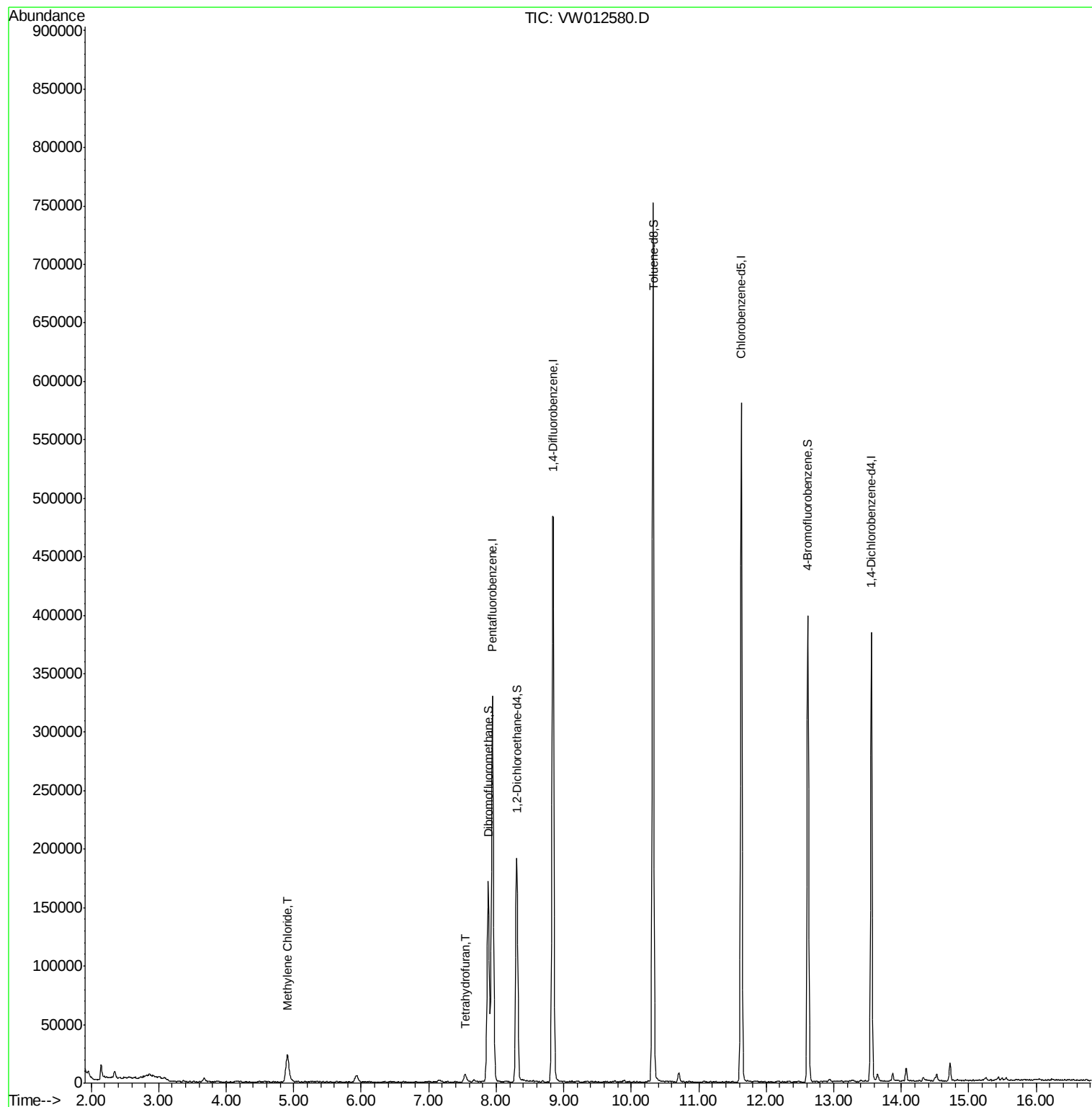
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	384490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	96782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	160701	56.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.94%	
35) Dibromofluoromethane	7.88	113	121937	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
50) Toluene-d8	10.32	98	463074	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.62	95	122244	37.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.54%	
Target Compounds						
20) Methylene Chloride	4.91	84	16984	6.176	ug/l	90
29) Tetrahydrofuran	7.54	42	6058	10.214	ug/l	95

(#) = 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: VW012580.D

Acq: 04 Sep 2019 06:58

Instrument :

MSVOA_W

ClientSampleId :

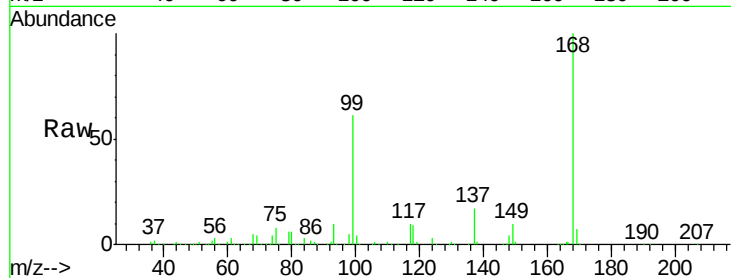
T9-12-13-B1-(1.9)

Tot Ion:168 Resp: 239398

Ion Ratio Lower Upper

168 100

99 60.7 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

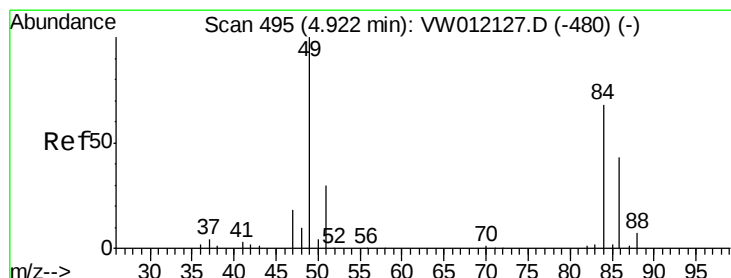
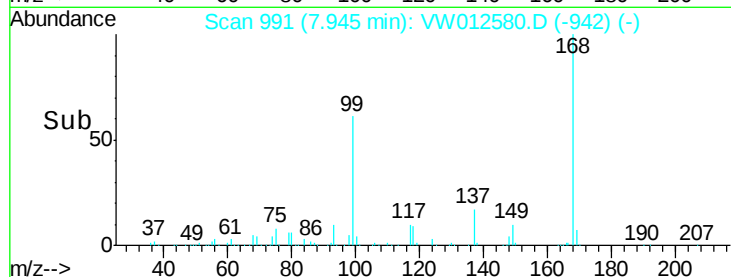
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.176 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012580.D

Acq: 04 Sep 2019 06:58

Tgt Ion: 84 Resp: 16984

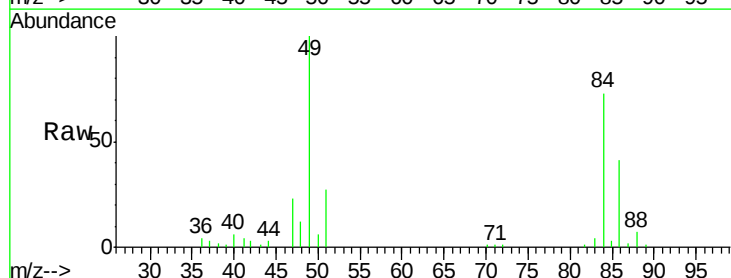
Ion Ratio Lower Upper

84 100

49 137.0 117.8 176.8

51 36.3 35.6 53.4

86 55.9 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

10000

8000

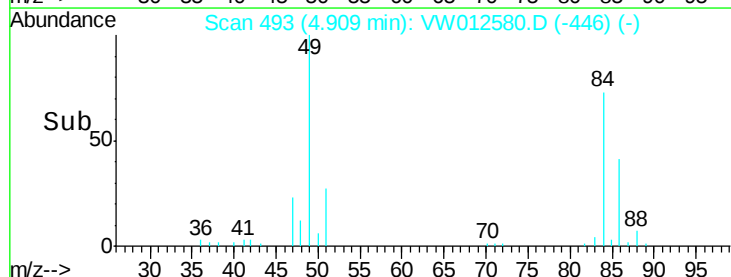
6000

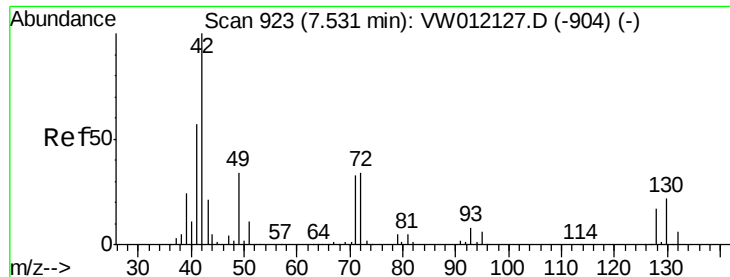
4000

2000

0

Time--> 4.80 4.90 5.00





#29

Tetrahydrofuran

Concen: 10.214 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012580.D

Acq: 04 Sep 2019 06:58

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-B1-(1.9)

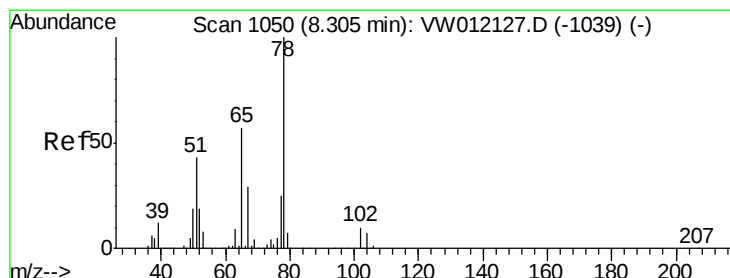
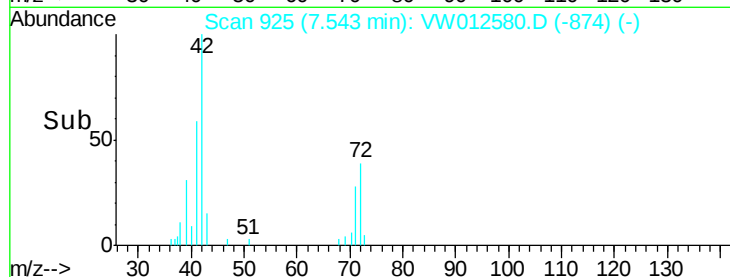
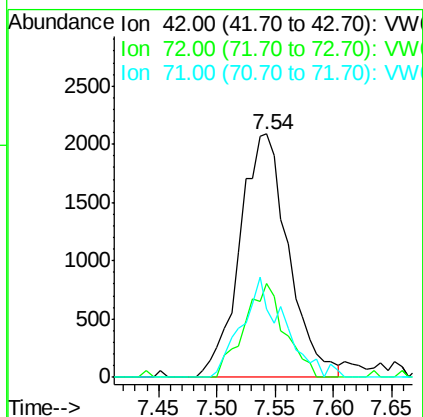
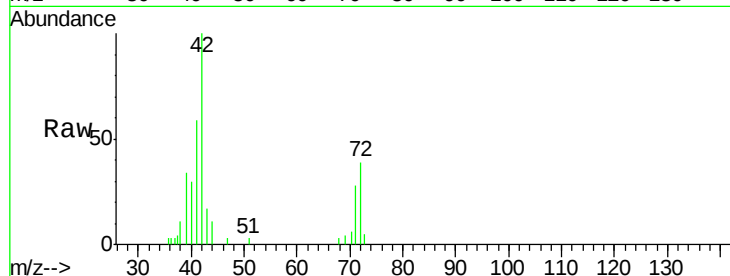
Tot Ion: 42 Resp: 6058

Ion Ratio Lower Upper

42 100

72 32.0 27.3 40.9

71 35.8 25.5 38.3



#33

1,2-Dichloroethane-d4

Concen: 56.468 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012580.D

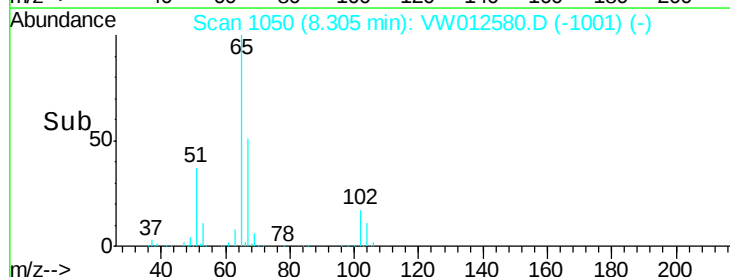
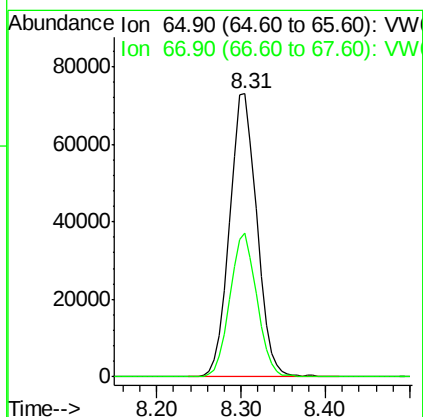
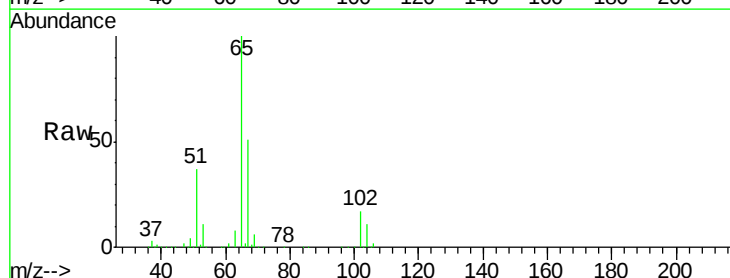
Acq: 04 Sep 2019 06:58

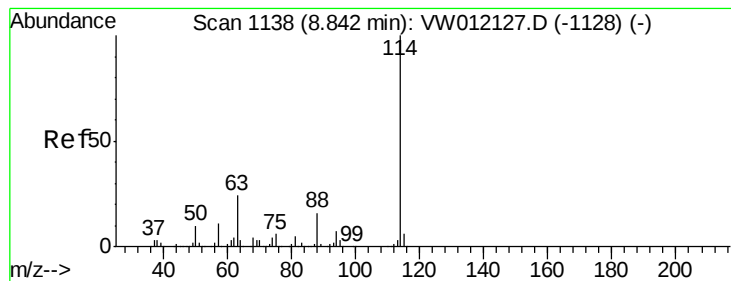
Tgt Ion: 65 Resp: 160701

Ion Ratio Lower Upper

65 100

67 50.2 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: VW012580.D

Acq: 04 Sep 2019 06:58

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-B1-(1.9)

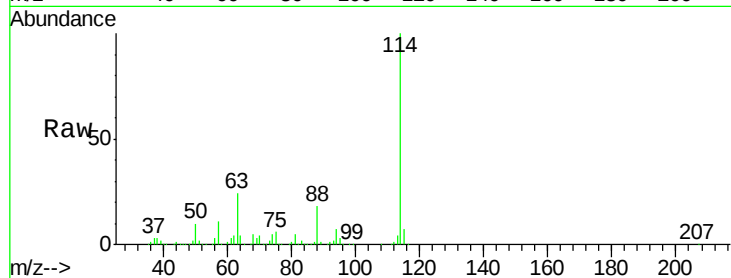
Tot Ion:114 Resp: 384490

Ion Ratio Lower Upper

114 100

63 24.1 0.0 48.6

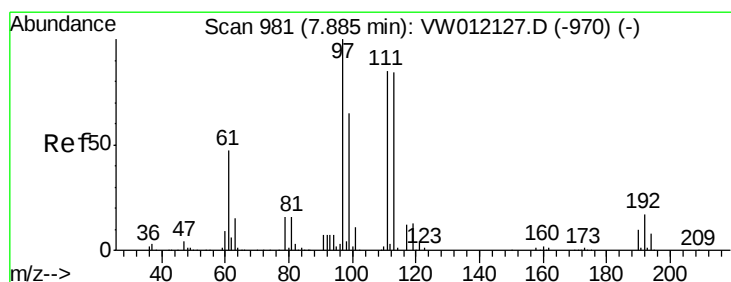
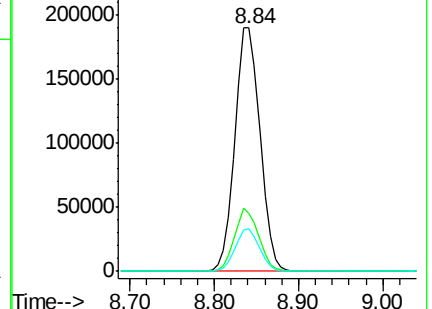
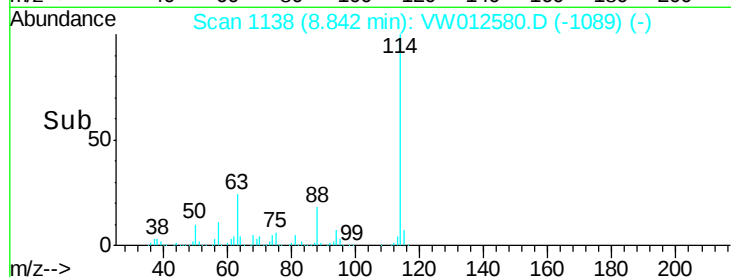
88 17.6 0.0 32.2



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: 53.131 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012580.D

Acq: 04 Sep 2019 06:58

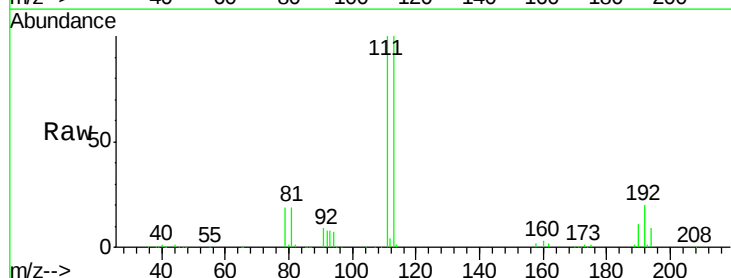
Tgt Ion:113 Resp: 121937

Ion Ratio Lower Upper

113 100

111 103.4 82.7 124.1

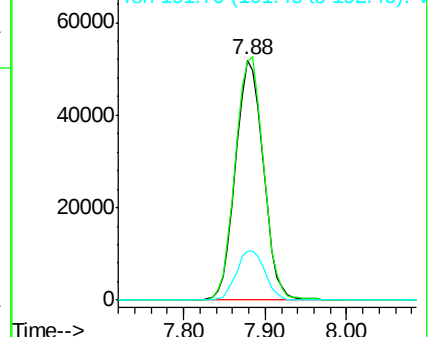
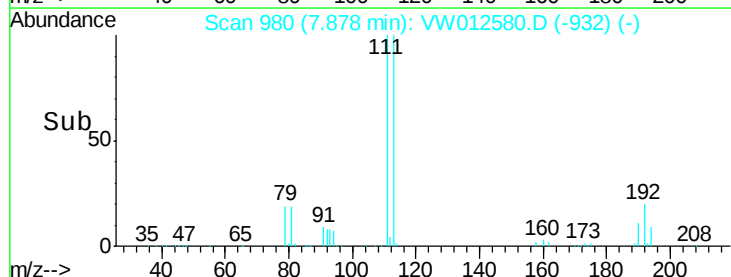
192 21.1 16.2 24.2

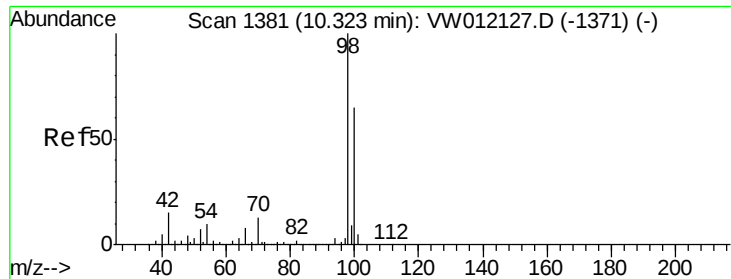


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.762 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012580.D

Acq: 04 Sep 2019 06:58

Instrument :

MSVOA_W

ClientSampleId :

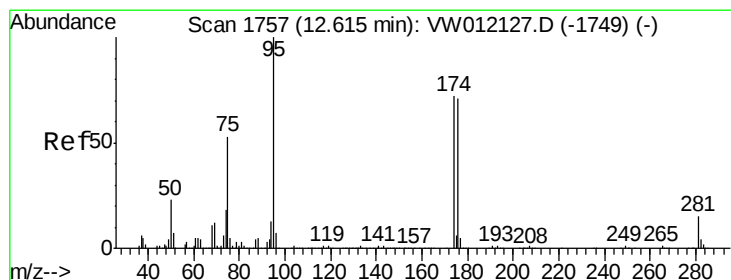
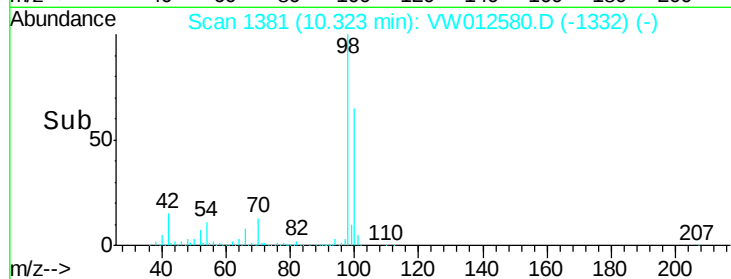
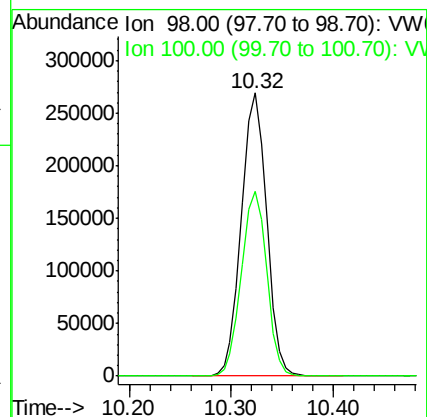
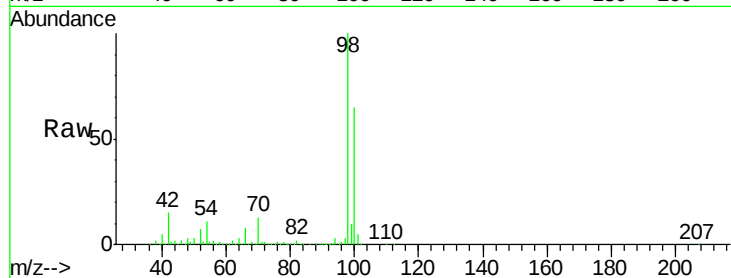
T9-12-13-B1-(1.9)

Tot Ion: 98 Resp: 463074

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 37.267 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012580.D

Acq: 04 Sep 2019 06:58

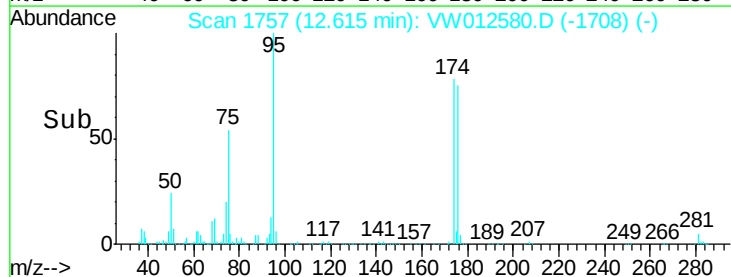
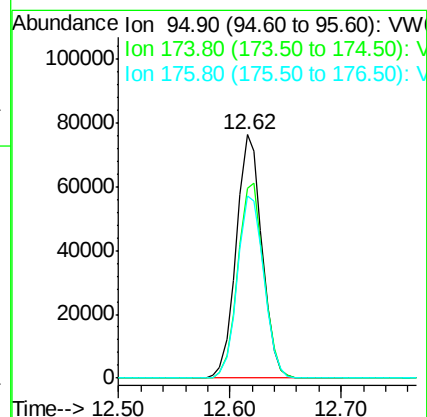
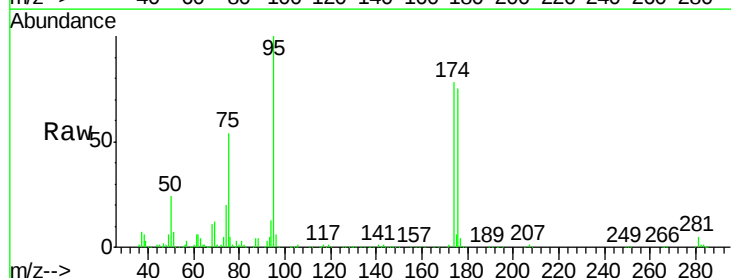
Tgt Ion: 95 Resp: 122244

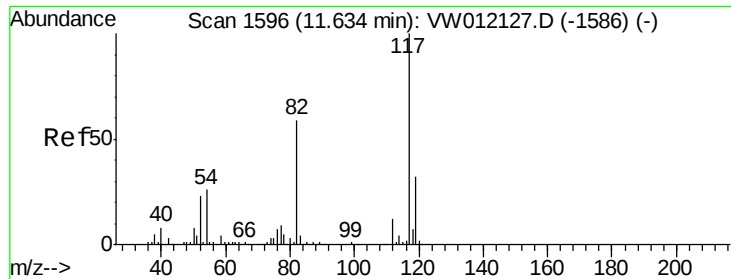
Ion Ratio Lower Upper

95 100

174 80.7 0.0 150.8

176 76.9 0.0 148.6

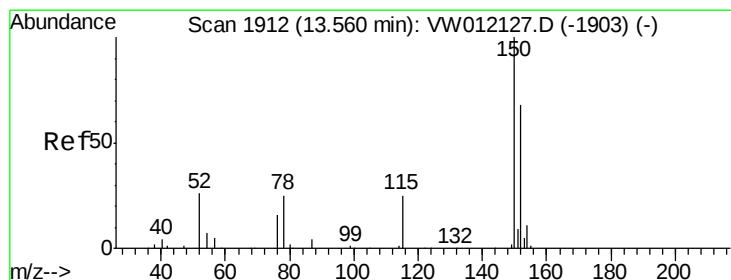
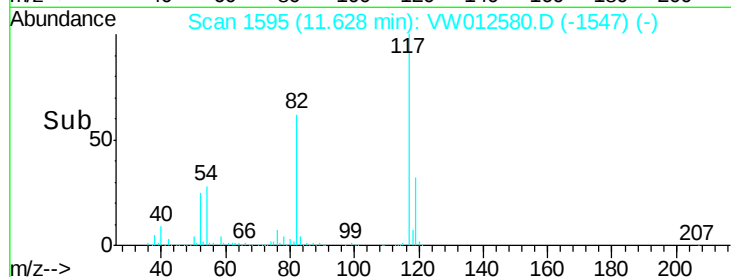
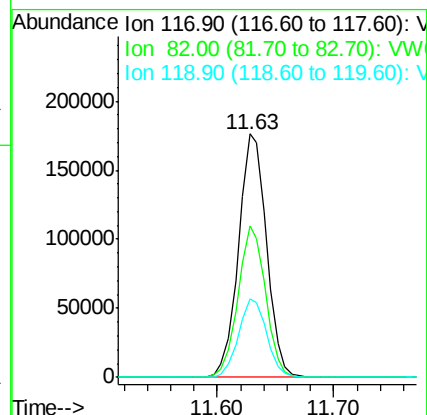
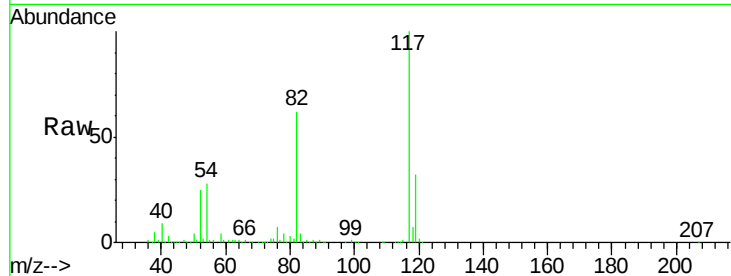




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012580.D
Acq: 04 Sep 2019 06:58

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-B1-(1.9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.1	47.4	71.2
119	32.0	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: VW012580.D
Acq: 04 Sep 2019 06:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.1	90.3
150	157.9	0.0	345.8

