

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012422.D
 Acq On : 01 Sep 2019 01:54
 Operator : SY/VA
 Sample : K4517-16
 Misc : 5.95G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-E-(0)

Quant Time: Sep 01 05:10:52 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

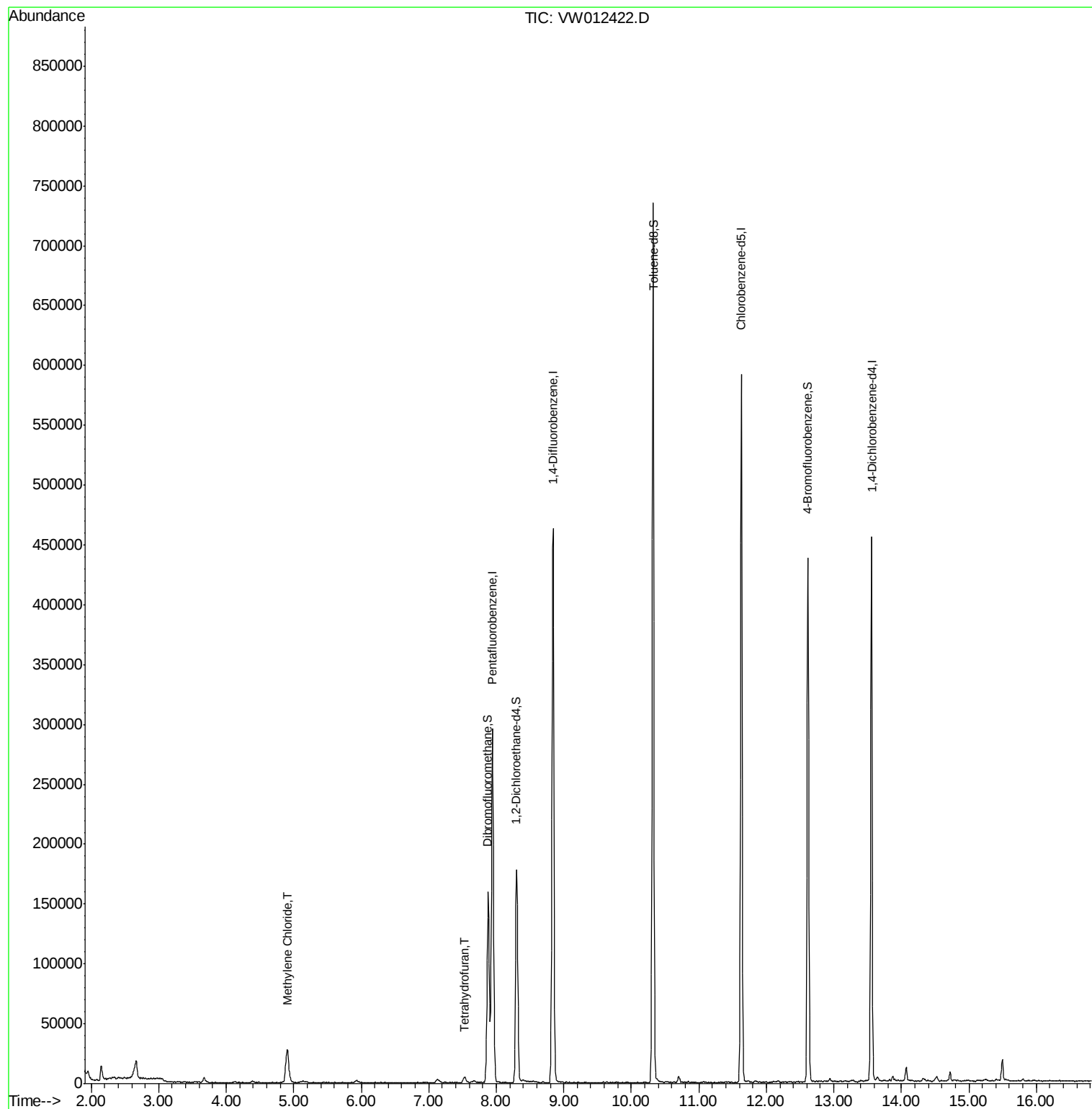
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	146938	57.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.66%	
35) Dibromofluoromethane	7.88	113	112856	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
50) Toluene-d8	10.32	98	454728	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.62	95	140022	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
Target Compounds						
20) Methylene Chloride	4.90	84	19049	7.691	ug/l	92
29) Tetrahydrofuran	7.53	42	4181	7.828	ug/l	96

(#) = 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: VW012422.D

Acq: 01 Sep 2019 01:54

Instrument :

MSVOA_W

ClientSampleId :

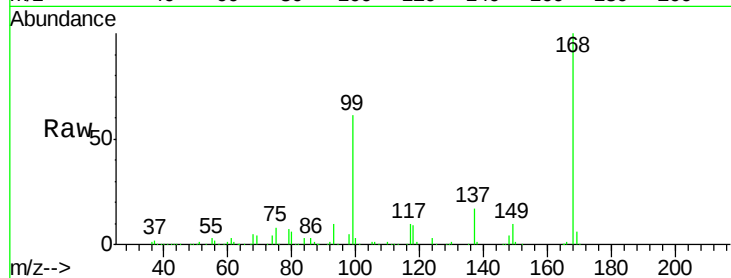
T4-S-E(0)

Tot Ion:168 Resp: 21595

Ion Ratio Lower Upper

168 100

99 61.4 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

100000

80000

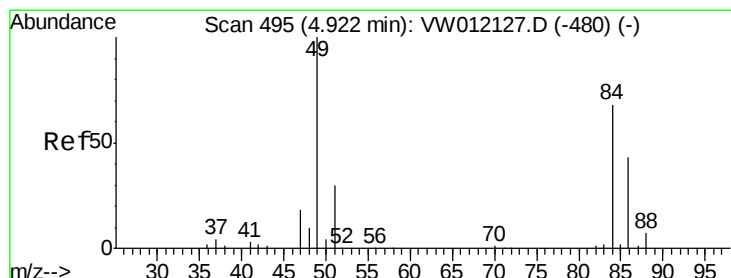
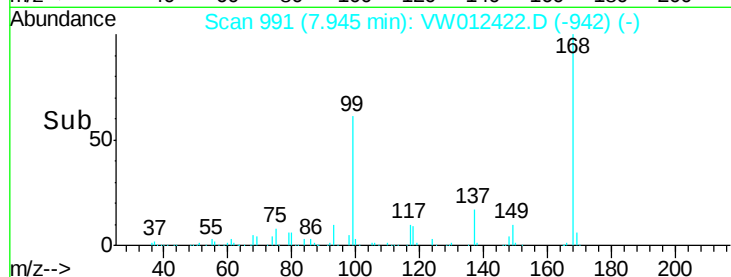
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 7.691 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012422.D

Acq: 01 Sep 2019 01:54

Tgt Ion: 84 Resp: 19049

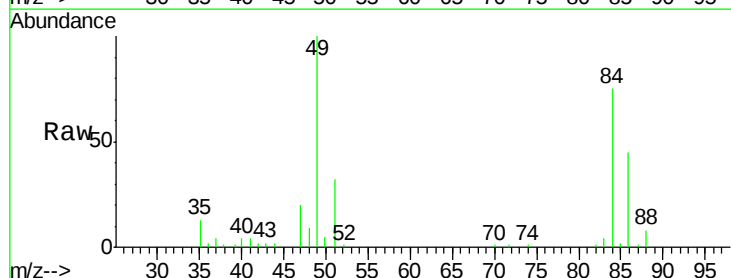
Ion Ratio Lower Upper

84 100

49 133.5 117.8 176.8

51 42.9 35.6 53.4

86 59.9 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

12000

10000

8000

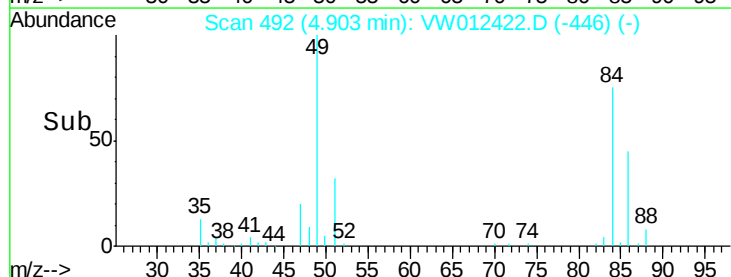
6000

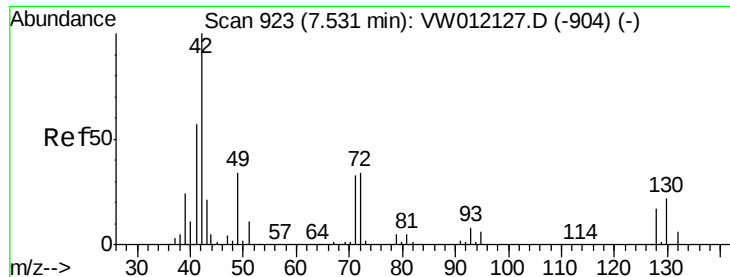
4000

2000

0

Time--> 4.80 4.90 5.00

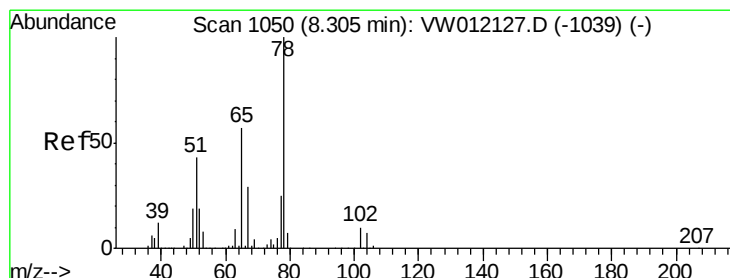
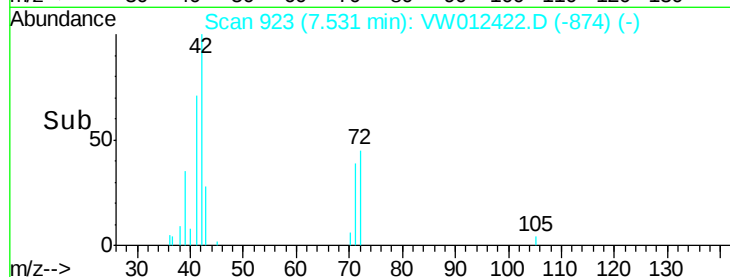
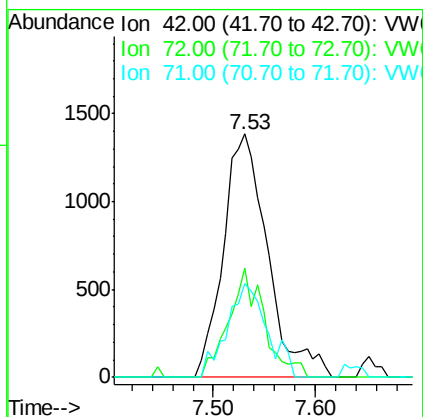
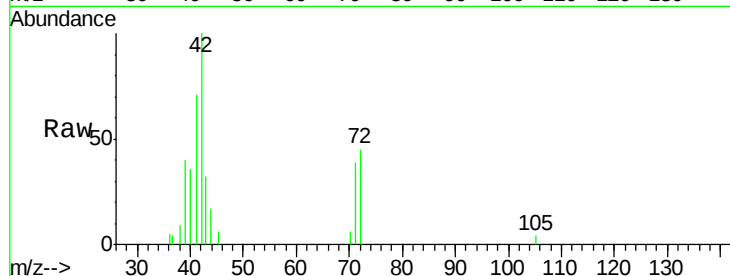




#29
Tetrahydrofuran
Concen: 7.828 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012422.D
Acq: 01 Sep 2019 01:54

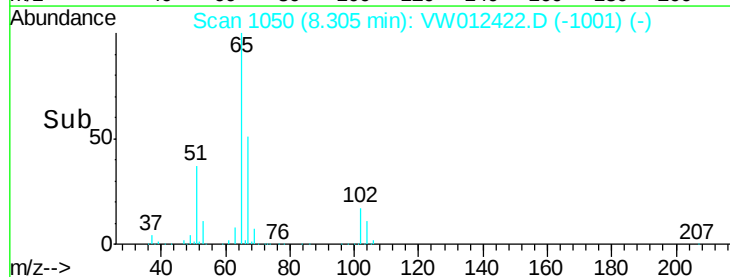
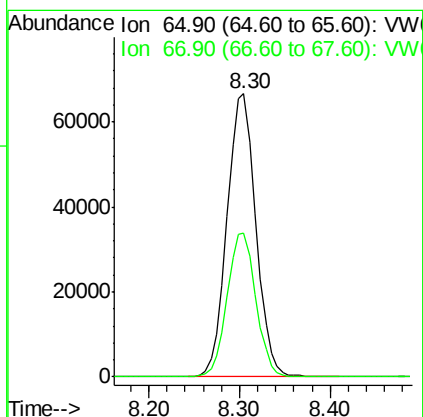
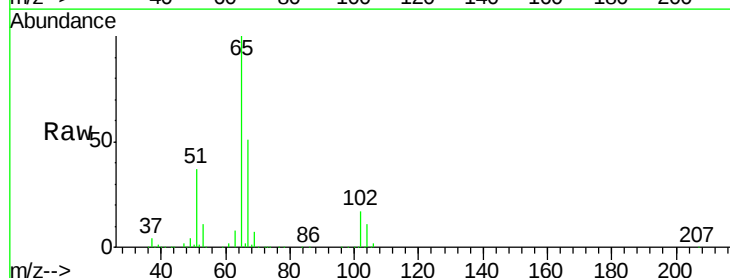
Instrument :
MSVOA_W
ClientSampled :
T4-S-E(0)

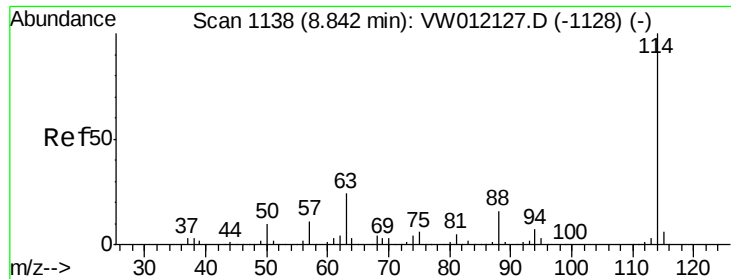
Tot Ion: 42 Resp: 4181
Ion Ratio Lower Upper
42 100
72 35.9 27.3 40.9
71 34.7 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 57.333 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012422.D
Acq: 01 Sep 2019 01:54

Tgt Ion: 65 Resp: 146938
Ion Ratio Lower Upper
65 100
67 50.6 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: VW012422.D

Acq: 01 Sep 2019 01:54

Instrument :

MSVOA_W

ClientSampleId :

T4-S-E(0)

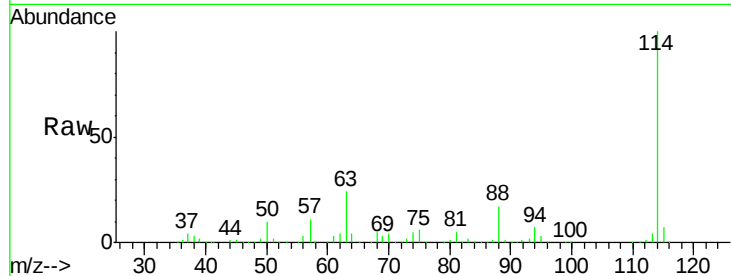
Tot Ion:114 Resp: 359847

Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.6

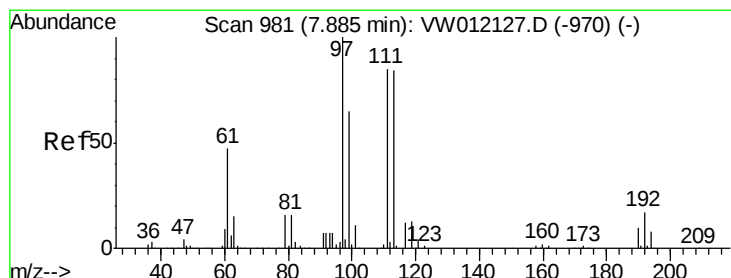
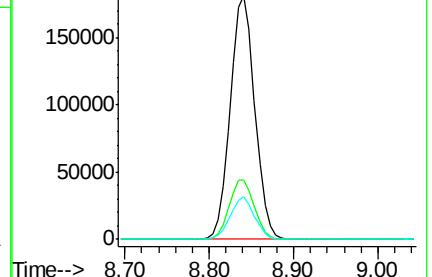
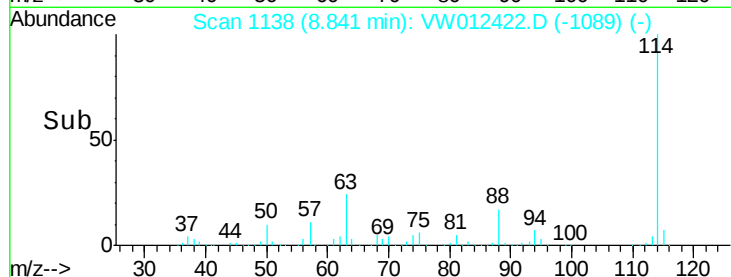
88 17.4 0.0 32.2



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: 52.542 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012422.D

Acq: 01 Sep 2019 01:54

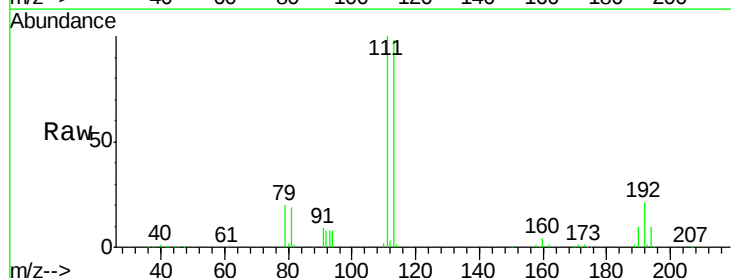
Tgt Ion:113 Resp: 112856

Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

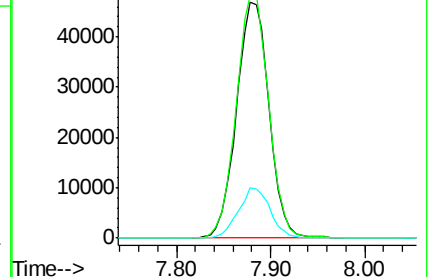
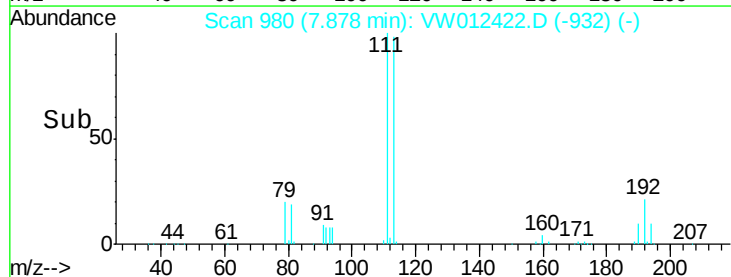
192 20.8 16.2 24.2

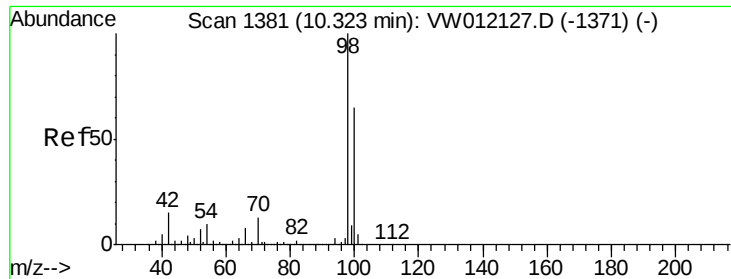


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.212 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012422.D

Acq: 01 Sep 2019 01:54

Instrument :

MSVOA_W

ClientSampleId :

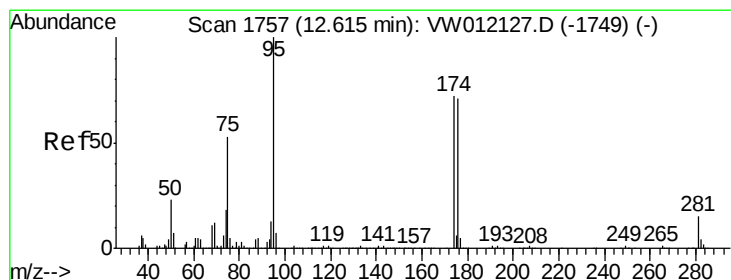
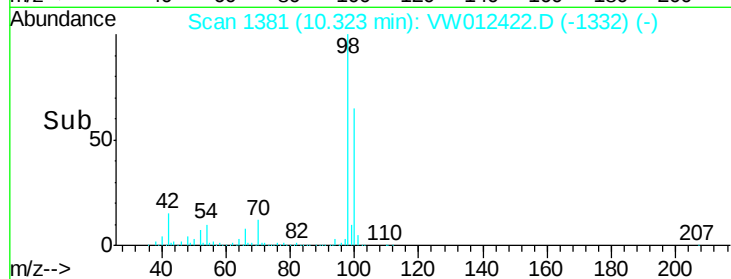
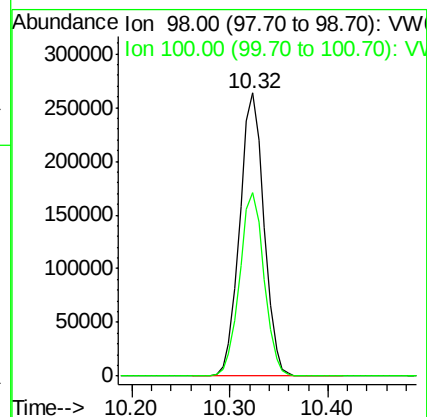
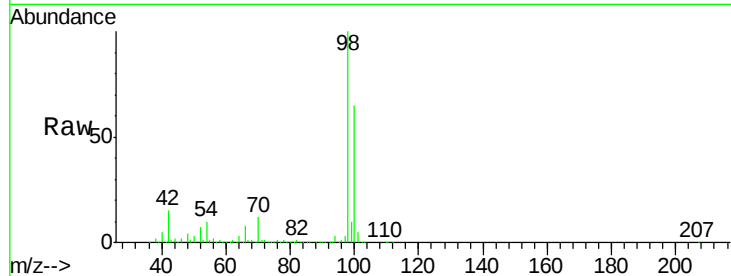
T4-S-E-(0)

Tot Ion: 98 Resp: 454728

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 45.610 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012422.D

Acq: 01 Sep 2019 01:54

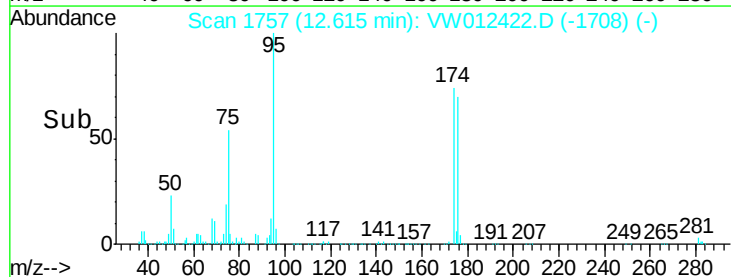
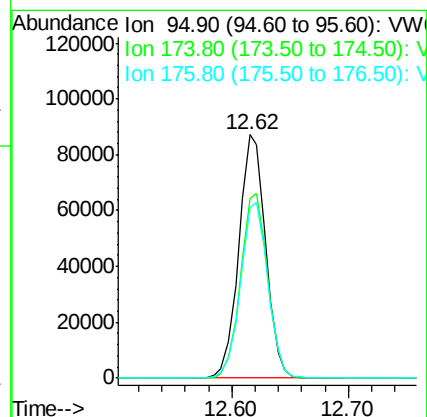
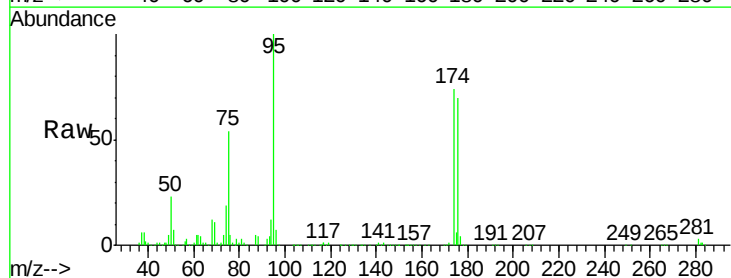
Tgt Ion: 95 Resp: 140022

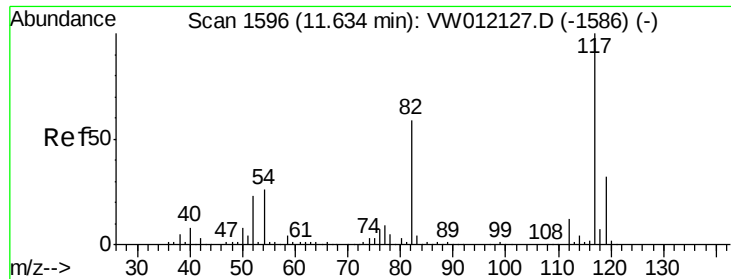
Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.8

176 73.3 0.0 148.6

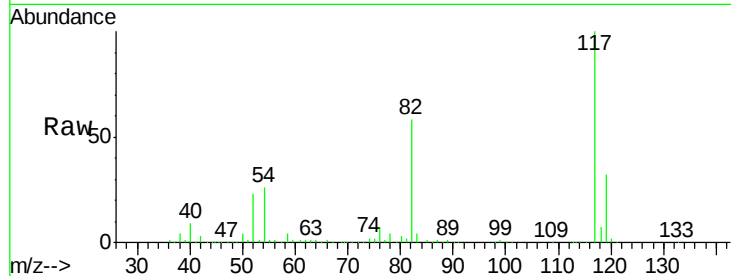




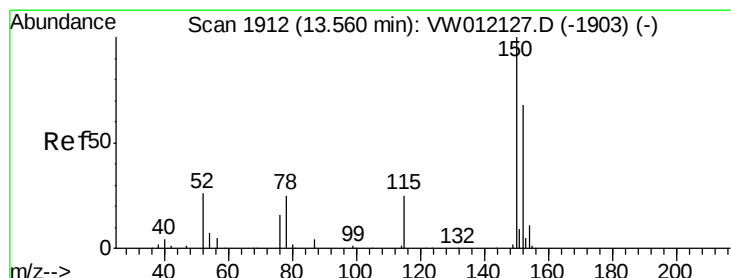
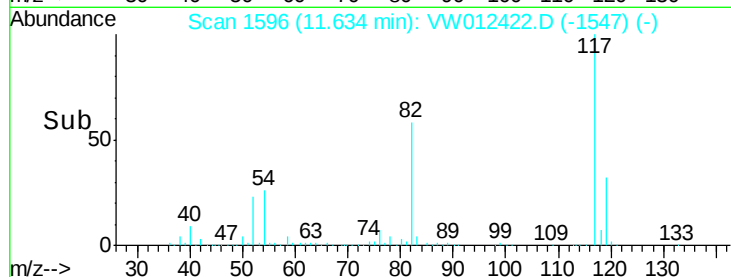
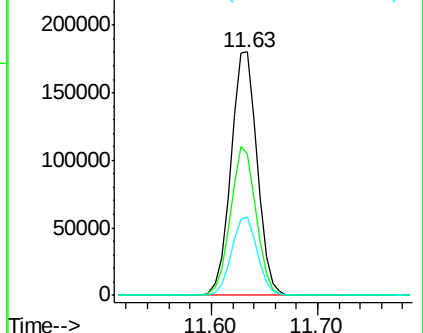
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012422.D
Acq: 01 Sep 2019 01:54

Instrument :
MSVOA_W
ClientSampleId :
T4-S-E(0)

Tot Ion:117 Resp: 310795
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.2 25.4 38.2

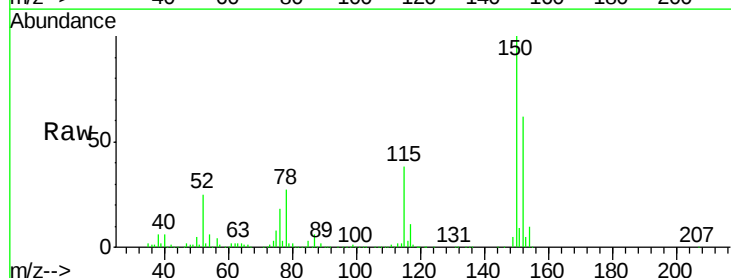


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012422.D
Acq: 01 Sep 2019 01:54

Tgt Ion:152 Resp: 112311
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.3
150 156.3 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

