

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW012990.D
 Acq On : 14 Sep 2019 13:46
 Operator : SY/VA
 Sample : K4719-09RE
 Misc : 4.22G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-4(1.5)-BRUCKNERRE

Quant Time: Sep 16 09:16:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

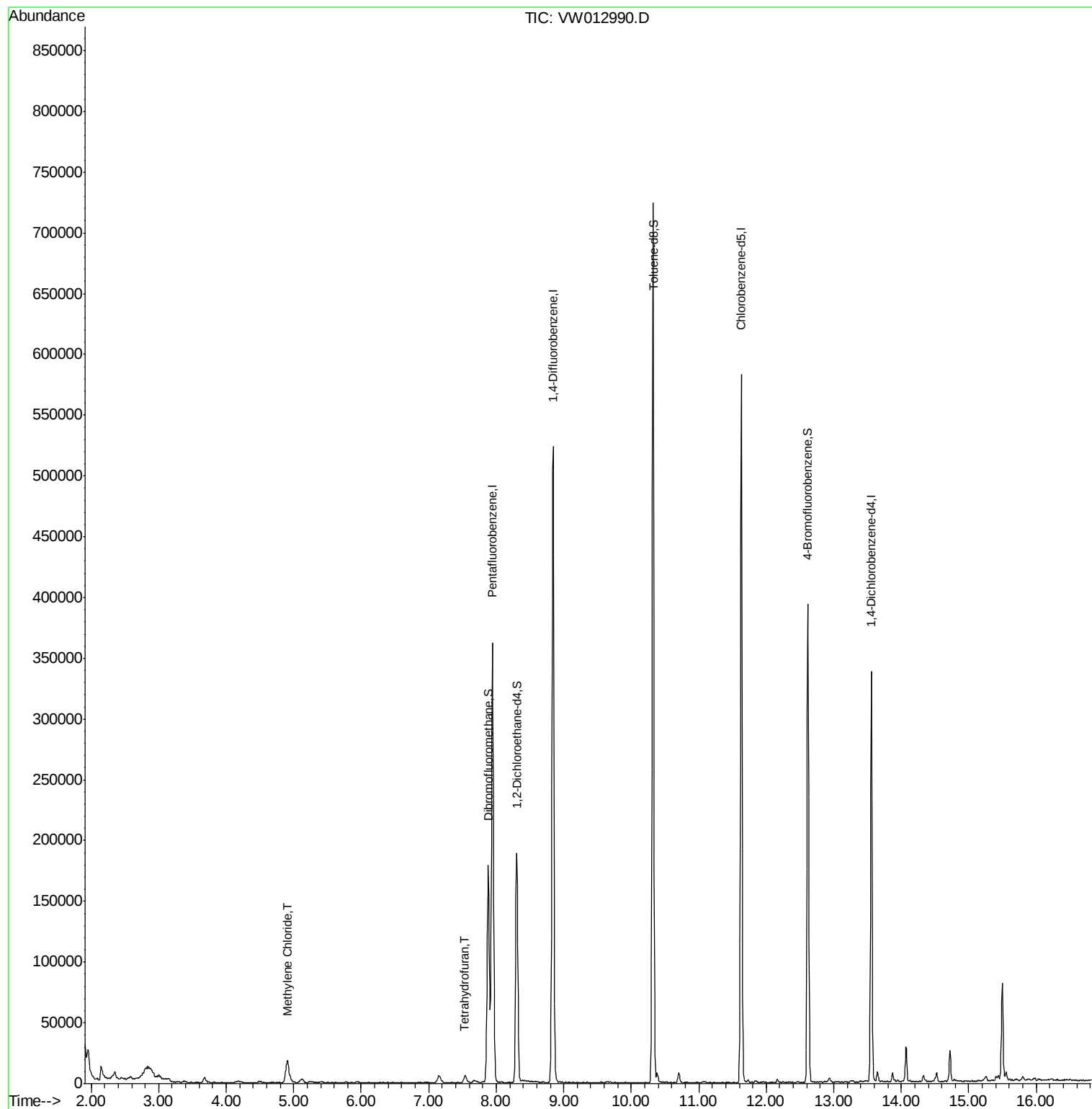
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	275593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	423191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	88371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	157443	61.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.72%	
35) Dibromofluoromethane	7.88	113	126843	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
50) Toluene-d8	10.32	98	477661	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.62	95	120191	37.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.40%	
Target Compounds						
20) Methylene Chloride	4.91	84	13628	1.608	ug/l #	89
29) Tetrahydrofuran	7.54	42	4863	10.545	ug/l	97

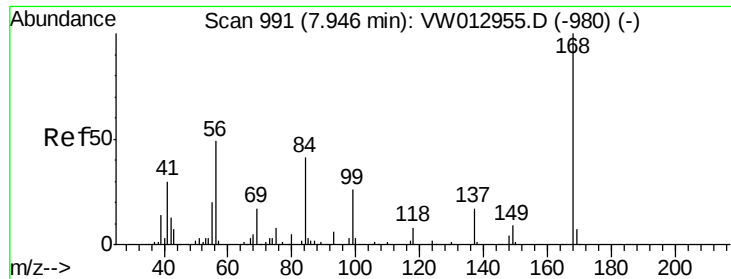
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 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: VW012990.D

Acq: 14 Sep 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

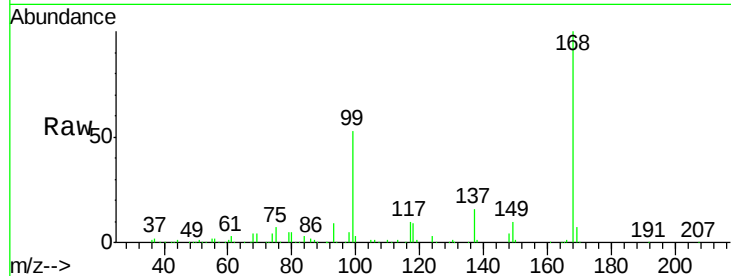
T4-4-(1.5)-BRUCKNERRE

Tot Ion:168 Resp: 275593

Ion Ratio Lower Upper

168 100

99 53.1 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

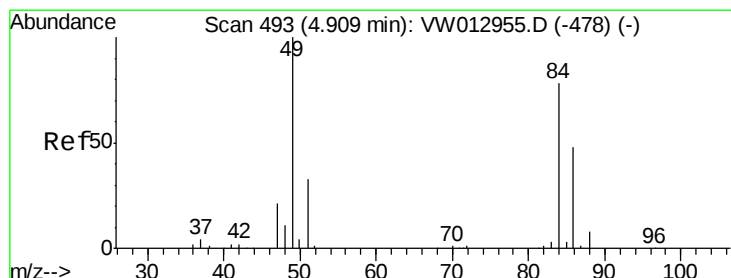
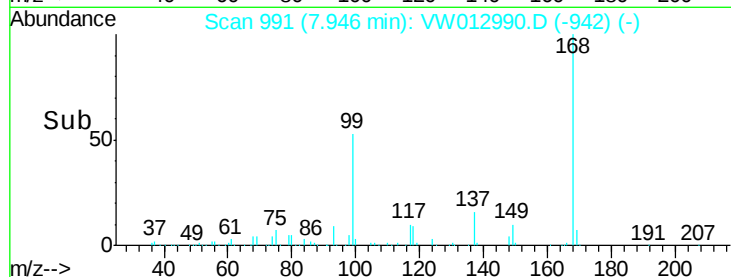
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 1.608 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW012990.D

Acq: 14 Sep 2019 13:46

Tgt Ion: 84 Resp: 13628

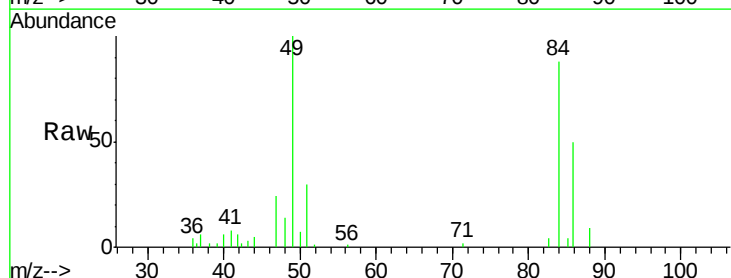
Ion Ratio Lower Upper

84 100

49 113.5 102.0 153.0

51 34.0 34.0 51.0#

86 56.4 48.5 72.7



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

8000

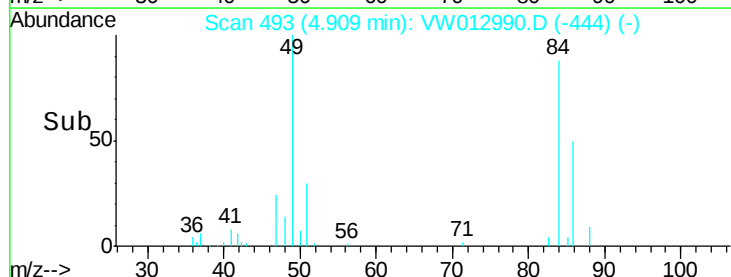
6000

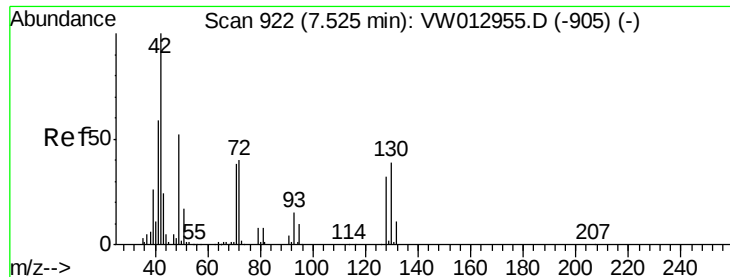
4000

2000

0

Time--> 4.80 4.90 5.00

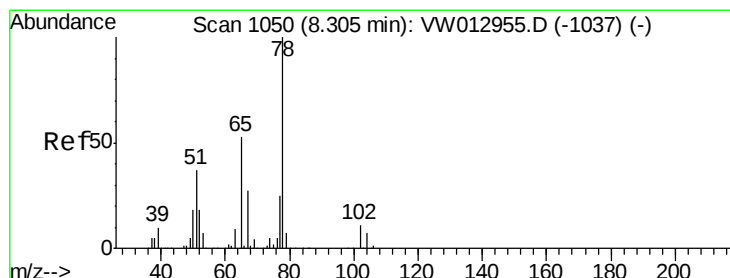
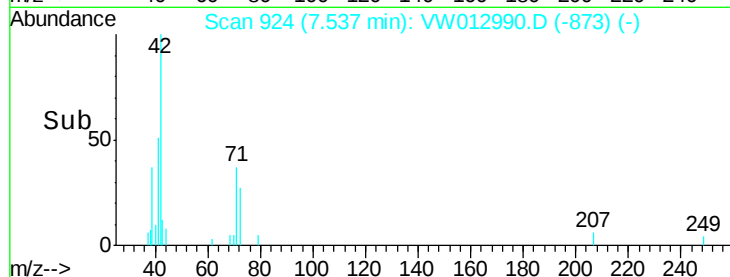
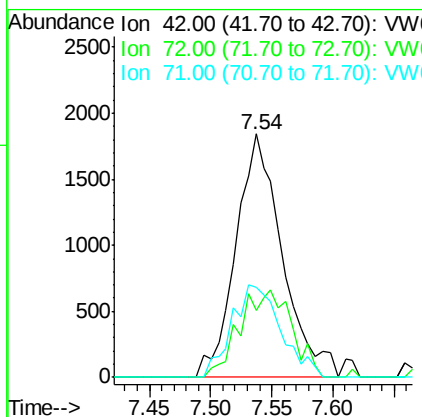
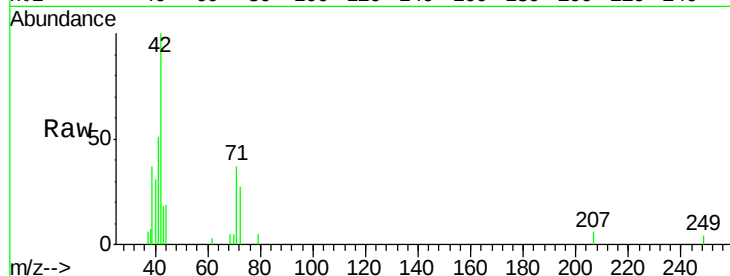




#29
Tetrahydrofuran
Concen: 10.545 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012990.D
Acq: 14 Sep 2019 13:46

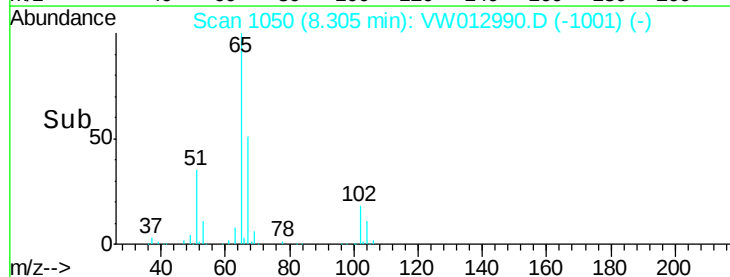
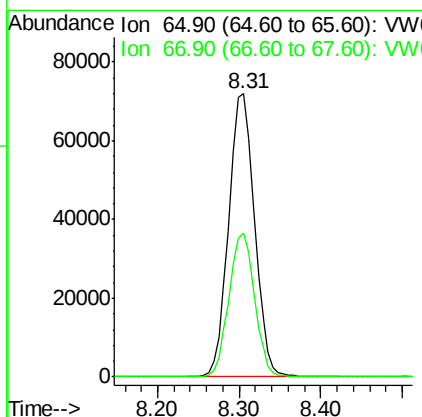
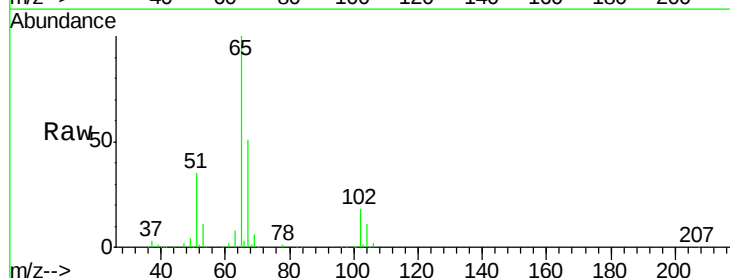
Instrument :
MSVOA_W
ClientSampleId :
T4-4(1.5)-BRUCKNERRE

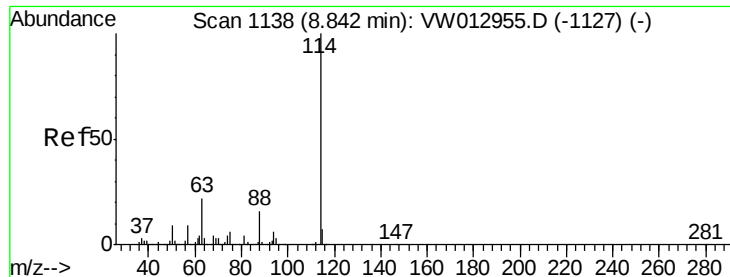
Tot Ion: 42 Resp: 4863
Ion Ratio Lower Upper
42 100
72 40.1 31.4 47.0
71 40.0 29.8 44.8



#33
1,2-Dichloroethane-d4
Concen: 61.856 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012990.D
Acq: 14 Sep 2019 13:46

Tgt Ion: 65 Resp: 157443
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012990.D

Acq: 14 Sep 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

T4-4-(1.5)-BRUCKNERRE

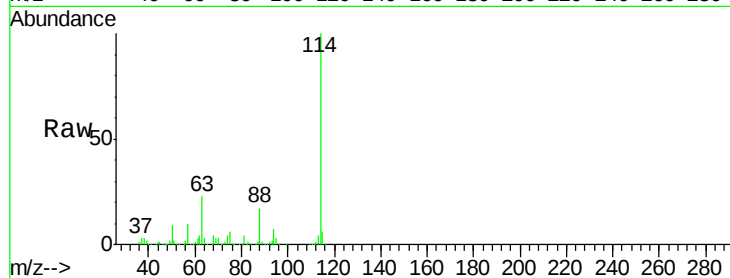
Tot Ion:114 Resp: 423191

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

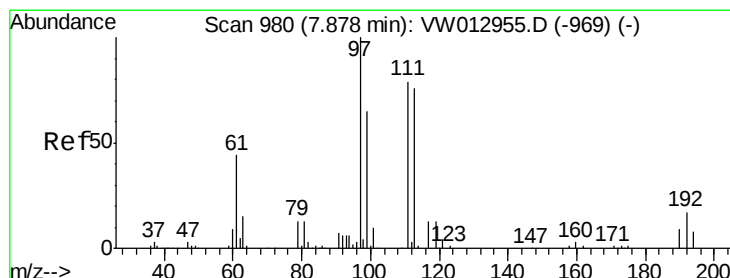
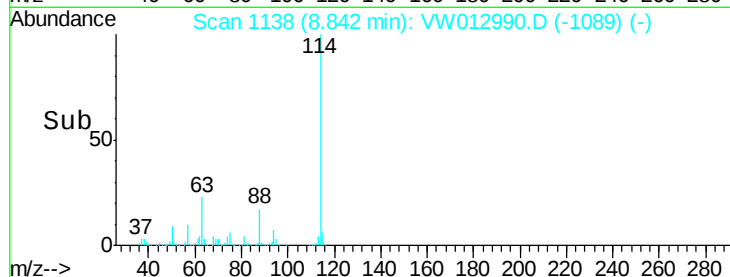
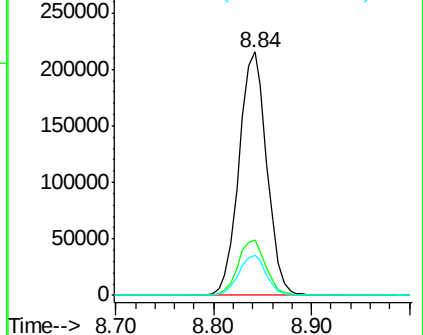
88 16.7 0.0 31.6



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: 55.238 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW012990.D

Acq: 14 Sep 2019 13:46

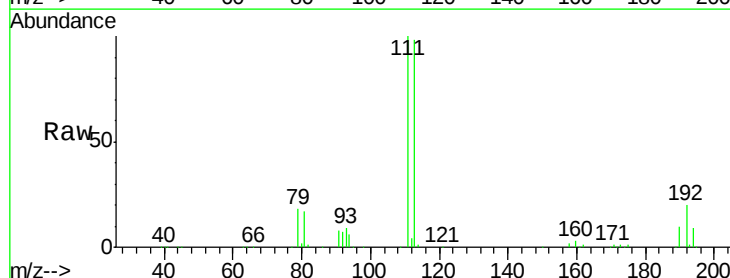
Tgt Ion:113 Resp: 126843

Ion Ratio Lower Upper

113 100

111 104.9 82.8 124.2

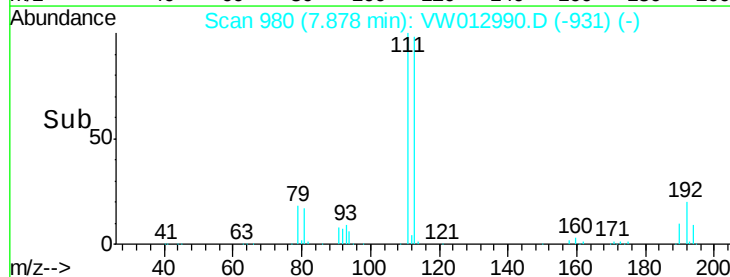
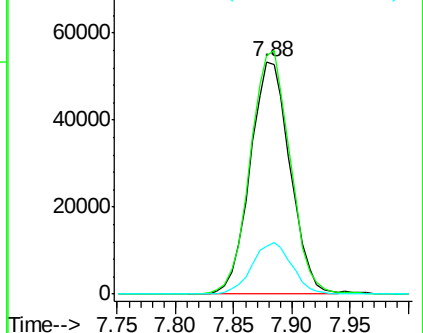
192 22.3 17.8 26.8

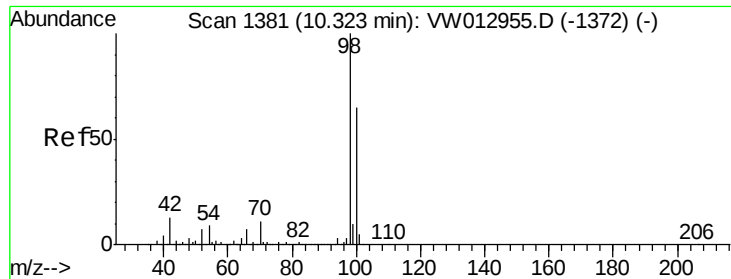


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.158 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012990.D

Acq: 14 Sep 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

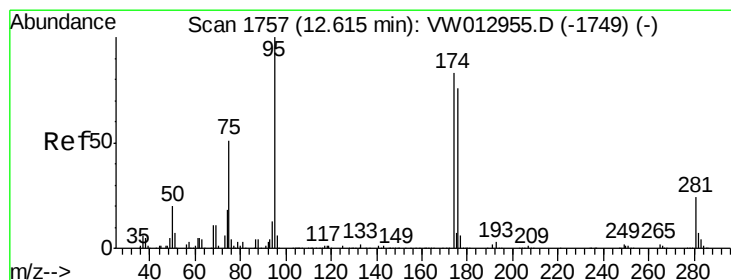
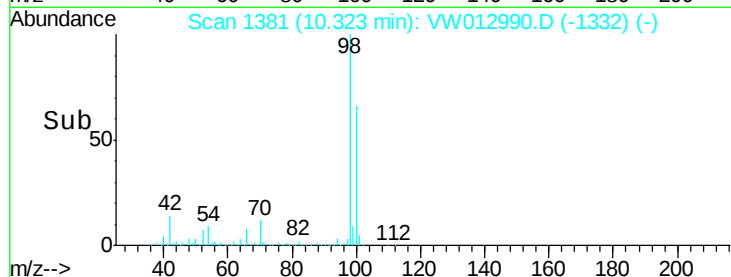
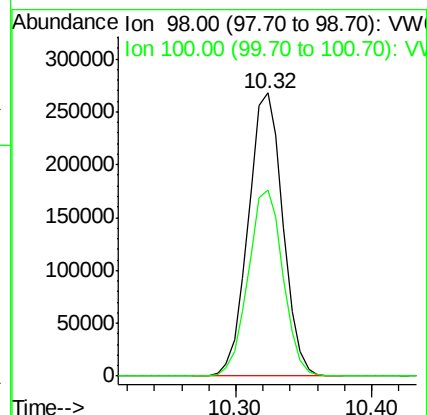
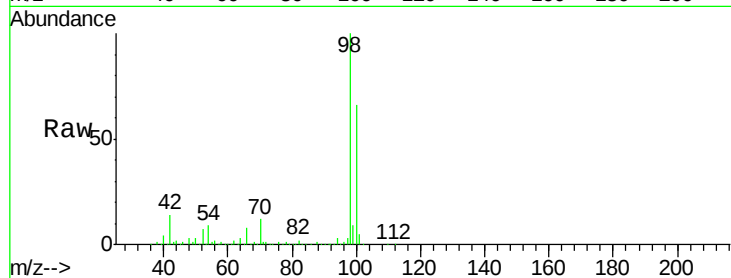
T4-4-(1.5)-BRUCKNERRE

Tot Ion: 98 Resp: 477661

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 37.199 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012990.D

Acq: 14 Sep 2019 13:46

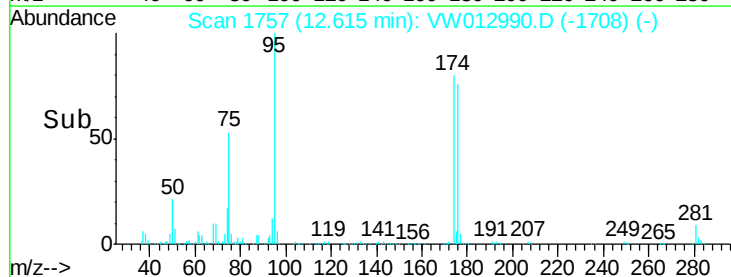
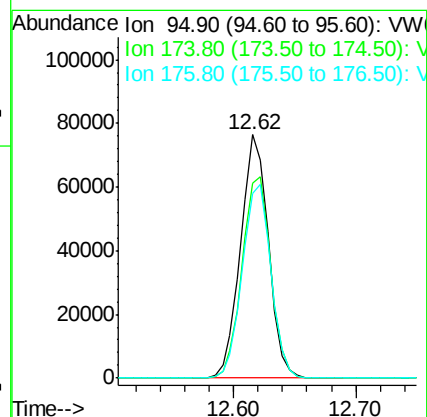
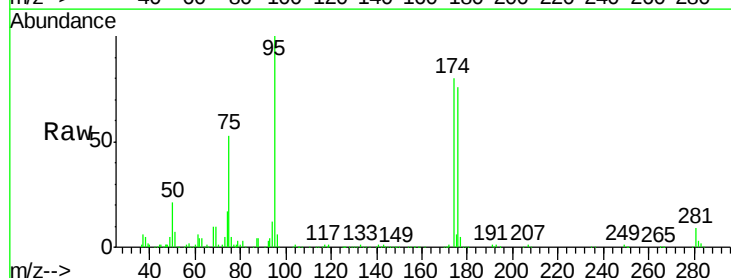
Tgt Ion: 95 Resp: 120191

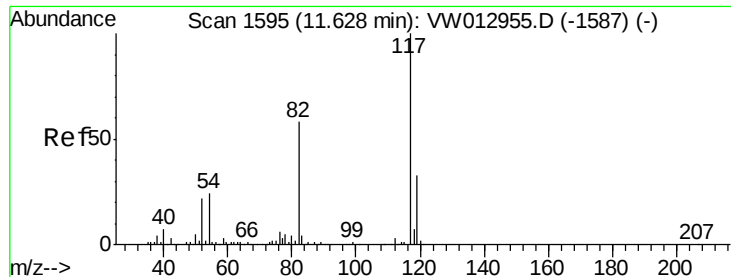
Ion Ratio Lower Upper

95 100

174 85.5 0.0 170.4

176 82.2 0.0 164.6

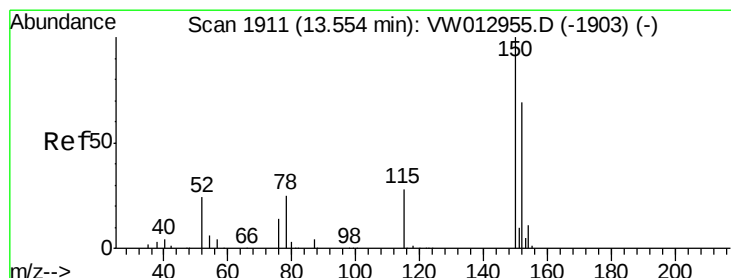
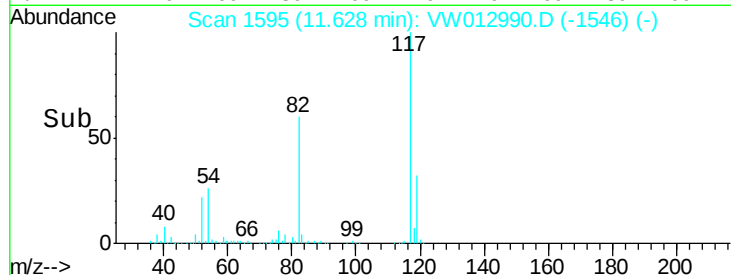
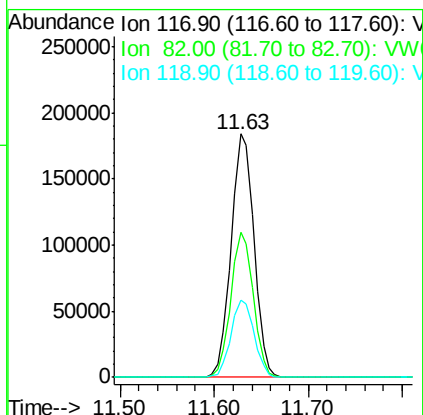
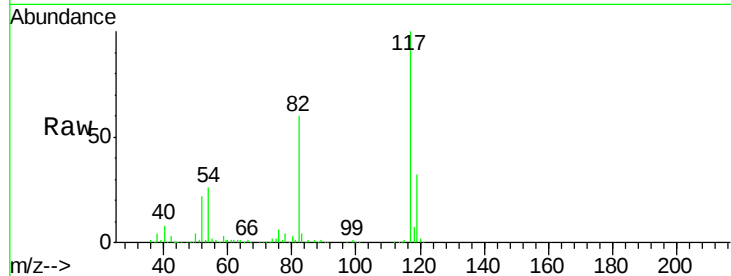




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW012990.D
Acq: 14 Sep 2019 13:46

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-BRUCKNERRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	46.3	69.5
119	31.7	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW012990.D
Acq: 14 Sep 2019 13:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.8	86.4
150	154.3	0.0	340.2

