

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091119\
 Data File : VW012923.D
 Acq On : 11 Sep 2019 18:29
 Operator : SY/VA
 Sample : K4680-07
 Misc : 6.62G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-4-(1.5)

Quant Time: Sep 12 08:27:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

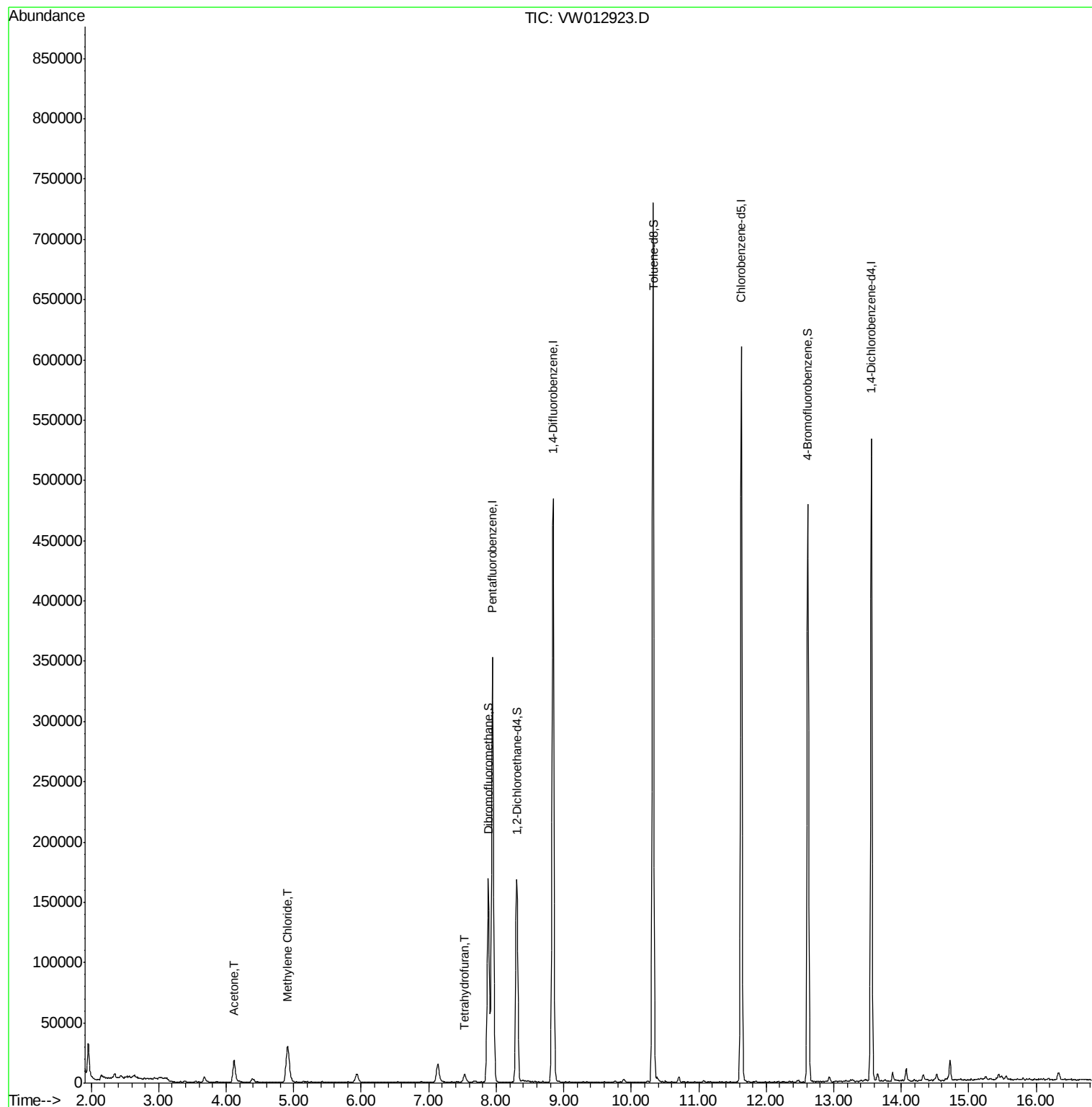
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	403073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	144275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	140542	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
35) Dibromofluoromethane	7.88	113	117455	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.32	98	475180	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.62	95	150794	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
Target Compounds						
16) Acetone	4.12	43	31172	37.983	ug/l #	89
20) Methylene Chloride	4.91	84	24084	9.380	ug/l	89
29) Tetrahydrofuran	7.53	42	6009	9.067	ug/l	97

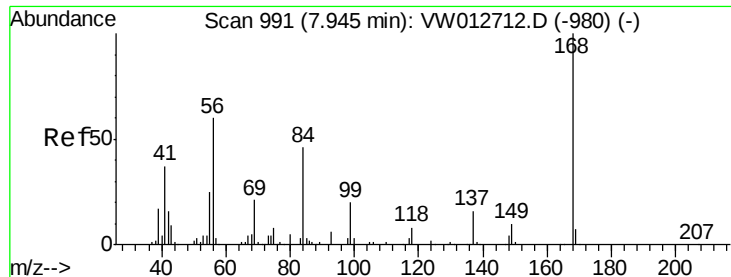
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091119\
Data File : VW012923.D
Acq On : 11 Sep 2019 18:29
Operator : SY/VA
Sample : K4680-07
Misc : 6.62G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T1-4-(1.5)

Quant Time: Sep 12 08:27:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 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: VW012923.D

Acq: 11 Sep 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

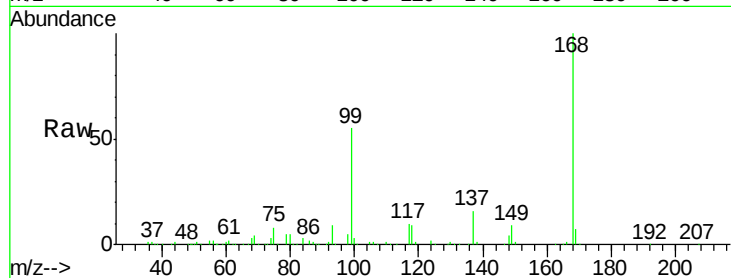
T1-4-(1.5)

Tot Ion:168 Resp: 269423

Ion Ratio Lower Upper

168 100

99 55.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

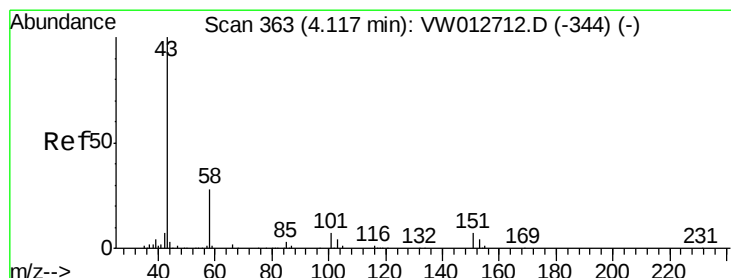
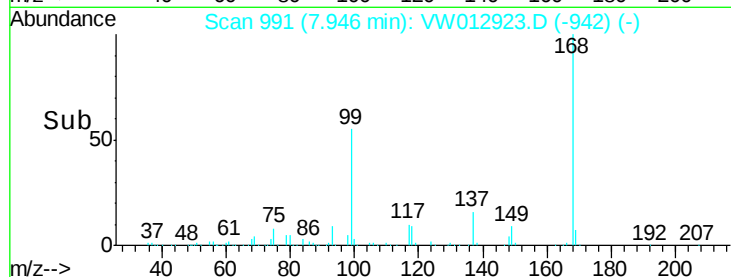
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 37.983 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW012923.D

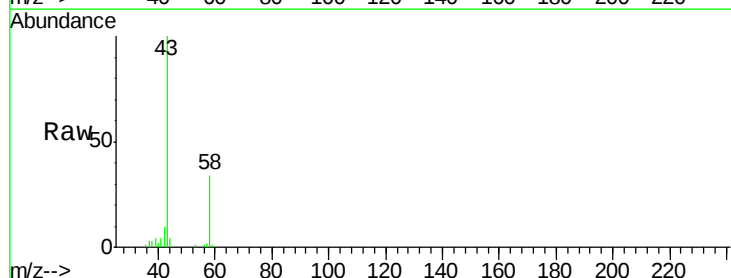
Acq: 11 Sep 2019 18:29

Tgt Ion: 43 Resp: 31172

Ion Ratio Lower Upper

43 100

58 34.1 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

12000

10000

8000

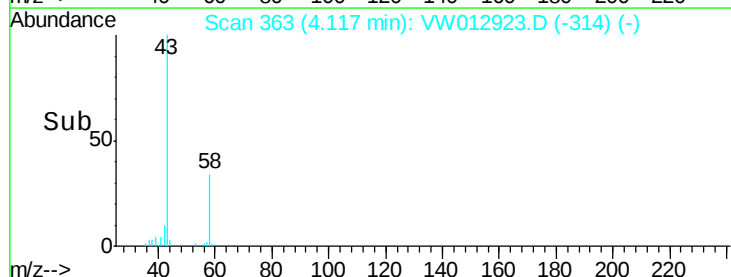
6000

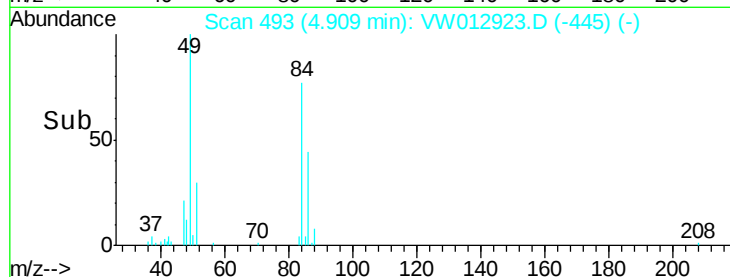
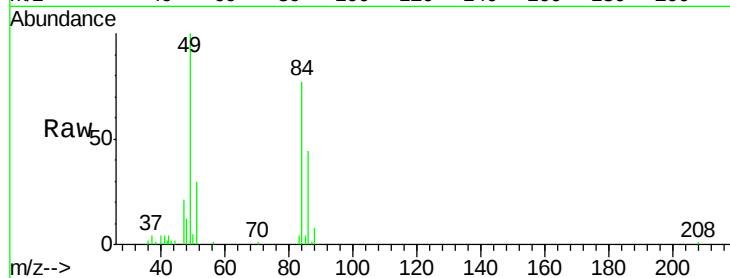
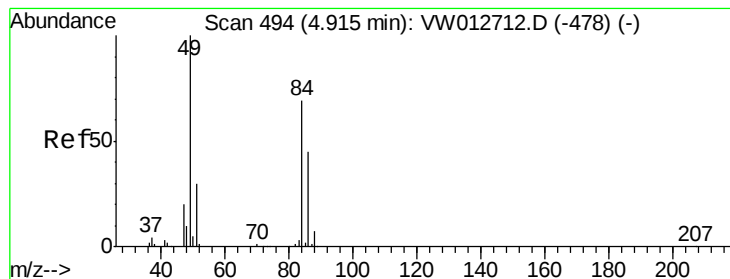
4000

2000

0

Time--> 4.00 4.10 4.20 4.30





#20

Methylene Chloride

Concen: 9.380 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012923.D

Acq: 11 Sep 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

T1-4-(1.5)

Tot Ion: 84 Resp: 24084

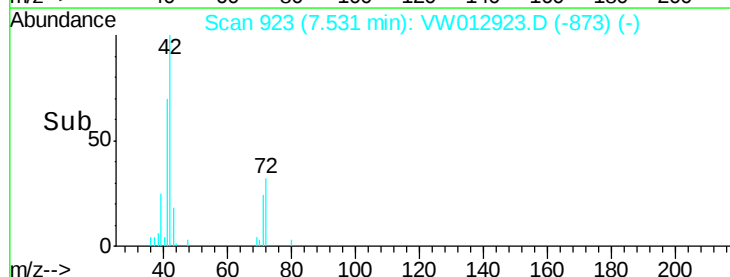
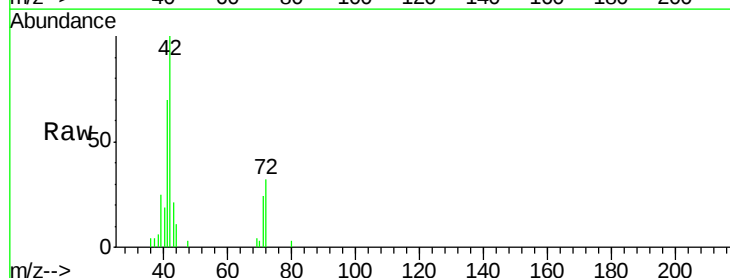
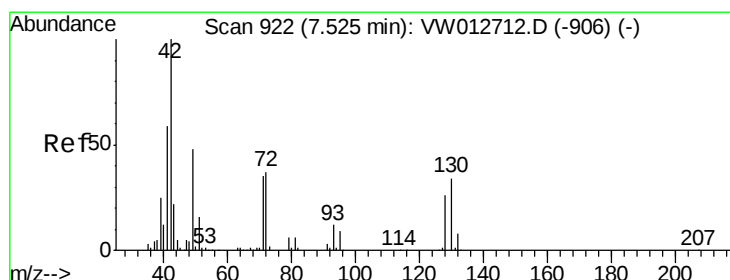
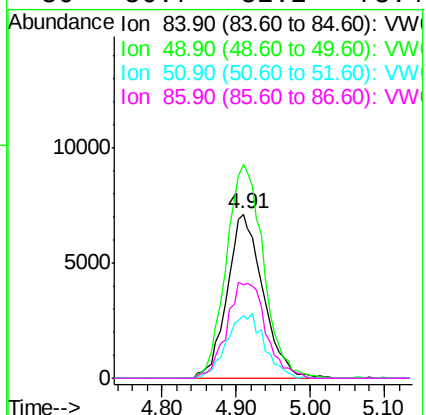
Ion Ratio Lower Upper

84 100

49 129.9 115.4 173.0

51 38.3 34.9 52.3

86 56.7 52.2 78.4



#29

Tetrahydrofuran

Concen: 9.067 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW012923.D

Acq: 11 Sep 2019 18:29

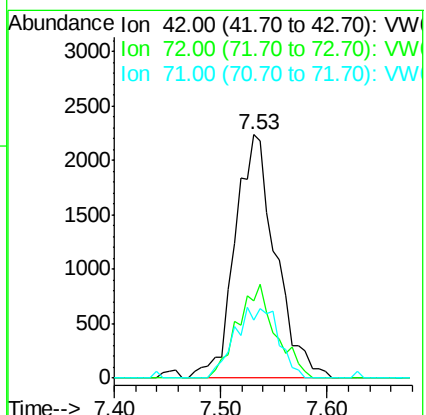
Tgt Ion: 42 Resp: 6009

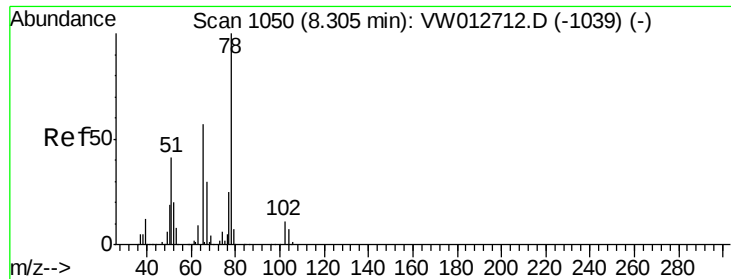
Ion Ratio Lower Upper

42 100

72 35.9 28.4 42.6

71 31.3 27.1 40.7





#33

1,2-Dichloroethane-d4

Concen: 46.686 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012923.D

Acq: 11 Sep 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

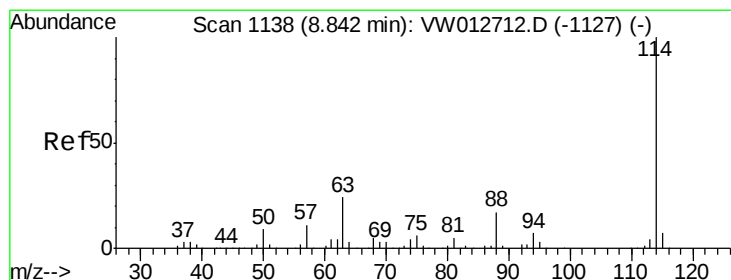
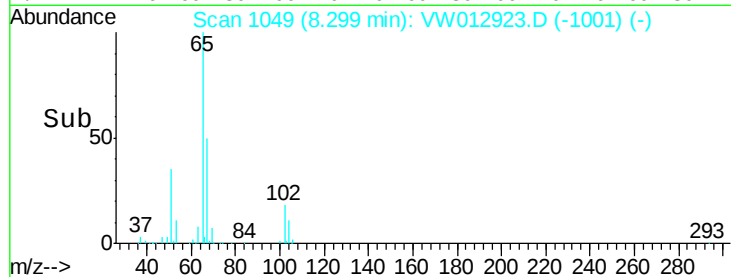
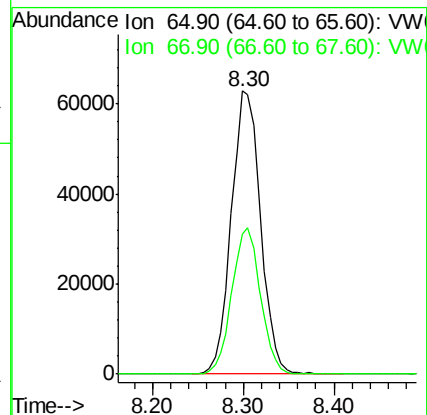
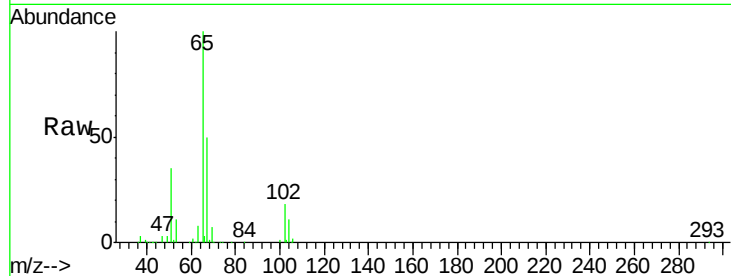
T1-4-(1.5)

Tot Ion: 65 Resp: 140542

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012923.D

Acq: 11 Sep 2019 18:29

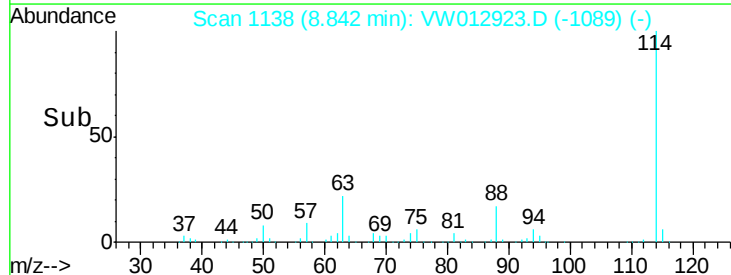
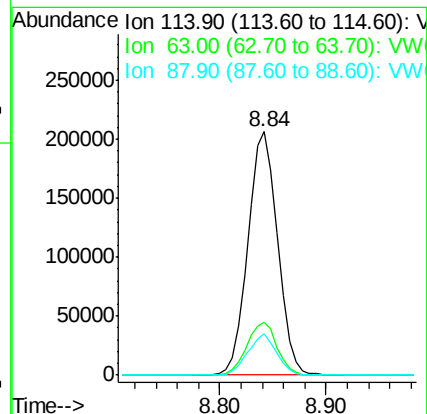
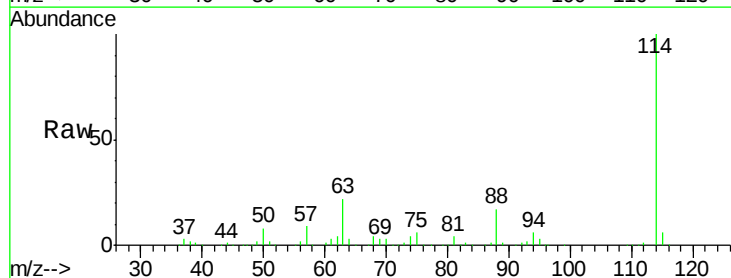
Tgt Ion: 114 Resp: 403073

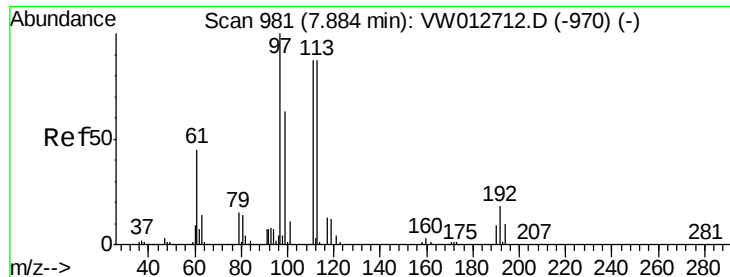
Ion Ratio Lower Upper

114 100

63 21.9 0.0 47.2

88 16.8 0.0 34.0

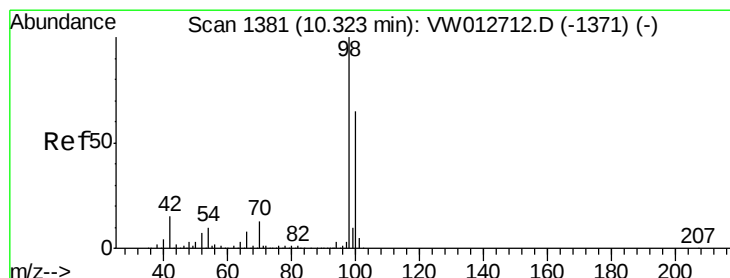
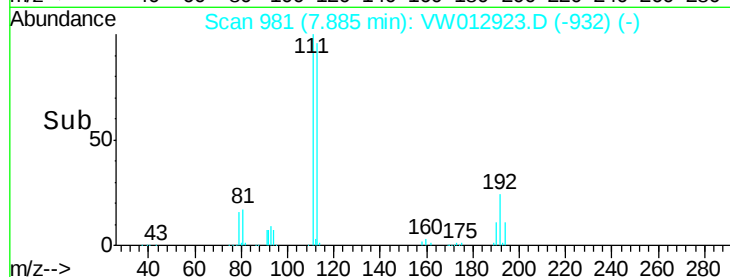
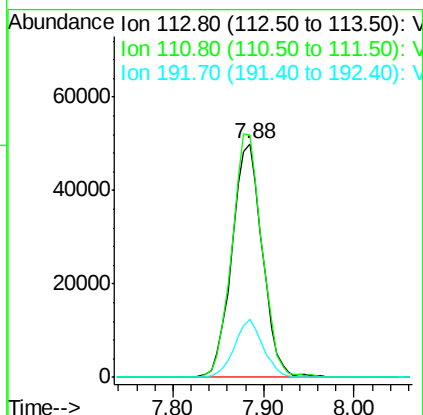
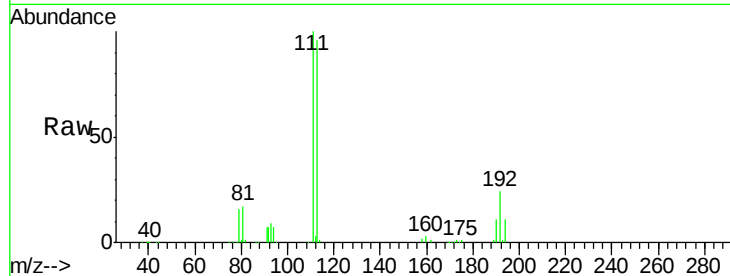




#35
Dibromofluoromethane
Concen: 49.013 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW012923.D
Acq: 11 Sep 2019 18:29

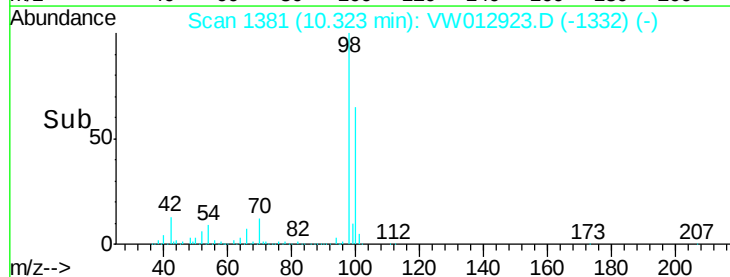
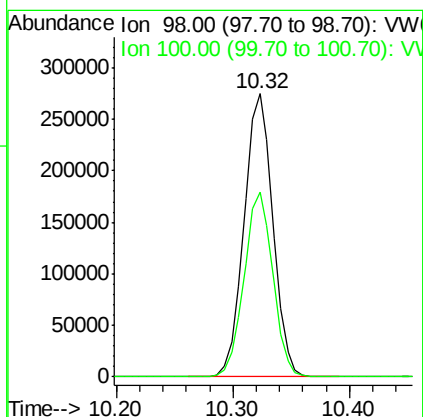
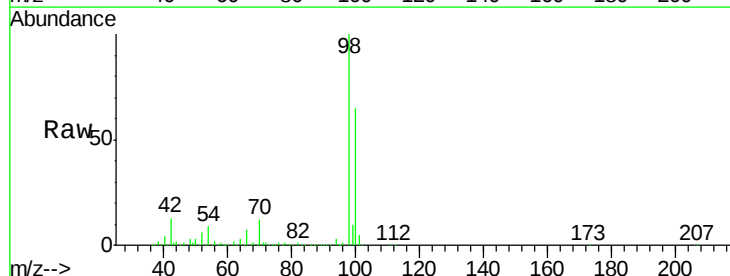
Instrument :
MSVOA_W
ClientSampleId :
T1-4-(1.5)

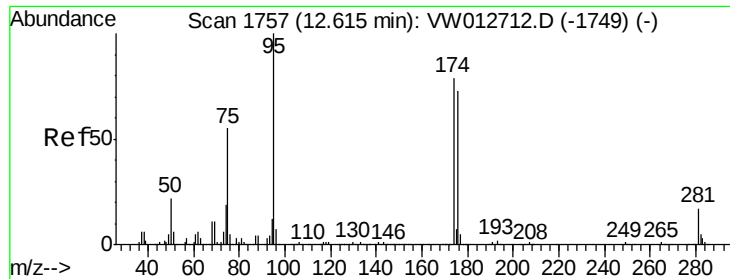
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.2	120.4
192	23.2	17.3	25.9



#50
Toluene-d8
Concen: 50.613 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012923.D
Acq: 11 Sep 2019 18:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.4

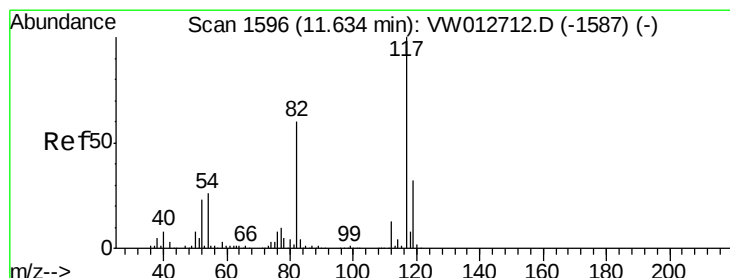
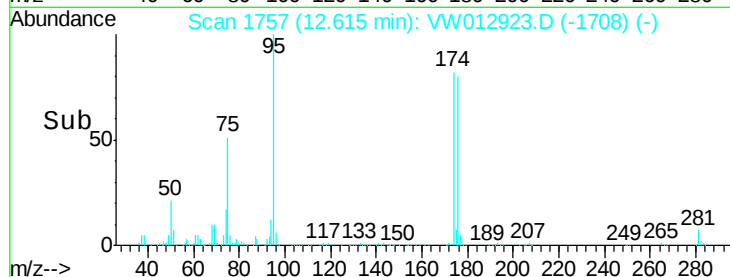
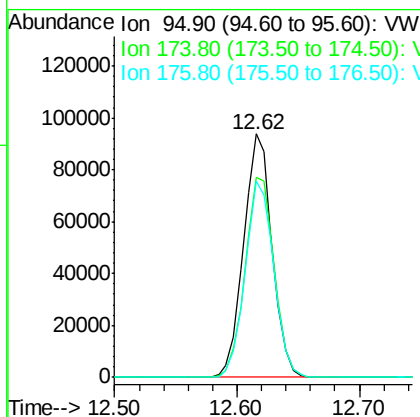
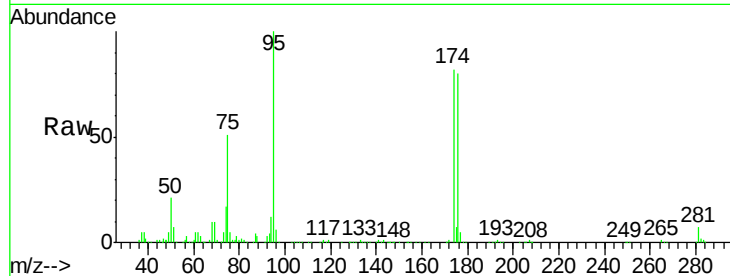




#62
4-Bromofluorobenzene
Concen: 44.243 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012923.D
Acq: 11 Sep 2019 18:29

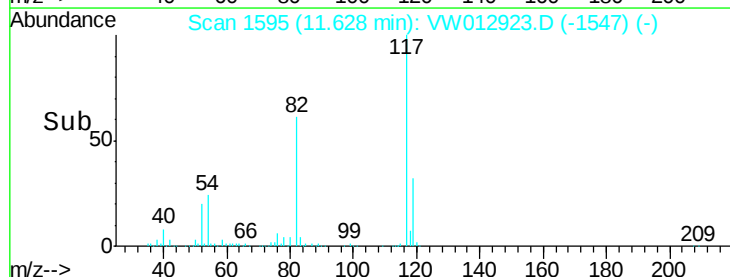
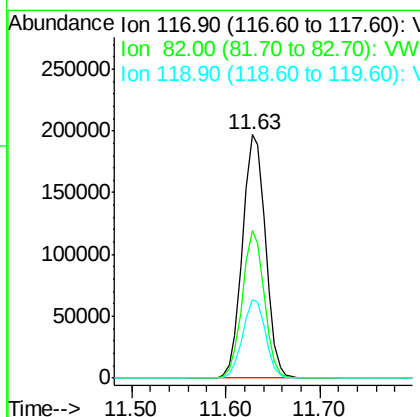
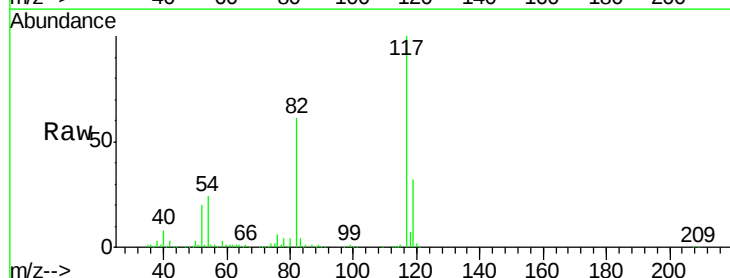
Instrument :
MSVOA_W
ClientSampleId :
T1-4-(1.5)

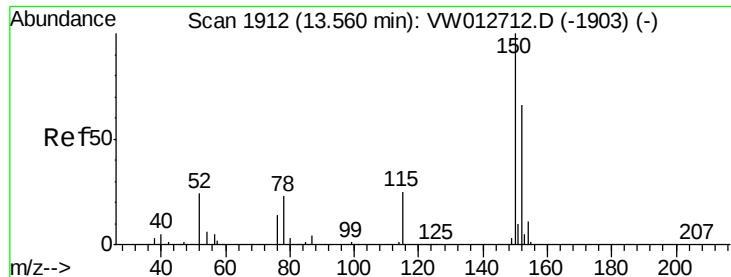
Tot Ion	95	Resp	150794
Ion Ratio	Lower	Upper	
95	100		
174	84.9	0.0	161.0
176	81.2	0.0	156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012923.D
Acq: 11 Sep 2019 18:29

Tgt Ion	117	Resp	337210
Ion Ratio	Lower	Upper	
117	100		
82	60.6	48.2	72.4
119	32.4	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012923.D

Acq: 11 Sep 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

T1-4-(1.5)

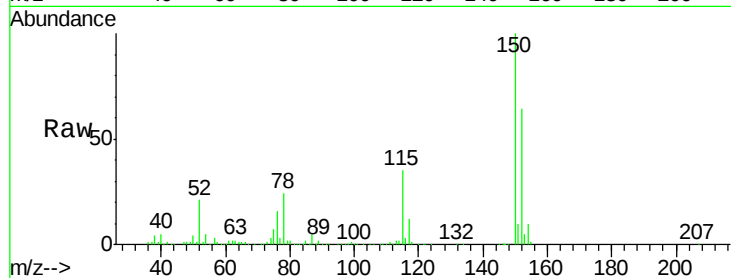
Tot Ion:152 Resp: 144275

Ion Ratio Lower Upper

152 100

115 56.2 30.0 90.1

150 155.7 0.0 349.0



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

