

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013028.D
 Acq On : 15 Sep 2019 07:53
 Operator : SY/VA
 Sample : K4857-05
 Misc : 5.30G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-1

Quant Time: Sep 16 09:39:24 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

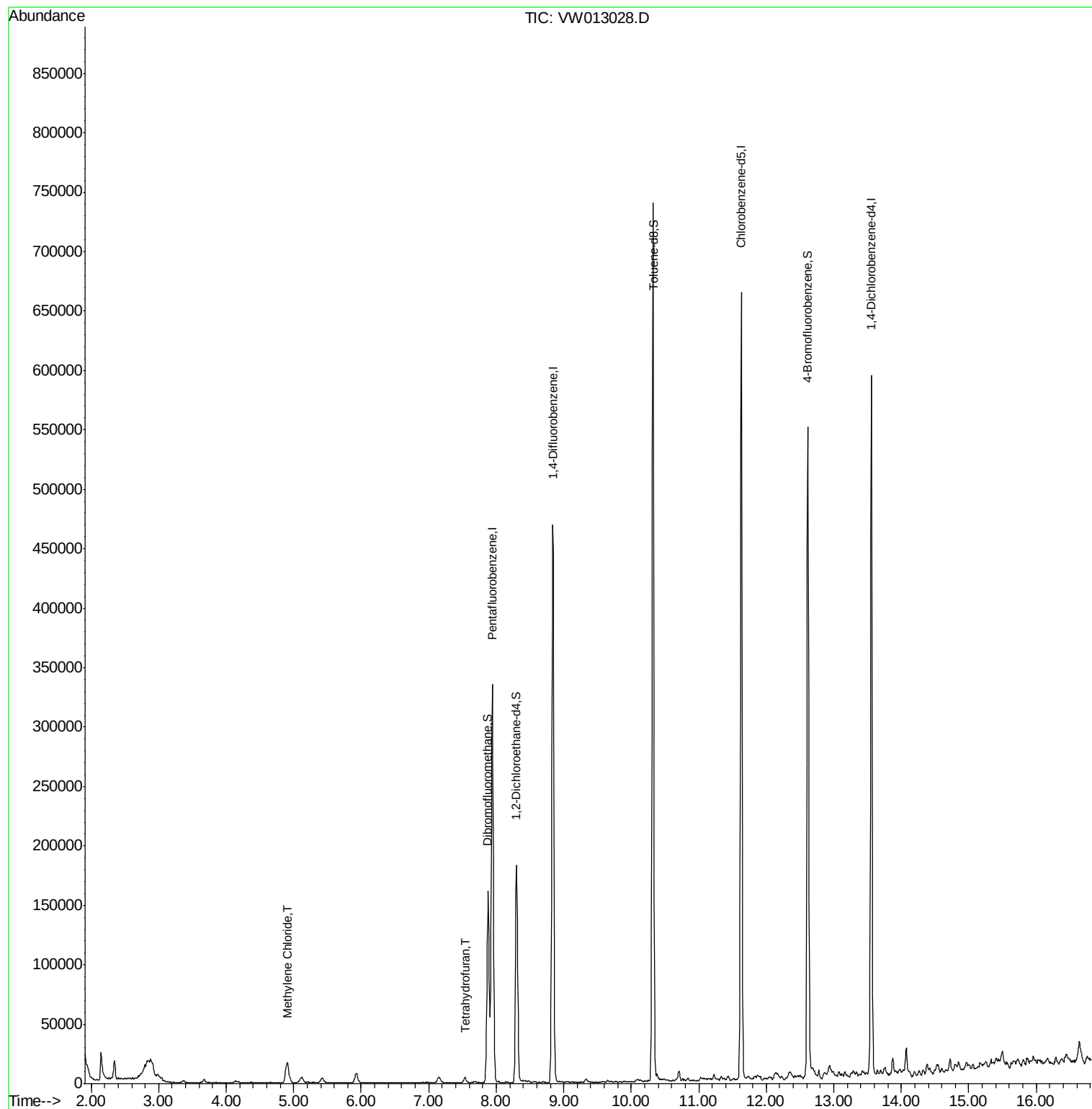
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	152875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	150767	61.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.98%	
35) Dibromofluoromethane	7.88	113	115534	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
50) Toluene-d8	10.32	98	490285	58.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.40%	
62) 4-Bromofluorobenzene	12.62	95	165243	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
Target Compounds						
20) Methylene Chloride	4.90	84	13281	1.755	ug/l #	92
29) Tetrahydrofuran	7.54	42	3665	8.318	ug/l #	91

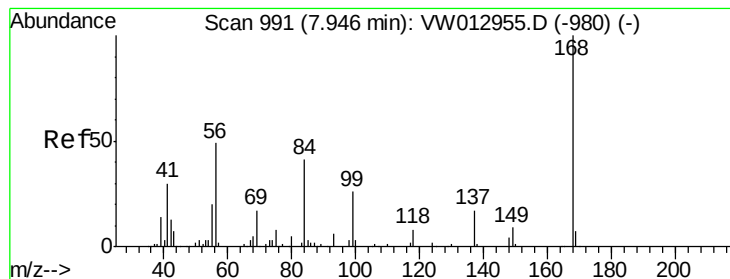
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
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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: VW013028.D

Acq: 15 Sep 2019 07:53

Instrument :

MSVOA_W

ClientSampled :

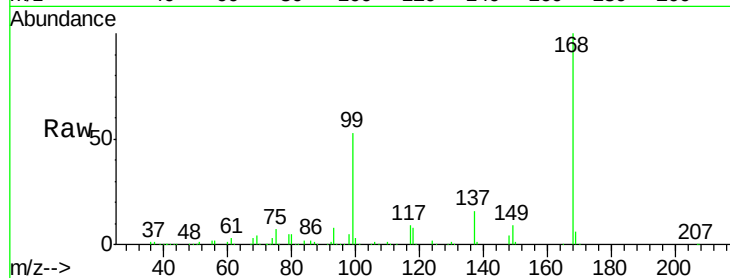
SP-1

Tot Ion:168 Resp: 263326

Ion Ratio Lower Upper

168 100

99 52.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

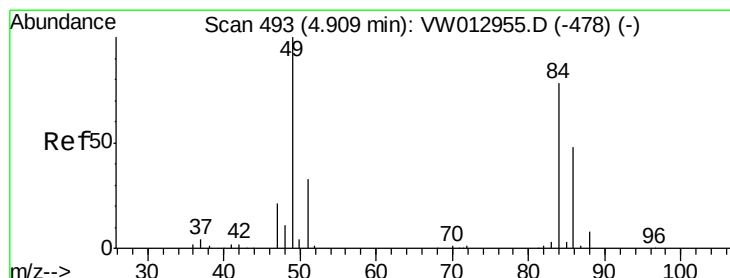
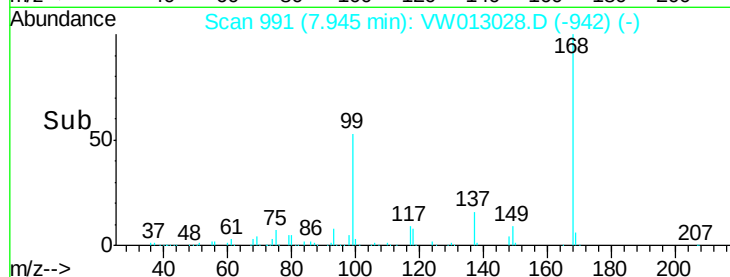
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 1.755 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW013028.D

Acq: 15 Sep 2019 07:53

Tgt Ion: 84 Resp: 13281

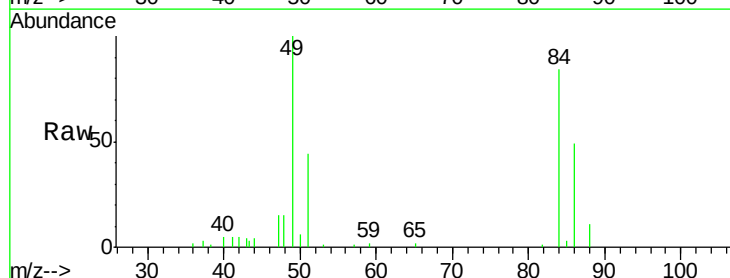
Ion Ratio Lower Upper

84 100

49 119.5 102.0 153.0

51 52.2 34.0 51.0#

86 58.1 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

4.90

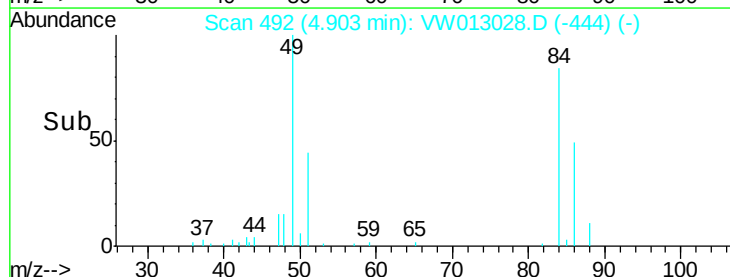
6000

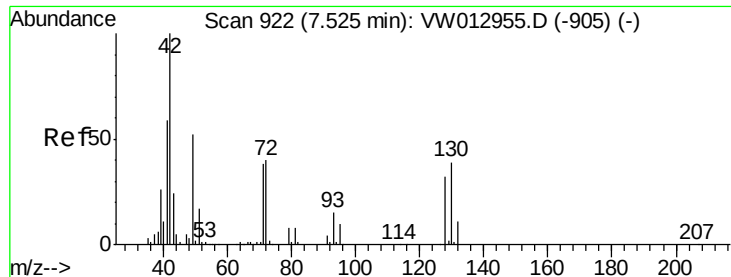
4000

2000

0

Time--> 4.80 4.90 5.00

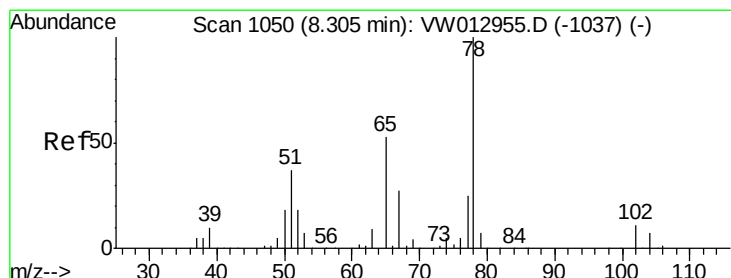
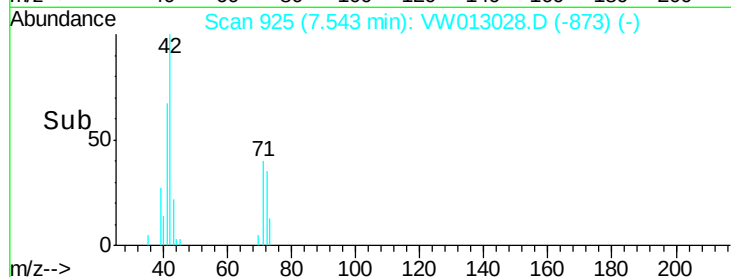
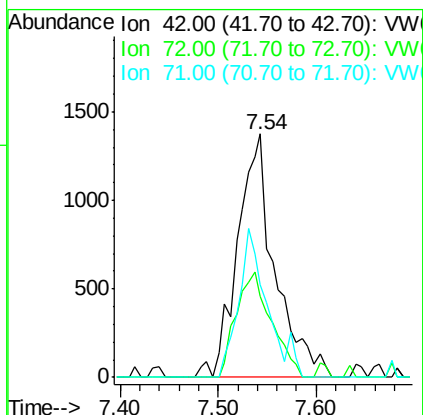
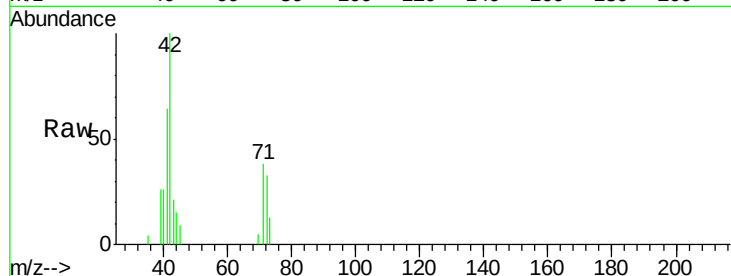




#29
Tetrahydrofuran
Concen: 8.318 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: VW013028.D
Acq: 15 Sep 2019 07:53

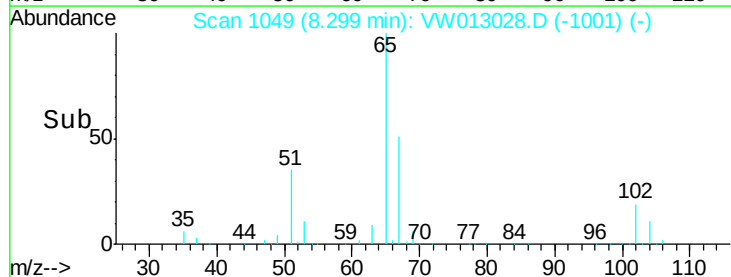
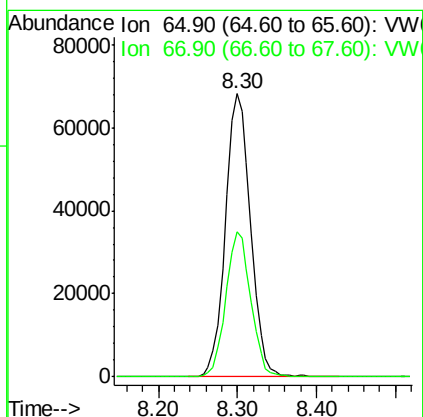
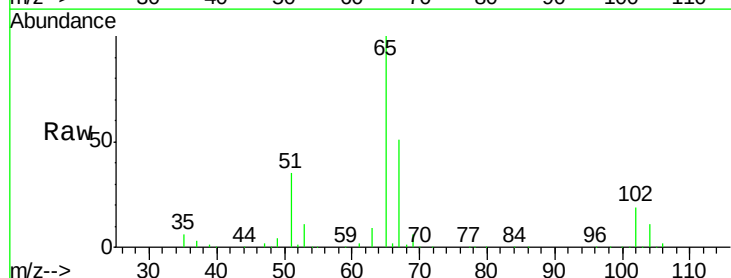
Instrument :
MSVOA_W
ClientSampleId :
SP-1

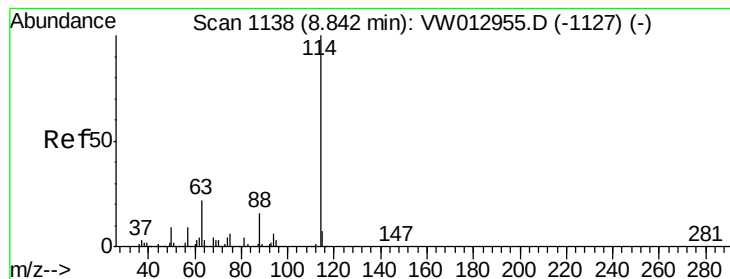
Tot Ion: 42 Resp: 3665
Ion Ratio Lower Upper
42 100
72 40.7 31.4 47.0
71 46.8 29.8 44.8#



#33
1,2-Dichloroethane-d4
Concen: 61.993 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW013028.D
Acq: 15 Sep 2019 07:53

Tgt Ion: 65 Resp: 150767
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW013028.D

Acq: 15 Sep 2019 07:53

Instrument :

MSVOA_W

ClientSampled :

SP-1

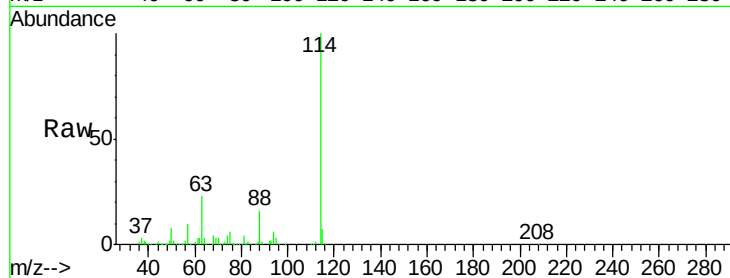
Tot Ion:114 Resp: 393386

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

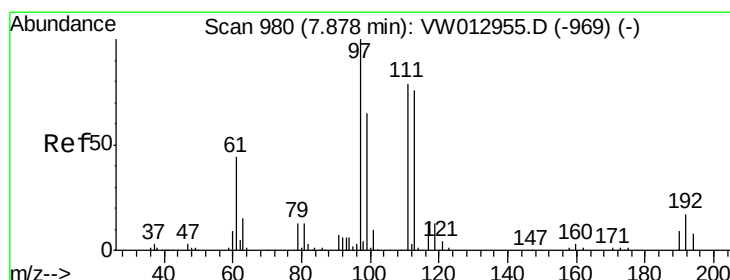
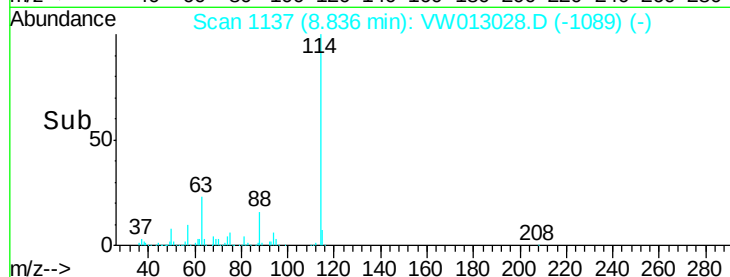
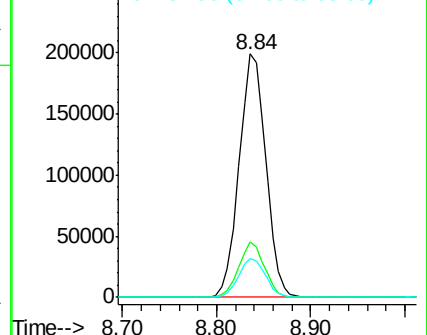
88 15.7 0.0 31.6



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: 54.125 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013028.D

Acq: 15 Sep 2019 07:53

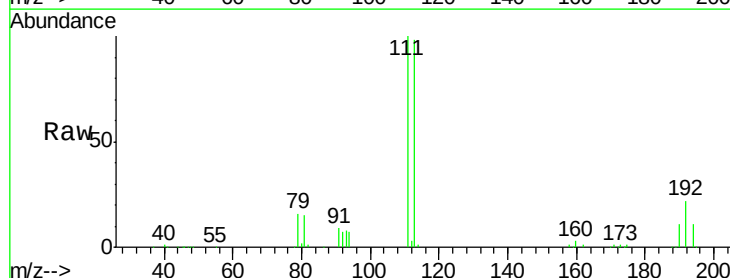
Tgt Ion:113 Resp: 115534

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

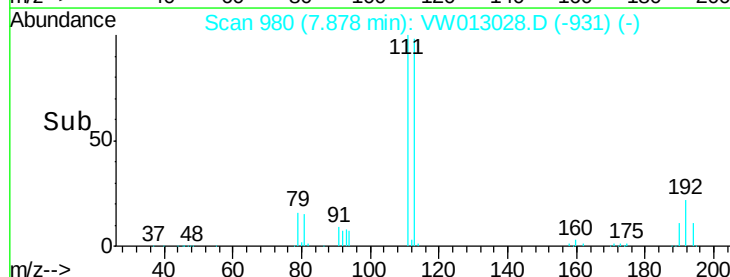
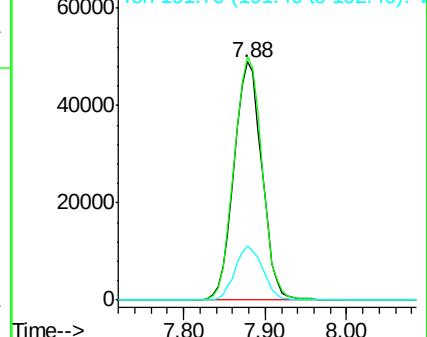
192 22.5 17.8 26.8

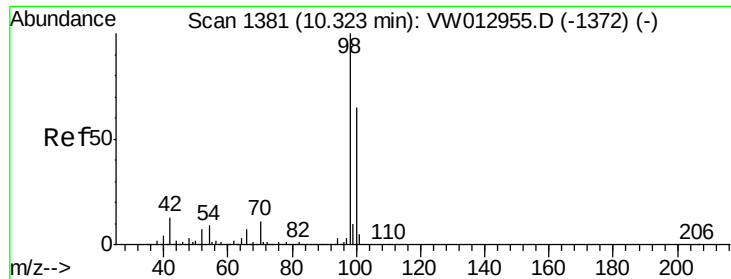


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 58.697 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013028.D

Acq: 15 Sep 2019 07:53

Instrument :

MSVOA_W

ClientSampleId :

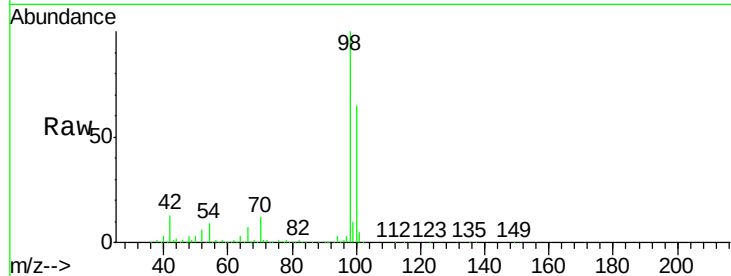
SP-1

Tot Ion: 98 Resp: 490285

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

150000

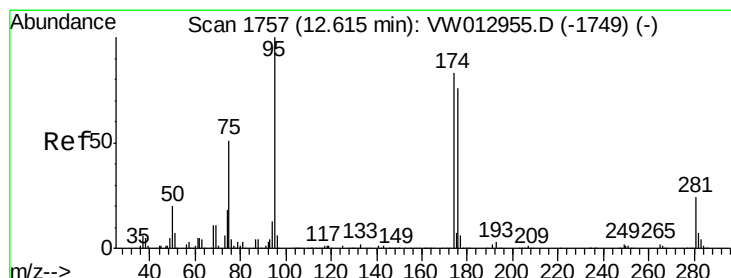
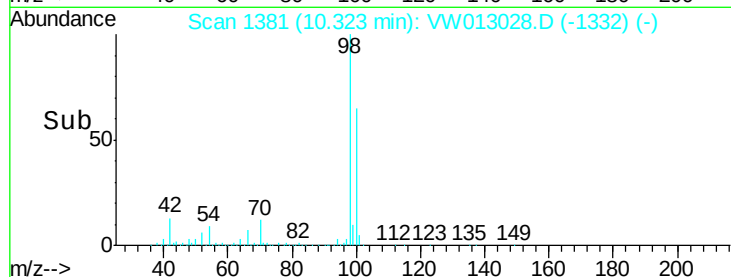
100000

50000

0

Time-->

10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 55.017 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013028.D

Acq: 15 Sep 2019 07:53

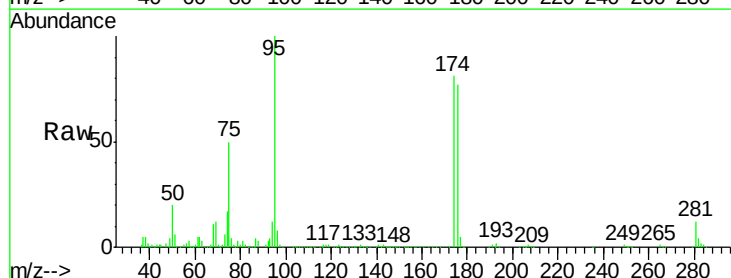
Tgt Ion: 95 Resp: 165243

Ion Ratio Lower Upper

95 100

174 84.4 0.0 170.4

176 81.1 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

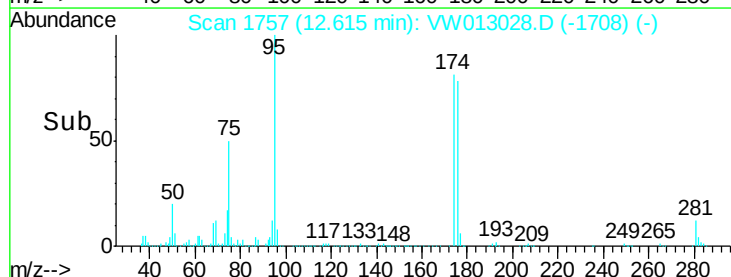
100000

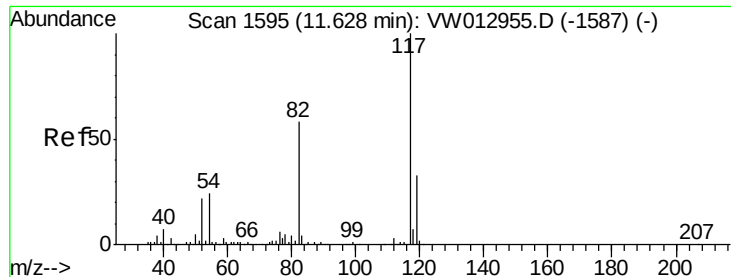
50000

0

Time-->

12.50 12.60 12.70

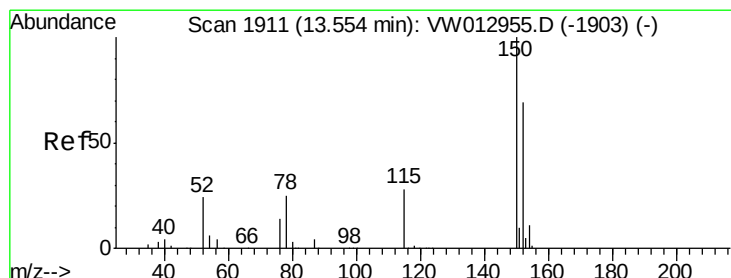
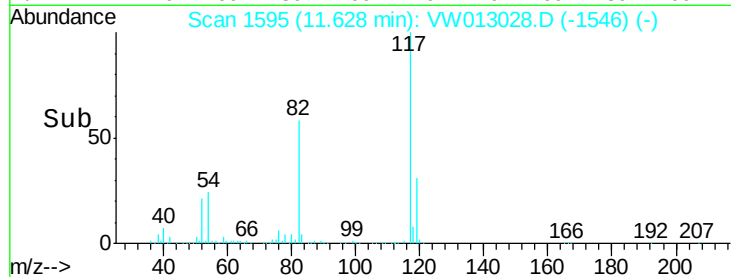
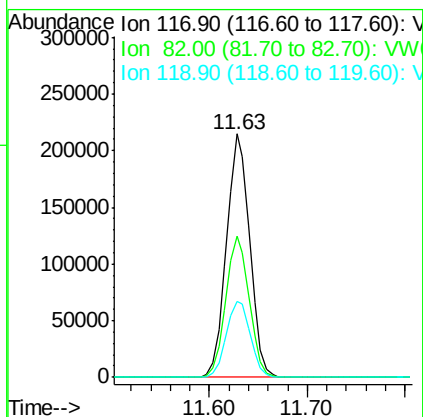
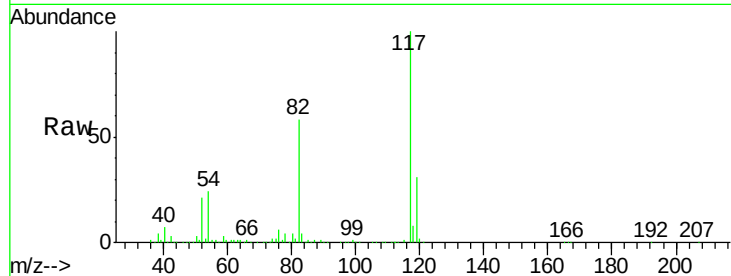




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013028.D
Acq: 15 Sep 2019 07:53

Instrument :
MSVOA_W
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.3	69.5
119	31.0	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: VW013028.D
Acq: 15 Sep 2019 07:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.8	86.4
150	156.7	0.0	340.2

