

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012089.D
 Acq On : 21 Aug 2019 23:45
 Operator : SY/VA
 Sample : K4403-11
 Misc : 5.23G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-G-(0)

Quant Time: Aug 22 07:08:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

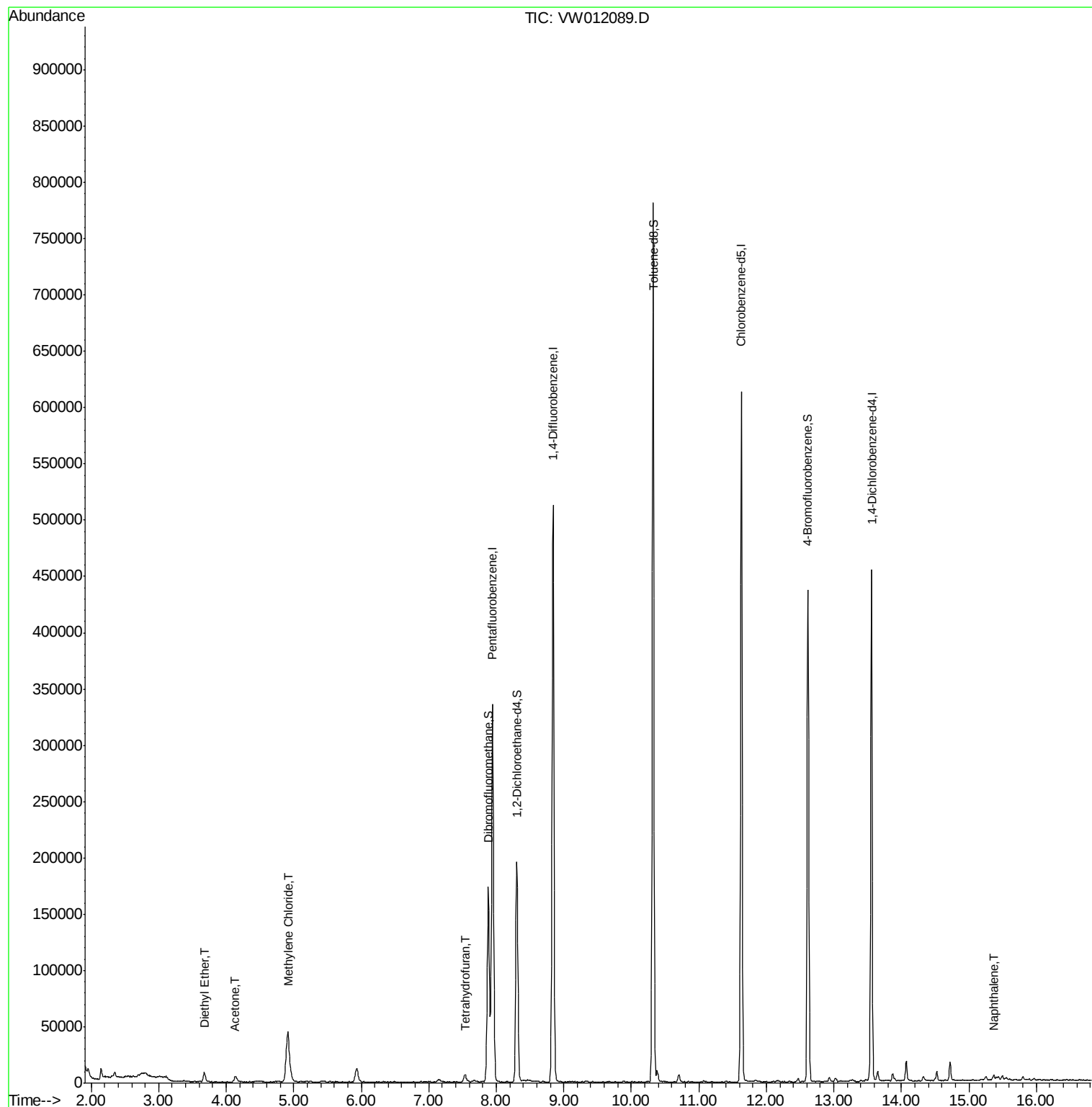
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	403489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	154322	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.62%	
35) Dibromofluoromethane	7.88	113	122990	54.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.66%	
50) Toluene-d8	10.32	98	486199	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.62	95	143482	43.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.84%	
Target Compounds						
8) Diethyl Ether	3.68	74	3818	2.713	ug/l	83
16) Acetone	4.14	43	9814	11.257	ug/l	96
20) Methylene Chloride	4.92	84	34470	11.464	ug/l	98
29) Tetrahydrofuran	7.54	42	5925	9.086	ug/l	98
95) Naphthalene	15.37	128	3419	2.796	ug/l #	94

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
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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: VW012089.D

Acq: 21 Aug 2019 23:45

Instrument :

MSVOA_W

ClientSampleId :

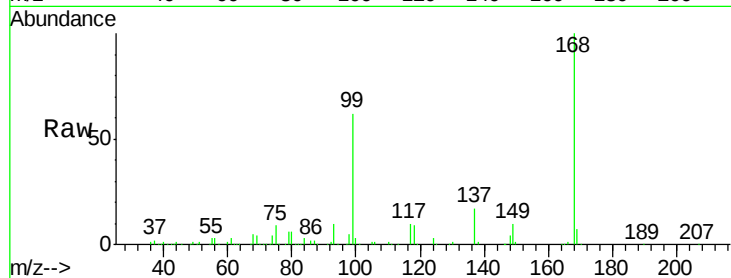
T1-G-(0)

Tot Ion:168 Resp: 238679

Ion Ratio Lower Upper

168 100

99 62.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

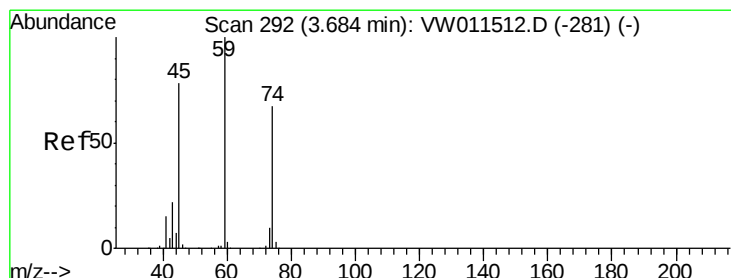
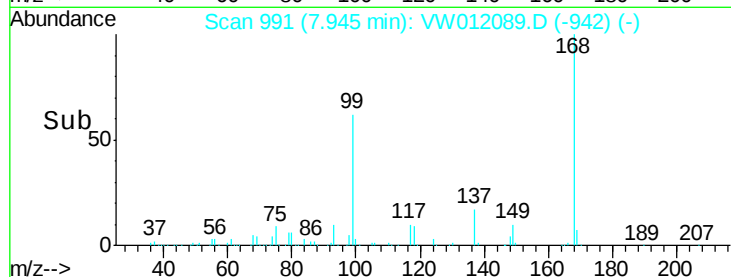
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.713 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW012089.D

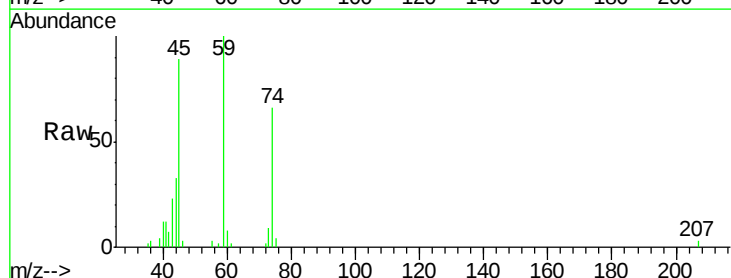
Acq: 21 Aug 2019 23:45

Tgt Ion: 74 Resp: 3818

Ion Ratio Lower Upper

74 100

45 138.3 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

2500

2000

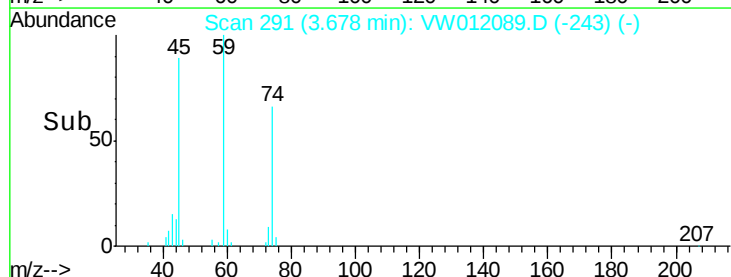
1500

1000

500

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 11.257 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012089.D

Acq: 21 Aug 2019 23:45

Instrument :

MSVOA_W

ClientSampleId :

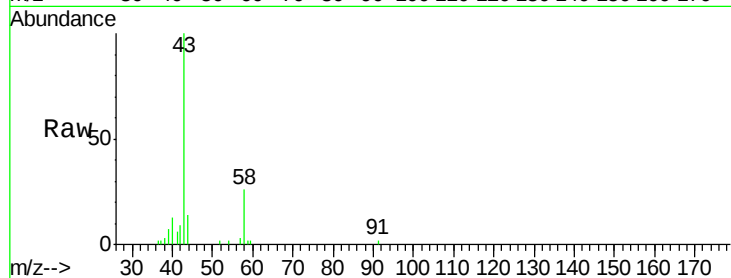
T1-G(0)

Tot Ion: 43 Resp: 9814

Ion Ratio Lower Upper

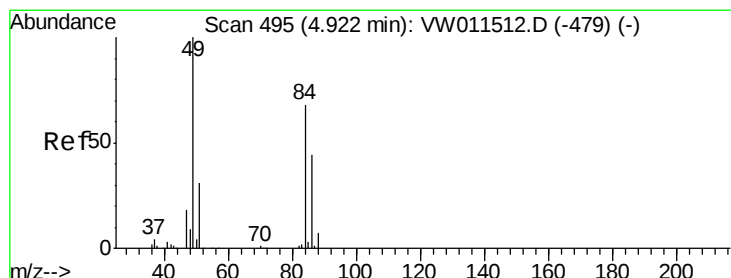
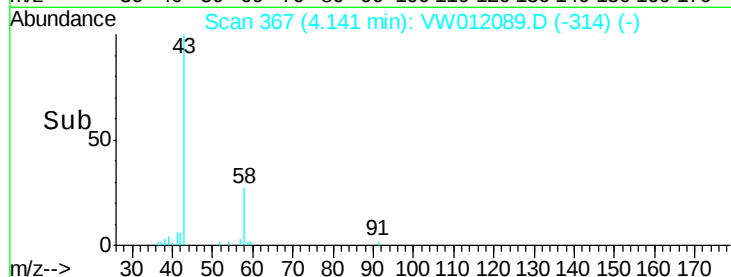
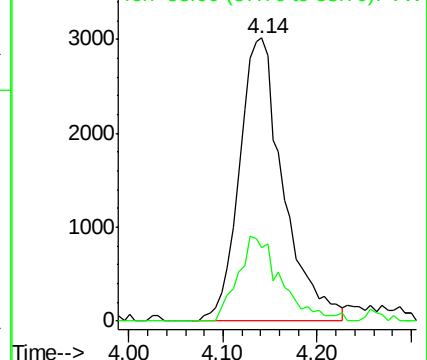
43 100

58 26.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 11.464 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012089.D

Acq: 21 Aug 2019 23:45

Tgt Ion: 84 Resp: 34470

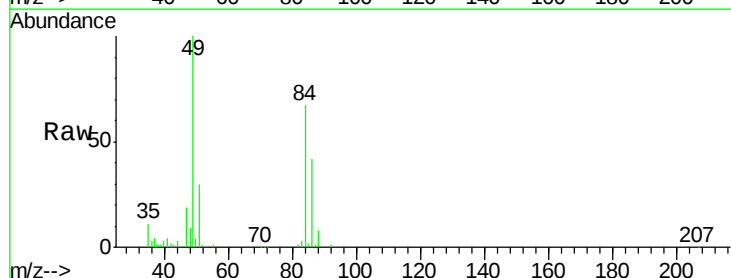
Ion Ratio Lower Upper

84 100

49 149.0 117.8 176.6

51 45.1 37.0 55.4

86 62.4 51.8 77.8

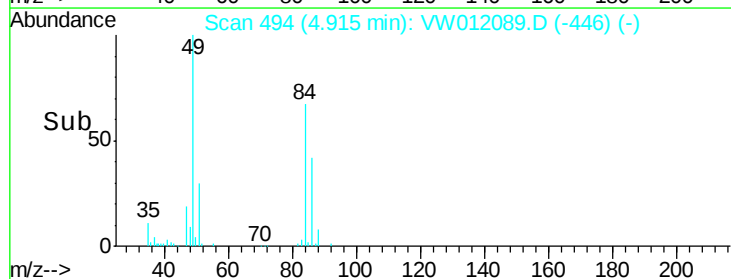
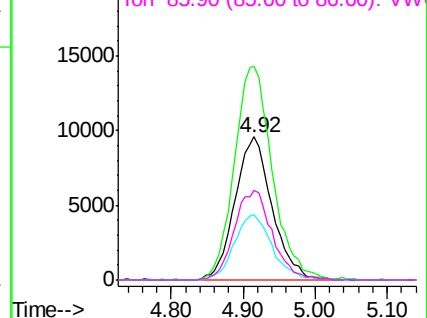


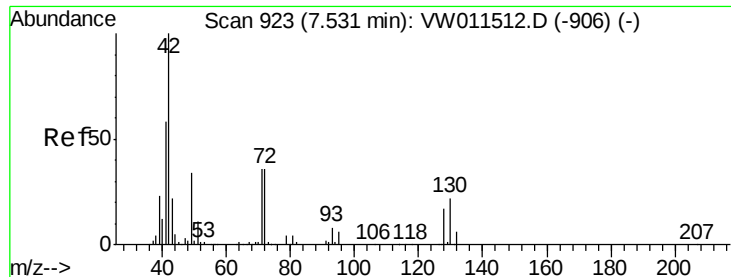
Abundance Ion 83.90 (83.60 to 84.60): VW

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

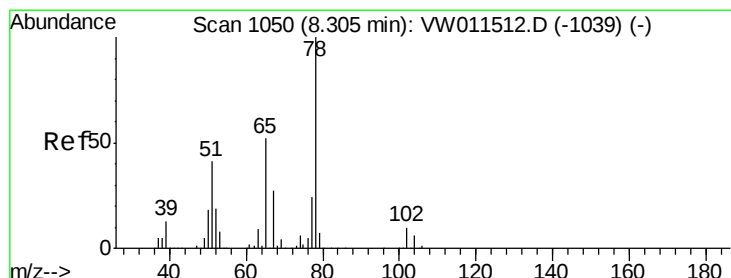
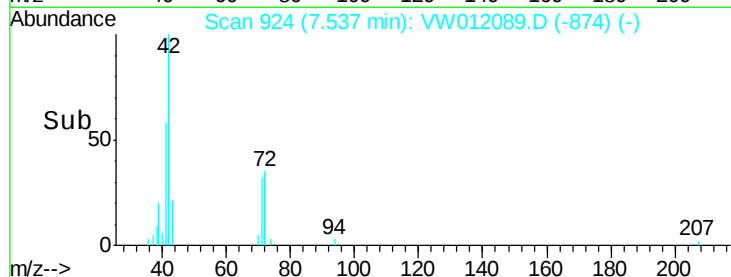
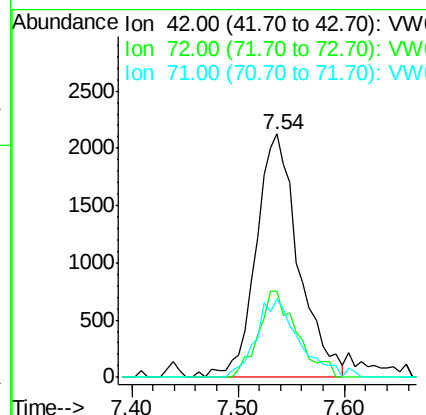
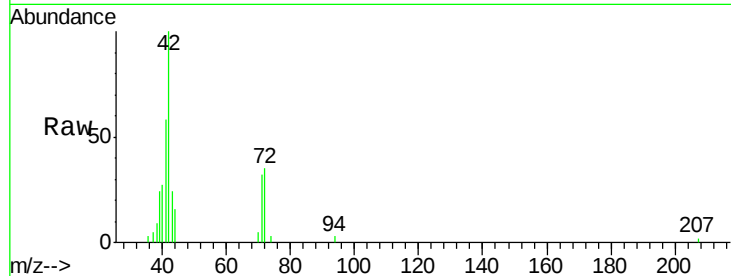




#29
Tetrahydrofuran
Concen: 9.086 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012089.D
Acq: 21 Aug 2019 23:45

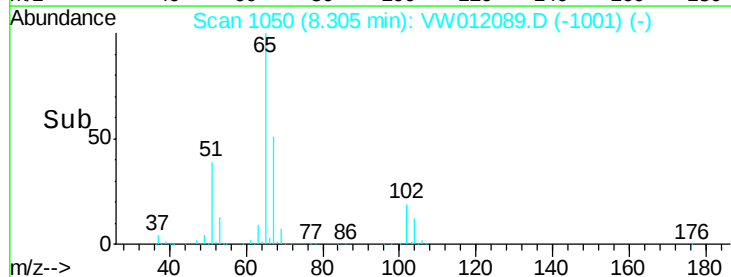
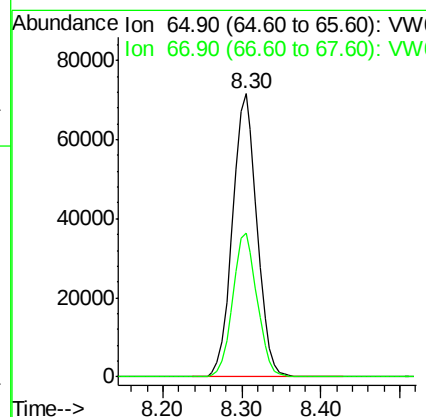
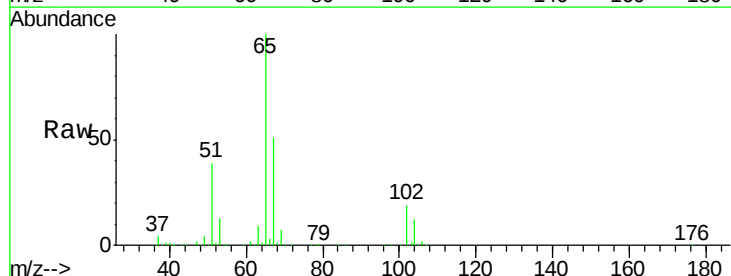
Instrument :
MSVOA_W
ClientSampled :
T1-G-(0)

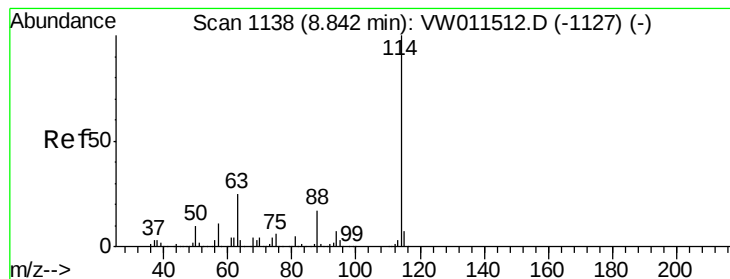
Tot Ion: 42 Resp: 5925
Ion Ratio Lower Upper
42 100
72 32.3 27.1 40.7
71 31.9 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 56.308 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012089.D
Acq: 21 Aug 2019 23:45

Tgt Ion: 65 Resp: 154322
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012089.D

Acq: 21 Aug 2019 23:45

Instrument :

MSVOA_W

ClientSampled :

T1-G-(0)

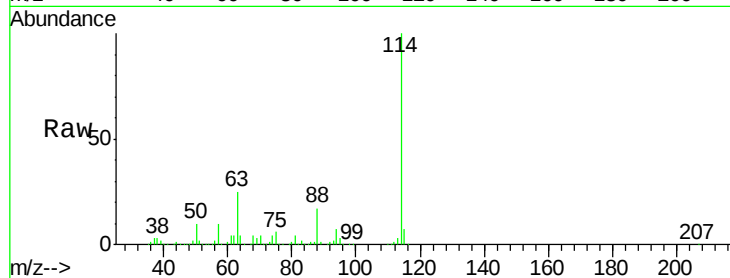
Tot Ion:114 Resp: 403489

Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.2

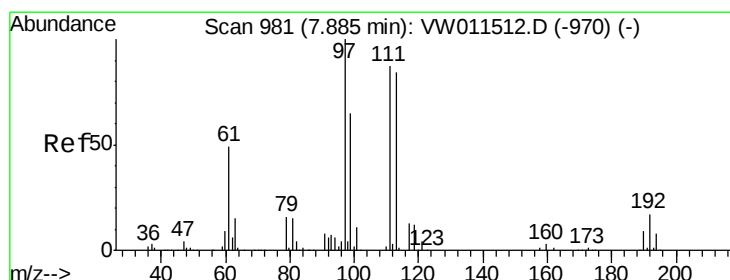
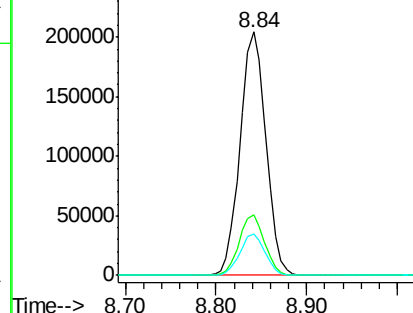
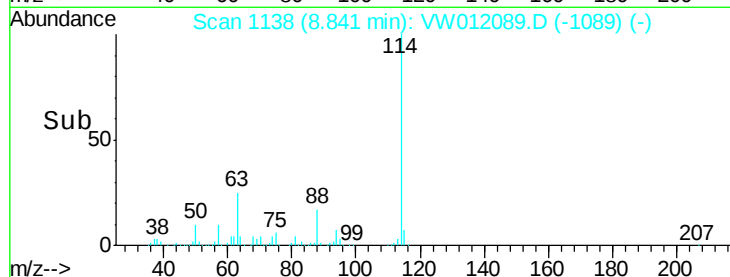
88 16.8 0.0 33.8



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: 54.333 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012089.D

Acq: 21 Aug 2019 23:45

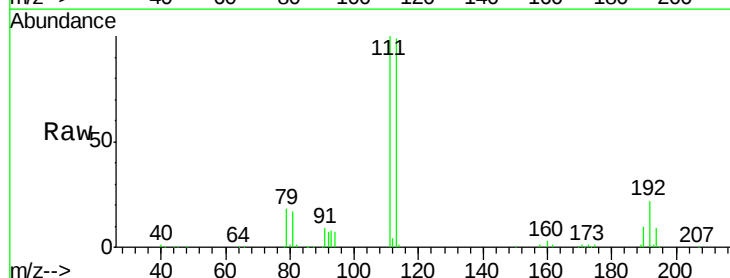
Tgt Ion:113 Resp: 122990

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

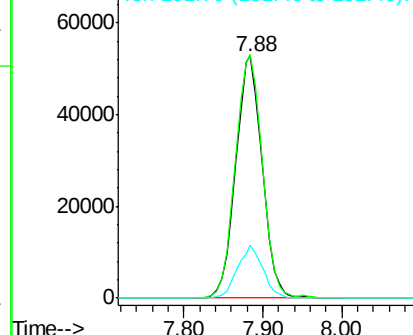
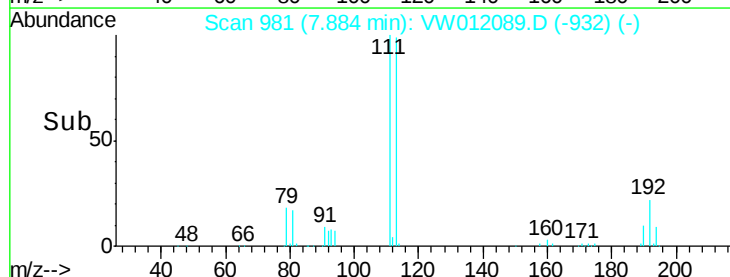
192 20.8 16.1 24.1

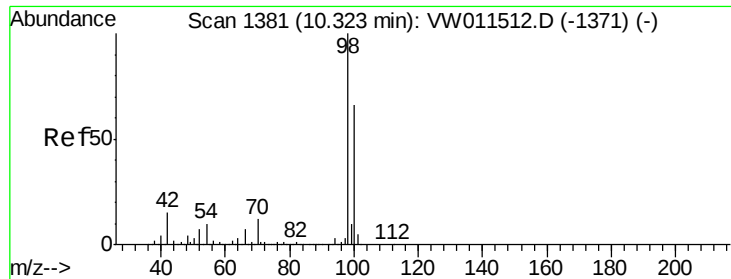


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.460 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012089.D

Acq: 21 Aug 2019 23:45

Instrument :

MSVOA_W

ClientSampleId :

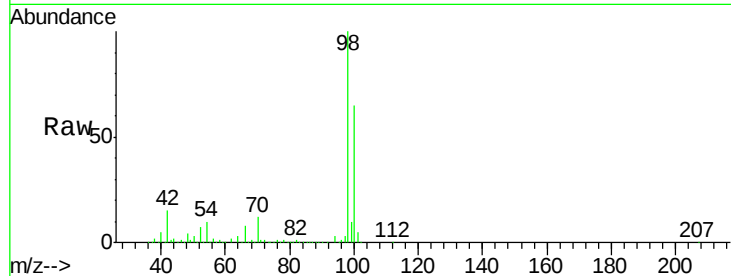
T1-G(0)

Tot Ion: 98 Resp: 486199

Ion Ratio Lower Upper

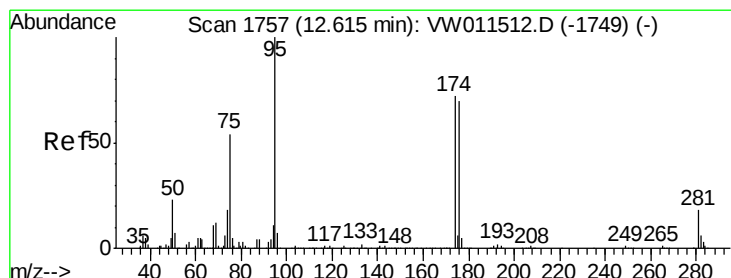
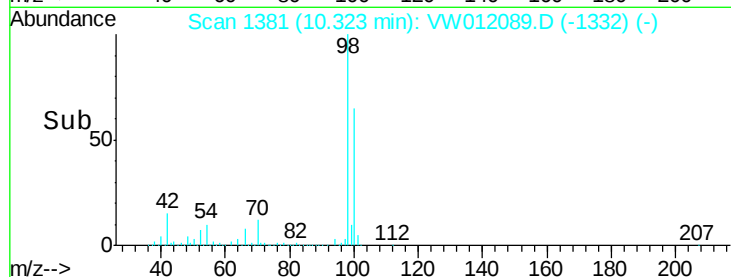
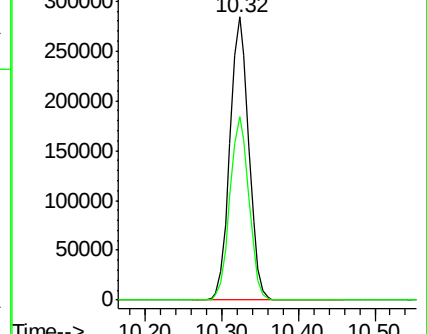
98 100

100 65.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 43.424 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012089.D

Acq: 21 Aug 2019 23:45

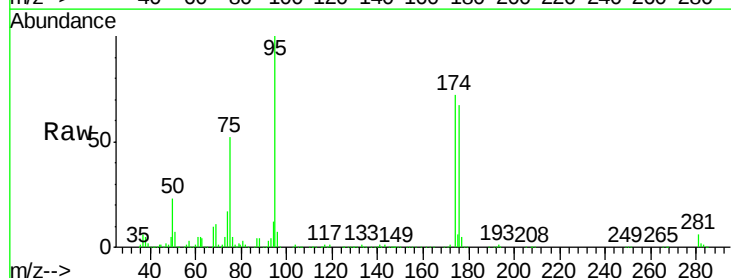
Tgt Ion: 95 Resp: 143482

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.2

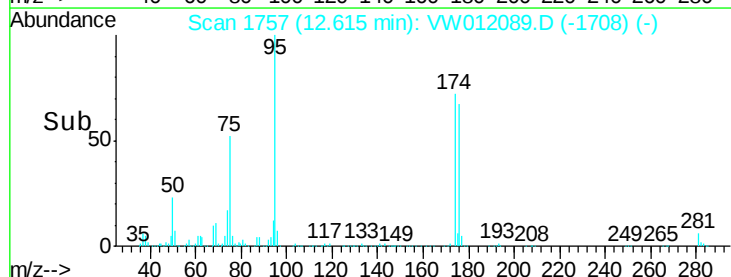
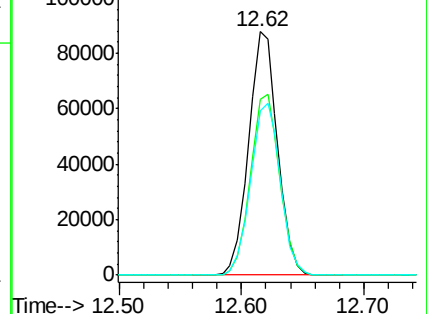
176 73.0 0.0 144.4

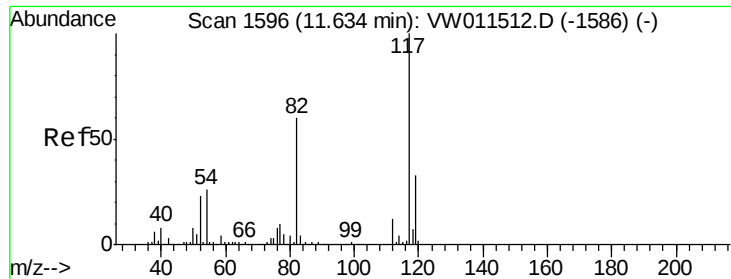


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

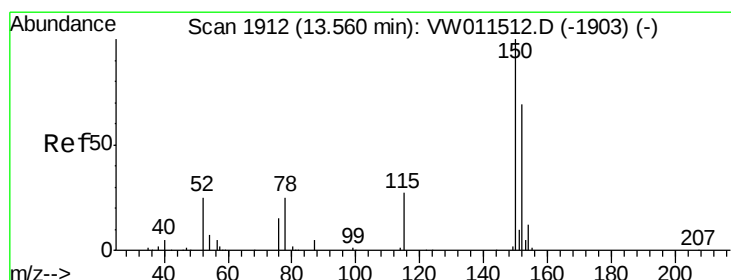
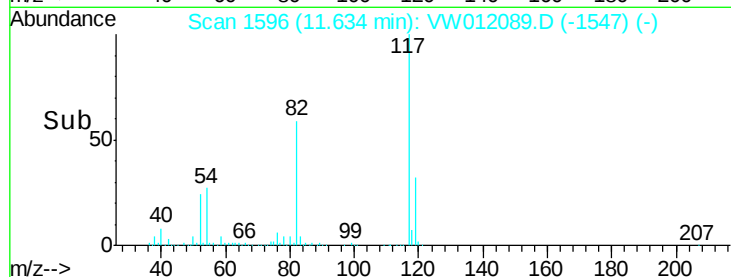
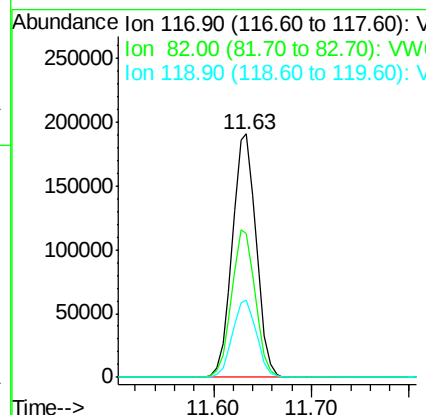
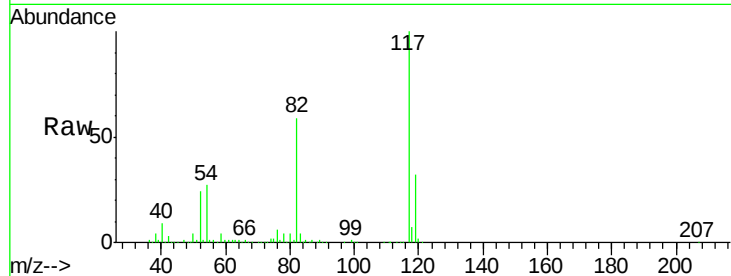




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012089.D
Acq: 21 Aug 2019 23:45

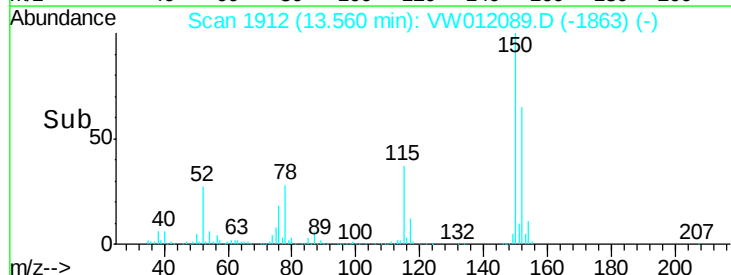
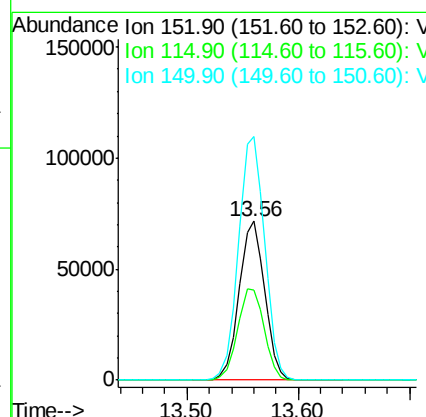
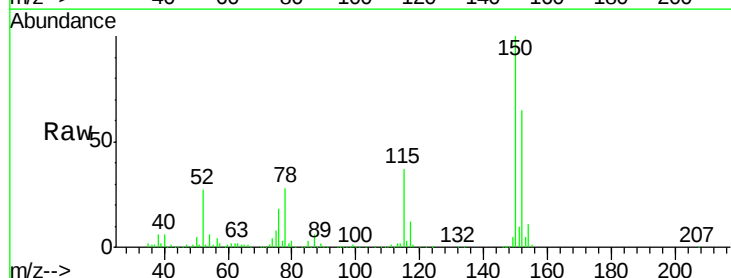
Instrument :
MSVOA_W
ClientSampleId :
T1-G-(0)

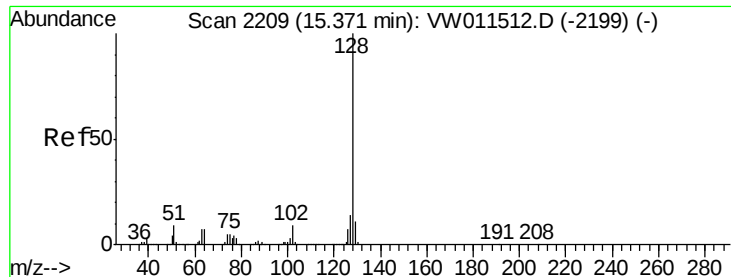
Tot Ion:117 Resp: 322551
Ion Ratio Lower Upper
117 100
82 59.0 47.9 71.9
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012089.D
Acq: 21 Aug 2019 23:45

Tgt Ion:152 Resp: 113717
Ion Ratio Lower Upper
152 100
115 59.4 30.5 91.5
150 156.8 0.0 352.6





#95

Naphthalene

Concen: 2.796 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW012089.D

Acq: 21 Aug 2019 23:45

Instrument :

MSVOA_W

ClientSampleId :

T1-G-(0)

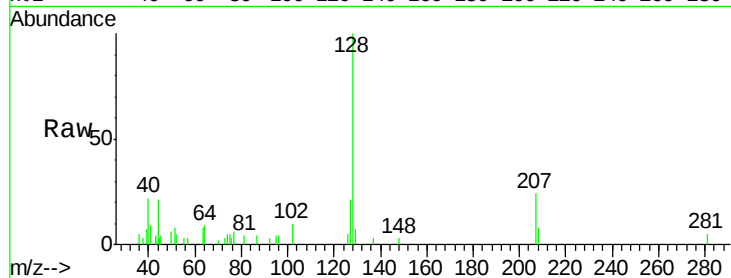
Tot Ion:128 Resp: 3419

Ion Ratio Lower Upper

128 100

127 17.4 10.6 16.0#

129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

