

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012030.D
 Acq On : 20 Aug 2019 14:35
 Operator : SY/VA
 Sample : K4388-14
 Misc : 5.80G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Aug 20 18:01:05 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

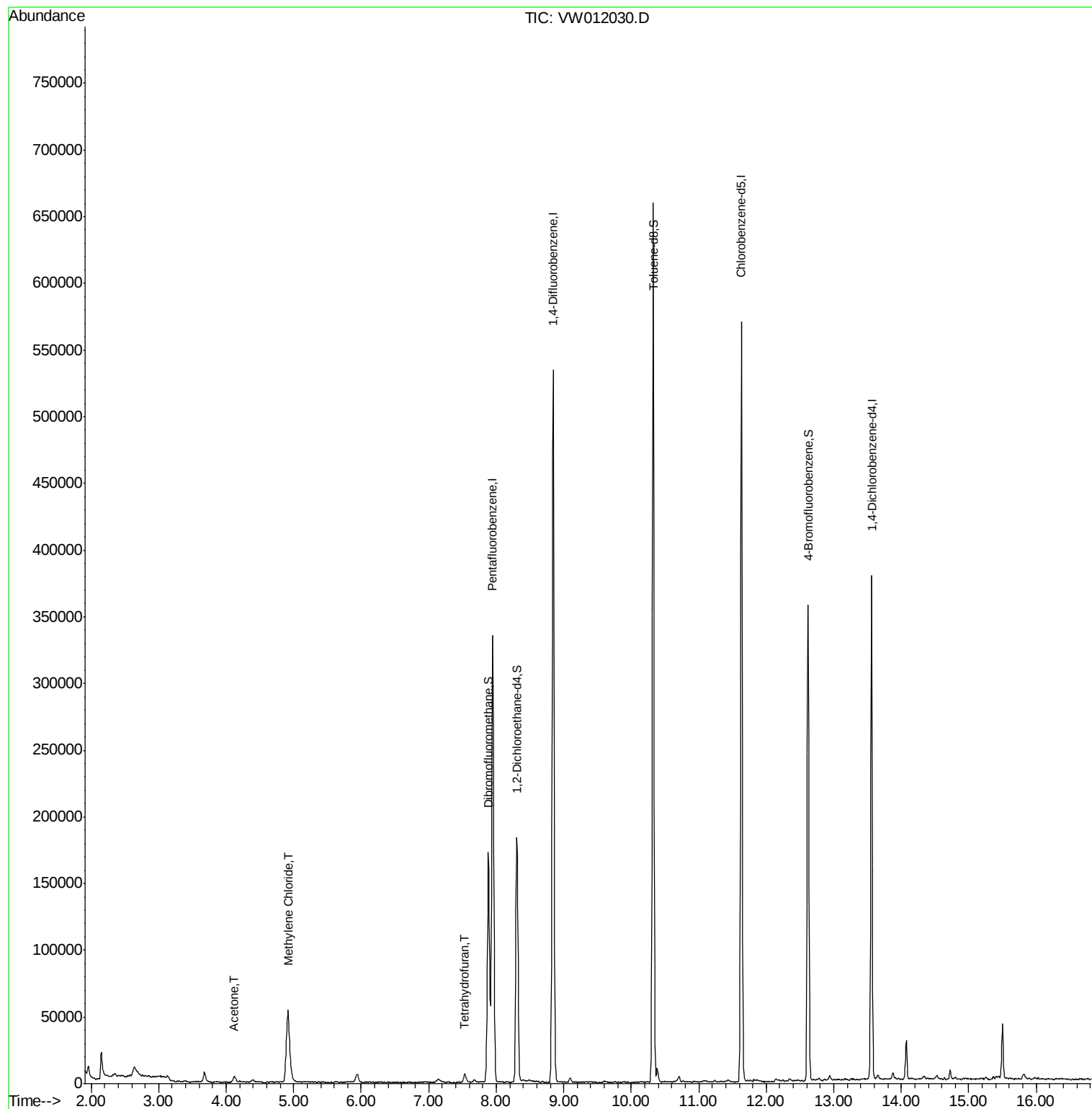
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	422634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145906	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
35) Dibromofluoromethane	7.88	113	120583	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
50) Toluene-d8	10.32	98	419524	43.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.44%	
62) 4-Bromofluorobenzene	12.62	95	118259	34.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.34%	
Target Compounds						
16) Acetone	4.12	43	8826	9.721	ug/l	99
20) Methylene Chloride	4.92	84	42435	13.552	ug/l	95
29) Tetrahydrofuran	7.53	42	5528	8.140	ug/l	97

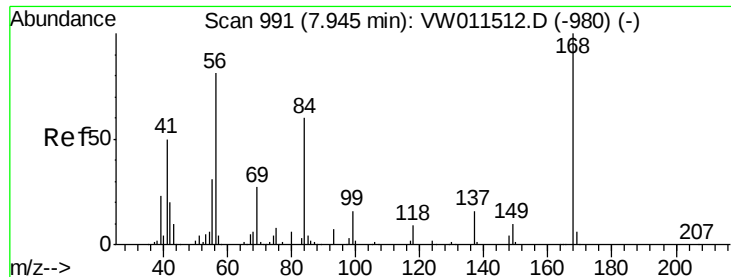
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082019\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW012030.D

Acq: 20 Aug 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

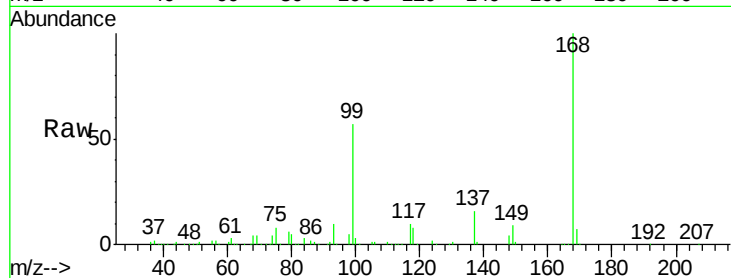
T4-E-(0)

Tot Ion:168 Resp: 248569

Ion Ratio Lower Upper

168 100

99 57.2 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

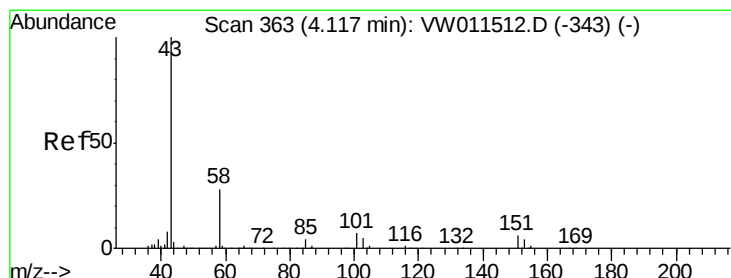
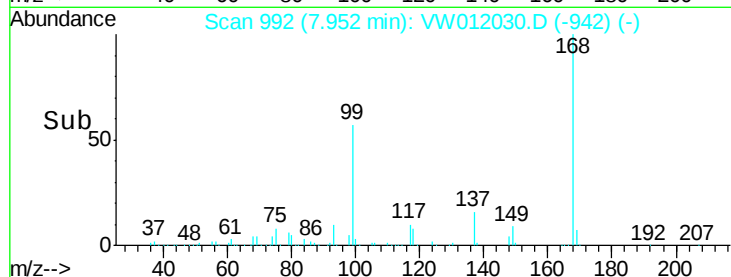
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 9.721 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW012030.D

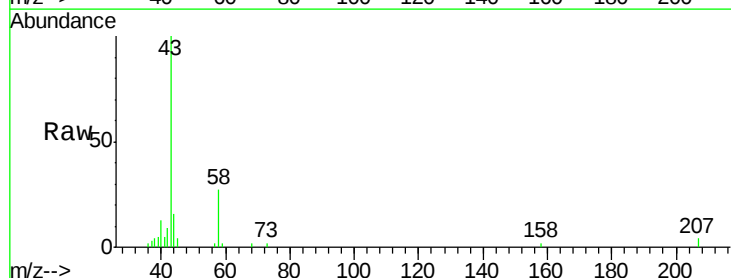
Acq: 20 Aug 2019 14:35

Tgt Ion: 43 Resp: 8826

Ion Ratio Lower Upper

43 100

58 27.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

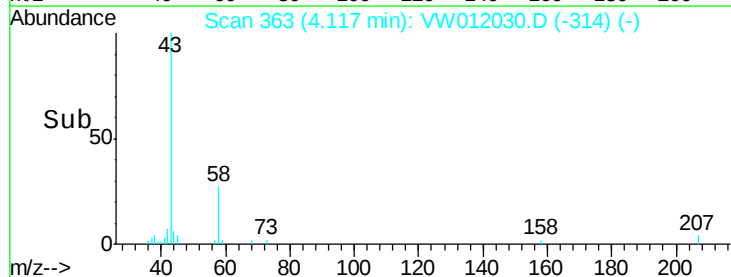
3000

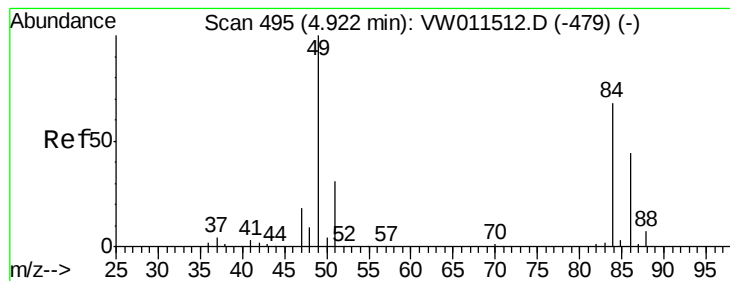
2000

1000

0

Time--> 4.00 4.10 4.20





#20

Methvlene Chloride

Concen: 13.552 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012030.D

Acq: 20 Aug 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

T4-E-(0)

Tot Ion: 84 Resp: 42435

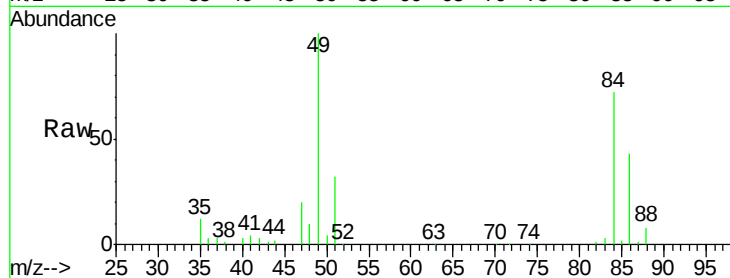
Ion Ratio Lower Upper

84 100

49 139.8 117.8 176.6

51 44.3 37.0 55.4

86 60.6 51.8 77.8

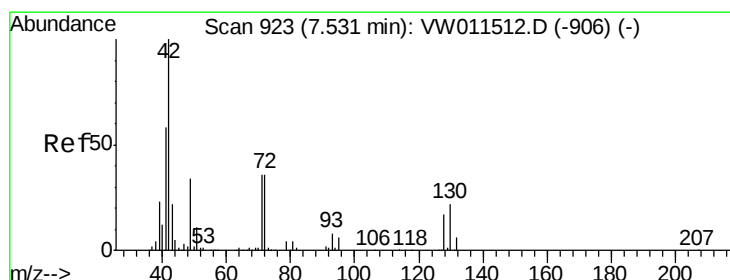
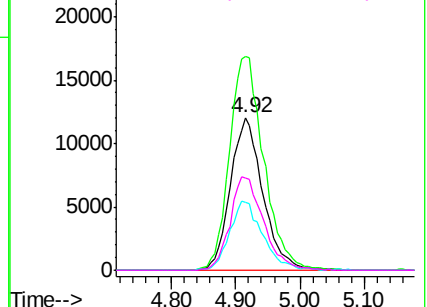
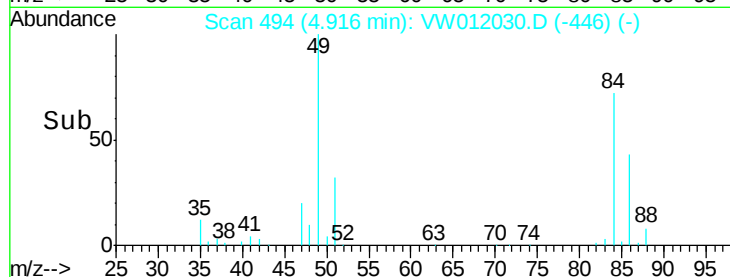


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 8.140 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW012030.D

Acq: 20 Aug 2019 14:35

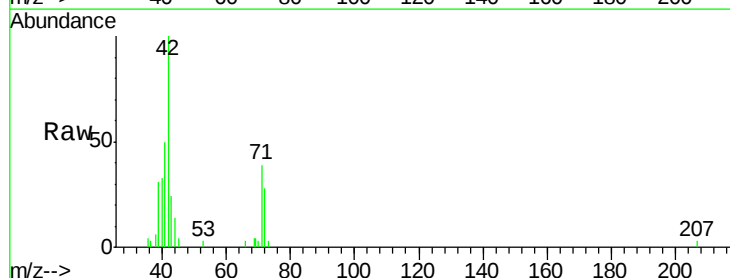
Tgt Ion: 42 Resp: 5528

Ion Ratio Lower Upper

42 100

72 34.8 27.1 40.7

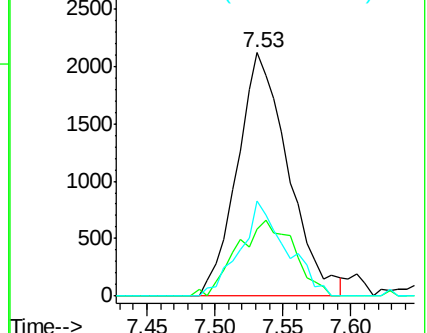
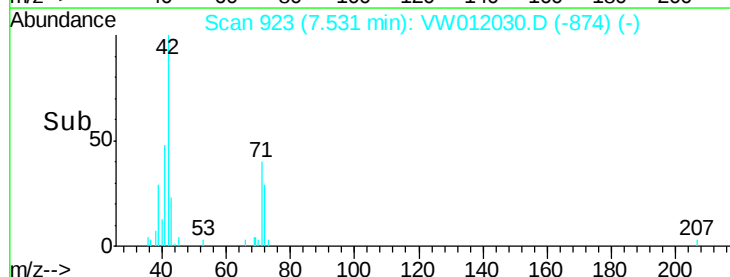
71 35.1 26.2 39.4

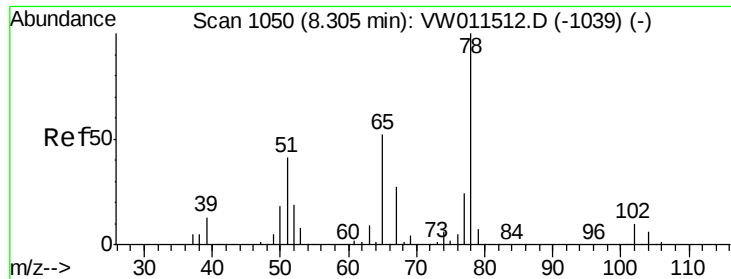


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

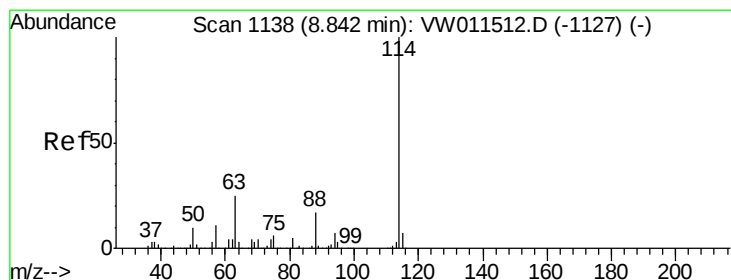
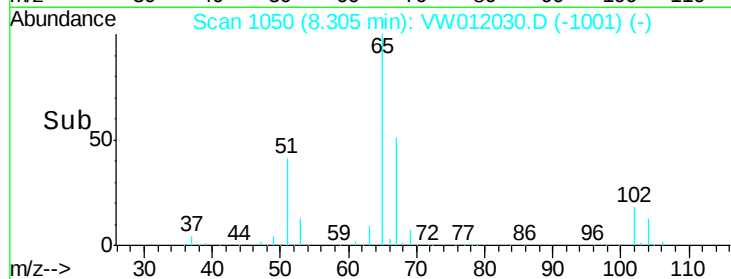
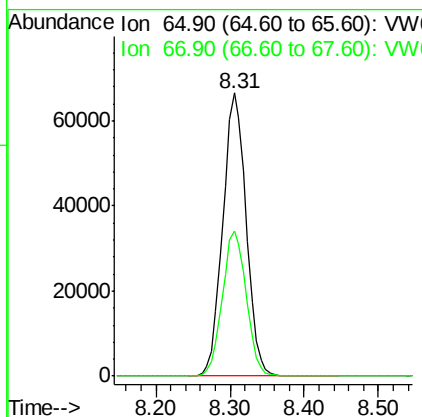
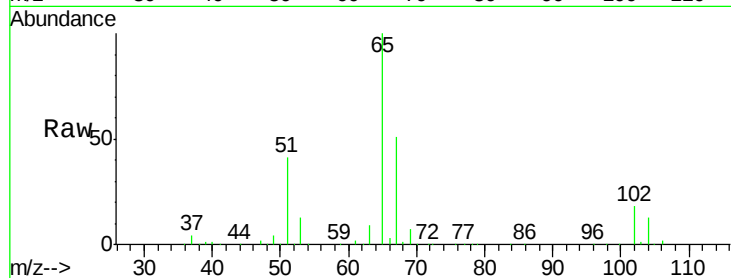




#33
 1,2-Dichloroethane-d4
 Concen: 51.119 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012030.D
 Acq: 20 Aug 2019 14:35

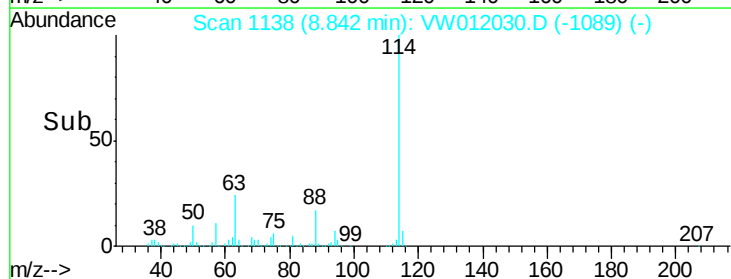
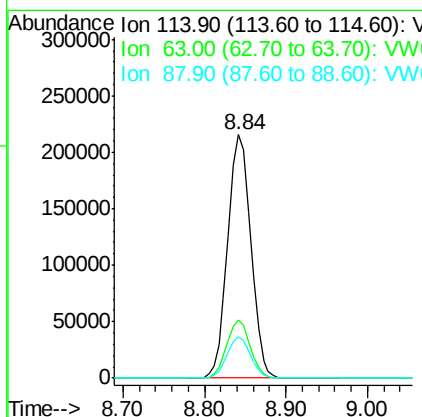
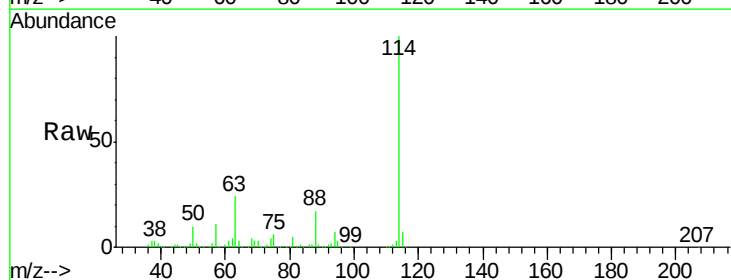
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-E-(0)

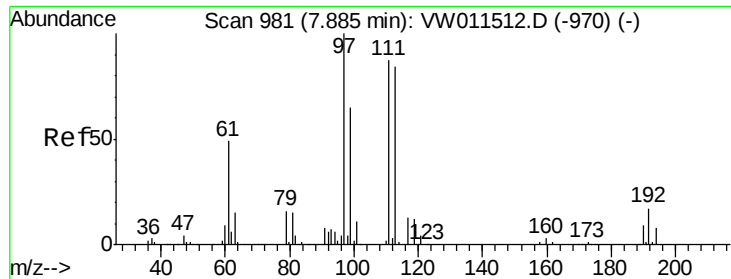
Tot Ion: 65 Resp: 145906
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012030.D
 Acq: 20 Aug 2019 14:35

Tgt Ion: 114 Resp: 422634
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 17.2 0.0 33.8

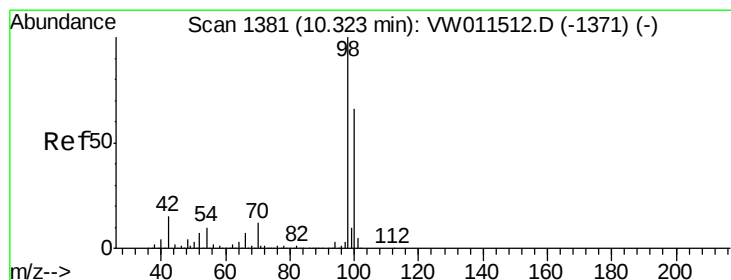
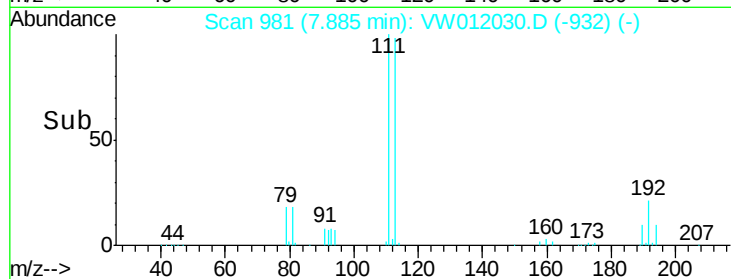
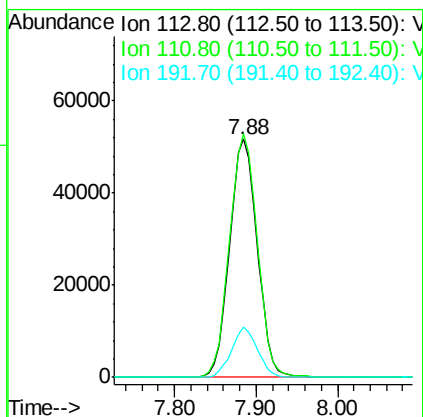
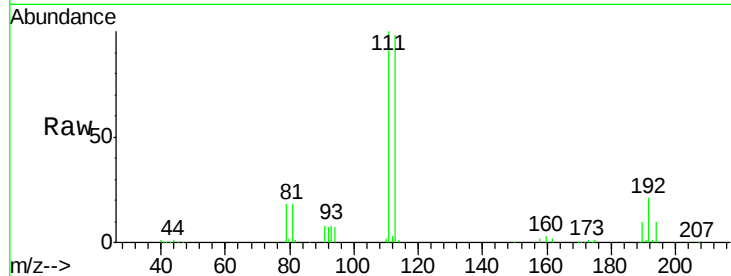




#35
 Dibromofluoromethane
 Concen: 50.856 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012030.D
 Acq: 20 Aug 2019 14:35

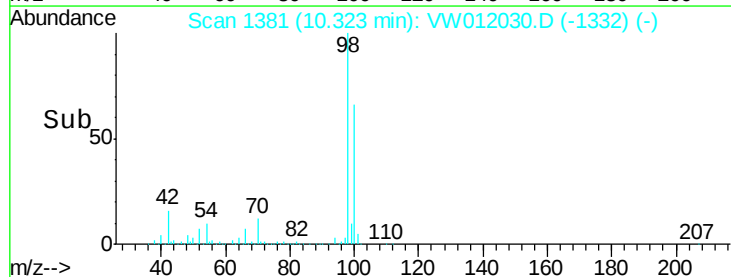
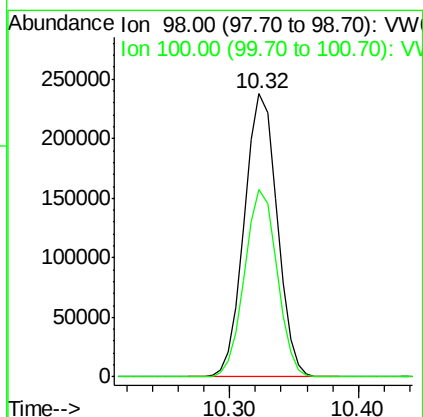
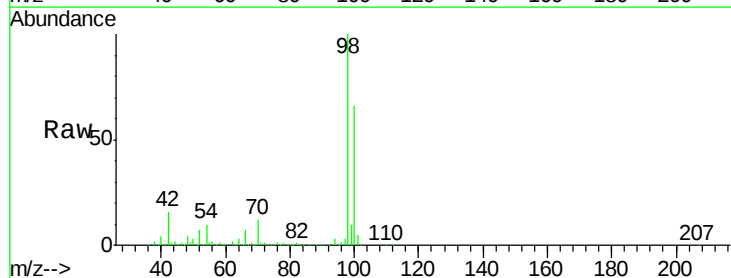
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-E-(0)

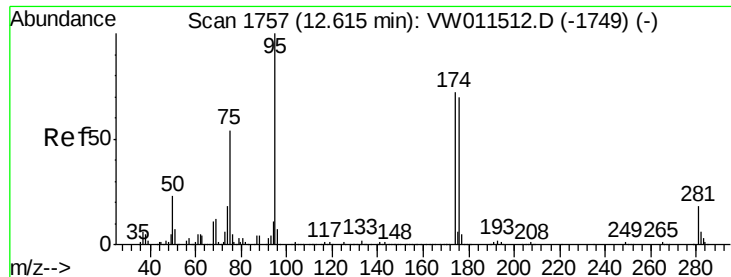
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	19.9	16.1	24.1



#50
 Toluene-d8
 Concen: 43.215 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012030.D
 Acq: 20 Aug 2019 14:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.7	79.1

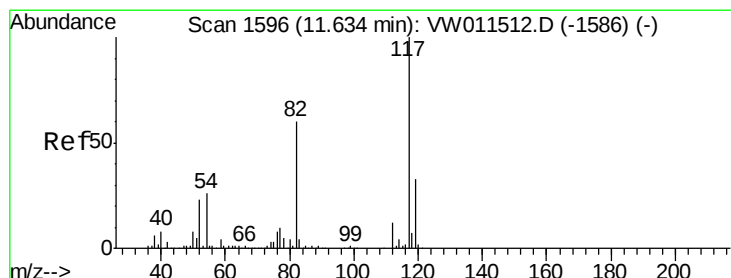
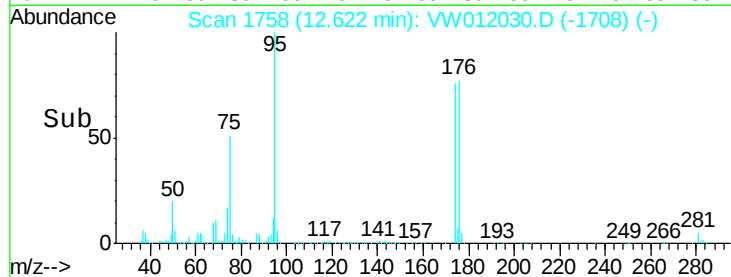
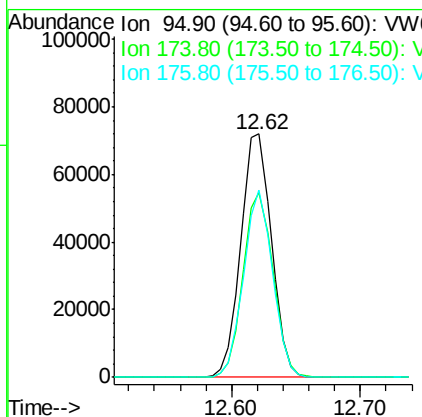
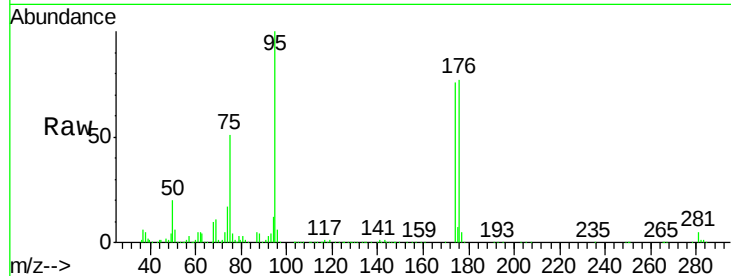




#62
4-Bromofluorobenzene
Concen: 34.169 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012030.D
Acq: 20 Aug 2019 14:35

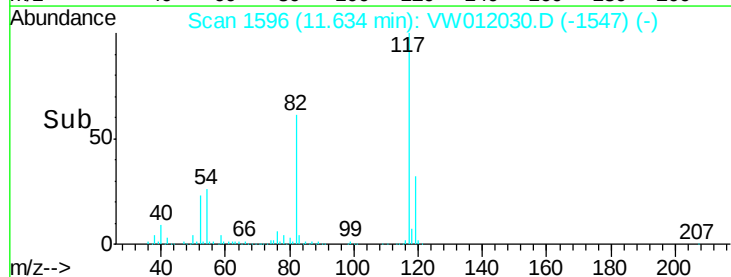
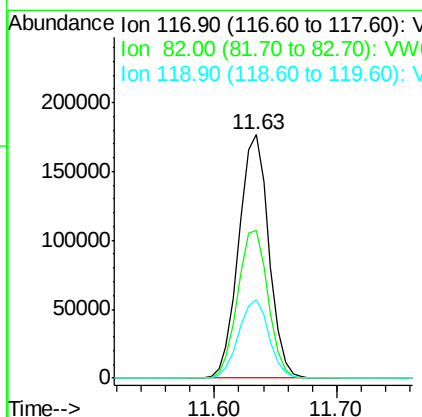
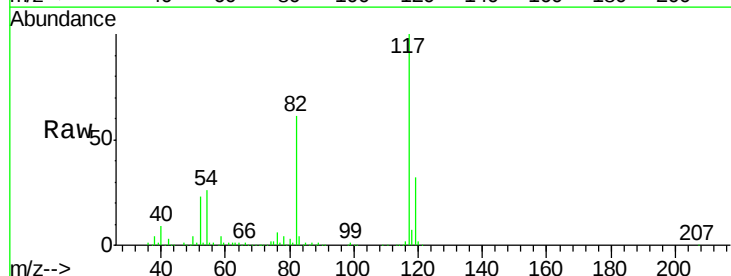
Instrument :
MSVOA_W
ClientSampleId :
T4-E-(0)

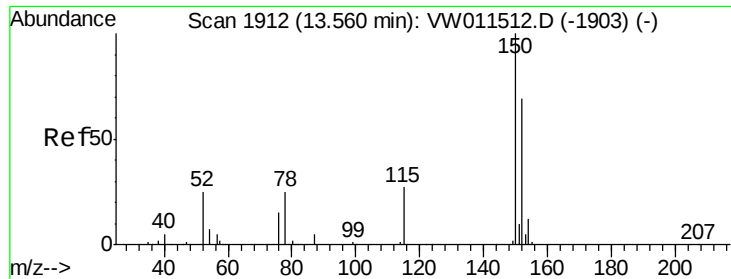
Tot Ion	95	Resp	118259
Ion Ratio	Lower	Upper	
95	100		
174	74.7	0.0	150.2
176	72.8	0.0	144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012030.D
Acq: 20 Aug 2019 14:35

Tgt Ion	117	Resp	301258
Ion Ratio	Lower	Upper	
117	100		
82	60.5	47.9	71.9
119	32.3	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: VW012030.D

Acq: 20 Aug 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

T4-E-(0)

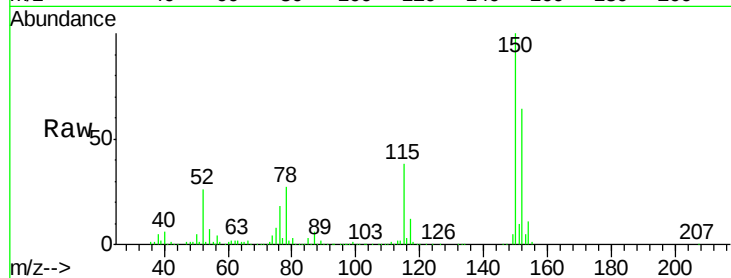
Tot Ion:152 Resp: 93437

Ion Ratio Lower Upper

152 100

115 59.8 30.5 91.5

150 156.9 0.0 352.6



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

