

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012070.D
 Acq On : 21 Aug 2019 14:26
 Operator : SY/VA
 Sample : K4388-08
 Misc : 5.64G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Aug 22 06:05:41 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

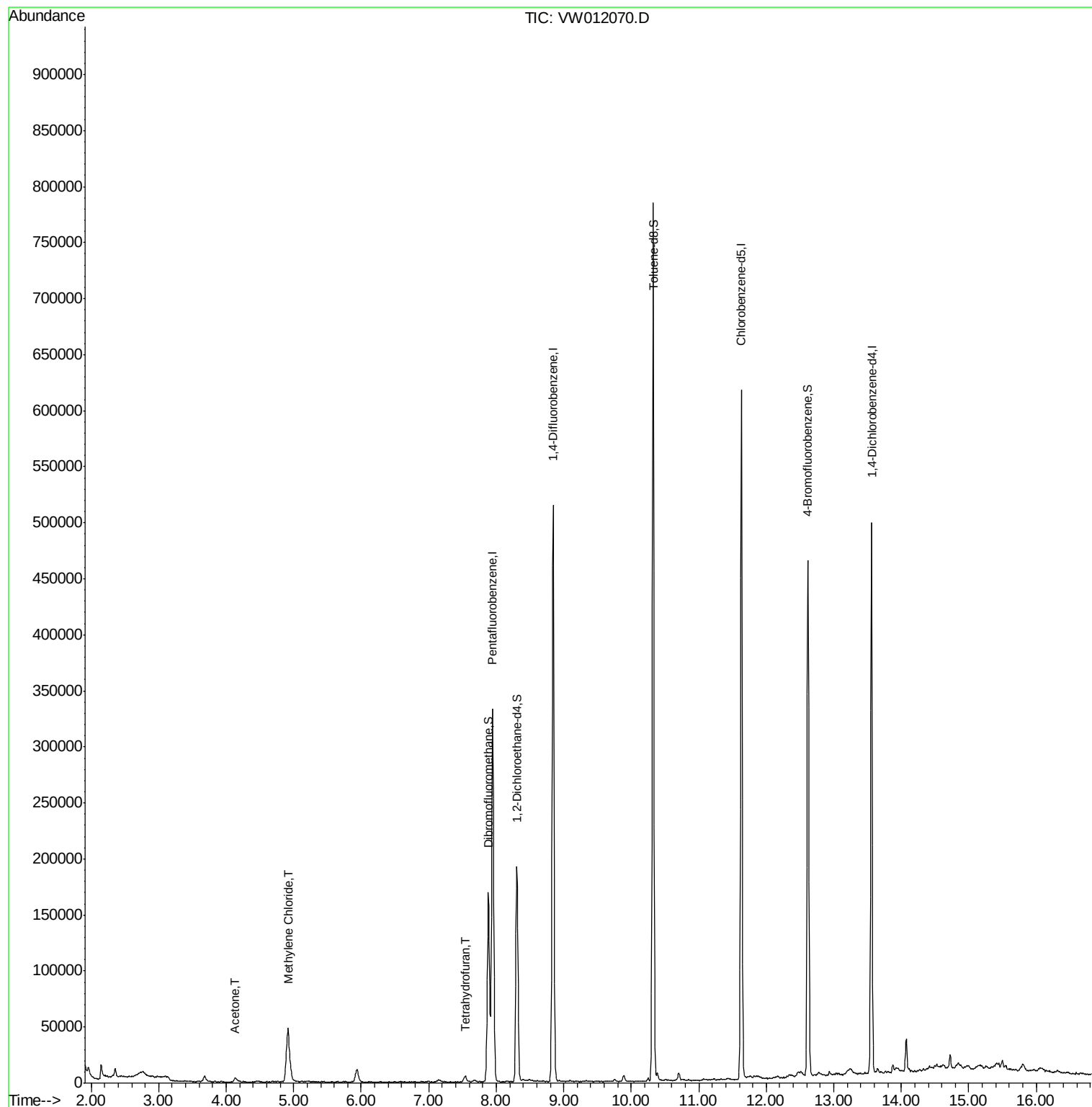
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123224	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148792	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
35) Dibromofluoromethane	7.88	113	122415	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
50) Toluene-d8	10.32	98	489250	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.62	95	152337	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
Target Compounds						
16) Acetone	4.14	43	7145	7.990	ug/l	90
20) Methylene Chloride	4.92	84	36691	11.898	ug/l	95
29) Tetrahydrofuran	7.54	42	4825	7.214	ug/l	97

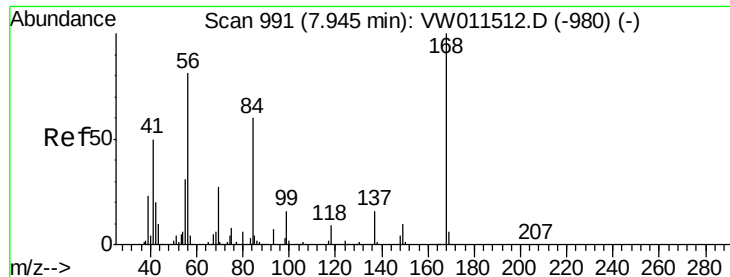
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
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# 991

Delta R.T. 0.00 min

Lab File: VW012070.D

Acq: 21 Aug 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

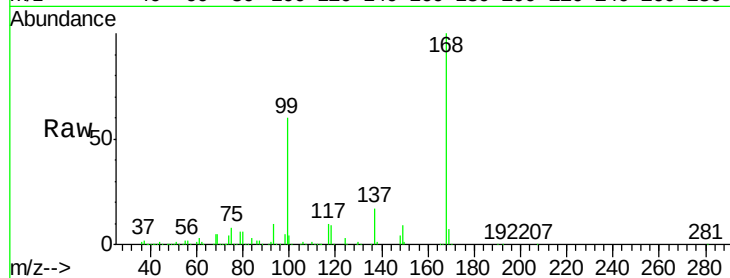
T4-C-(0)

Tot Ion:168 Resp: 244807

Ion Ratio Lower Upper

168 100

99 60.1 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

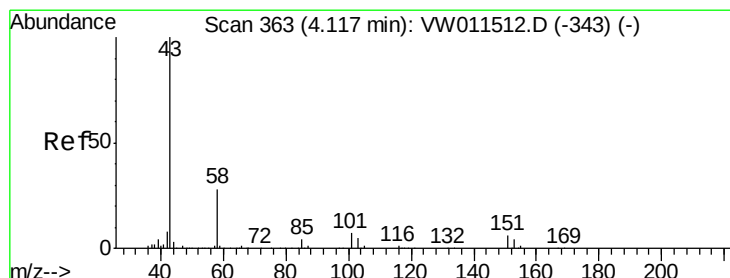
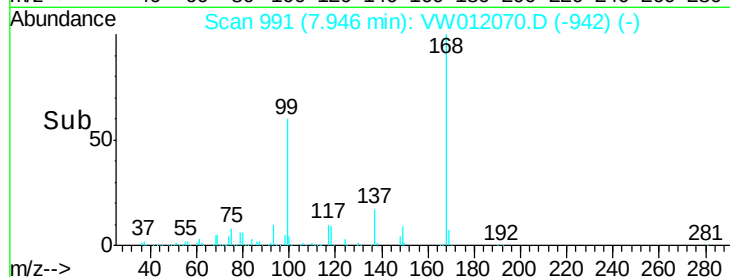
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.990 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012070.D

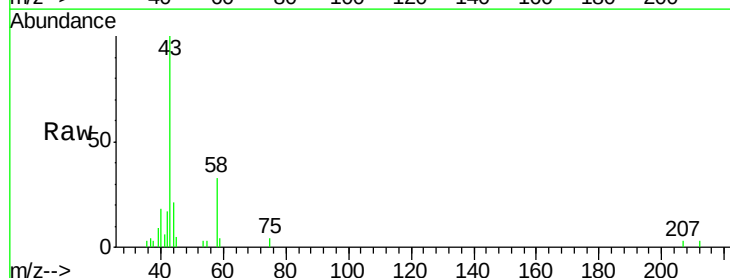
Acq: 21 Aug 2019 14:26

Tgt Ion: 43 Resp: 7145

Ion Ratio Lower Upper

43 100

58 33.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2000

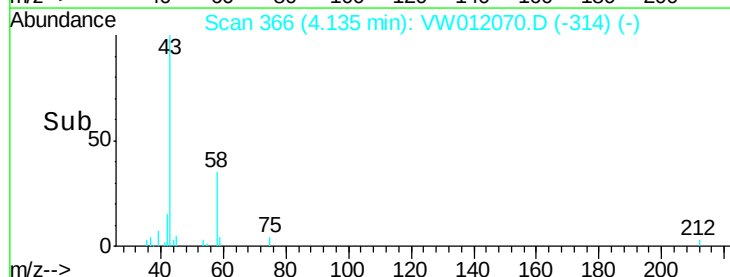
1500

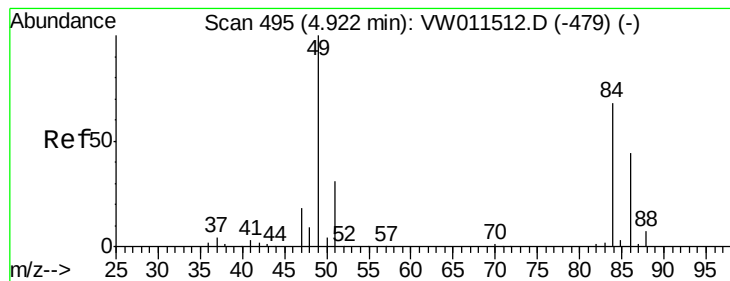
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 11.898 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012070.D

Acq: 21 Aug 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

T4-C-(0)

Tot Ion: 84 Resp: 36691

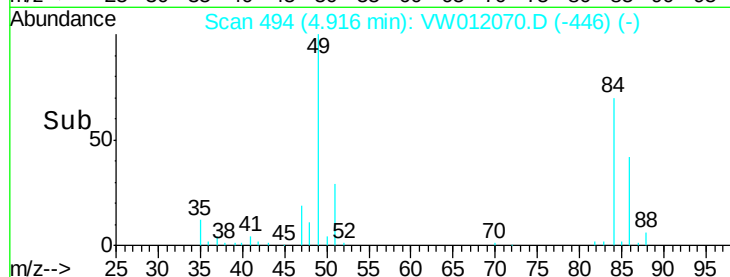
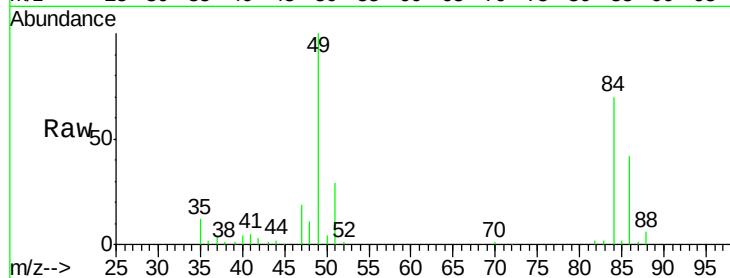
Ion	Ratio	Lower	Upper
84	100		
49	141.9	117.8	176.6
51	41.5	37.0	55.4
86	59.4	51.8	77.8

84 100

49 141.9 117.8 176.6

51 41.5 37.0 55.4

86 59.4 51.8 77.8

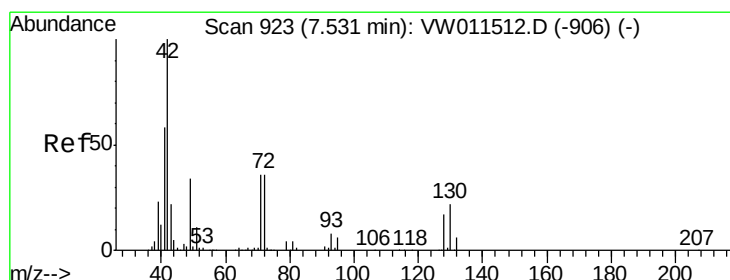
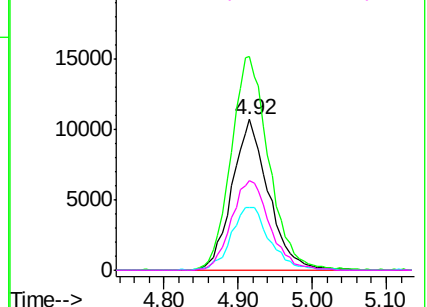


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 7.214 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012070.D

Acq: 21 Aug 2019 14:26

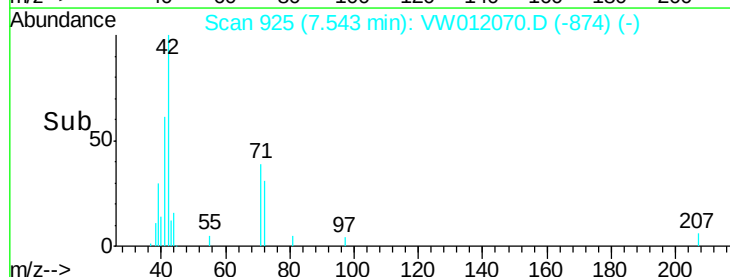
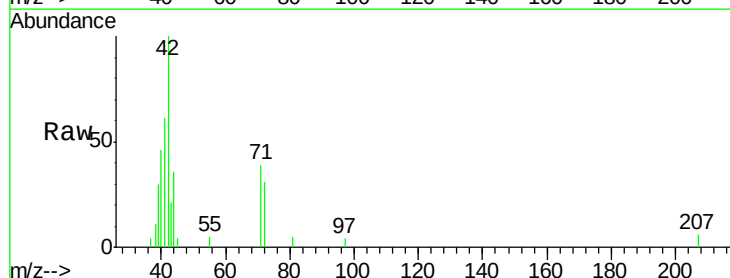
Tgt Ion: 42 Resp: 4825

Ion	Ratio	Lower	Upper
42	100		
72	34.1	27.1	40.7
71	35.6	26.2	39.4

42 100

72 34.1 27.1 40.7

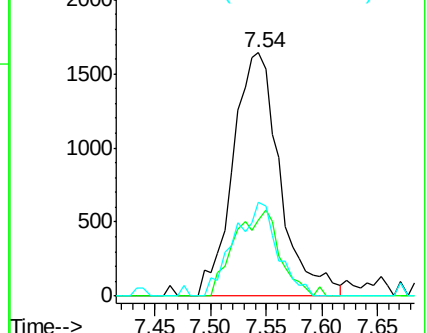
71 35.6 26.2 39.4

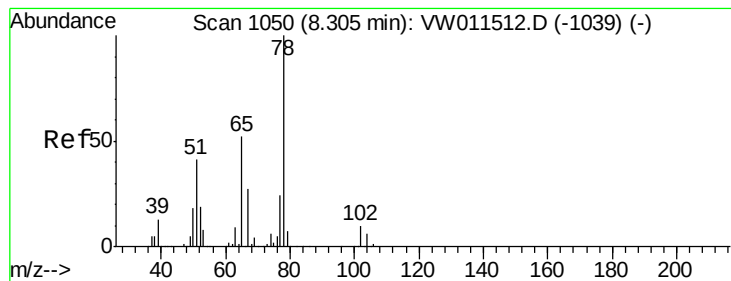


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 52.931 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012070.D

Acq: 21 Aug 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

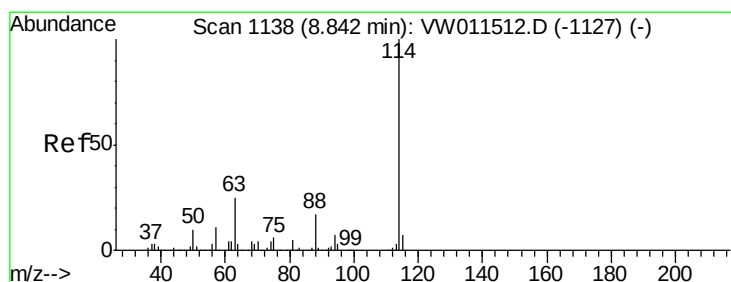
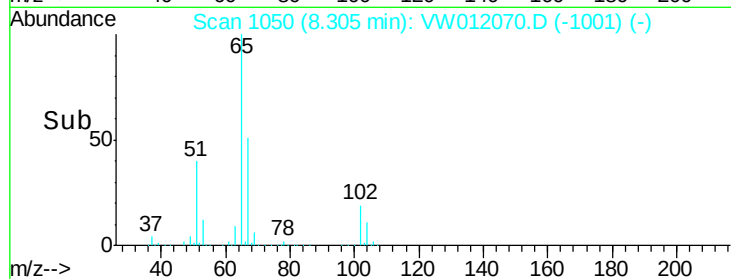
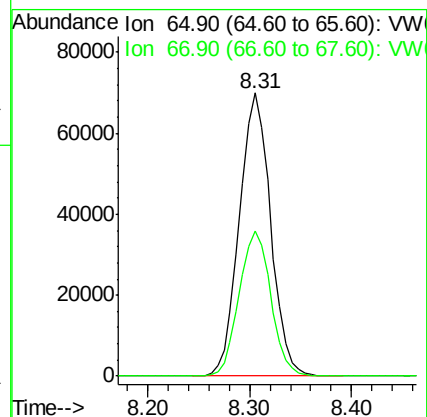
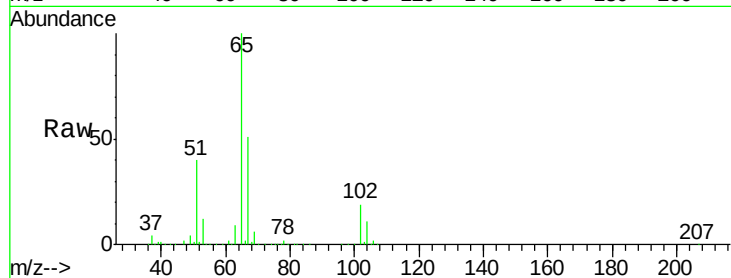
T4-C-(0)

Tot Ion: 65 Resp: 148792

Ion Ratio Lower Upper

65 100

67 51.9 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: VW012070.D

Acq: 21 Aug 2019 14:26

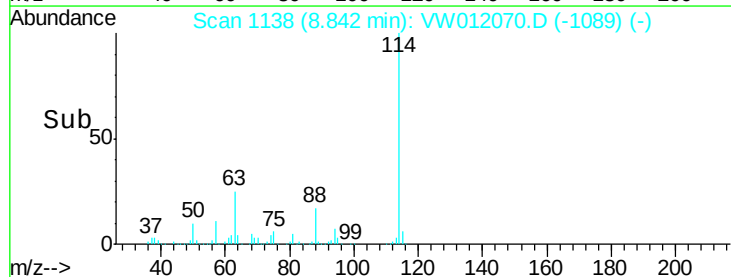
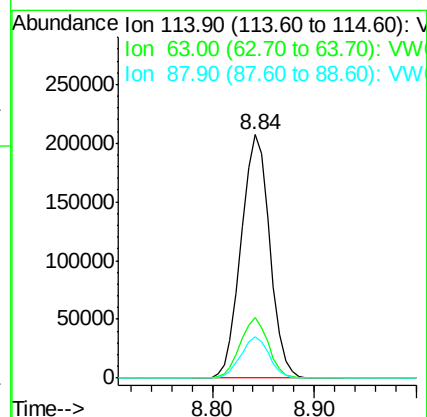
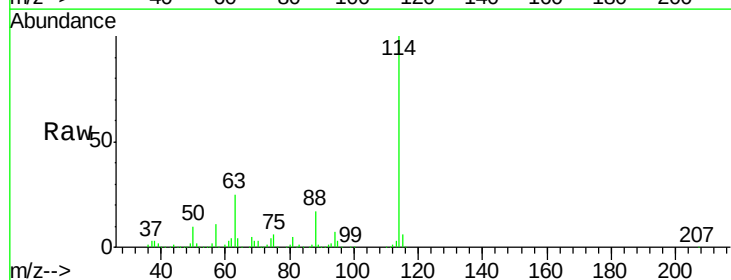
Tgt Ion: 114 Resp: 402169

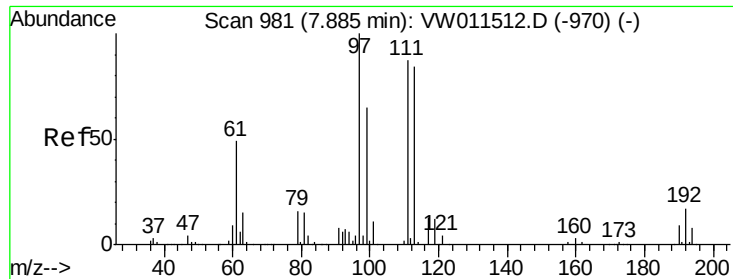
Ion Ratio Lower Upper

114 100

63 24.8 0.0 49.2

88 16.9 0.0 33.8

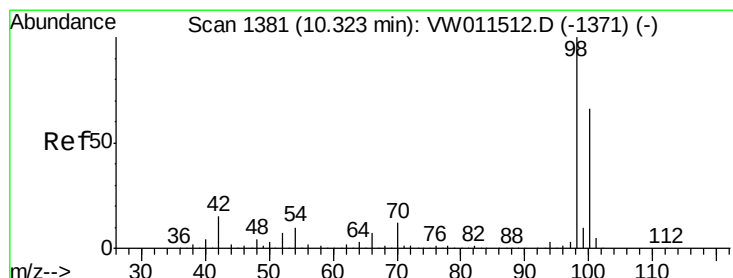
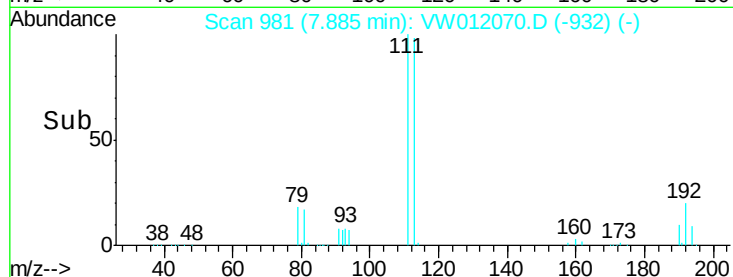
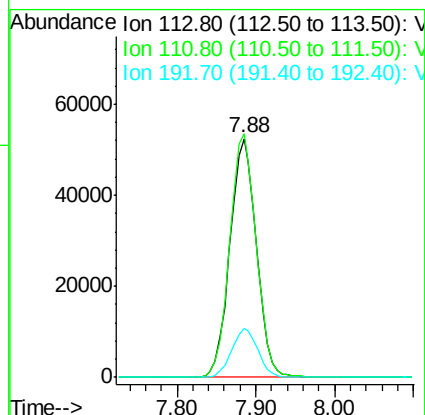
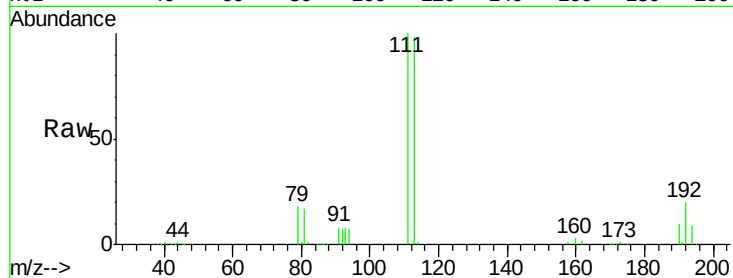




#35
 Dibromofluoromethane
 Concen: 54.256 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012070.D
 Acq: 21 Aug 2019 14:26

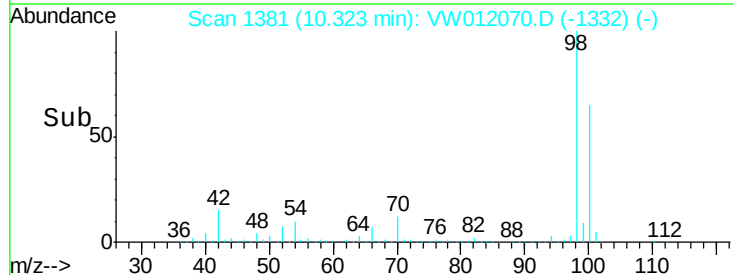
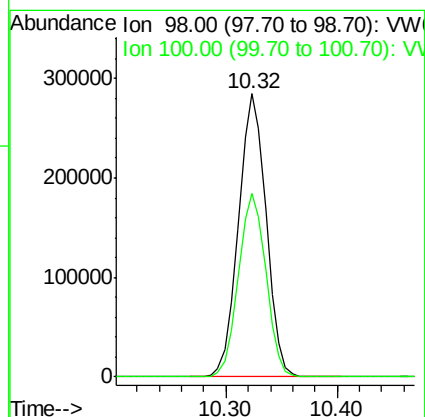
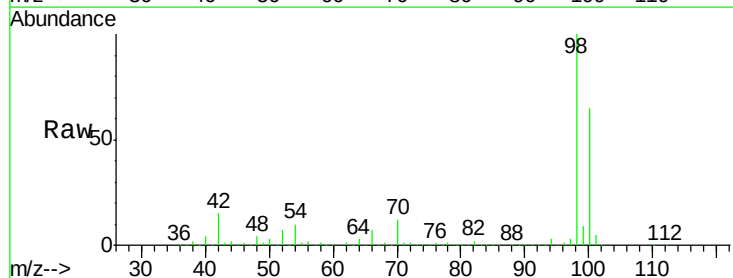
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-C-(0)

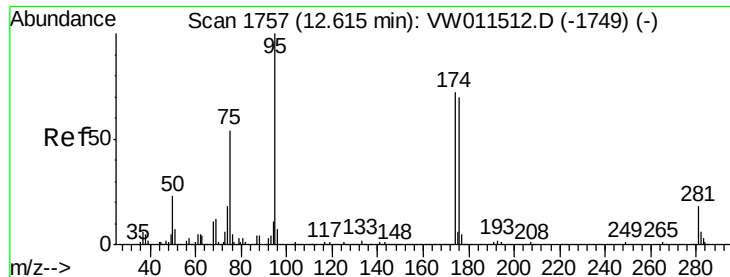
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.7	124.1
192	20.2	16.1	24.1



#50
 Toluene-d8
 Concen: 52.962 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012070.D
 Acq: 21 Aug 2019 14:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.7	79.1

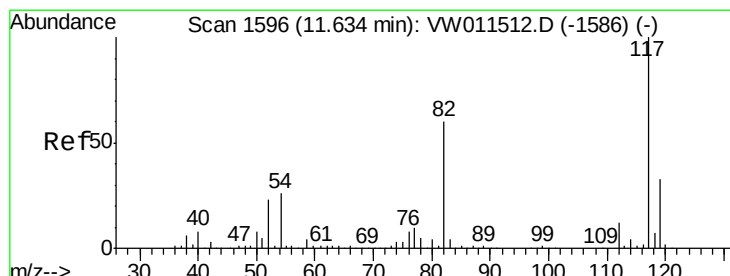
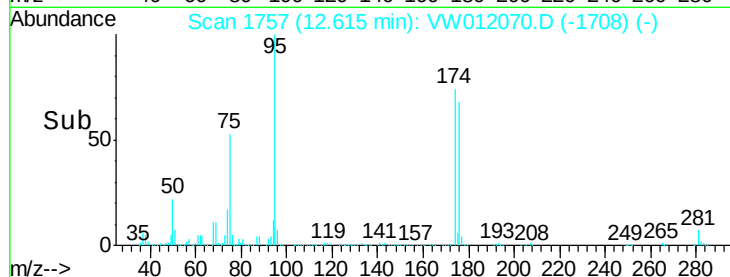
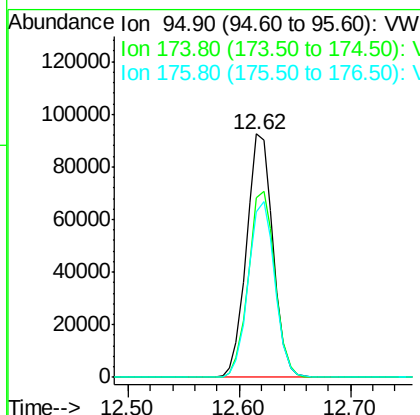
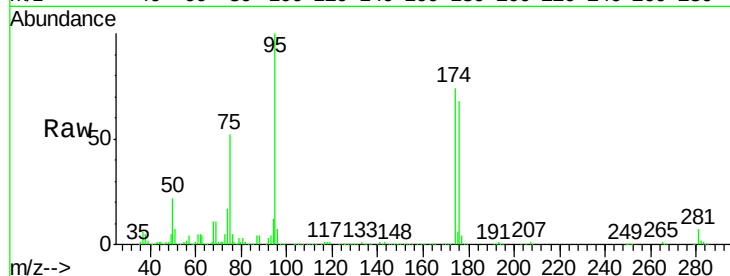




#62
4-Bromofluorobenzene
Concen: 46.255 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012070.D
Acq: 21 Aug 2019 14:26

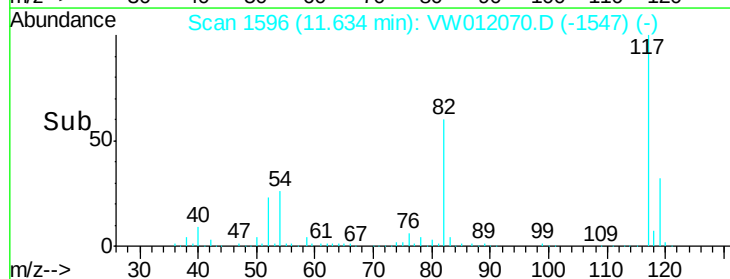
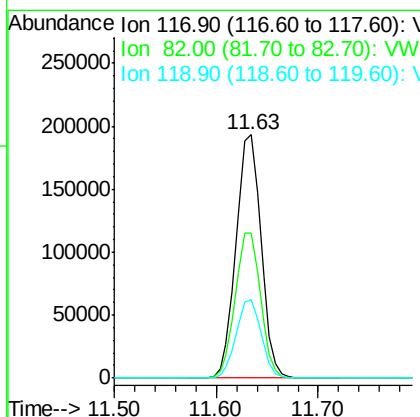
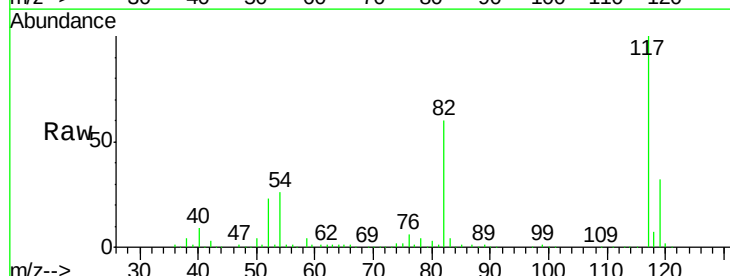
Instrument :
MSVOA_W
ClientSampleId :
T4-C-(0)

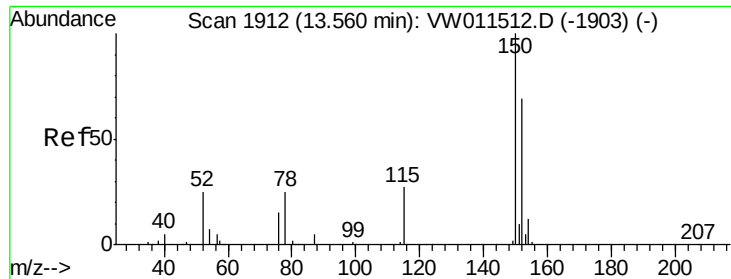
Tot Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	150.2
176	72.7	0.0	144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012070.D
Acq: 21 Aug 2019 14:26

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.9	71.9
119	32.2	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: VW012070.D

Acq: 21 Aug 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

T4-C(0)

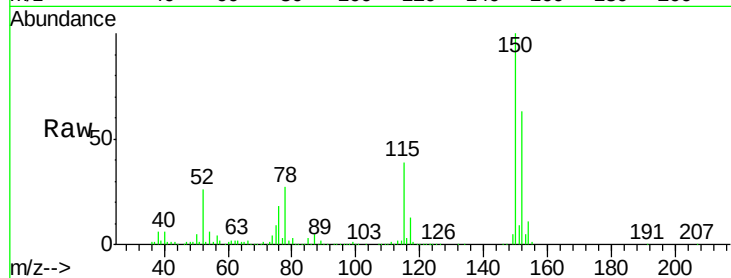
Tot Ion:152 Resp: 123224

Ion Ratio Lower Upper

152 100

115 61.3 30.5 91.5

150 158.6 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

