

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012027.D
 Acq On : 20 Aug 2019 13:18
 Operator : SY/VA
 Sample : K4386-12
 Misc : 5.89G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T6-A1-(0)

Quant Time: Aug 20 17:55:35 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

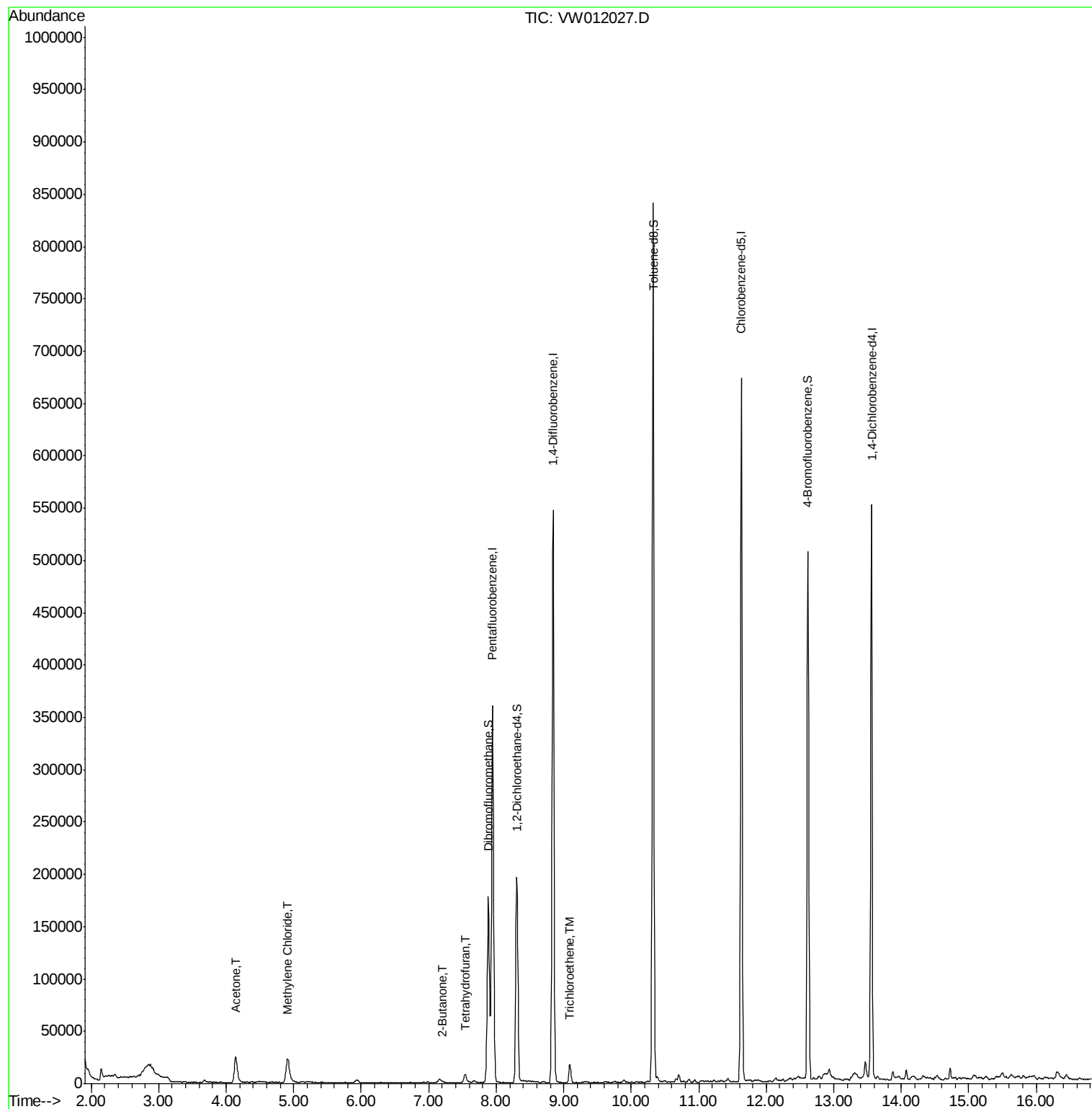
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	436926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	356510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	158317	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	7.88	113	128141	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
50) Toluene-d8	10.32	98	532701	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.62	95	165103	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
16) Acetone	4.14	43	51465	53.629	ug/l	99
20) Methylene Chloride	4.91	84	17489	5.284	ug/l	95
25) 2-Butanone	7.20	43	2576	2.051	ug/l	93
29) Tetrahydrofuran	7.54	42	7730	10.769	ug/l	98
44) Trichloroethene	9.09	130	5844	1.911	ug/l	91

(#) = 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
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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: VW012027.D

Acq: 20 Aug 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

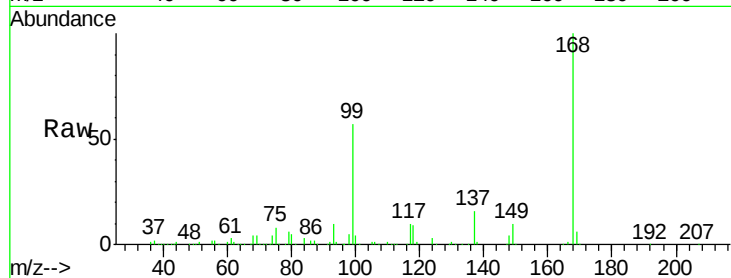
T6-A1-(0)

Tot Ion:168 Resp: 262727

Ion Ratio Lower Upper

168 100

99 56.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

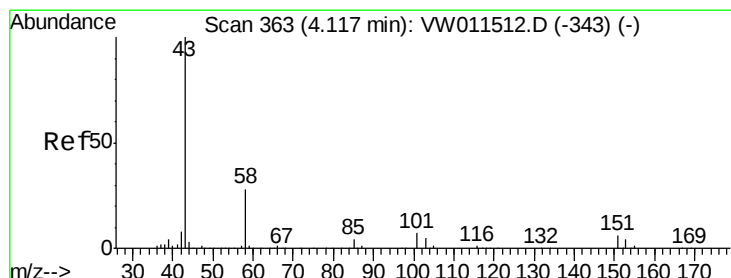
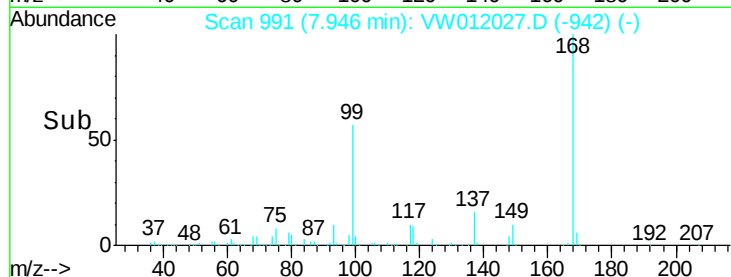
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 53.629 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012027.D

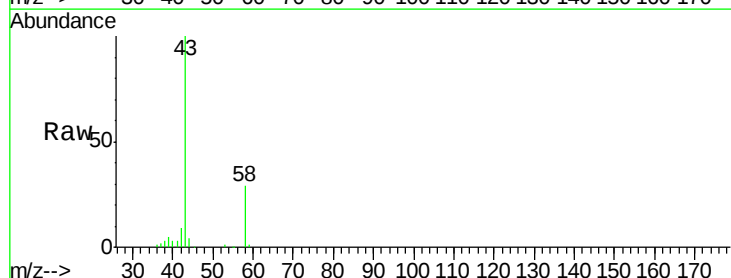
Acq: 20 Aug 2019 13:18

Tgt Ion: 43 Resp: 51465

Ion Ratio Lower Upper

43 100

58 28.6 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

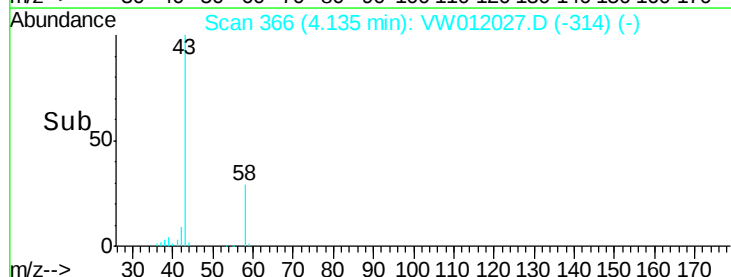
15000

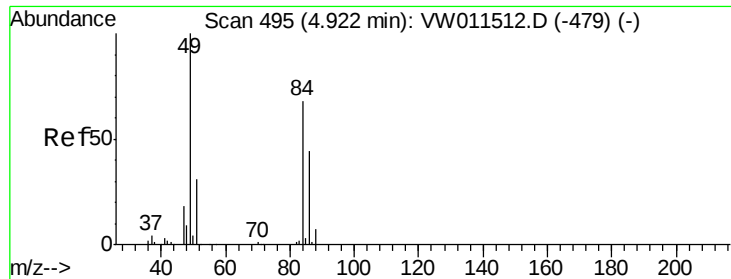
10000

5000

0

Time-->



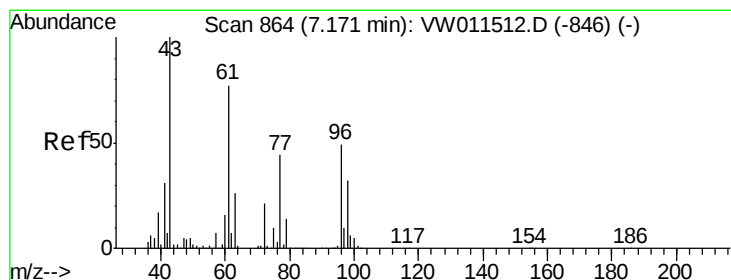
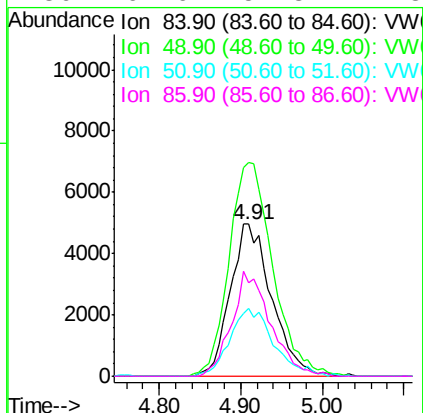
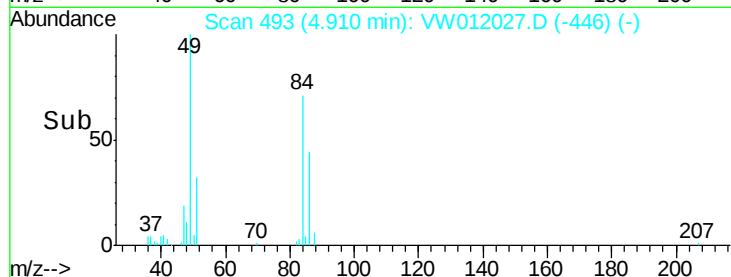
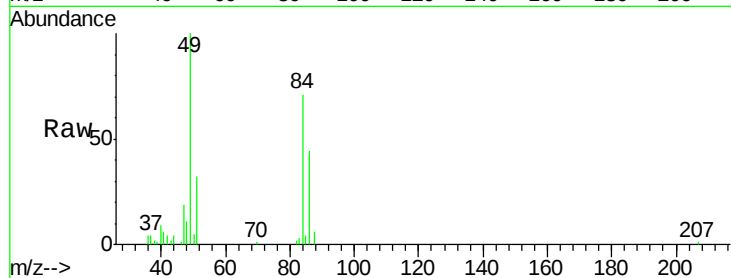


#20
Methylene Chloride
Concen: 5.284 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012027.D
Acq: 20 Aug 2019 13:18

Instrument :
MSVOA_W
ClientSampled :
T6-A1-(0)

Tot Ion: 84 Resp: 17489

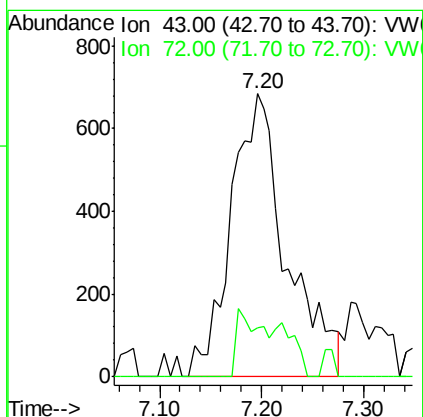
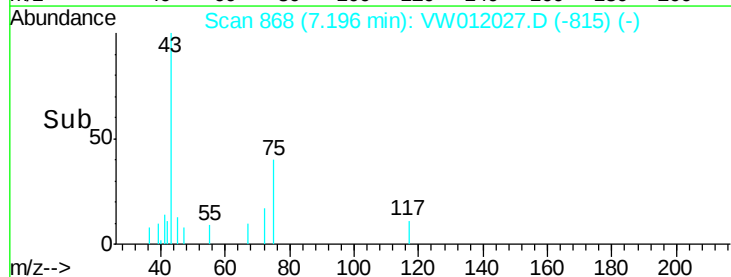
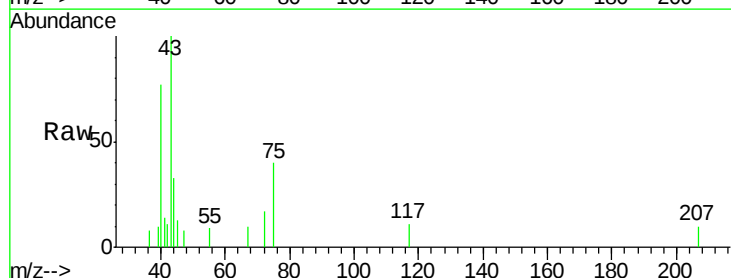
Ion	Ratio	Lower	Upper
84	100		
49	140.5	117.8	176.6
51	44.6	37.0	55.4
86	61.6	51.8	77.8

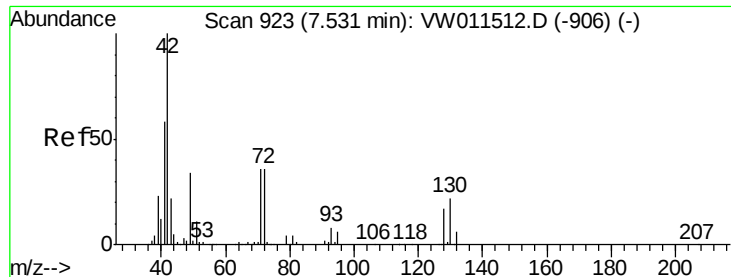


#25
2-Butanone
Concen: 2.051 ug/l
RT: 7.20 min Scan# 868
Delta R.T. 0.02 min
Lab File: VW012027.D
Acq: 20 Aug 2019 13:18

Tgt Ion: 43 Resp: 2576

Ion	Ratio	Lower	Upper
43	100		
72	17.4	16.6	24.8

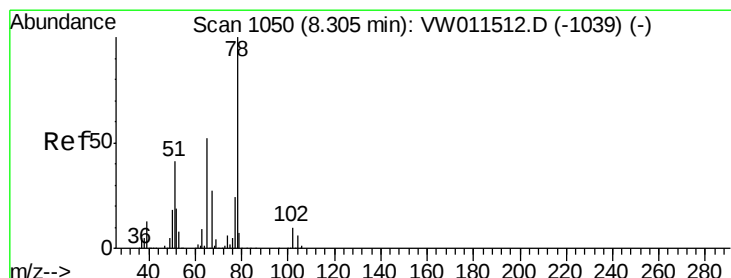
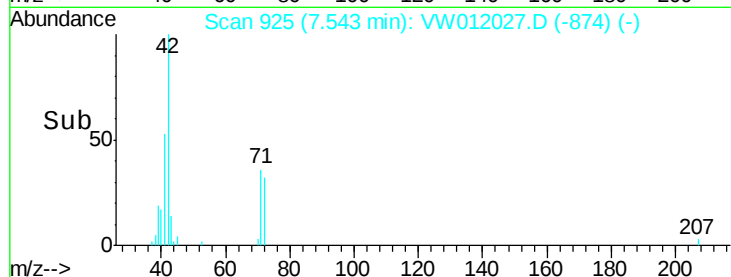
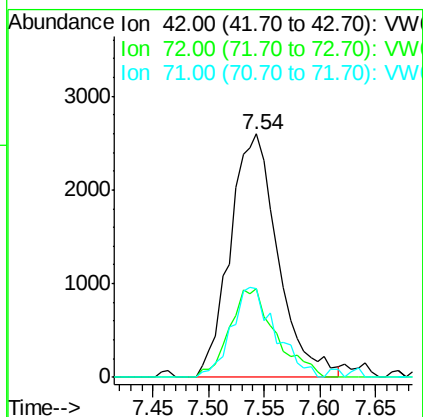
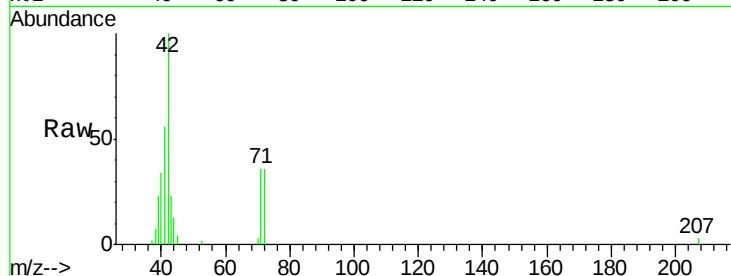




#29
Tetrahydrofuran
Concen: 10.769 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012027.D
Acq: 20 Aug 2019 13:18

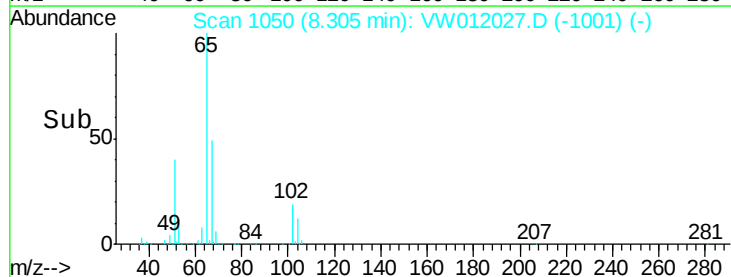
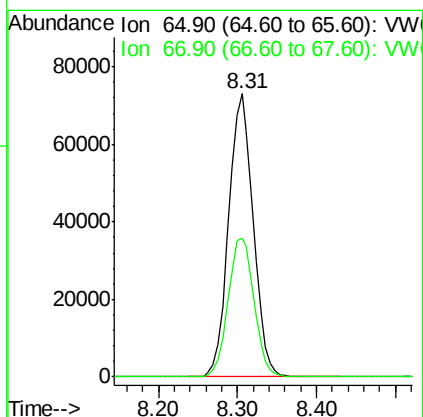
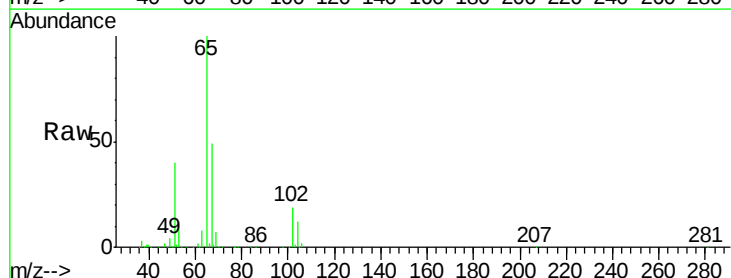
Instrument :
MSVOA_W
ClientSampleId :
T6-A1-(0)

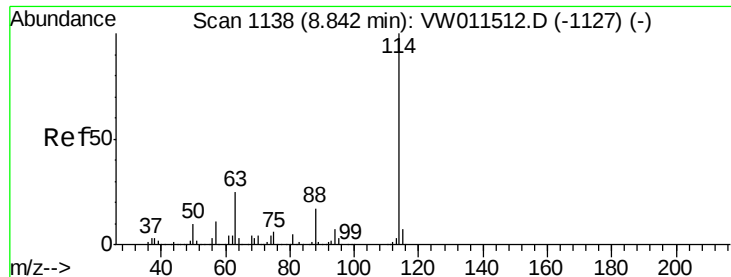
Tot Ion: 42 Resp: 7730
Ion Ratio Lower Upper
42 100
72 35.1 27.1 40.7
71 33.8 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 52.478 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012027.D
Acq: 20 Aug 2019 13:18

Tgt Ion: 65 Resp: 158317
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.2

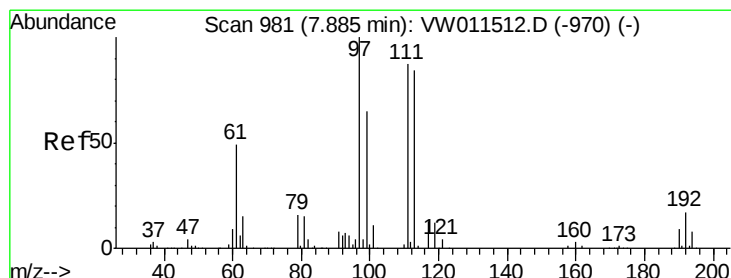
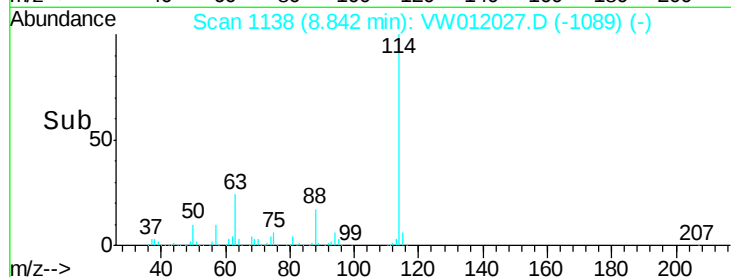
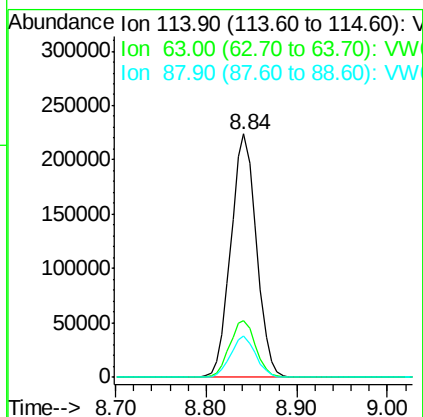
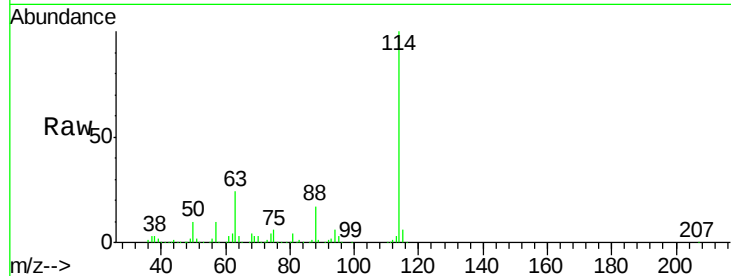




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012027.D
 Acq: 20 Aug 2019 13:18

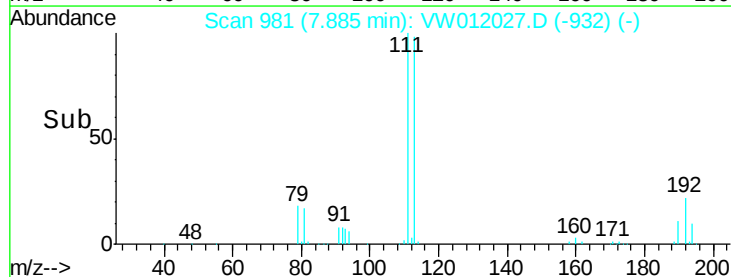
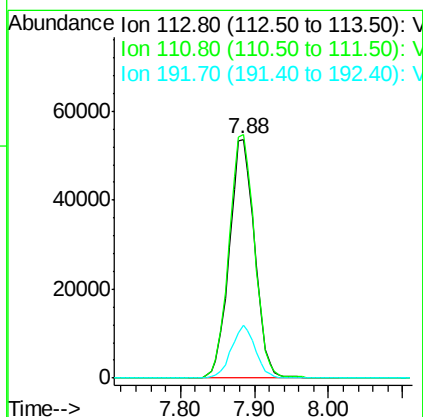
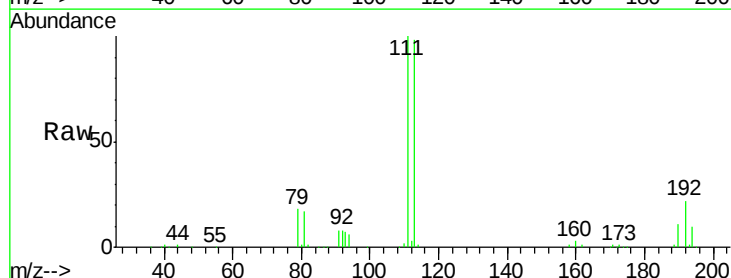
Instrument :
 MSVOA_W
 ClientSampled :
 T6-A1-(0)

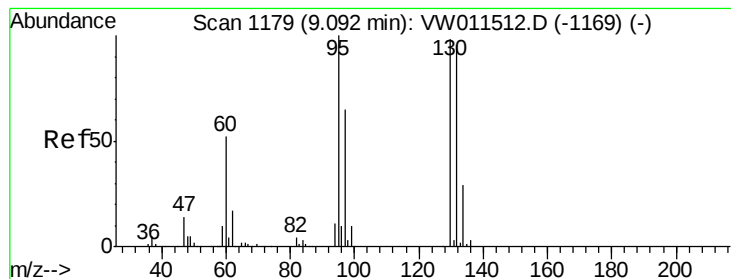
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	49.2
88	17.1	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 52.276 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012027.D
 Acq: 20 Aug 2019 13:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	20.8	16.1	24.1





#44

Trichloroethene

Concen: 1.911 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012027.D

Acq: 20 Aug 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

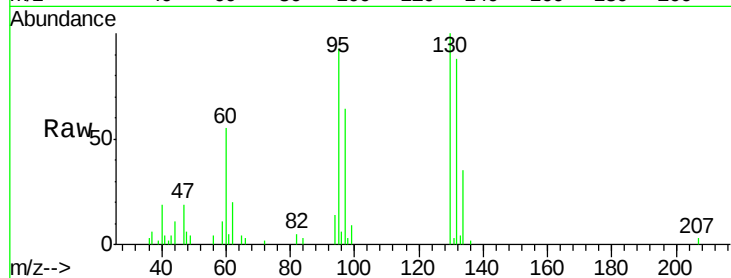
T6-A1-(0)

Tot Ion:130 Resp: 5844

Ion Ratio Lower Upper

130 100

95 92.9 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

9.09

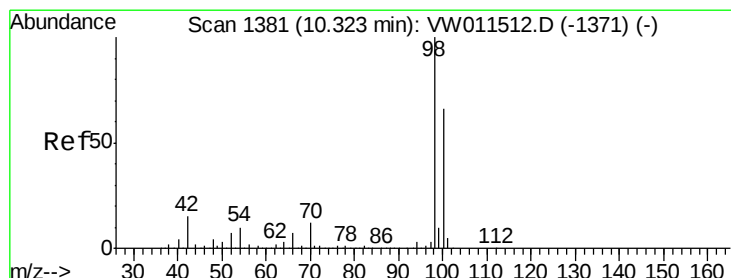
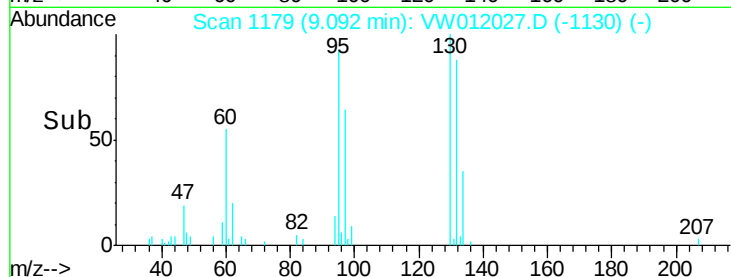
3000

2000

1000

0

Time--> 9.00 9.05 9.10 9.15



#50

Toluene-d8

Concen: 53.079 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012027.D

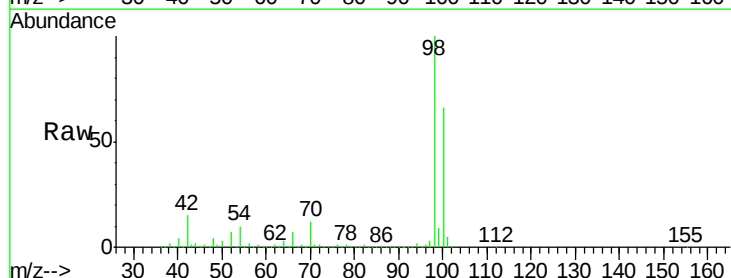
Acq: 20 Aug 2019 13:18

Tgt Ion: 98 Resp: 532701

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

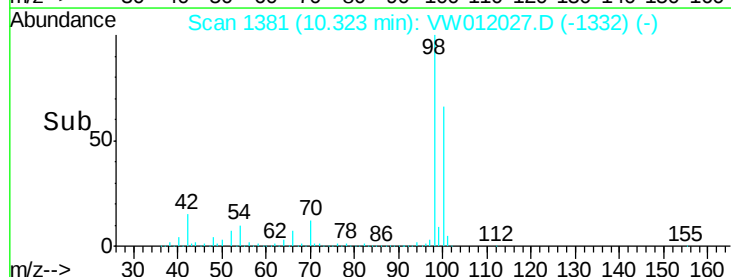
300000

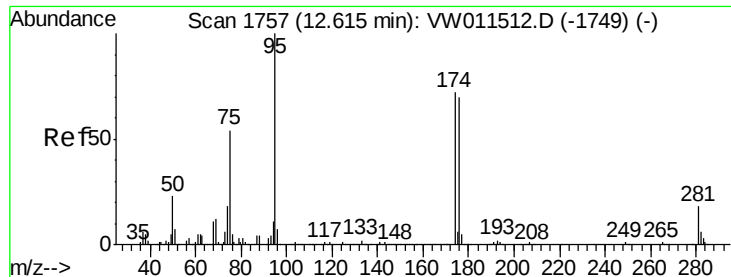
200000

100000

0

Time--> 10.20 10.30 10.40





#62

4-Bromofluorobenzene

Concen: 46.143 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012027.D

Acq: 20 Aug 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

T6-A1-(0)

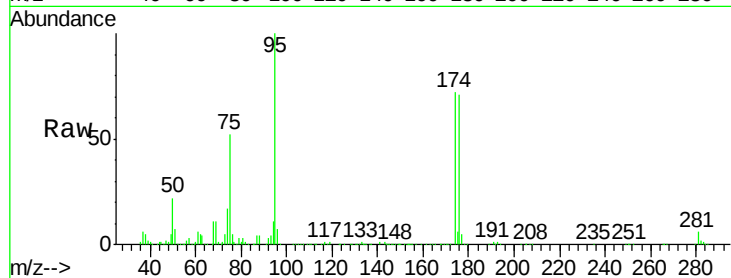
Tot Ion: 95 Resp: 165103

Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.2

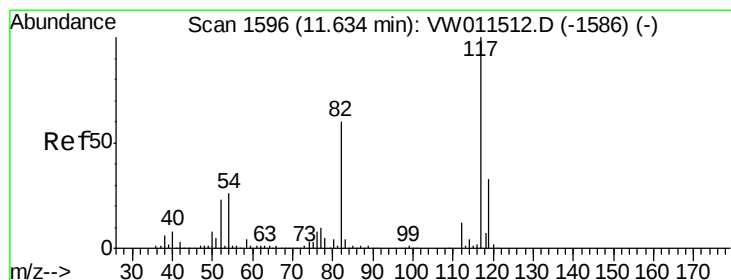
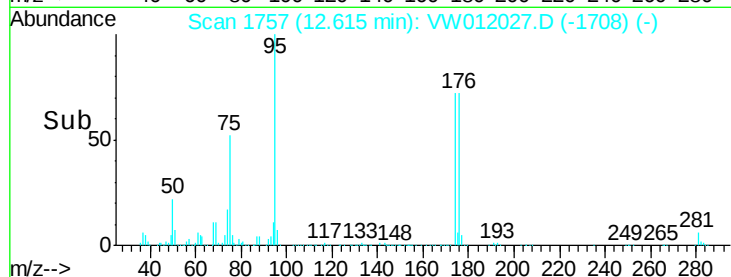
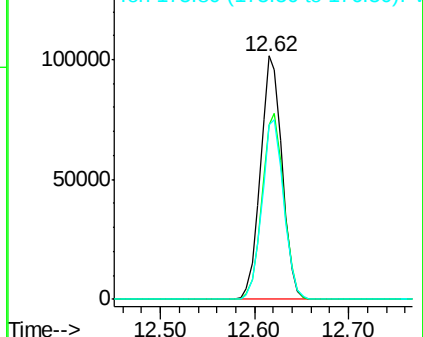
176 74.1 0.0 144.4



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: VW012027.D

Acq: 20 Aug 2019 13:18

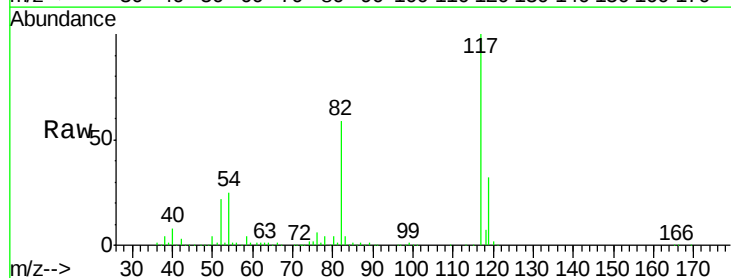
Tgt Ion: 117 Resp: 356510

Ion Ratio Lower Upper

117 100

82 58.6 47.9 71.9

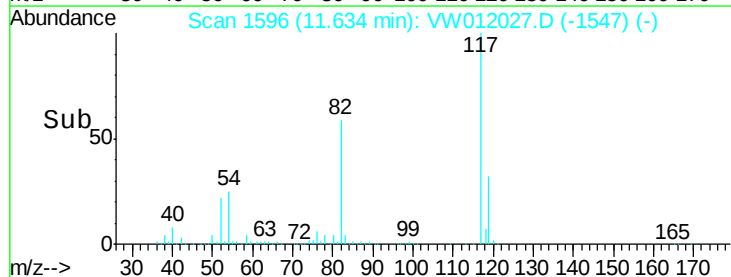
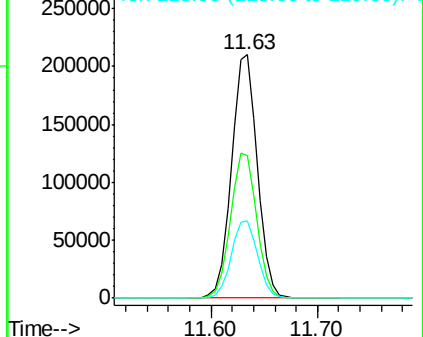
119 31.6 26.2 39.2

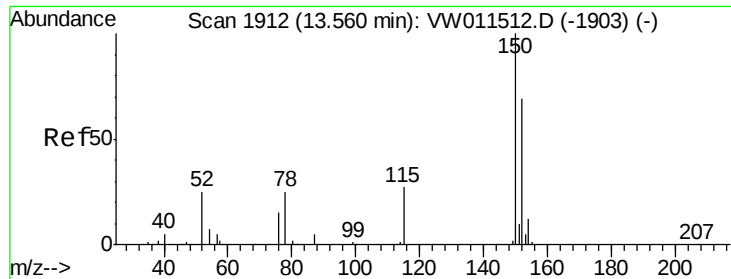


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012027.D

Acq: 20 Aug 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

T6-A1-(0)

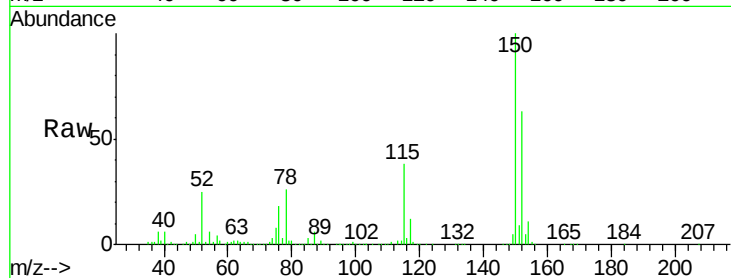
Tot Ion:152 Resp: 137914

Ion Ratio Lower Upper

152 100

115 60.5 30.5 91.5

150 157.0 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

