

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012429.D
 Acq On : 01 Sep 2019 05:22
 Operator : SY/VA
 Sample : K4516-06
 Misc : 5.49G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-B4-(2.5)

Quant Time: Sep 01 06:43:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

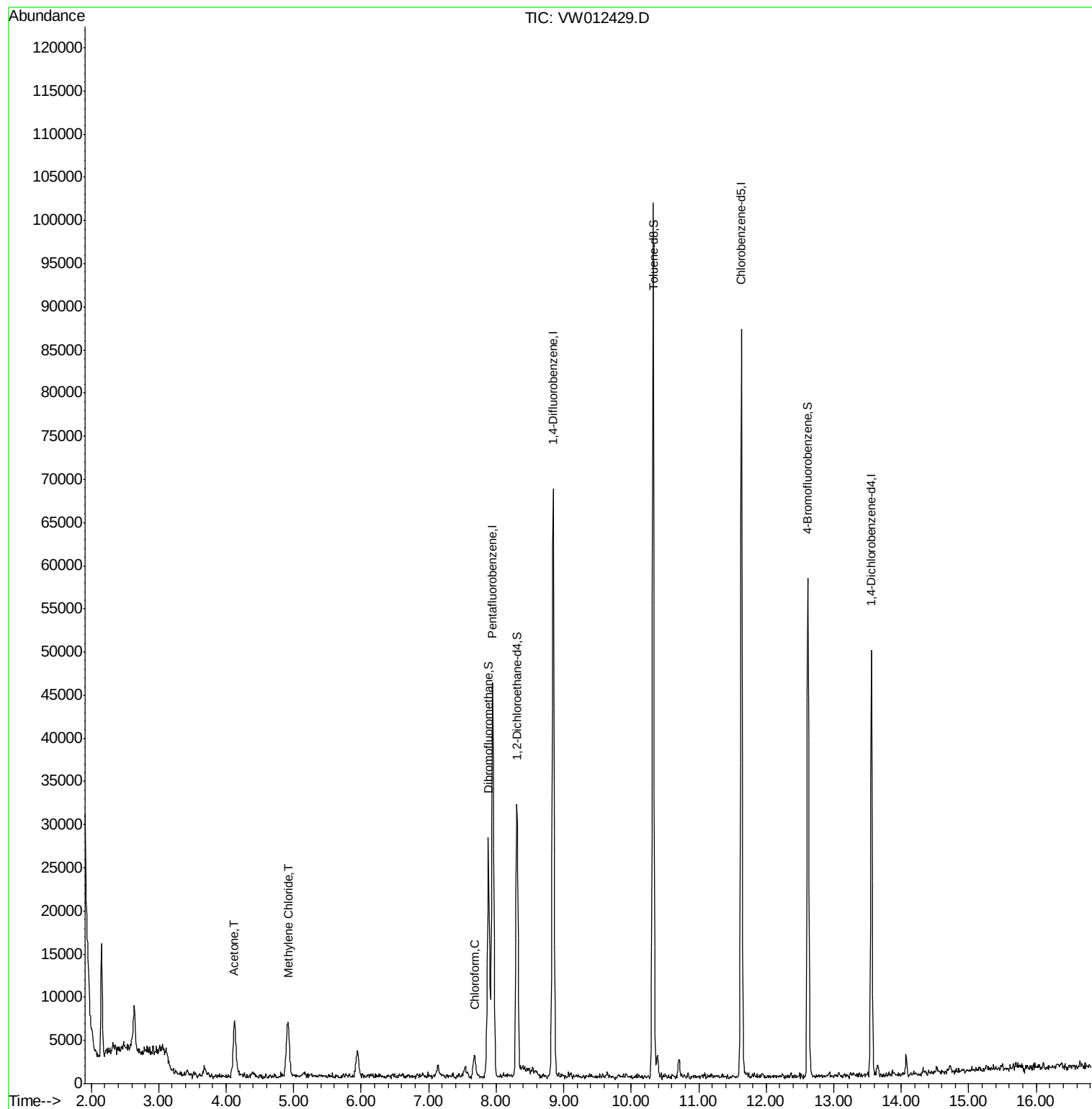
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	32684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	52768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	44249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	25502	65.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.28%	
35) Dibromofluoromethane	7.89	113	19090	60.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.22%	
50) Toluene-d8	10.32	98	63844	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.62	95	18139	40.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.58%	
Target Compounds						
16) Acetone	4.12	43	12310	123.946	ug/l	96
20) Methylene Chloride	4.91	84	4400	11.719	ug/l	95
30) Chloroform	7.68	83	2402	3.712	ug/l	99

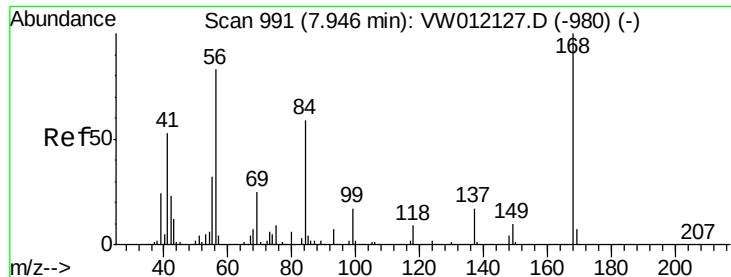
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083119\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

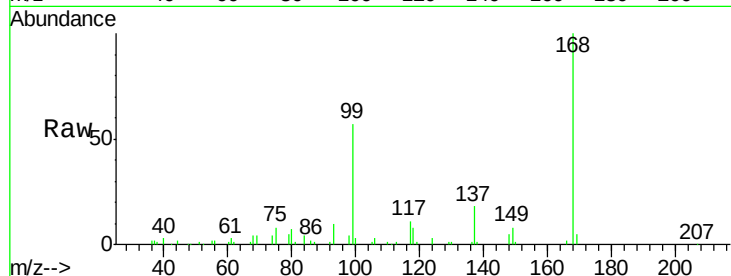
T1-S-B4-(2.5)

Tot Ion:168 Resp: 32684

Ion Ratio Lower Upper

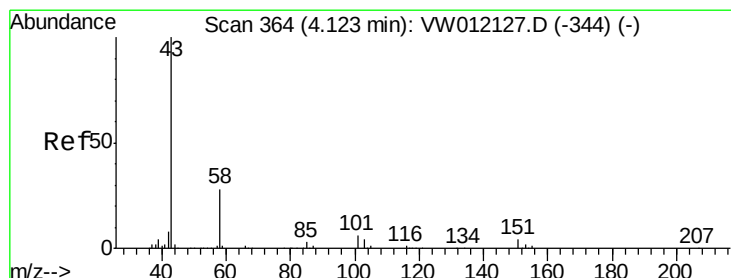
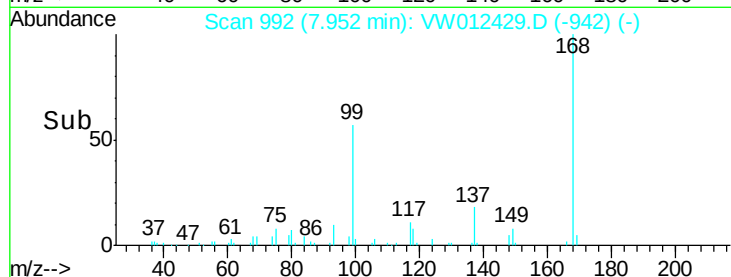
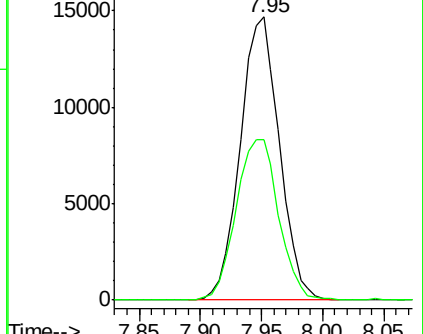
168 100

99 56.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 123.946 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012429.D

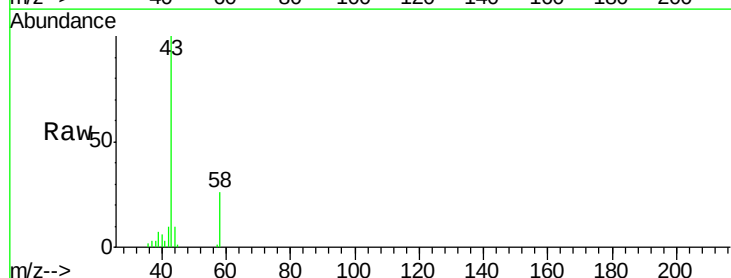
Acq: 01 Sep 2019 05:22

Tgt Ion: 43 Resp: 12310

Ion Ratio Lower Upper

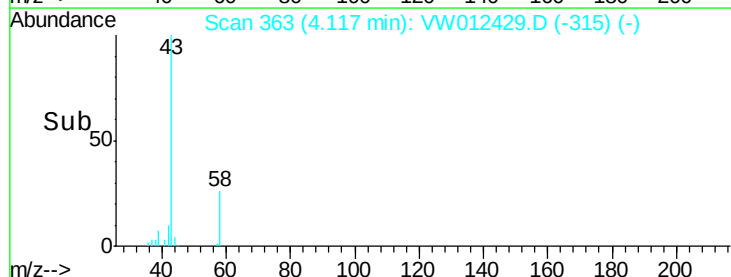
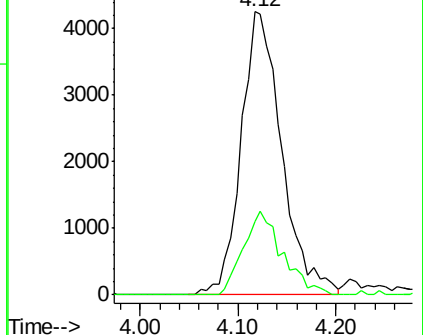
43 100

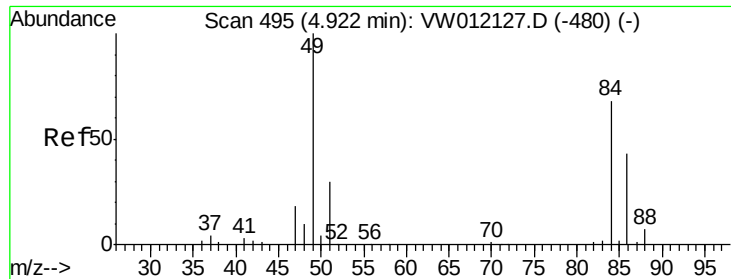
58 26.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

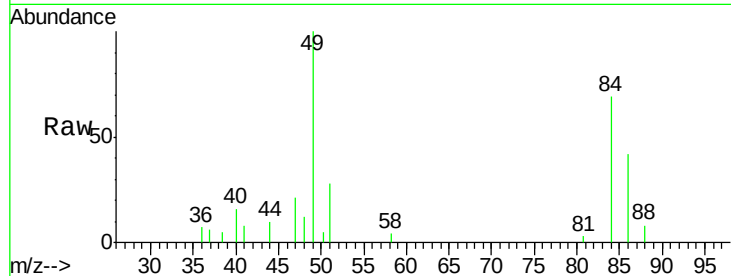




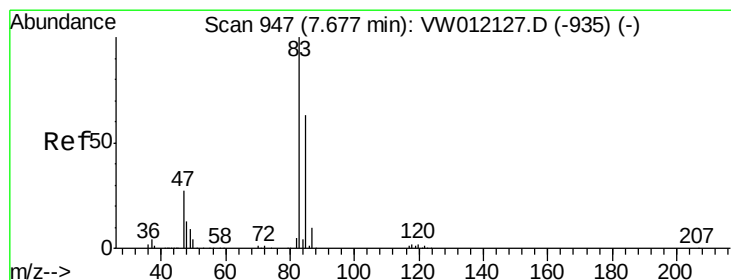
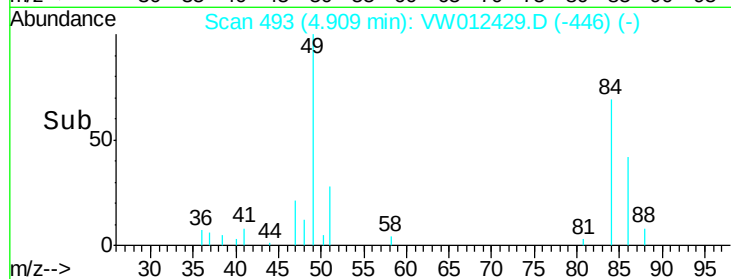
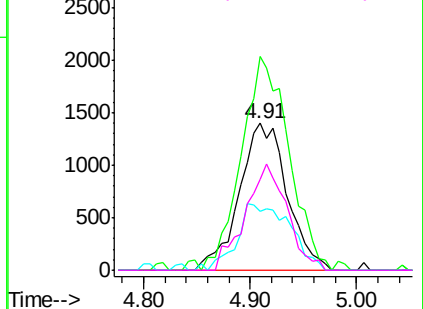
#20
Methylene Chloride
Concen: 11.719 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012429.D
Acq: 01 Sep 2019 05:22

Instrument :
MSVOA_W
ClientSampleId :
T1-S-B4-(2.5)

Tot Ion: 84 Resp: 4400
Ion Ratio Lower Upper
84 100
49 139.8 117.8 176.8
51 40.1 35.6 53.4
86 61.9 51.2 76.8

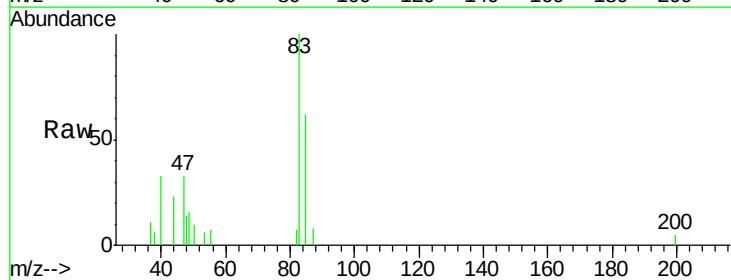


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

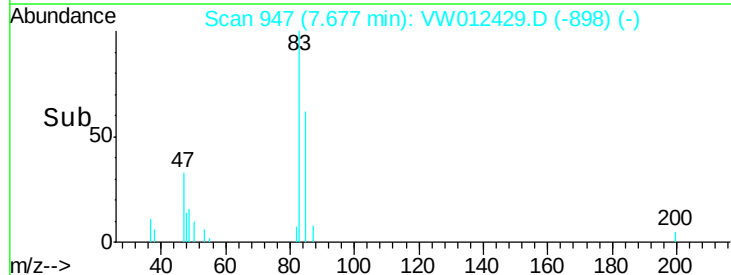
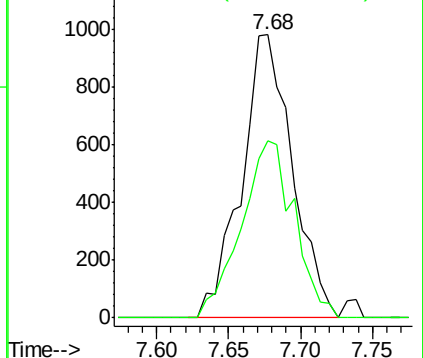


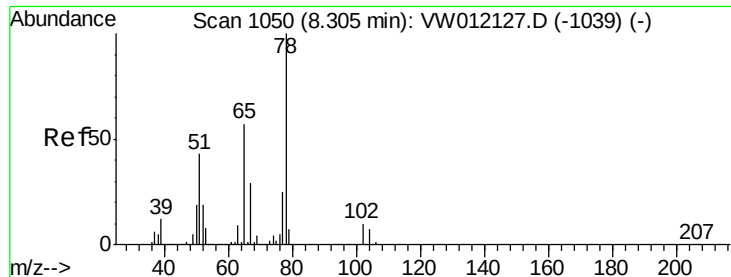
#30
Chloroform
Concen: 3.712 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW012429.D
Acq: 01 Sep 2019 05:22

Tgt Ion: 83 Resp: 2402
Ion Ratio Lower Upper
83 100
85 62.4 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

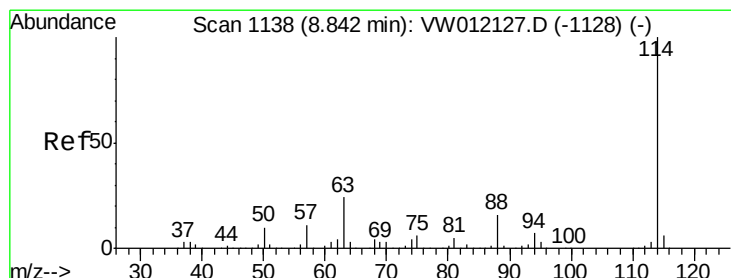
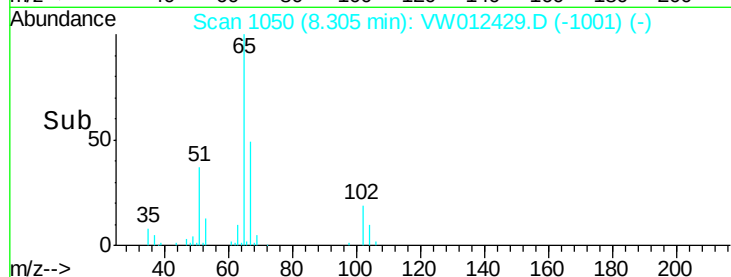
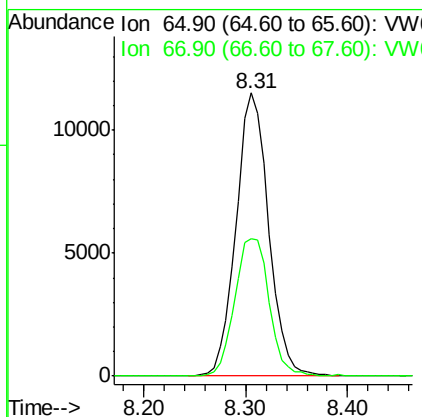
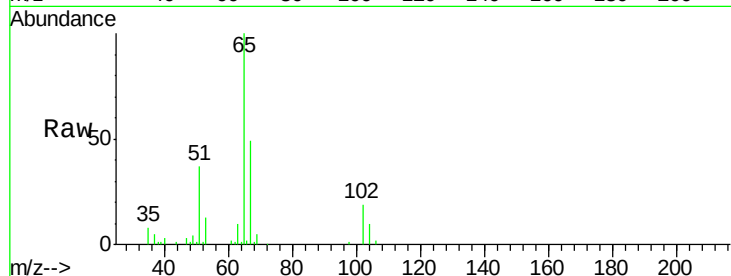




#33
 1,2-Dichloroethane-d4
 Concen: 65.637 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012429.D
 Acq: 01 Sep 2019 05:22

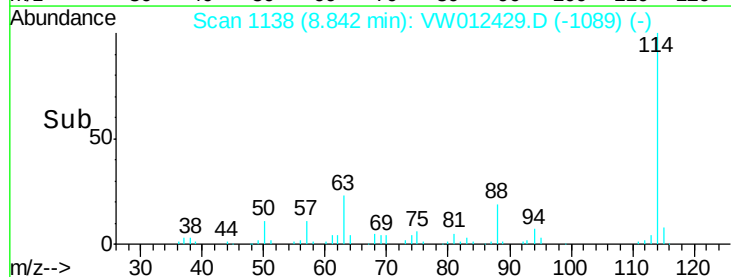
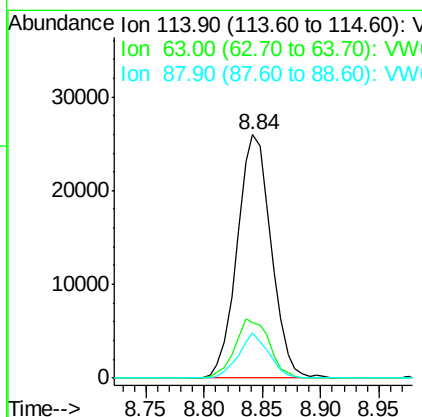
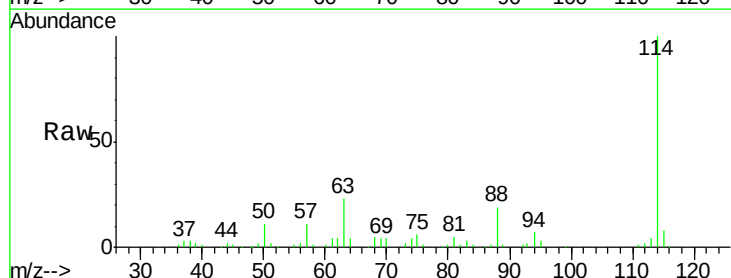
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-B4-(2.5)

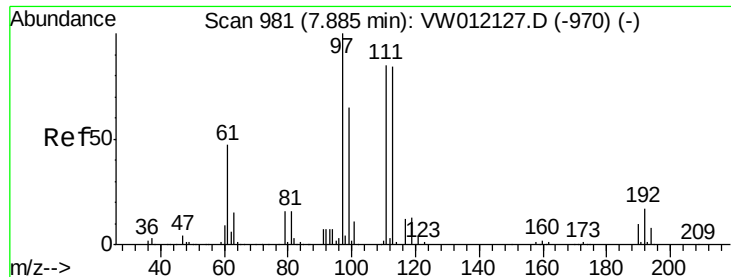
Tot Ion: 65 Resp: 25502
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012429.D
 Acq: 01 Sep 2019 05:22

Tgt Ion: 114 Resp: 52768
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 48.6
 88 18.6 0.0 32.2

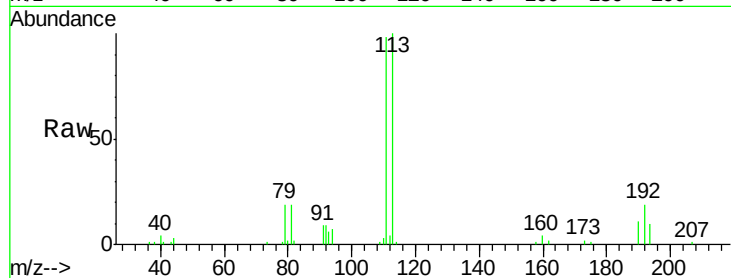




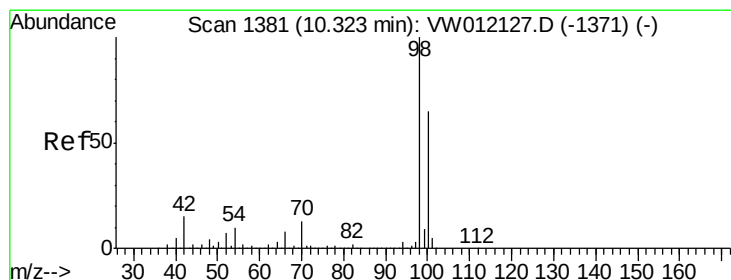
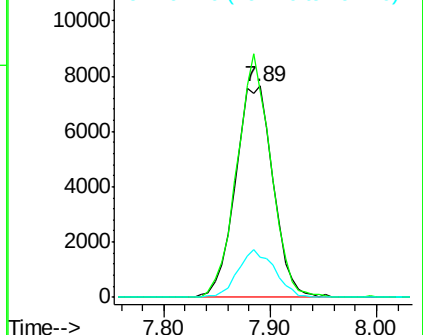
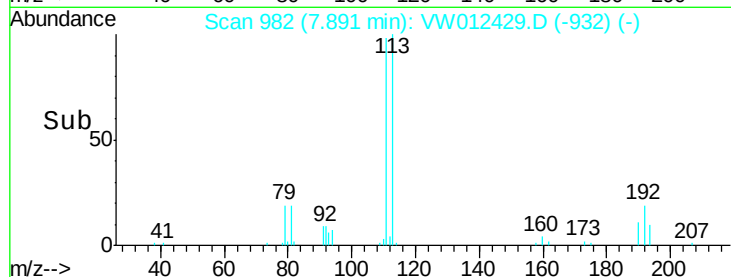
#35
 Dibromofluoromethane
 Concen: 60.608 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW012429.D
 Acq: 01 Sep 2019 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-B4-(2.5)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	21.8	16.2	24.2

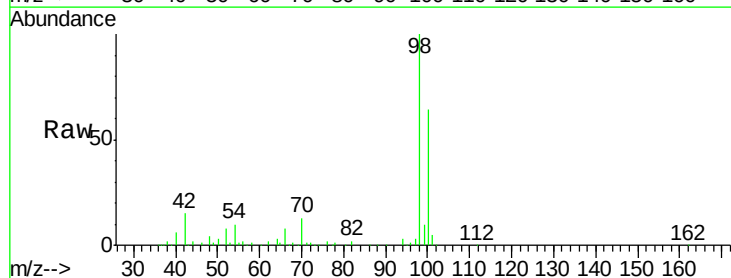


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

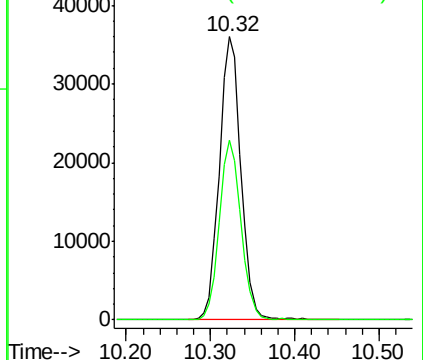
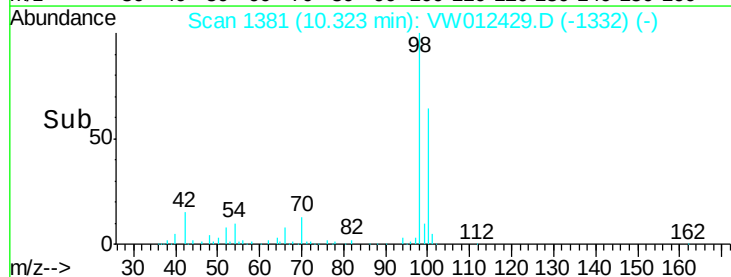


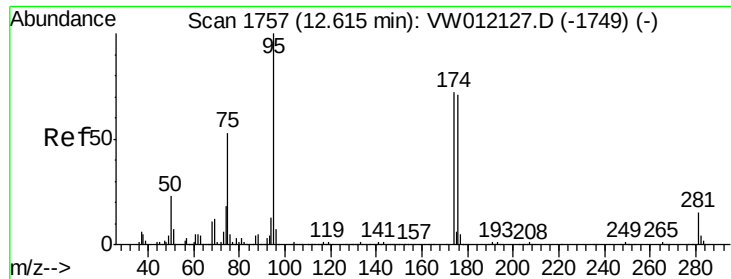
#50
 Toluene-d8
 Concen: 49.990 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012429.D
 Acq: 01 Sep 2019 05:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 40.292 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012429.D

Acq: 01 Sep 2019 05:22

Instrument :

MSVOA_W

ClientSampleId :

T1-S-B4-(2.5)

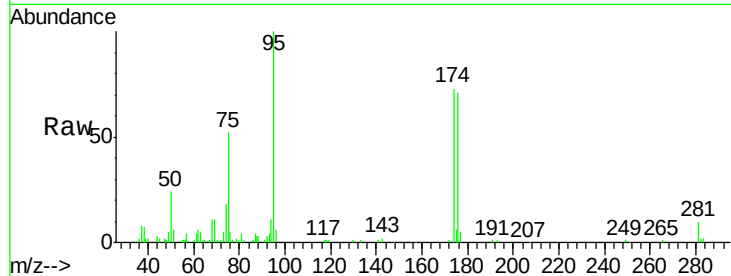
Tot Ion: 95 Resp: 18139

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.8

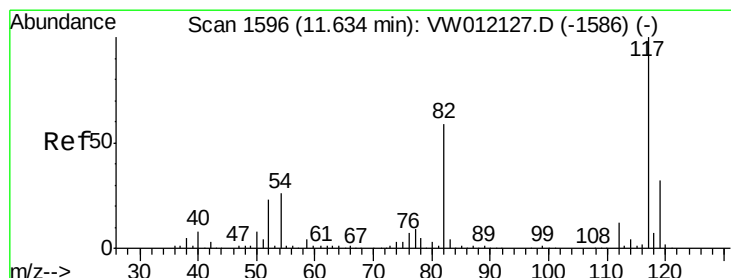
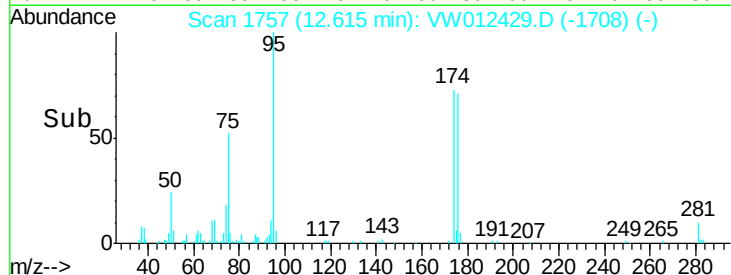
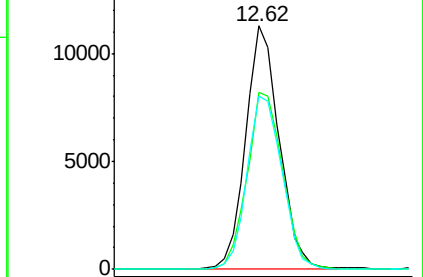
176 73.8 0.0 148.6



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: VW012429.D

Acq: 01 Sep 2019 05:22

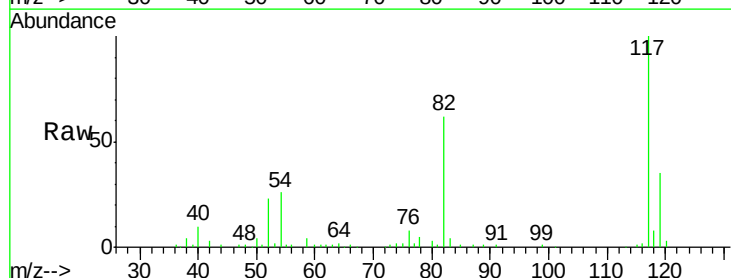
Tgt Ion: 117 Resp: 44249

Ion Ratio Lower Upper

117 100

82 61.9 47.4 71.2

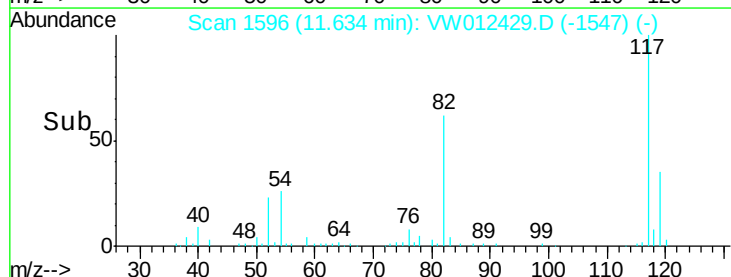
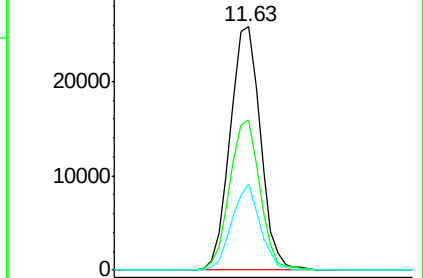
119 35.2 25.4 38.2

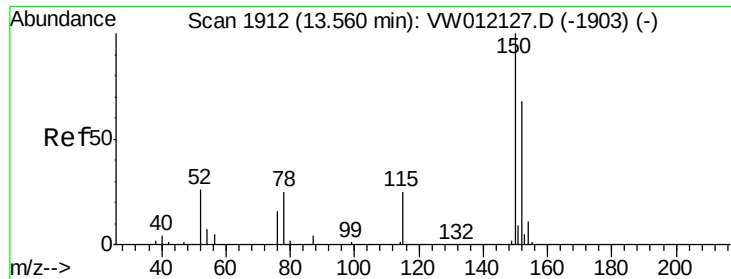


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012429.D

Acq: 01 Sep 2019 05:22

Instrument :

MSVOA_W

ClientSampleId :

T1-S-B4-(2.5)

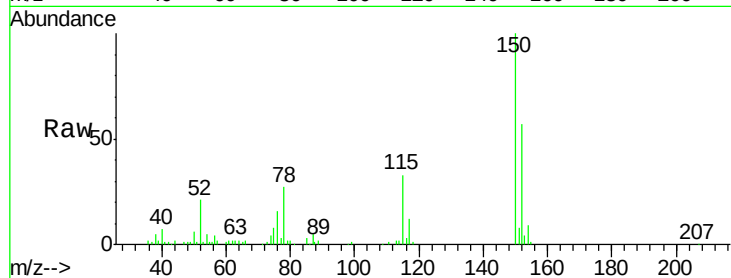
Tot Ion:152 Resp: 12450

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.3

150 162.0 0.0 345.8



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

