

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW012003.D
 Acq On : 19 Aug 2019 21:20
 Operator : SY/VA
 Sample : K4391-08
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-CORNER-2

Quant Time: Aug 20 06:01:30 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

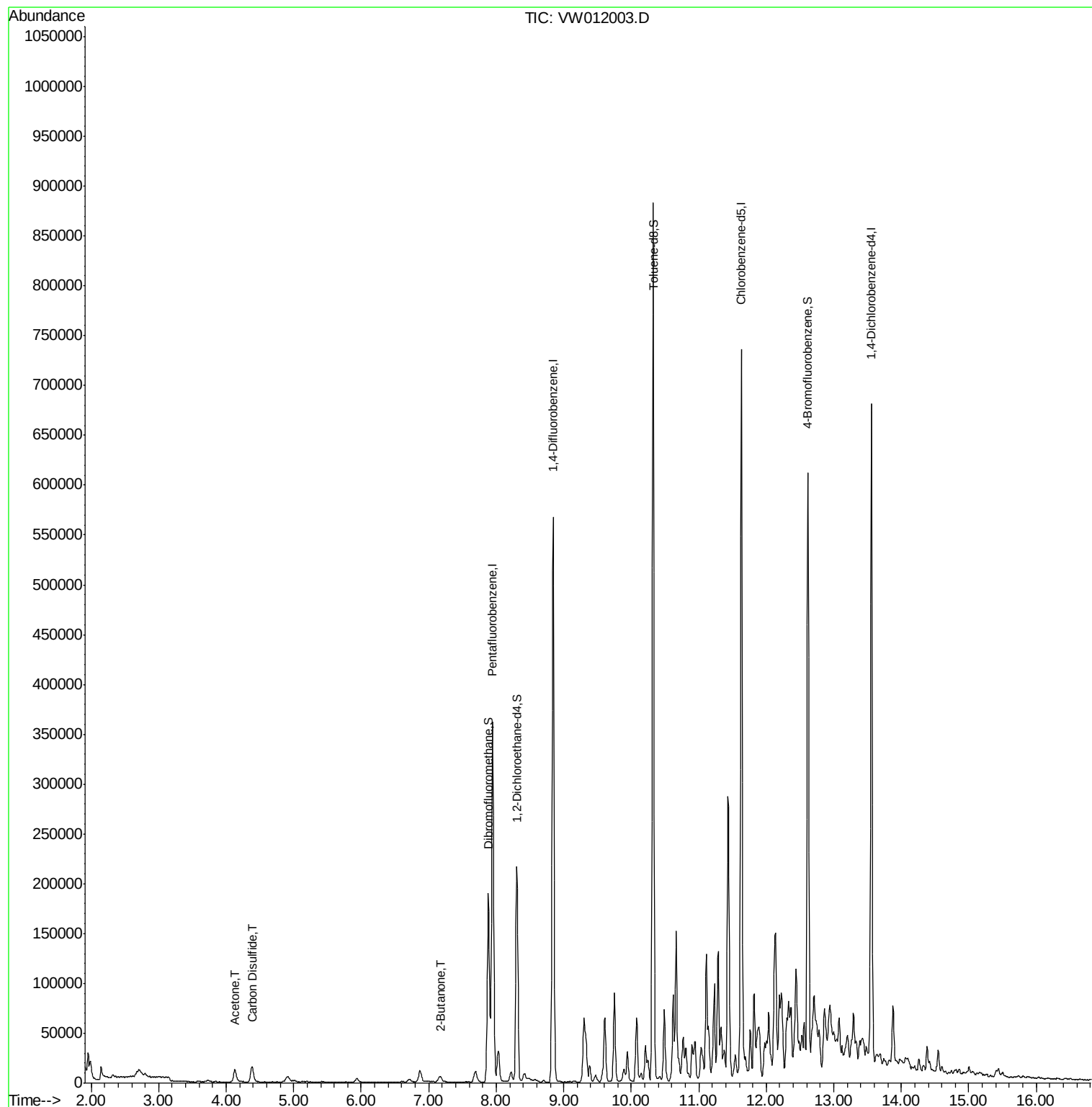
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	167586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	170534	56.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.36%	
35) Dibromofluoromethane	7.88	113	135743	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
50) Toluene-d8	10.32	98	548370	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
62) 4-Bromofluorobenzene	12.62	95	194632	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
Target Compounds						
16) Acetone	4.12	43	24799	25.681	ug/l	96
17) Carbon Disulfide	4.39	76	33767	3.918	ug/l	100
25) 2-Butanone	7.18	43	4789	3.790	ug/l #	85

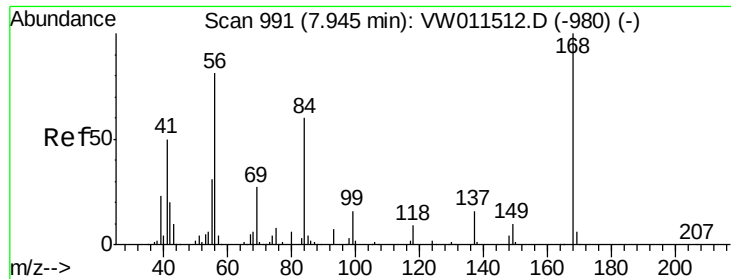
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081919\
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Quant Title : SW846 8260
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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: VW012003.D

Acq: 19 Aug 2019 21:20

Instrument :

MSVOA_W

ClientSampleId :

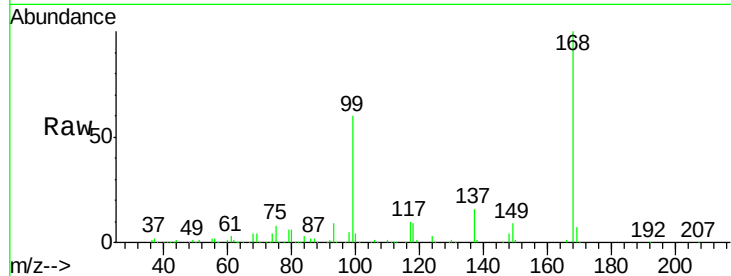
S-CORNER-2

Tot Ion:168 Resp: 264375

Ion Ratio Lower Upper

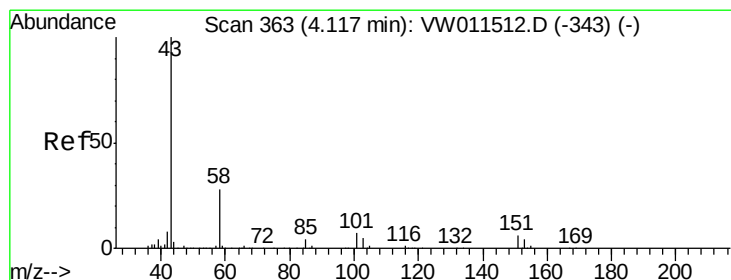
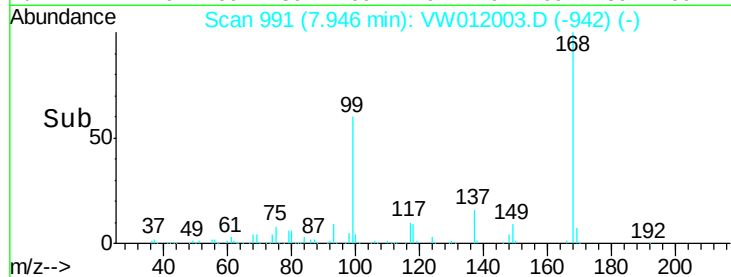
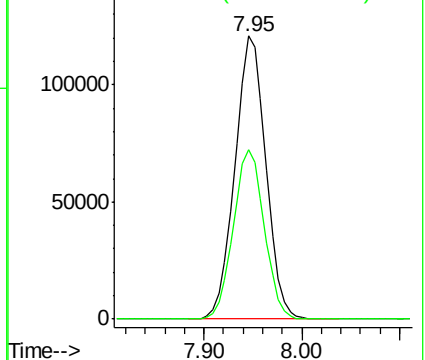
168 100

99 60.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 25.681 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012003.D

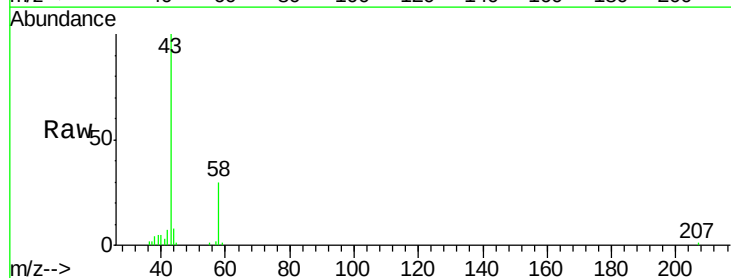
Acq: 19 Aug 2019 21:20

Tgt Ion: 43 Resp: 24799

Ion Ratio Lower Upper

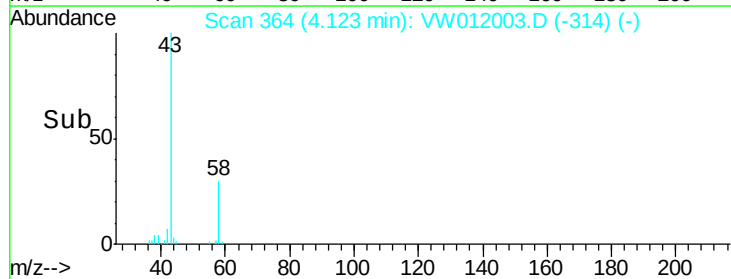
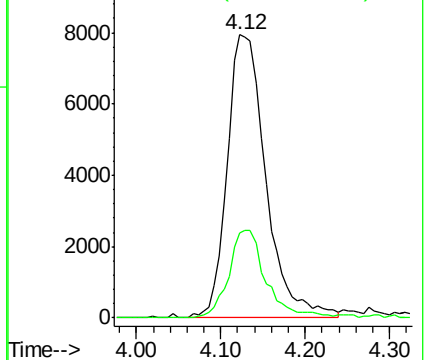
43 100

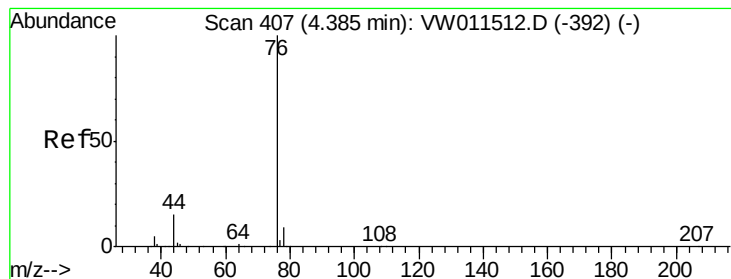
58 29.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 3.918 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW012003.D

Acq: 19 Aug 2019 21:20

Instrument :

MSVOA_W

ClientSampled :

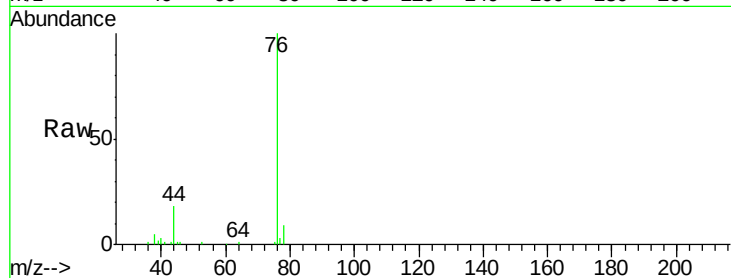
S-CORNER-2

Tot Ion: 76 Resp: 33767

Ion Ratio Lower Upper

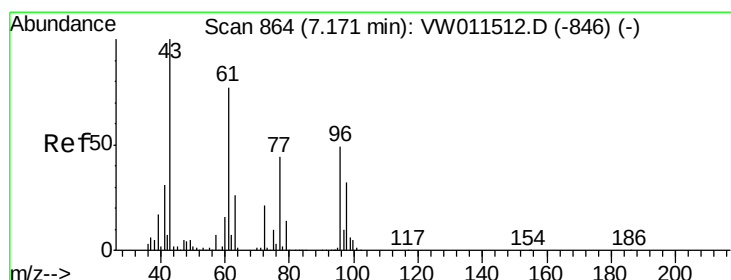
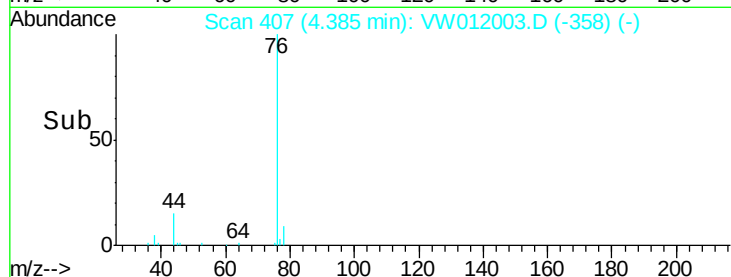
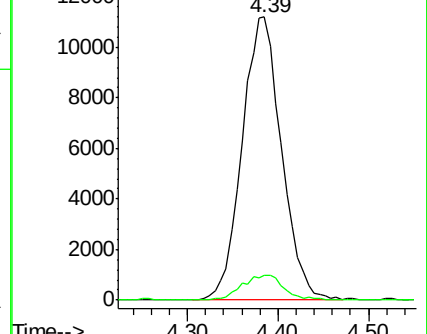
76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 3.790 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012003.D

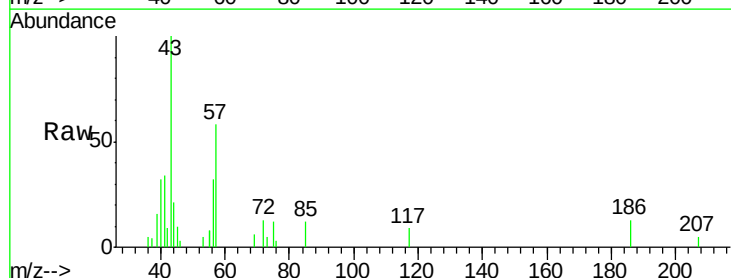
Acq: 19 Aug 2019 21:20

Tgt Ion: 43 Resp: 4789

Ion Ratio Lower Upper

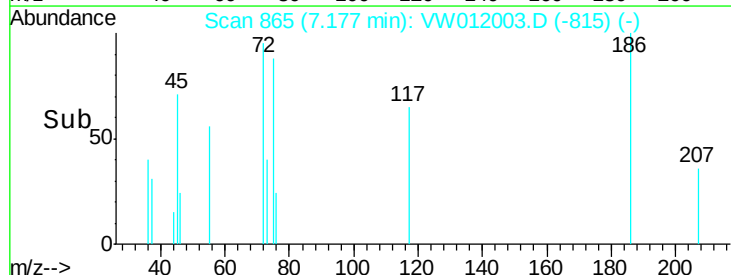
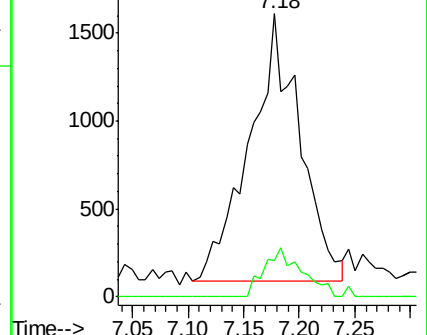
43 100

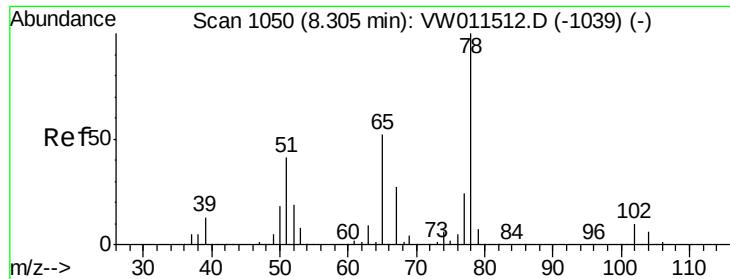
72 13.6 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

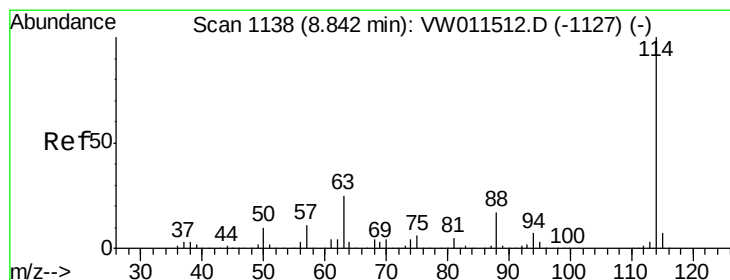
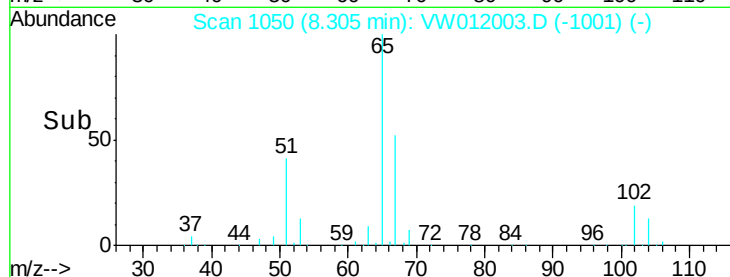
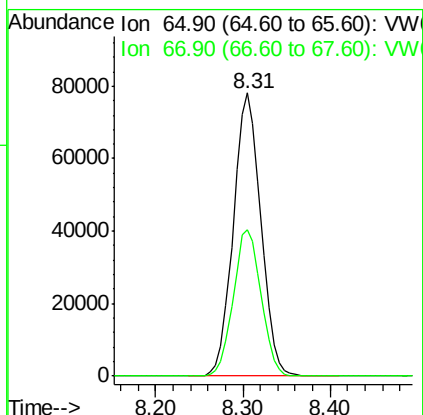
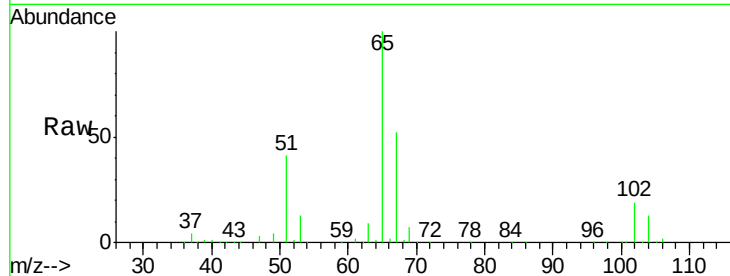




#33
 1,2-Dichloroethane-d4
 Concen: 56.175 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012003.D
 Acq: 19 Aug 2019 21:20

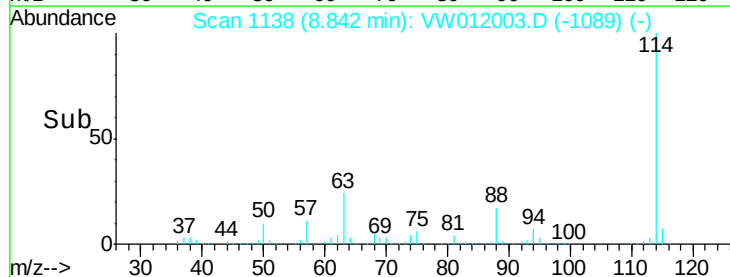
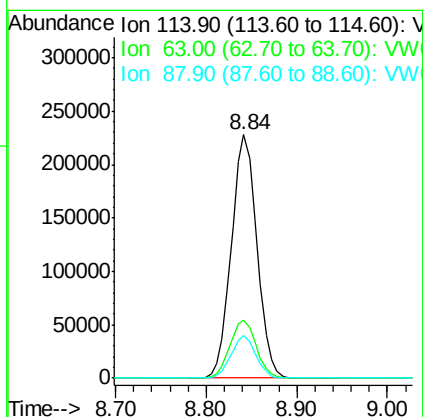
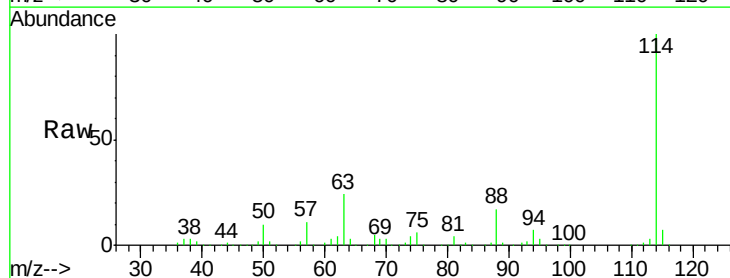
Instrument :
 MSVOA_W
 ClientSampleId :
 S-CORNER-2

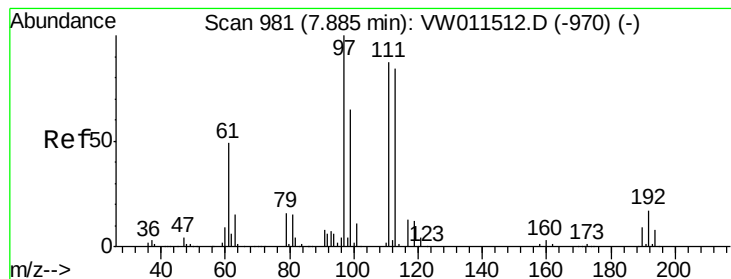
Tot Ion: 65 Resp: 170534
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012003.D
 Acq: 19 Aug 2019 21:20

Tgt Ion: 114 Resp: 445654
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 17.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.293 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012003.D

Acq: 19 Aug 2019 21:20

Instrument :

MSVOA_W

ClientSampleId :

S-CORNER-2

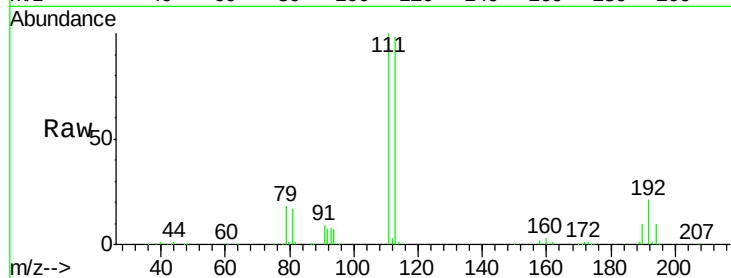
Tot Ion:113 Resp: 135743

Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

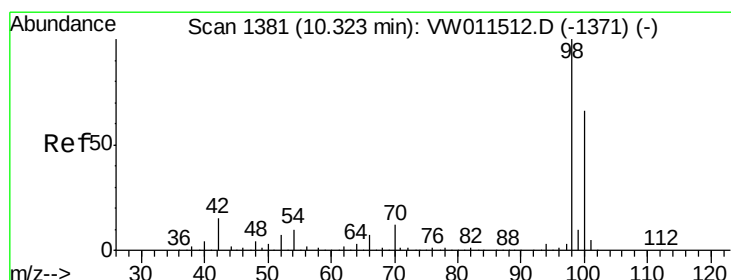
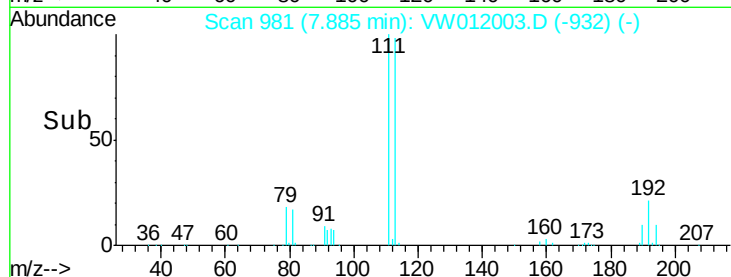
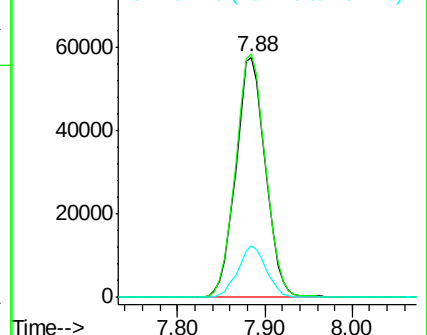
192 20.6 16.1 24.1



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: 53.570 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012003.D

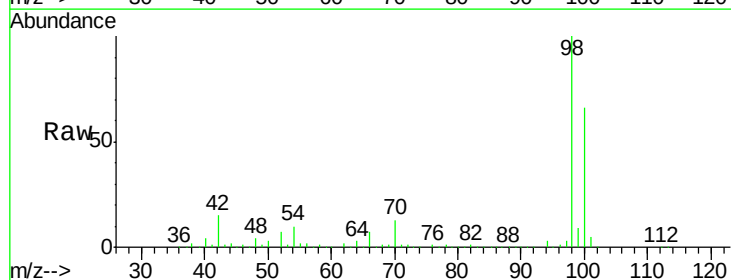
Acq: 19 Aug 2019 21:20

Tgt Ion: 98 Resp: 548370

Ion Ratio Lower Upper

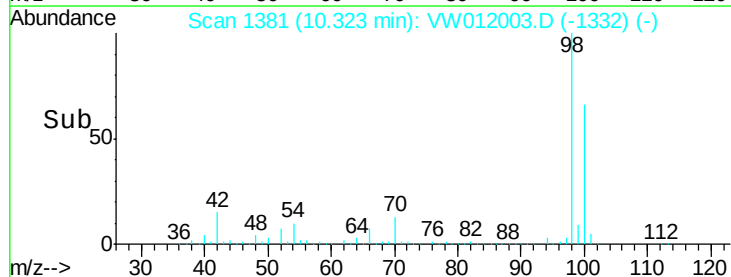
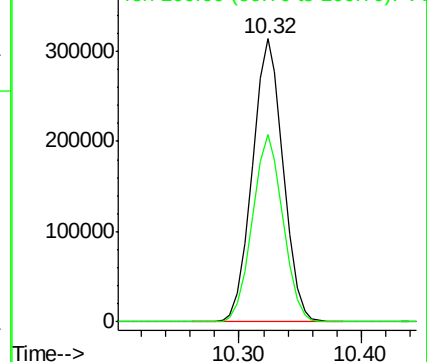
98 100

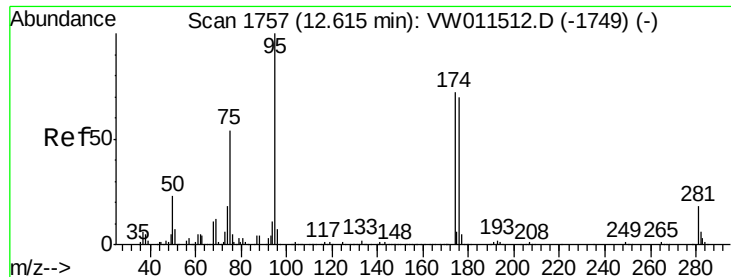
100 65.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 53.331 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012003.D

Acq: 19 Aug 2019 21:20

Instrument :

MSVOA_W

ClientSampleId :

S-CORNER-2

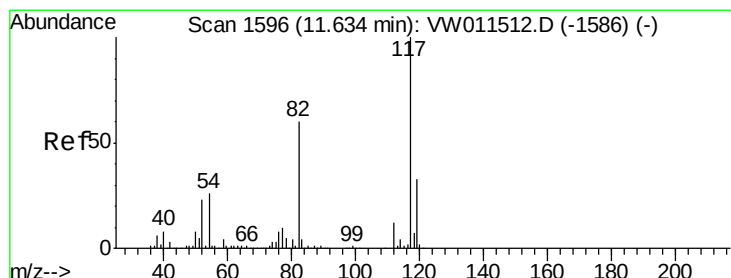
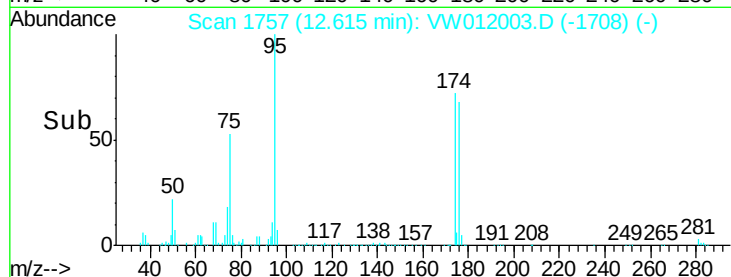
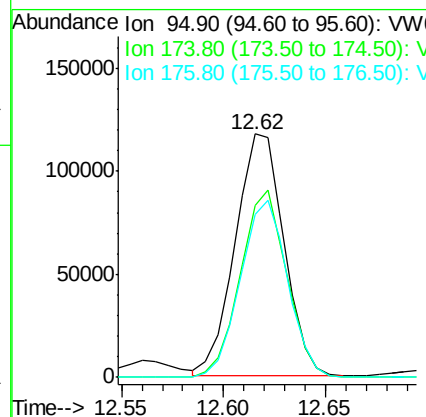
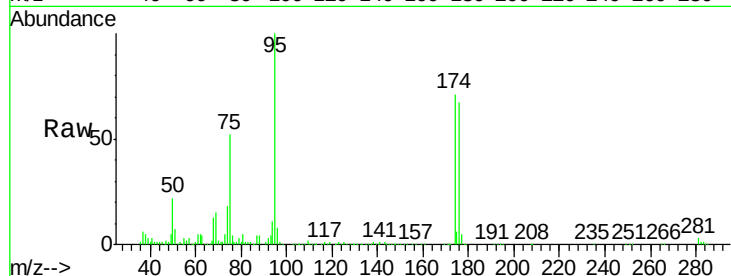
Tot Ion: 95 Resp: 194632

Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.2

176 71.1 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: VW012003.D

Acq: 19 Aug 2019 21:20

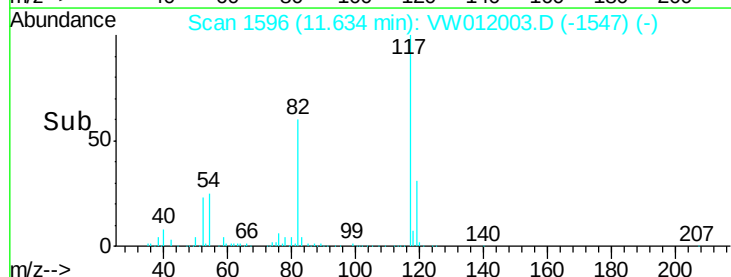
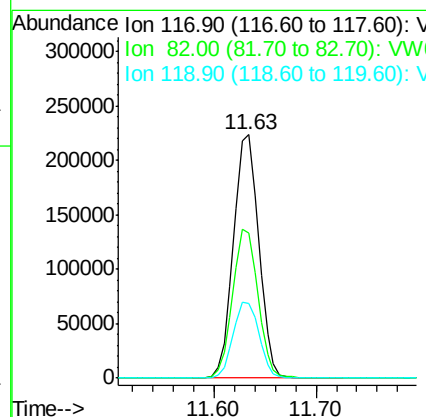
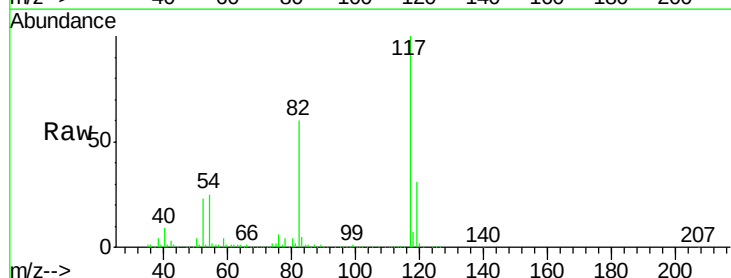
Tgt Ion: 117 Resp: 382635

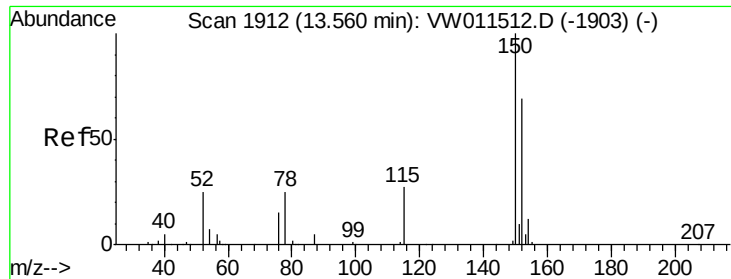
Ion Ratio Lower Upper

117 100

82 59.5 47.9 71.9

119 30.8 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: VW012003.D

Acq: 19 Aug 2019 21:20

Instrument :

MSVOA_W

ClientSampleId :

S-CORNER-2

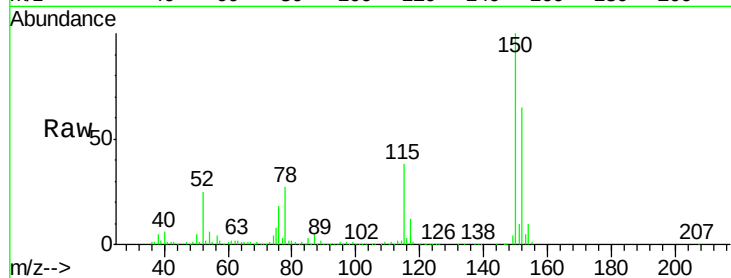
Tot Ion:152 Resp: 167586

Ion Ratio Lower Upper

152 100

115 59.8 30.5 91.5

150 156.7 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

